

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008920.D
 Acq On : 20 May 2022 22:31
 Operator : KP/MD
 Sample : VY0520SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Quant Time: May 20 23:56:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	142562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	233257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58869	40.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.240%
35) Dibromofluoromethane	7.716	113	64405	44.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.800%
50) Toluene-d8	10.179	98	207121	38.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.420%
62) 4-Bromofluorobenzene	12.483	95	99132	45.925	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	25366	19.454	ug/l	99
3) Chloromethane	2.113	50	36740	19.668	ug/l	97
4) Vinyl Chloride	2.247	62	52503	18.971	ug/l	98
5) Bromomethane	2.631	94	64815	23.892	ug/l	99
6) Chloroethane	2.784	64	39310	20.050	ug/l	99
7) Trichlorofluoromethane	3.119	101	48377	20.584	ug/l	97
8) Diethyl Ether	3.527	74	15403	20.960	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	28835	19.963	ug/l	95
10) Methyl Iodide	4.088	142	23914	16.033	ug/l	93
11) Tert butyl alcohol	4.942	59	14821	99.587	ug/l	100
12) 1,1-Dichloroethene	3.869	96	26418	19.702	ug/l #	79
13) Acrolein	3.723	56	6993	142.753	ug/l	97
14) Allyl chloride	4.472	41	39650	19.621	ug/l #	88
15) Acrylonitrile	5.161	53	40477	98.372	ug/l	99
16) Acetone	3.942	43	31044	101.646	ug/l	94
17) Carbon Disulfide	4.192	76	85094	19.425	ug/l	98
18) Methyl Acetate	4.478	43	19492	20.495	ug/l #	84
19) Methyl tert-butyl Ether	5.216	73	78944	19.615	ug/l	96
20) Methylene Chloride	4.716	84	42047	19.765	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	33377	19.393	ug/l #	82
22) Diisopropyl ether	6.118	45	92044	18.959	ug/l #	93
23) Vinyl Acetate	6.057	43	302545	94.210	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	56349	19.405	ug/l	99
25) 2-Butanone	6.984	43	52593	96.412	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	50016	18.699	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	37427	19.291	ug/l	86
28) Bromochloromethane	7.332	49	19641	19.706	ug/l	89
29) Tetrahydrofuran	7.344	42	35733	96.433	ug/l #	87
30) Chloroform	7.502	83	60046	19.157	ug/l	98
31) Cyclohexane	7.783	56	53862	18.765	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	54704	19.237	ug/l	98
36) 1,1-Dichloropropene	7.917	75	46748	18.938	ug/l	98
37) Ethyl Acetate	7.069	43	25151	19.642	ug/l	96
38) Carbon Tetrachloride	7.899	117	49012	18.980	ug/l	99
39) Methylcyclohexane	9.185	83	60958	19.132	ug/l #	88
40) Benzene	8.161	78	135693	19.063	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	33105	50.102	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	41098	19.663	ug/l	94
43) Isopropyl Acetate	8.270	43	46508	19.534	ug/l #	91
44) Trichloroethene	8.941	130	36560	19.398	ug/l	100
45) 1,2-Dichloropropane	9.215	63	32850	19.220	ug/l	97
46) Dibromomethane	9.307	93	21398	19.689	ug/l	94
47) Bromodichloromethane	9.496	83	48347	19.465	ug/l	96
48) Methyl methacrylate	9.295	41	20382	19.172	ug/l #	83
49) 1,4-Dioxane	9.301	88	5668	390.149	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	126188	95.767	ug/l	91
52) Toluene	10.246	92	94103	18.917	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	49436	18.743	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	54390	19.182	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	28610	18.817	ug/l	99
56) Ethyl methacrylate	10.508	69	35898	18.467	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	48385	19.508	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	81036	96.358	ug/l	96
59) 2-Hexanone	10.831	43	87859	97.387	ug/l	90
60) Dibromochloromethane	10.983	129	34428	18.679	ug/l	99
61) 1,2-Dibromoethane	11.087	107	28403	18.852	ug/l	99
64) Tetrachloroethene	10.715	164	31836	19.023	ug/l	96
65) Chlorobenzene	11.514	112	99465	18.847	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	35697	18.473	ug/l	96
67) Ethyl Benzene	11.593	91	177767	18.691	ug/l	97
68) m/p-Xylenes	11.703	106	144535	37.436	ug/l	92
69) o-Xylene	12.026	106	67973	18.959	ug/l	89
70) Styrene	12.044	104	113412	18.394	ug/l	95
71) Bromoform	12.209	173	22593	17.637	ug/l #	98
73) Isopropylbenzene	12.331	105	180059	18.897	ug/l	100
74) N-amyl acetate	12.142	43	43888	19.964	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	38214	19.469	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	46954	34.313	ug/l #	100
77) Bromobenzene	12.611	156	41985	19.009	ug/l	95
78) n-propylbenzene	12.672	91	224455	20.389	ug/l	98
79) 2-Chlorotoluene	12.757	91	121708	19.167	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	149508	18.720	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	12393	18.588	ug/l	87
82) 4-Chlorotoluene	12.855	91	130621	19.232	ug/l	98
83) tert-Butylbenzene	13.074	119	135400	19.110	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	154940	19.543	ug/l	99
85) sec-Butylbenzene	13.251	105	209457	19.321	ug/l	99
86) p-Isopropyltoluene	13.367	119	175039	19.362	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	89227	18.938	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	90230	19.062	ug/l	98
89) n-Butylbenzene	13.696	91	165690	20.034	ug/l	100
90) Hexachloroethane	13.958	117	32668	19.283	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	82174	19.758	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6295	20.658	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	43841	19.207	ug/l	99
94) Hexachlorobutadiene	15.111	225	24468	19.668	ug/l	100
95) Naphthalene	15.239	128	89244	19.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37903	19.109	ug/l	99

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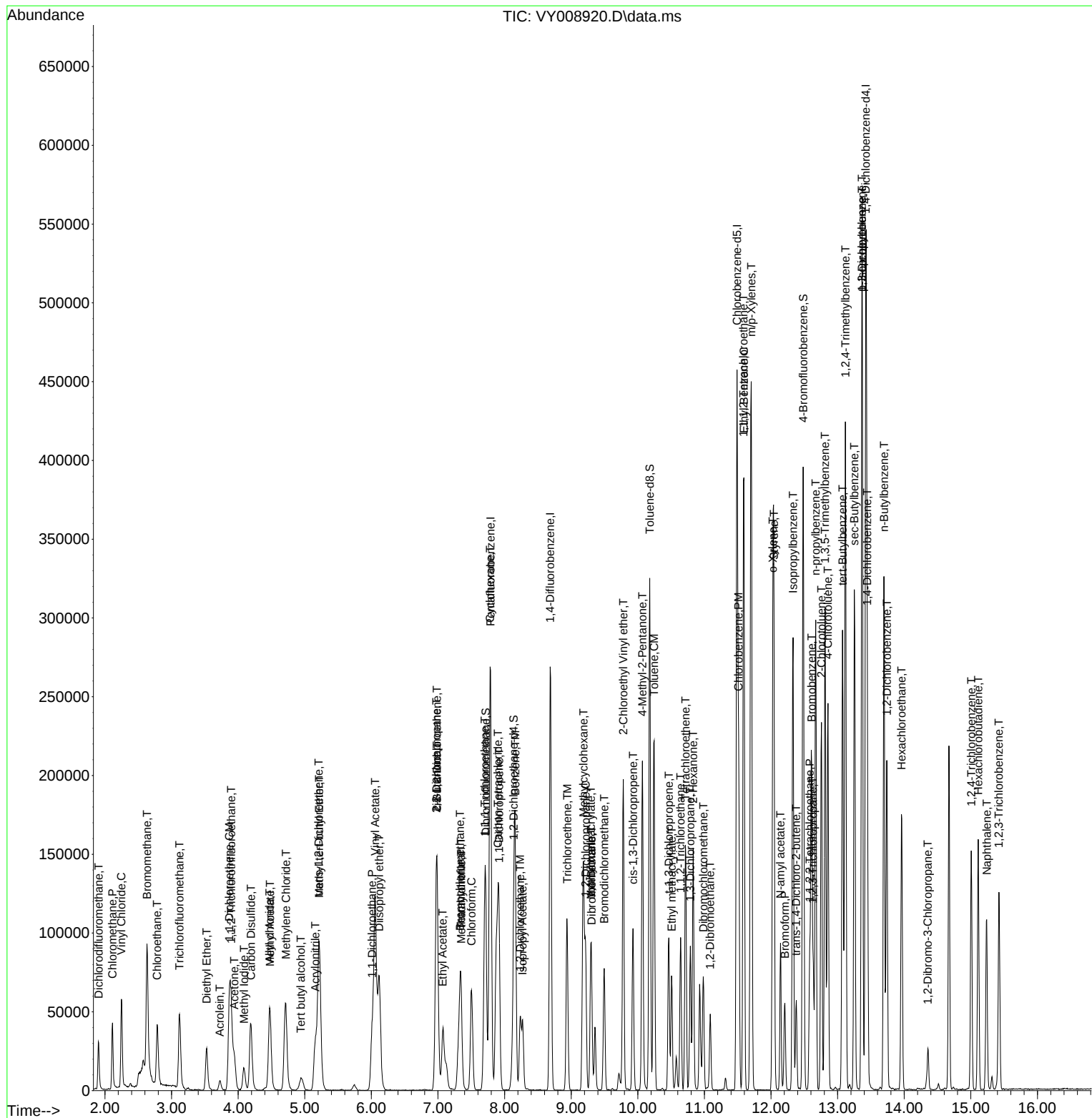
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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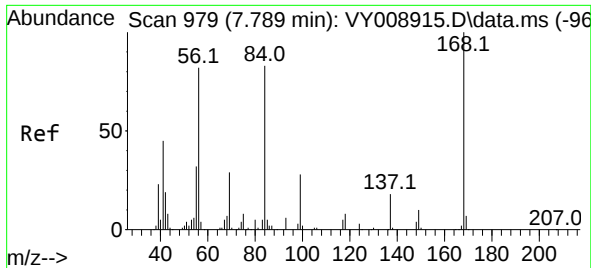
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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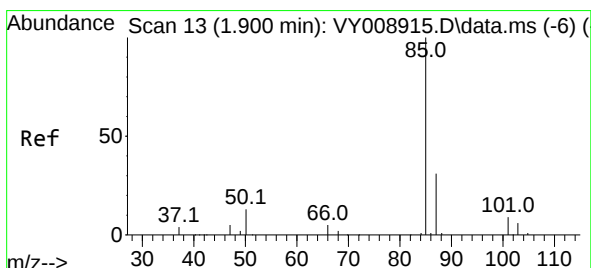
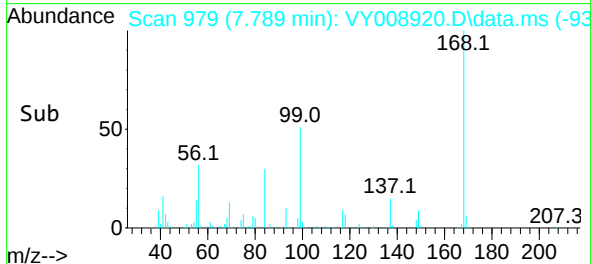
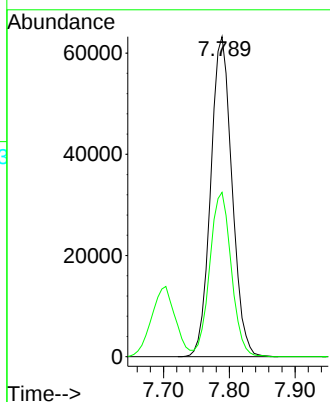
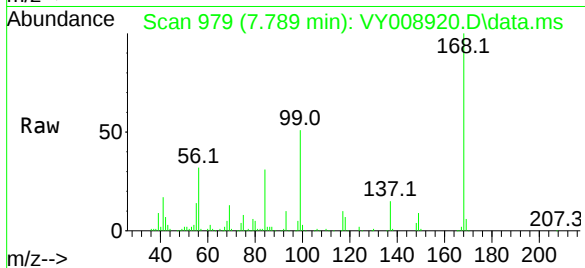




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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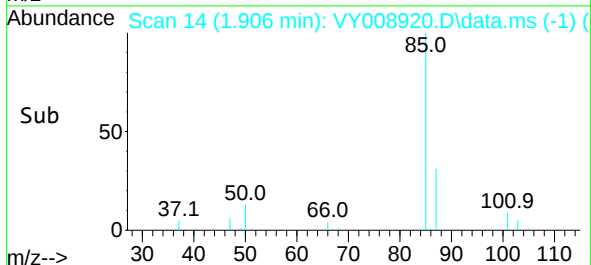
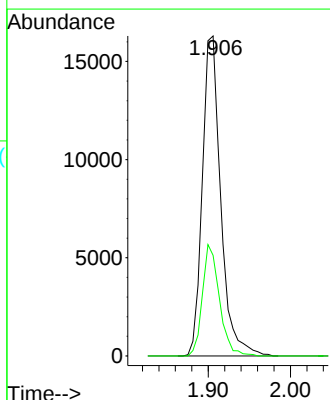
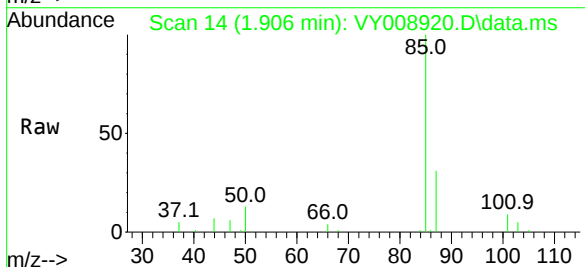
Instrument :
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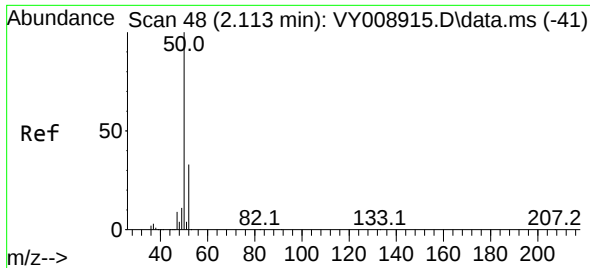
Tgt Ion:168 Resp: 142562
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.454 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 85 Resp: 25366
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2

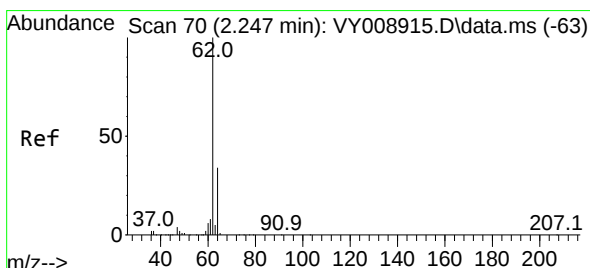
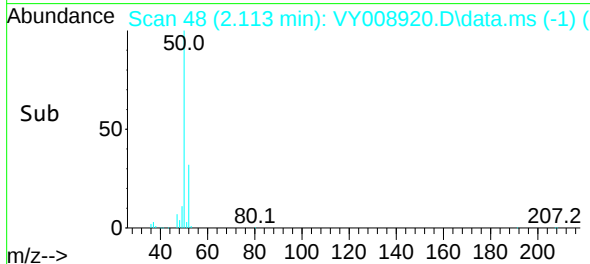
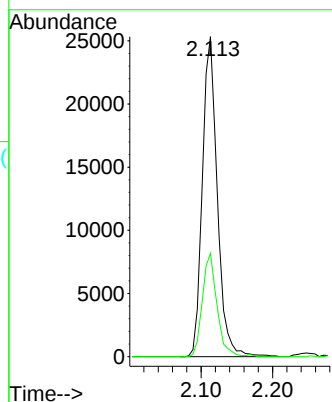
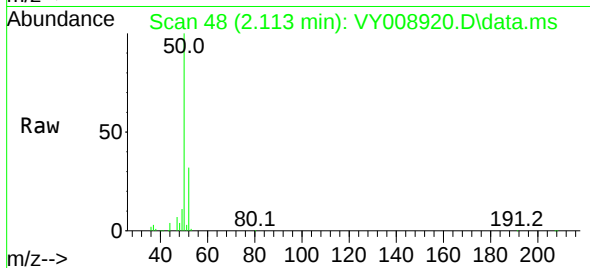




#3
Chloromethane
Concen: 19.668 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

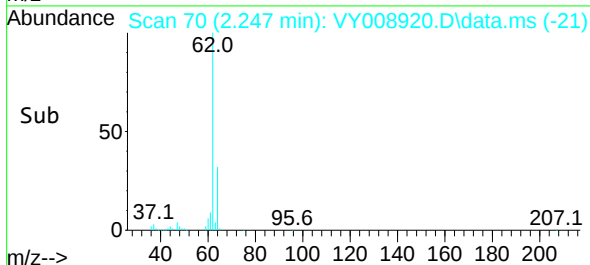
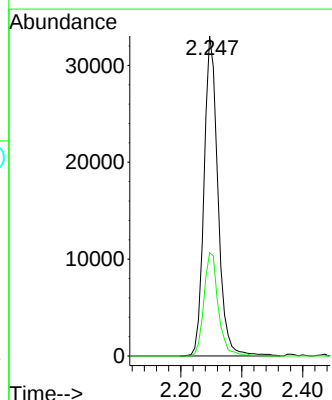
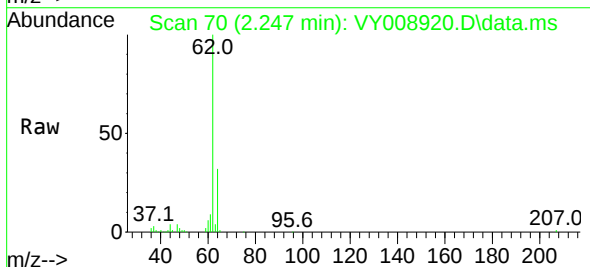
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ClientSampleId :
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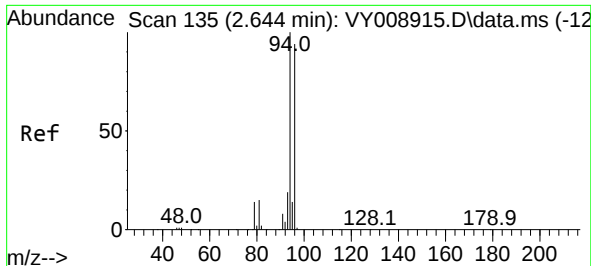
Tgt Ion: 50 Resp: 36740
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: 18.971 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 62 Resp: 52503
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

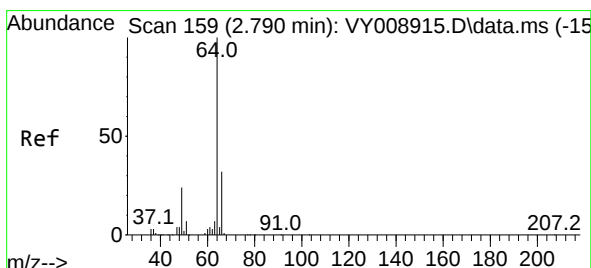
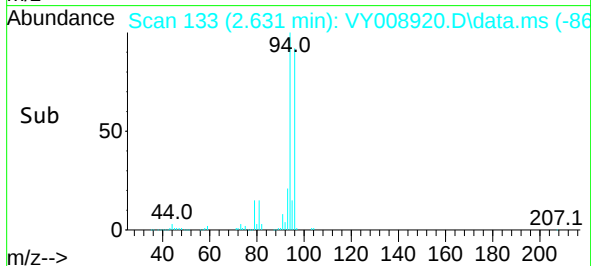
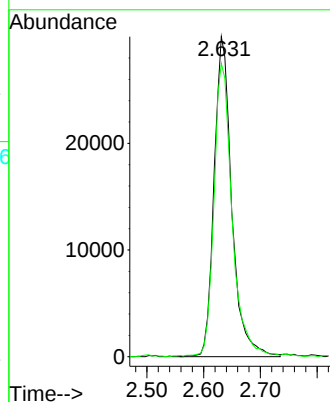
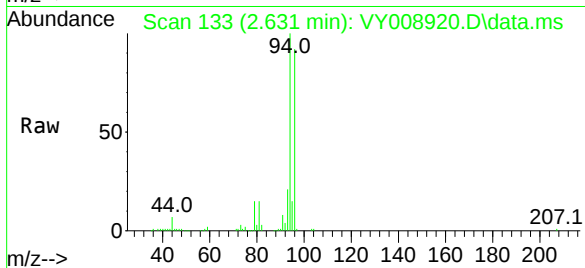




#5
Bromomethane
Concen: 23.892 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY008920.D
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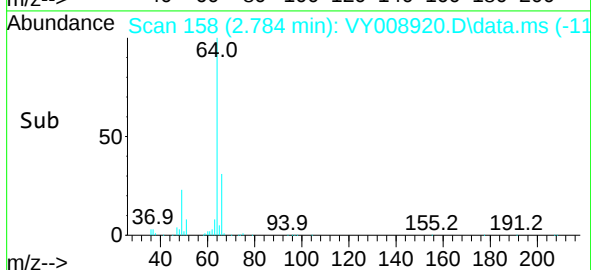
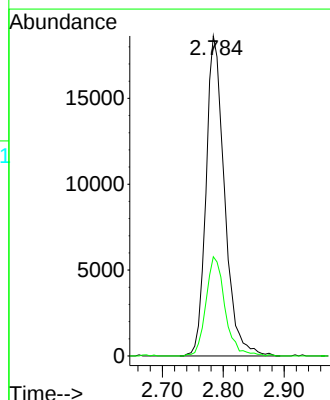
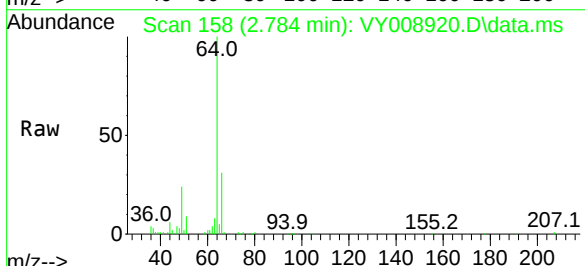
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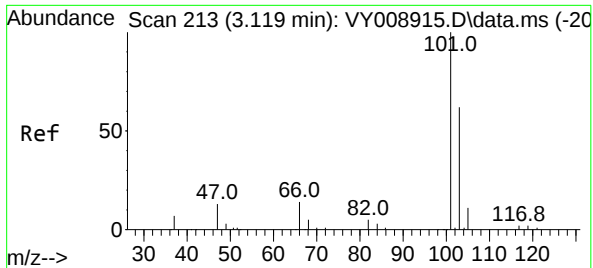
Tgt Ion: 94 Resp: 64815
Ion Ratio Lower Upper
94 100
96 91.2 73.5 110.3



#6
Chloroethane
Concen: 20.050 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008920.D
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Tgt Ion: 64 Resp: 39310
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0

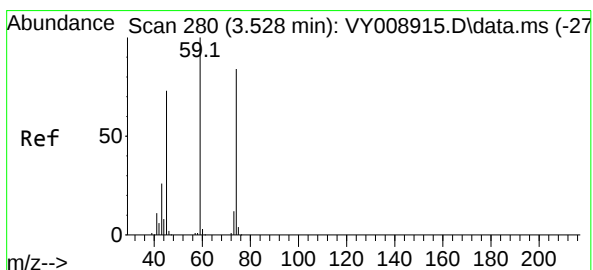
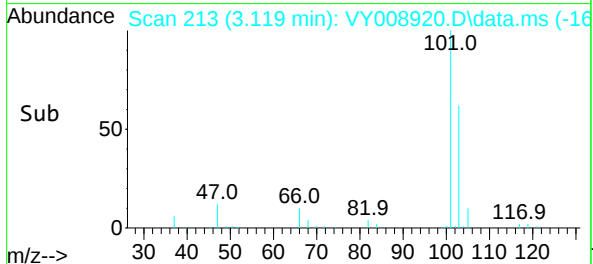
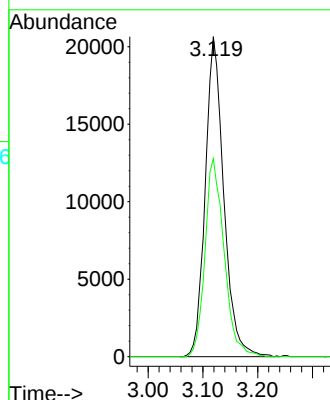
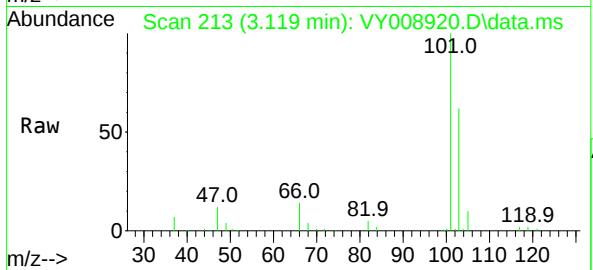




#7
Trichlorofluoromethane
Concen: 20.584 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

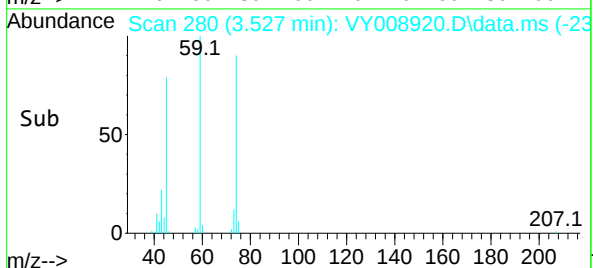
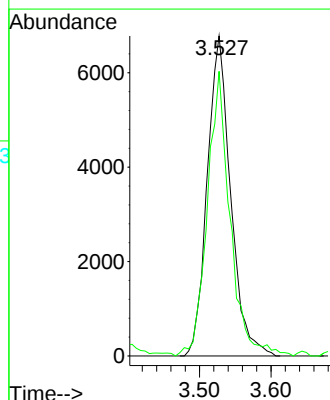
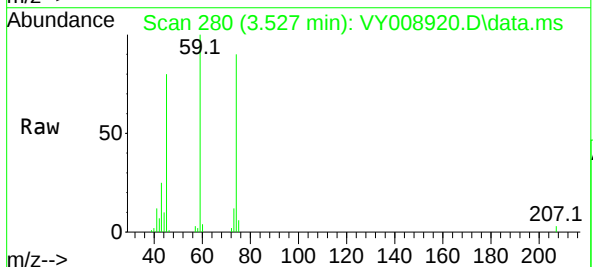
Instrument :
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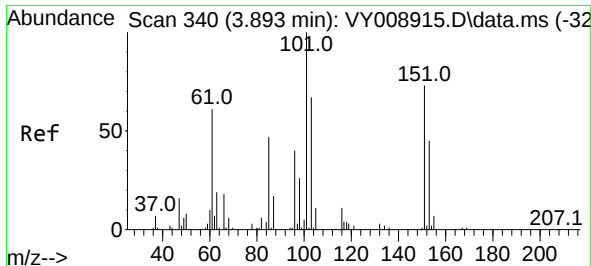
Tgt Ion:101 Resp: 48377
Ion Ratio Lower Upper
101 100
103 61.9 48.0 72.0



#8
Diethyl Ether
Concen: 20.960 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 74 Resp: 15403
Ion Ratio Lower Upper
74 100
45 86.6 55.1 165.5

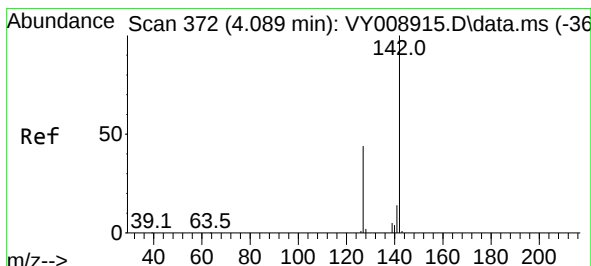
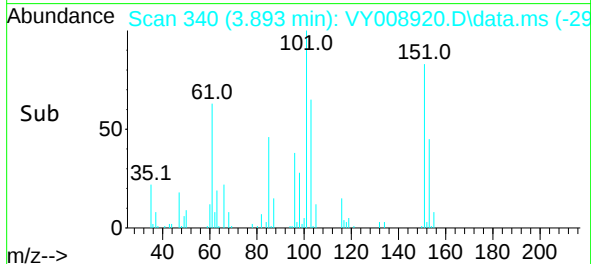
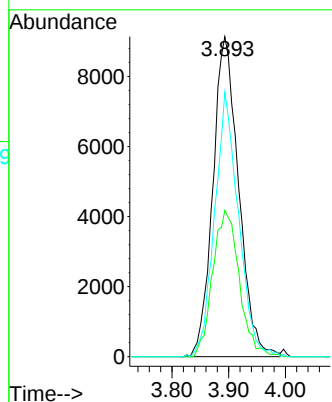
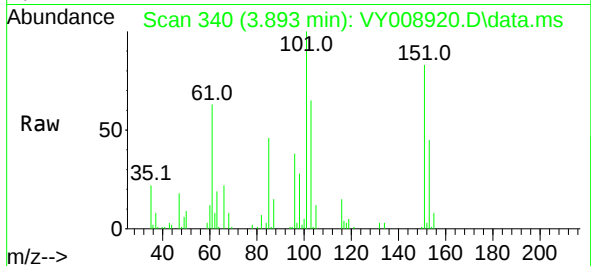




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.963 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

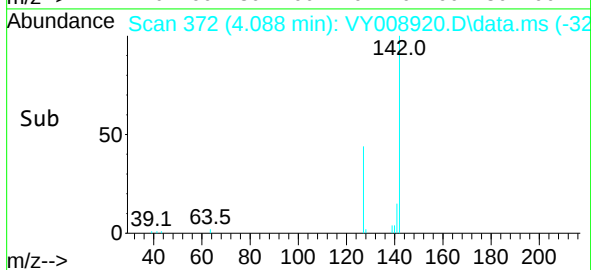
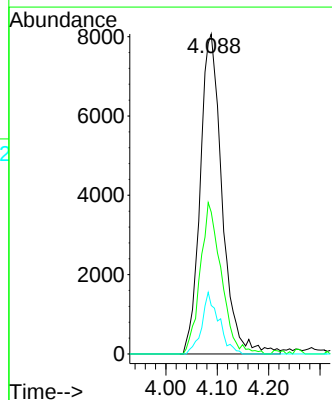
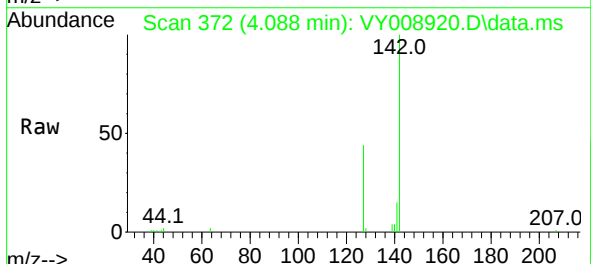
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

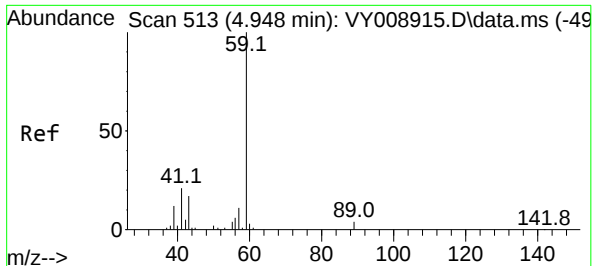
Tgt Ion:101 Resp: 28835
Ion Ratio Lower Upper
101 100
85 47.1 40.6 60.8
151 76.7 64.9 97.3



#10
Methyl Iodide
Concen: 16.033 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:142 Resp: 23914
Ion Ratio Lower Upper
142 100
127 45.5 41.5 62.3
141 15.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 99.587 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

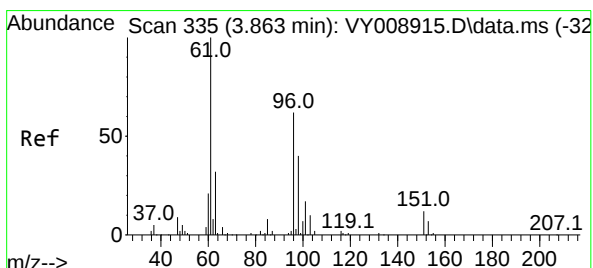
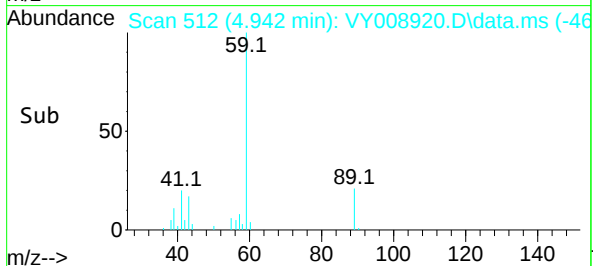
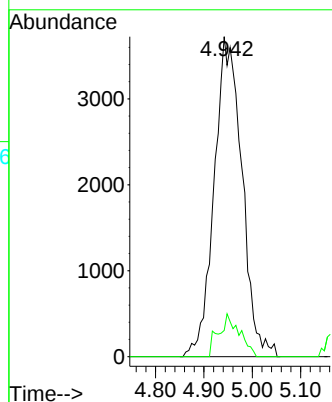
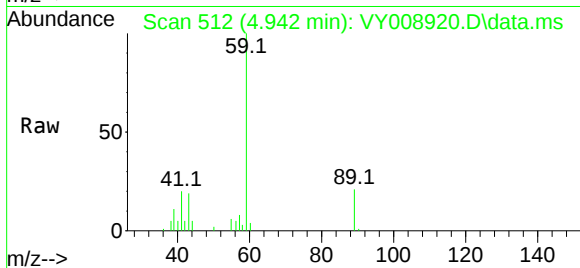
VY0520SBS01

Tgt Ion: 59 Resp: 14821

Ion Ratio Lower Upper

59 100

57 7.9 6.4 9.6



#12

1,1-Dichloroethene

Concen: 19.702 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

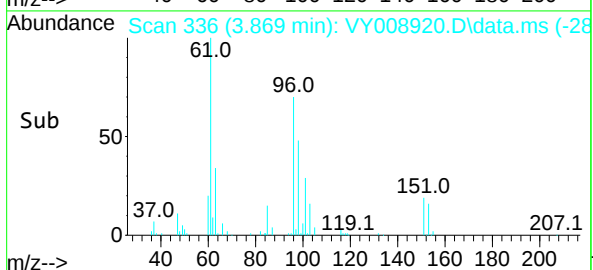
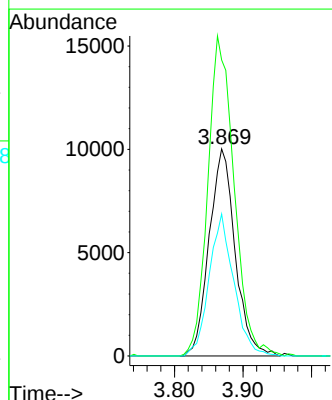
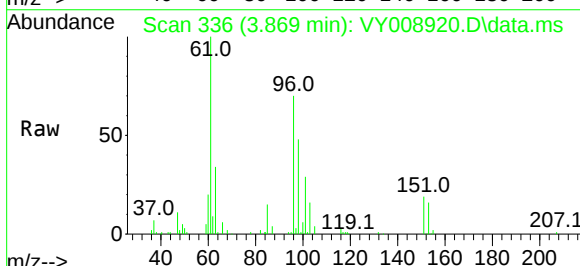
Tgt Ion: 96 Resp: 26418

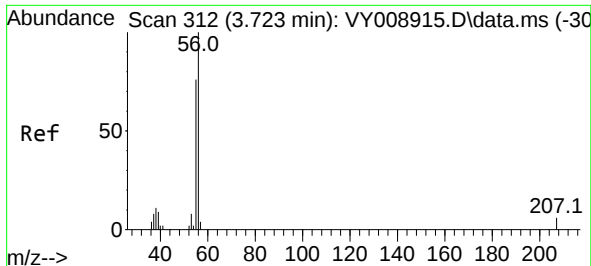
Ion Ratio Lower Upper

96 100

61 142.9 145.8 218.6#

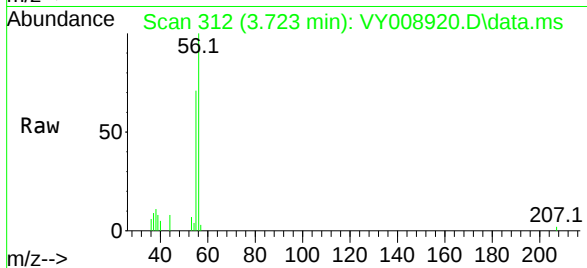
98 68.6 52.5 78.7



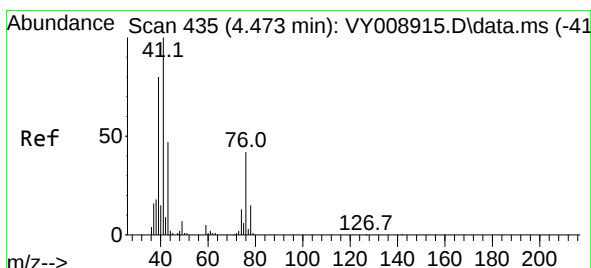
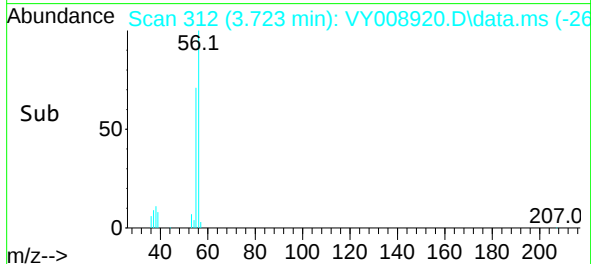
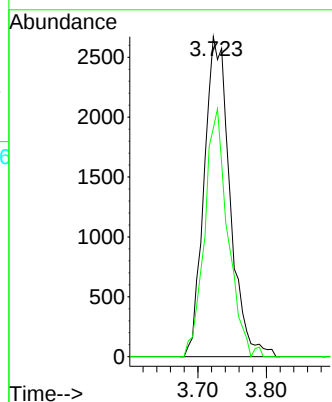


#13
Acrolein
Concen: 142.753 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

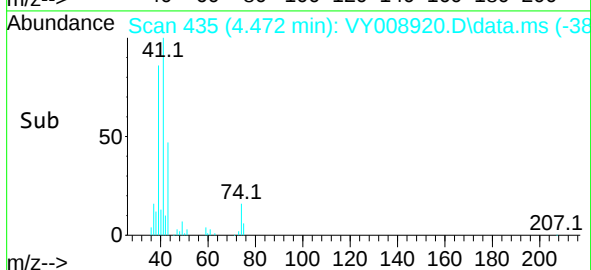
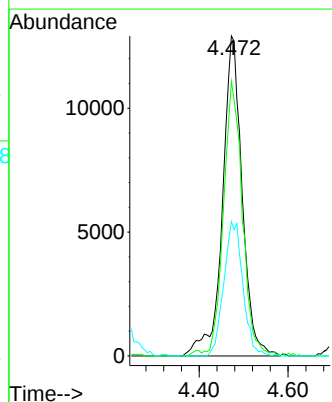
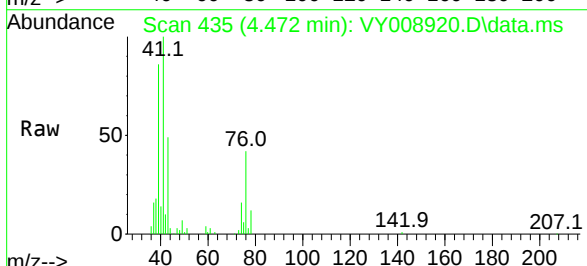


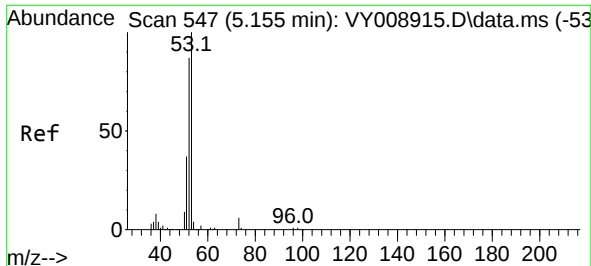
Tgt Ion: 56 Resp: 6993
Ion Ratio Lower Upper
56 100
55 69.9 57.6 86.4



#14
Allyl chloride
Concen: 19.621 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 41 Resp: 39650
Ion Ratio Lower Upper
41 100
39 82.1 58.8 88.2
76 40.7 25.1 37.7#

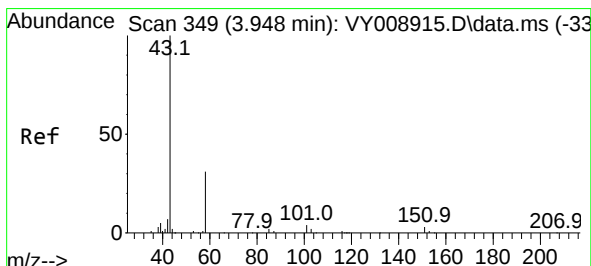
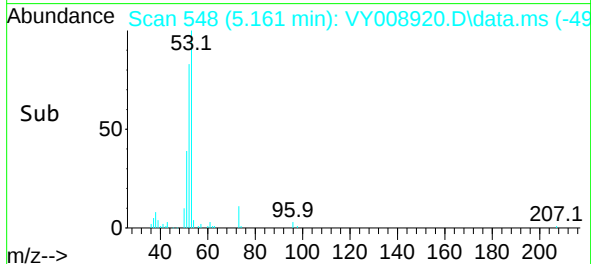
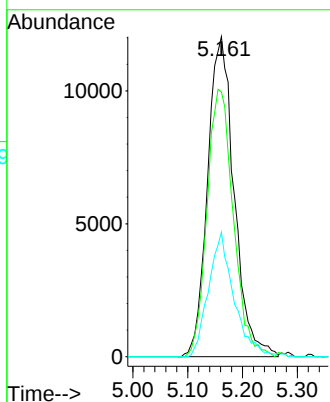
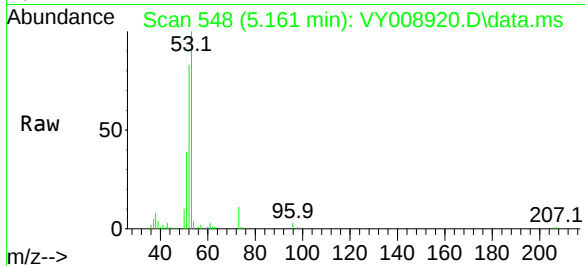




#15
Acrylonitrile
Concen: 98.372 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

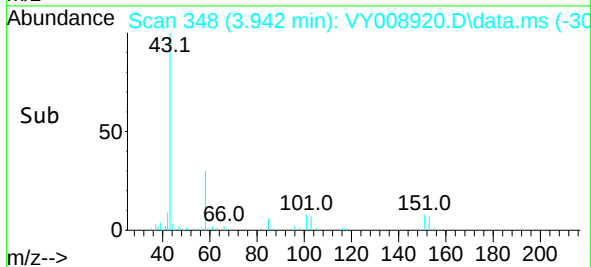
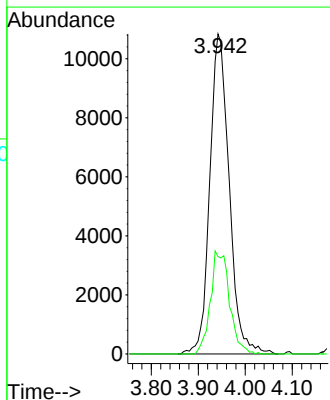
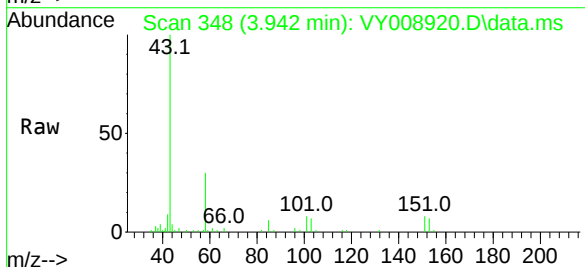
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

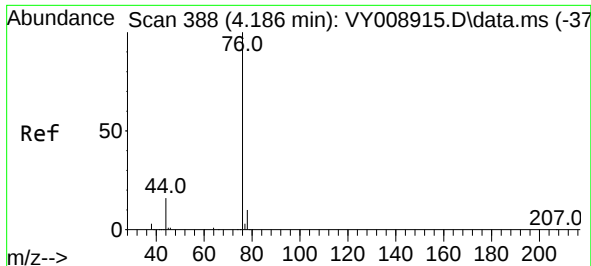
Tgt Ion: 53 Resp: 40477
Ion Ratio Lower Upper
53 100
52 82.7 67.0 100.4
51 37.0 29.8 44.6



#16
Acetone
Concen: 101.646 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 43 Resp: 31044
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0

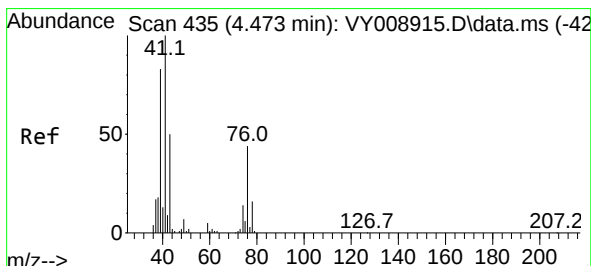
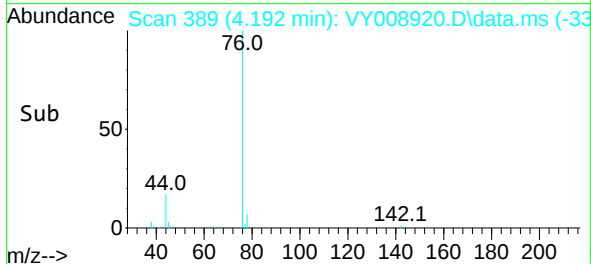
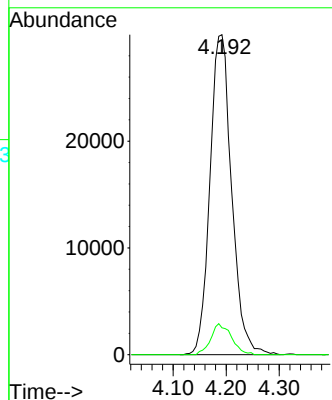
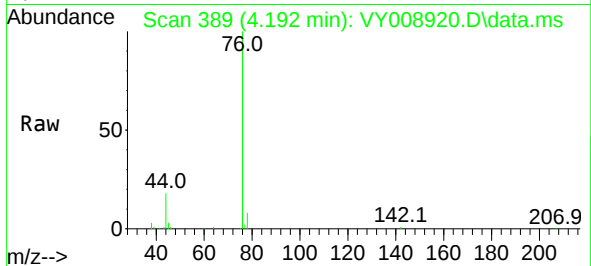




#17
Carbon Disulfide
Concen: 19.425 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

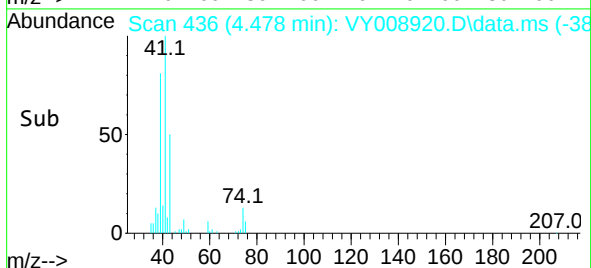
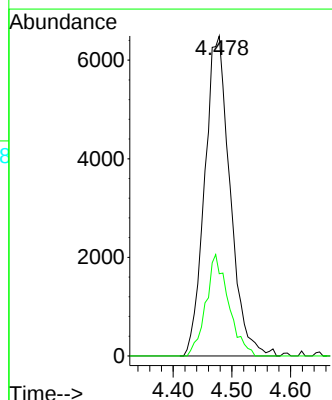
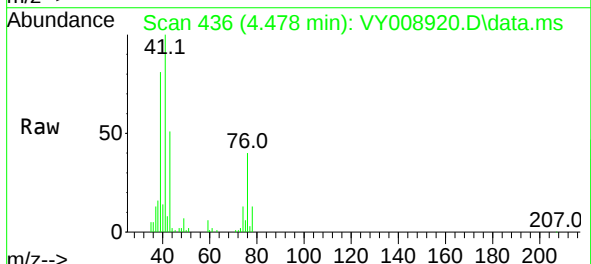
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 76 Resp: 85094
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 20.495 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 43 Resp: 19492
Ion Ratio Lower Upper
43 100
74 28.3 16.6 24.8#

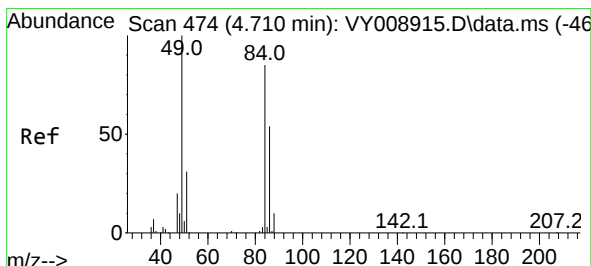
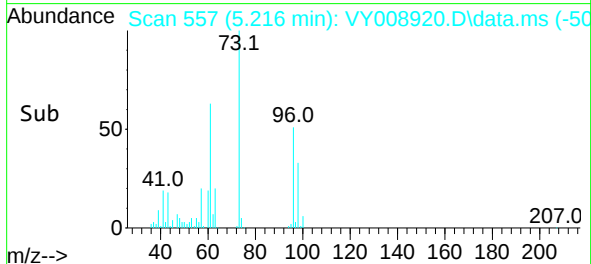
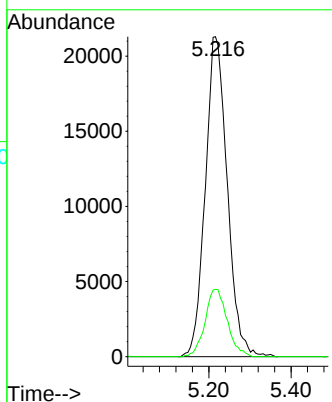
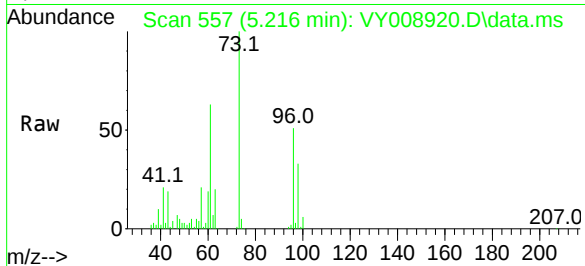




#19
Methyl tert-butyl Ether
Concen: 19.615 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

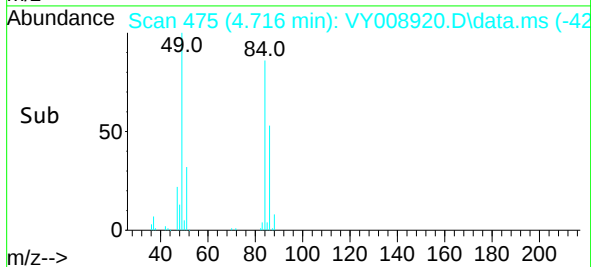
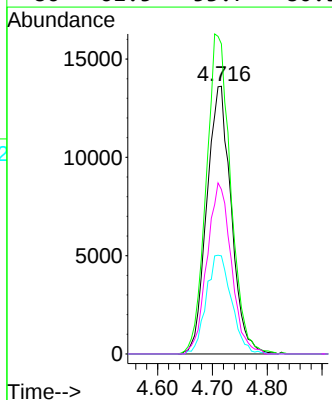
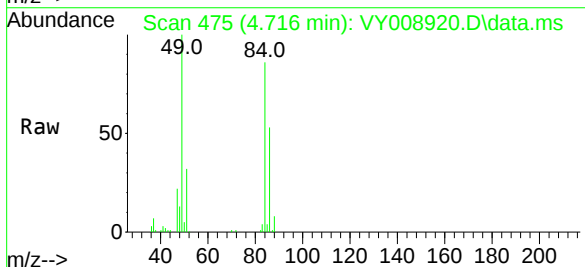
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

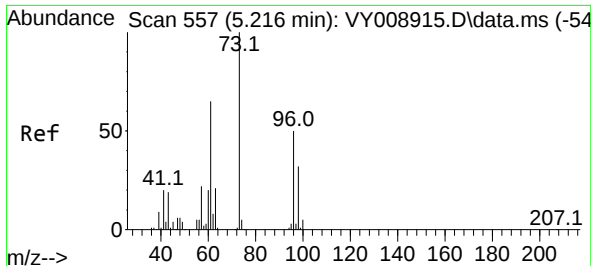
Tgt Ion: 73 Resp: 78944
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8



#20
Methylene Chloride
Concen: 19.765 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 84 Resp: 42047
Ion Ratio Lower Upper
84 100
49 115.8 114.4 171.6
51 36.6 35.3 52.9
86 61.5 53.7 80.5

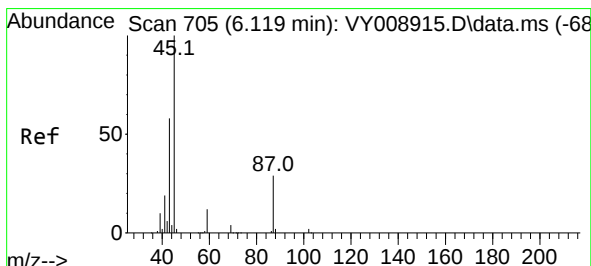
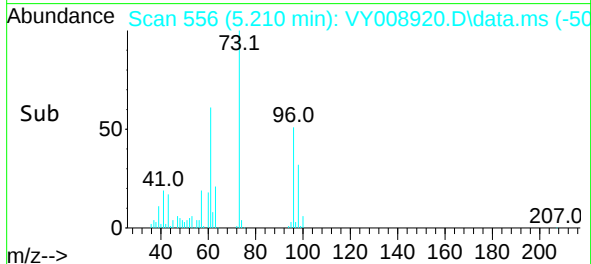
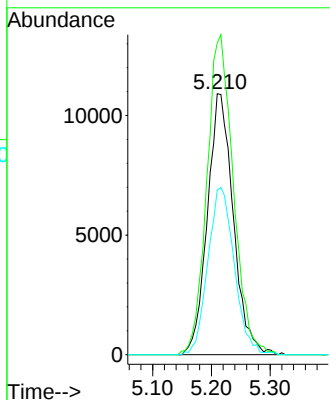
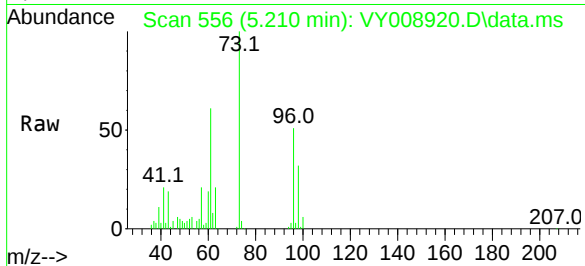




#21
trans-1,2-Dichloroethene
Concen: 19.393 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

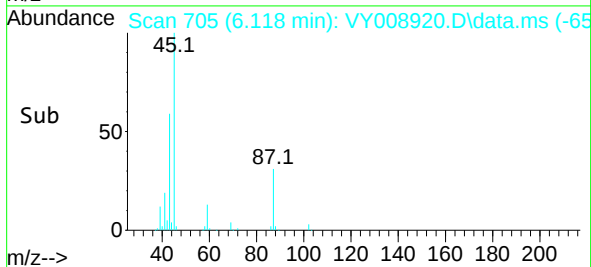
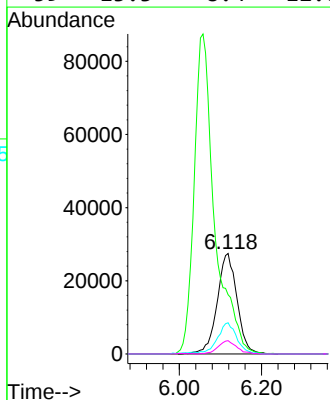
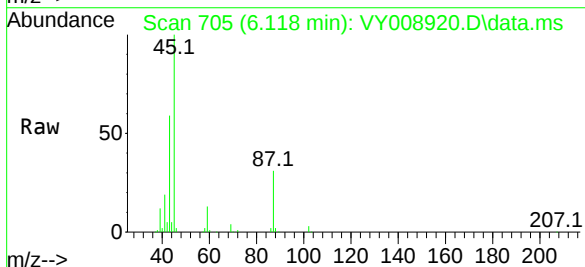
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

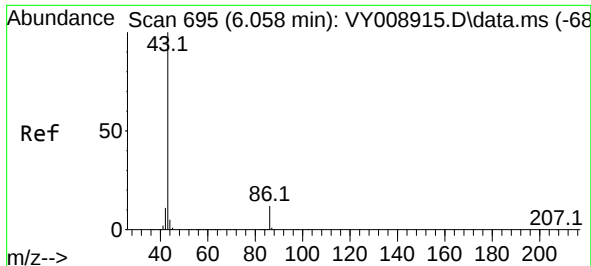
Tgt Ion: 96 Resp: 33377
Ion Ratio Lower Upper
96 100
61 119.5 120.5 180.7#
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 18.959 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 45 Resp: 92044
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 31.0 19.2 28.8#
59 13.3 8.4 12.6#

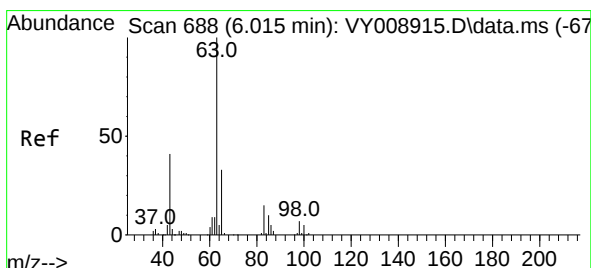
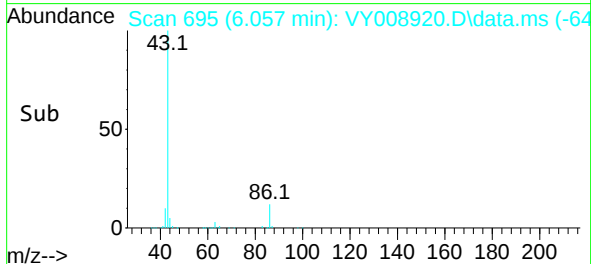
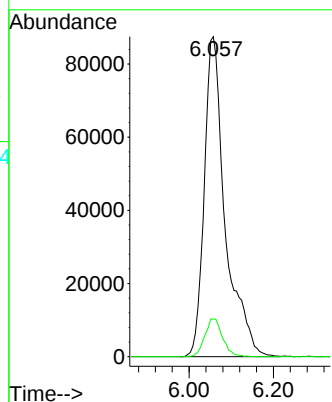
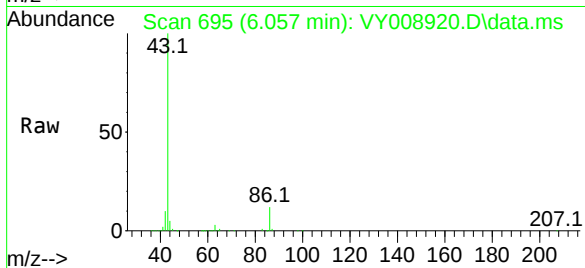




#23
 Vinyl Acetate
 Concen: 94.210 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY008920.D
 Acq: 20 May 2022 22:31

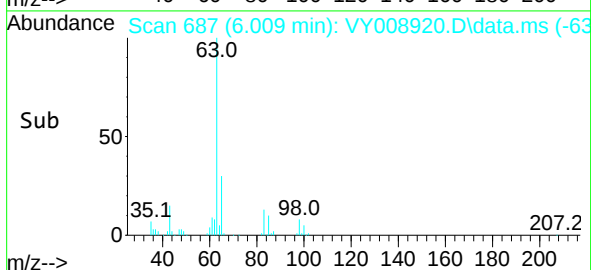
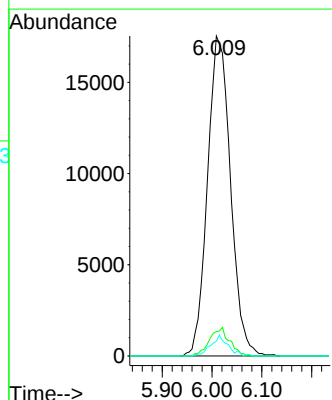
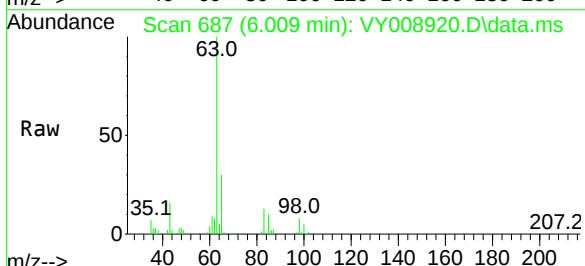
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

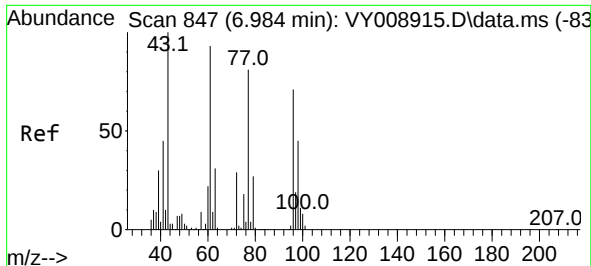
Tgt Ion: 43 Resp: 302545
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.405 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008920.D
 Acq: 20 May 2022 22:31

Tgt Ion: 63 Resp: 56349
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.6 2.0 5.8

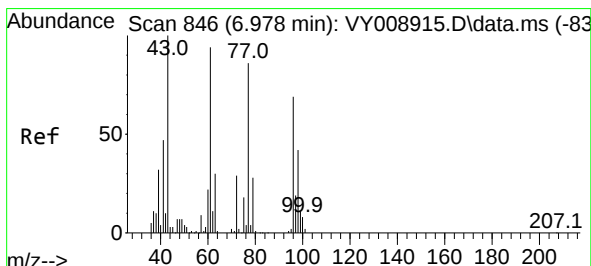
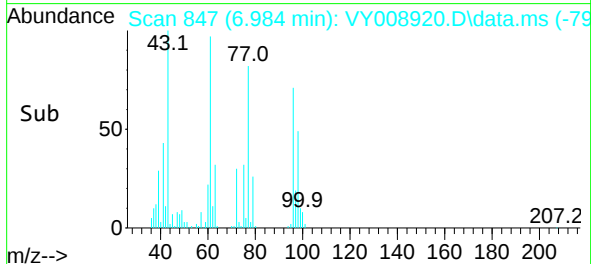
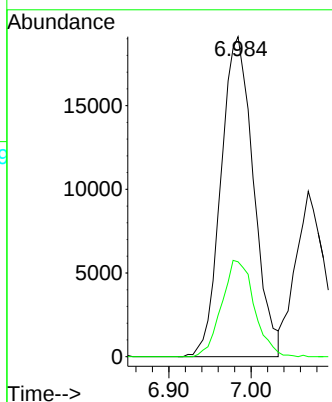
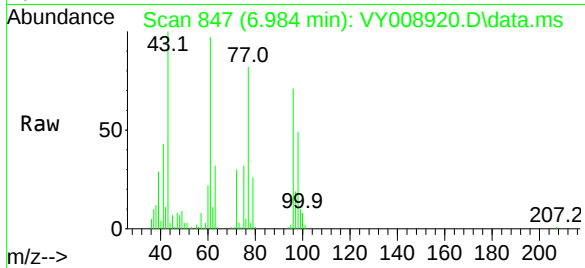




#25
2-Butanone
Concen: 96.412 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

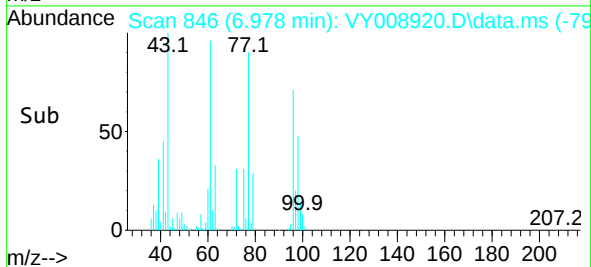
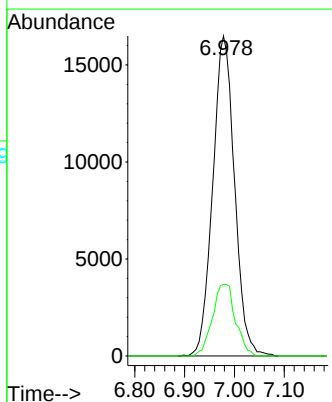
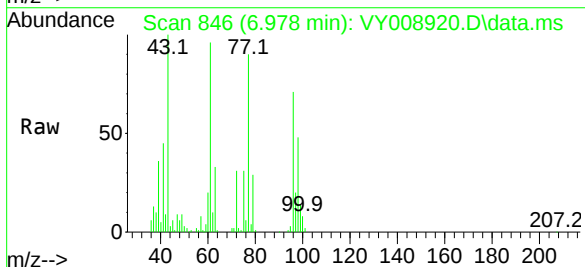
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

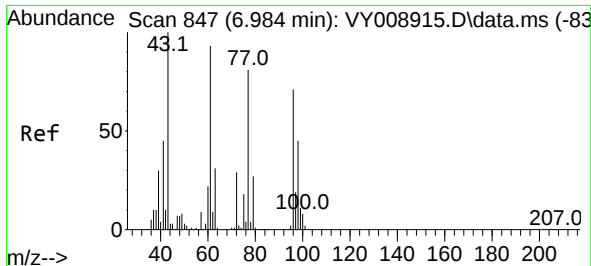
Tgt Ion: 43 Resp: 52593
Ion Ratio Lower Upper
43 100
72 29.7 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 18.699 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 77 Resp: 50016
Ion Ratio Lower Upper
77 100
97 23.6 10.4 31.4



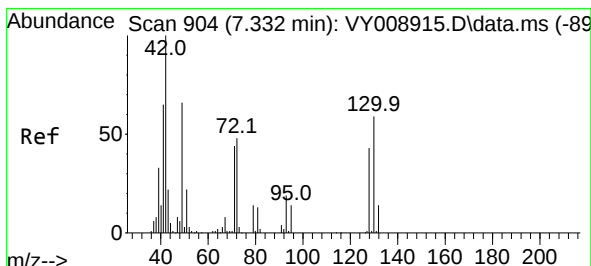
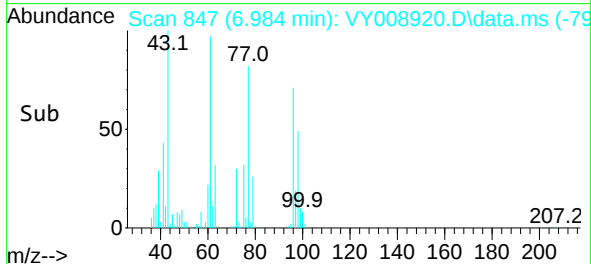
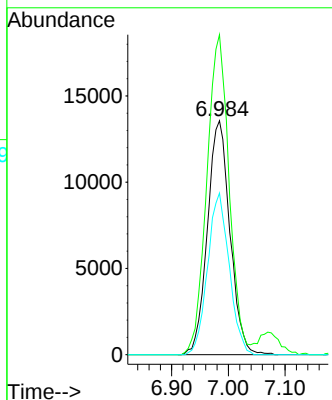
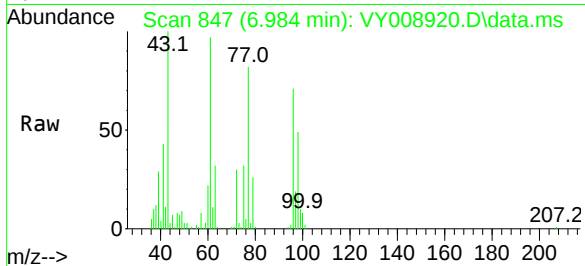


#27
 cis-1,2-Dichloroethene
 Concen: 19.291 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008920.D
 Acq: 20 May 2022 22:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Tgt Ion: 96 Resp: 37427

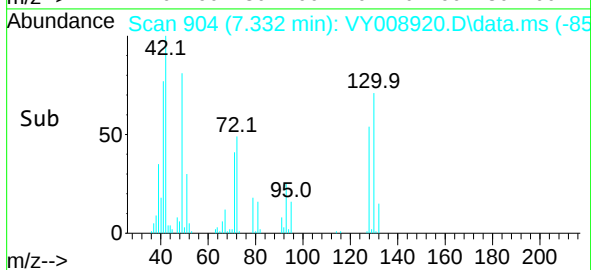
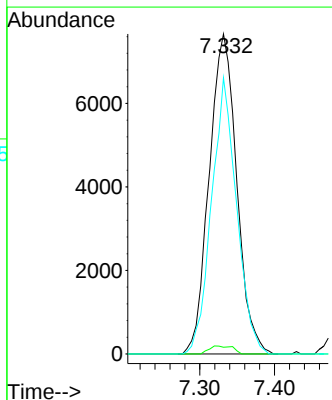
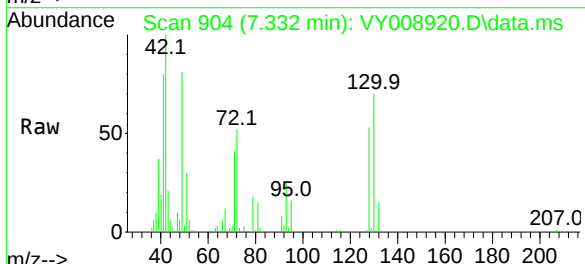
Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	319.8
98	66.3	0.0	127.0

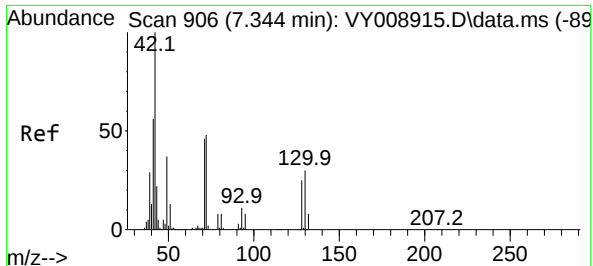


#28
 Bromochloromethane
 Concen: 19.706 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY008920.D
 Acq: 20 May 2022 22:31

Tgt Ion: 49 Resp: 19641

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	78.7	55.4	83.0





#29

Tetrahydrofuran

Concen: 96.433 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

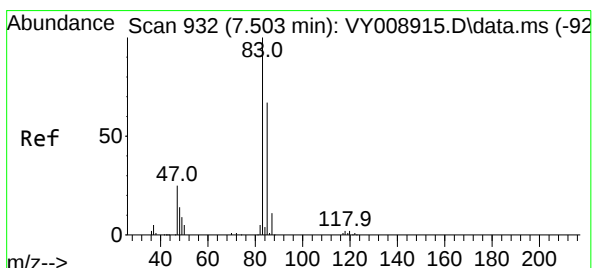
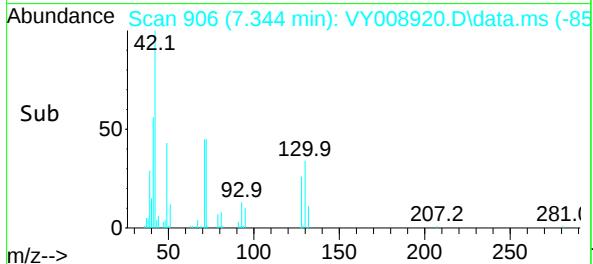
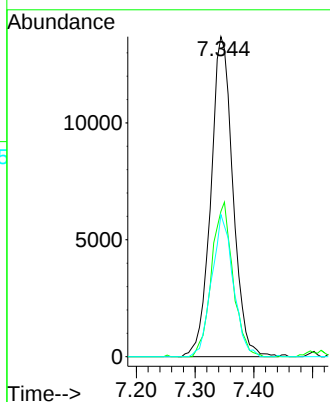
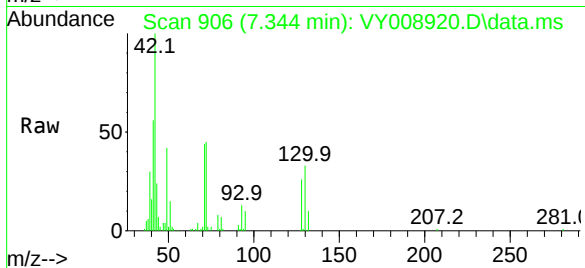
Tgt Ion: 42 Resp: 35733

Ion Ratio Lower Upper

42 100

72 46.6 30.3 45.5#

71 43.1 29.0 43.4



#30

Chloroform

Concen: 19.157 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY008920.D

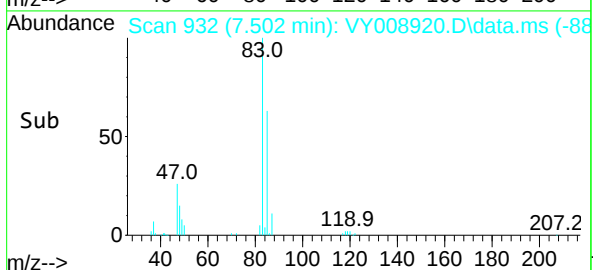
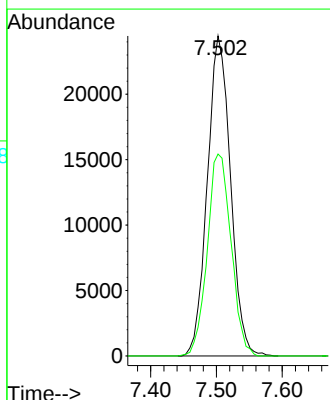
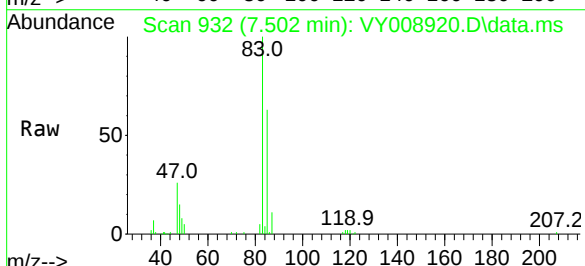
Acq: 20 May 2022 22:31

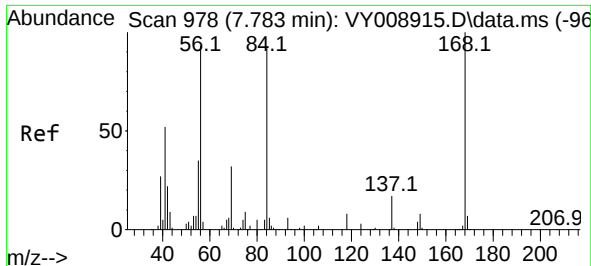
Tgt Ion: 83 Resp: 60046

Ion Ratio Lower Upper

83 100

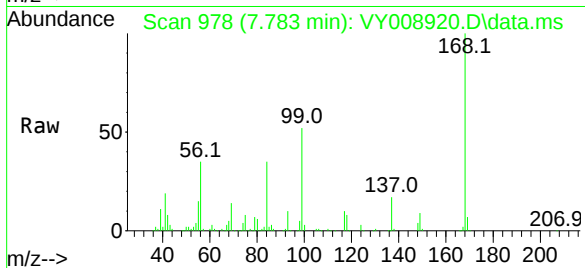
85 63.1 51.8 77.6



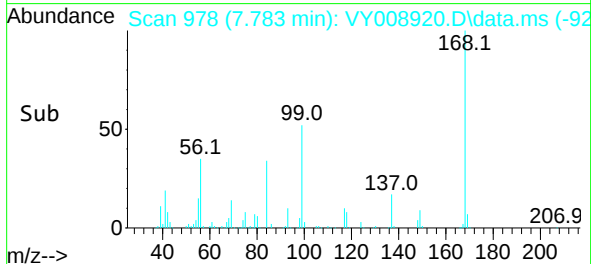
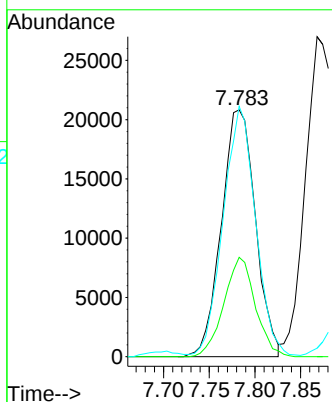


#31
Cyclohexane
Concen: 18.765 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

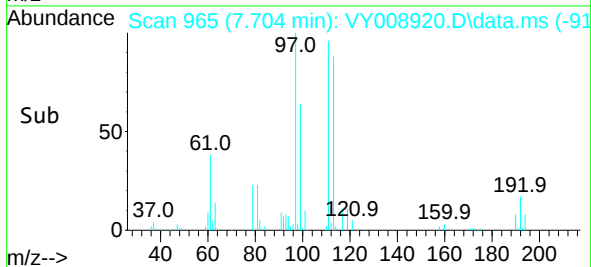
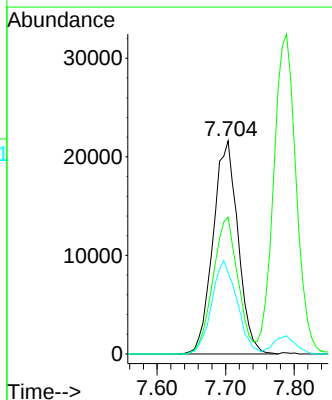
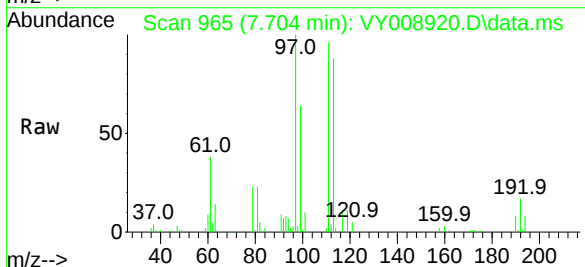


Tgt Ion: 56 Resp: 53862
Ion Ratio Lower Upper
56 100
69 40.2 26.7 40.1#
84 100.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.237 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 97 Resp: 54704
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 44.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 40.123 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

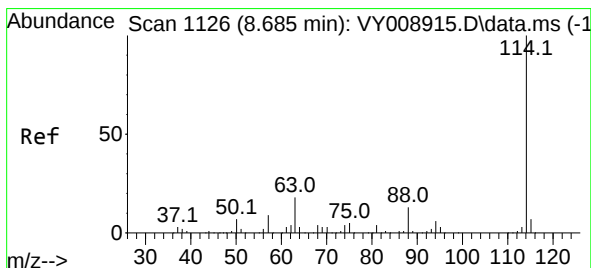
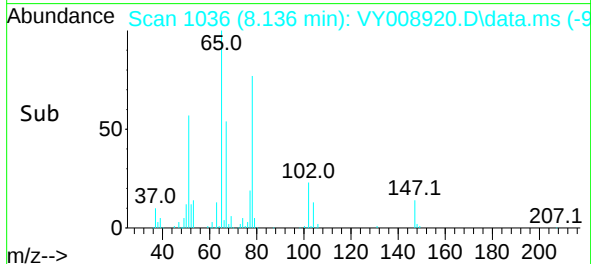
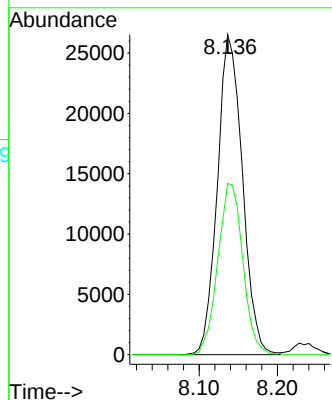
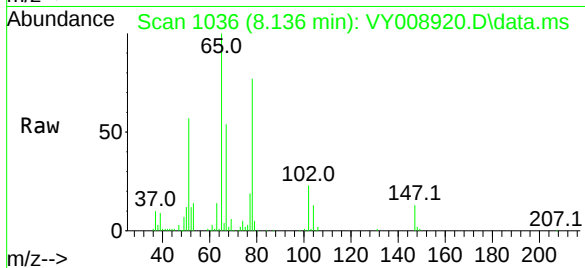
VY0520SBS01

Tgt Ion: 65 Resp: 58869

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

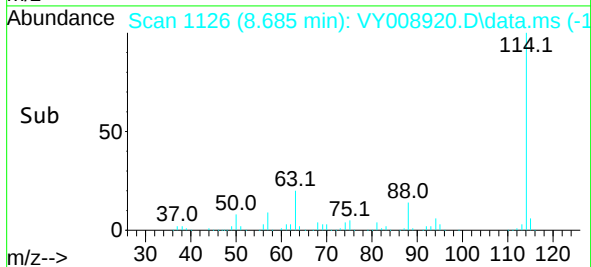
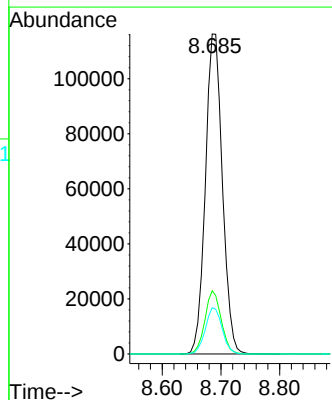
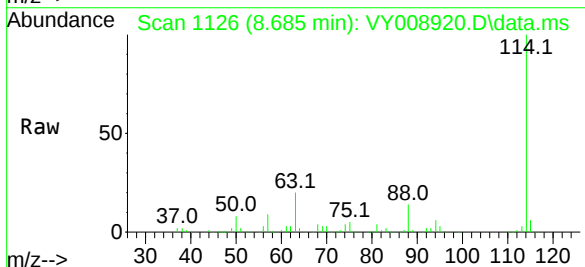
Tgt Ion: 114 Resp: 233257

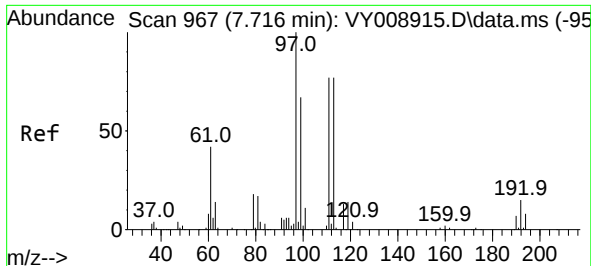
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.4 0.0 31.8

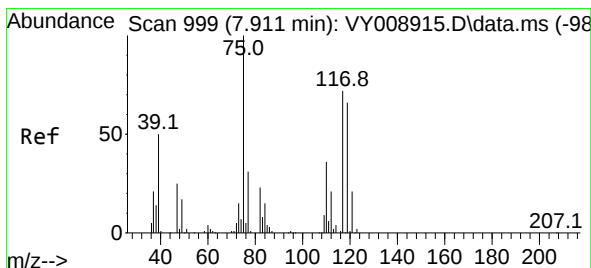
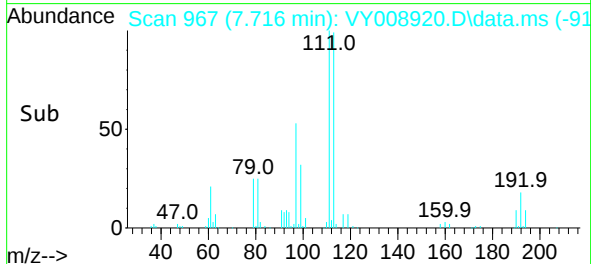
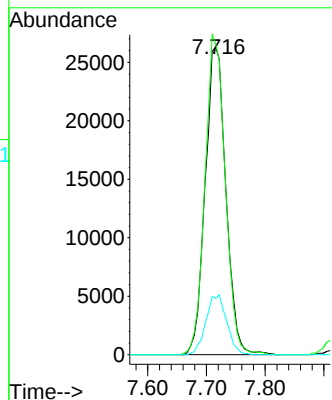
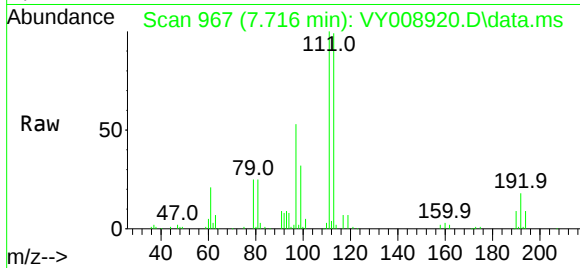




#35
Dibromofluoromethane
Concen: 44.402 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

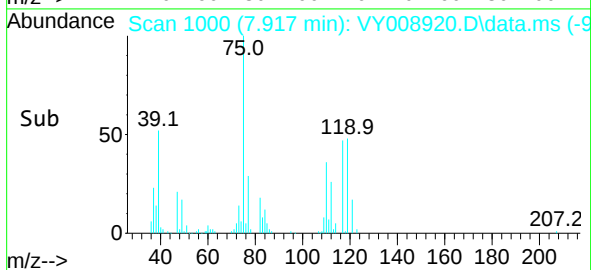
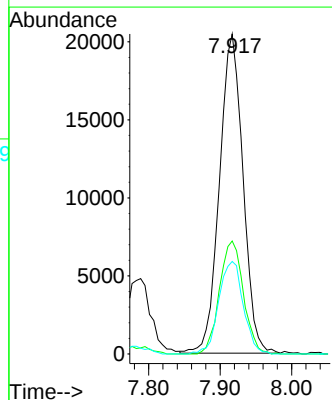
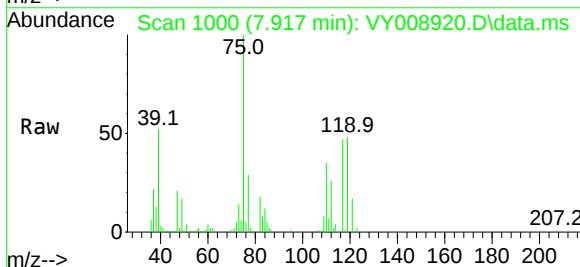
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

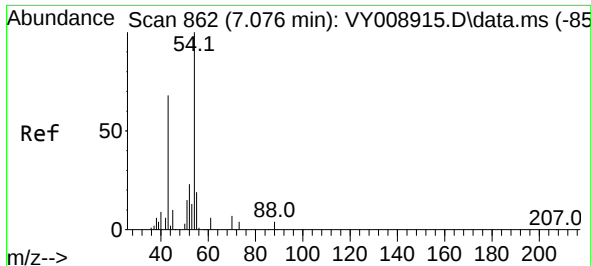
Tgt Ion:113 Resp: 64405
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.938 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 75 Resp: 46748
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 19.642 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.007 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

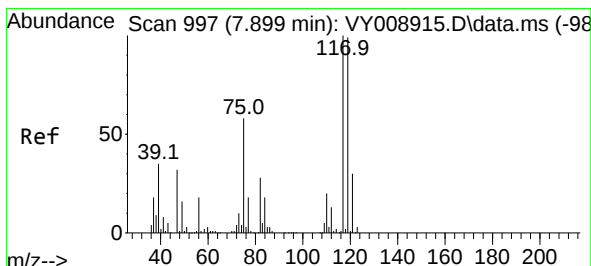
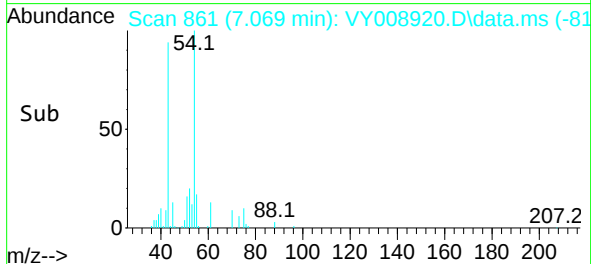
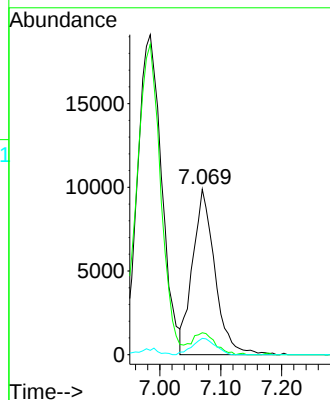
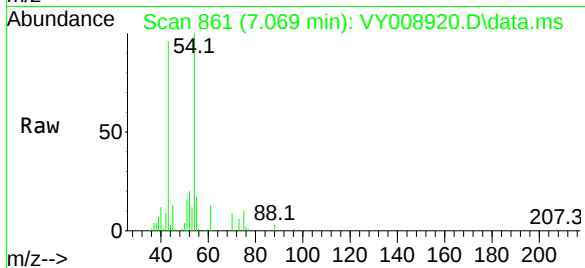
Tgt Ion: 43 Resp: 25151

Ion Ratio Lower Upper

43 100

61 14.1 9.7 14.5

70 10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.980 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

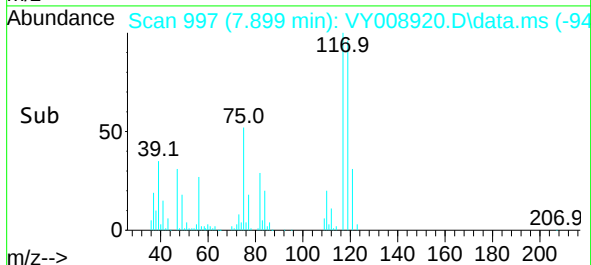
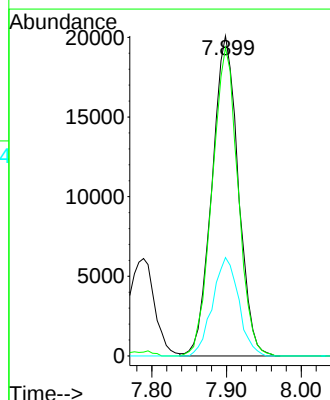
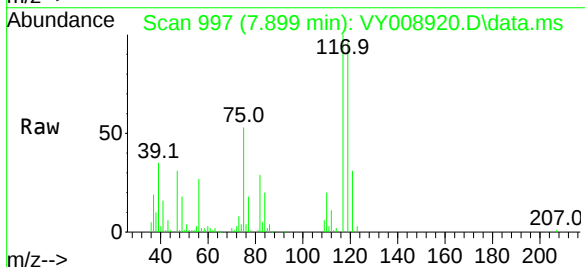
Tgt Ion: 117 Resp: 49012

Ion Ratio Lower Upper

117 100

119 96.4 77.9 116.9

121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 19.132 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

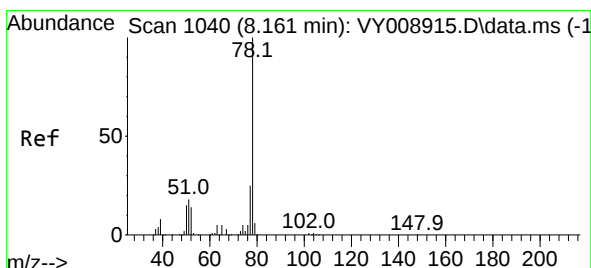
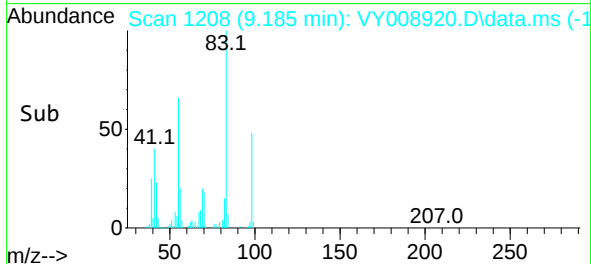
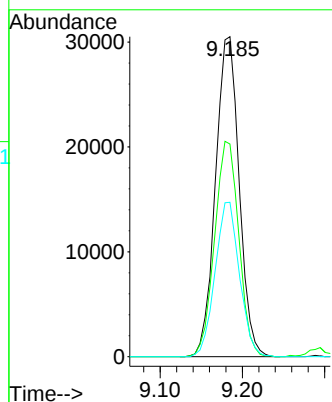
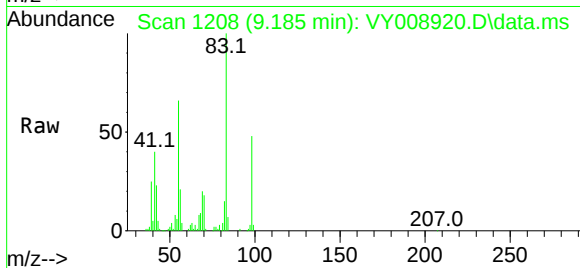
Tgt Ion: 83 Resp: 60958

Ion Ratio Lower Upper

83 100

55 66.4 66.5 99.7#

98 48.2 37.9 56.9



#40

Benzene

Concen: 19.063 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008920.D

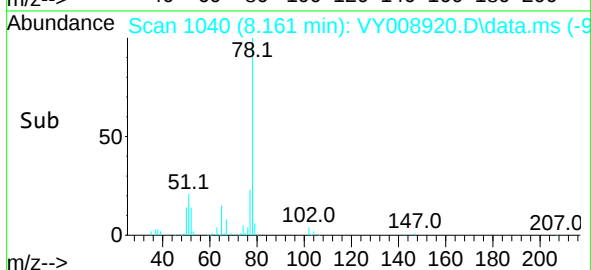
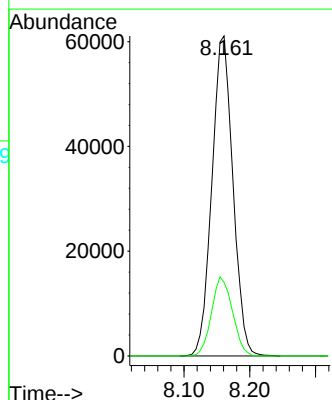
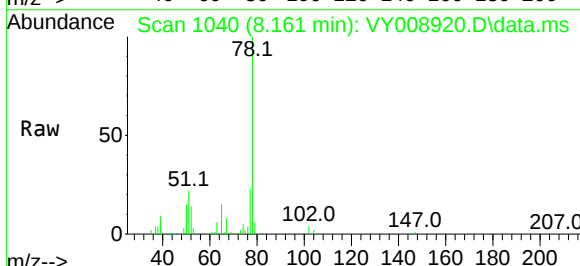
Acq: 20 May 2022 22:31

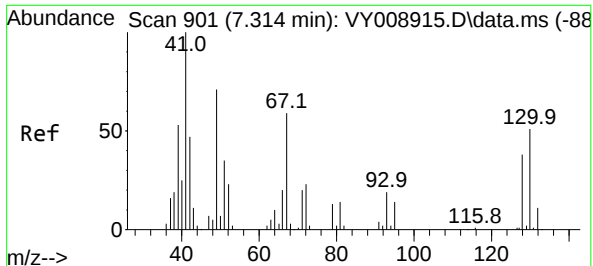
Tgt Ion: 78 Resp: 135693

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

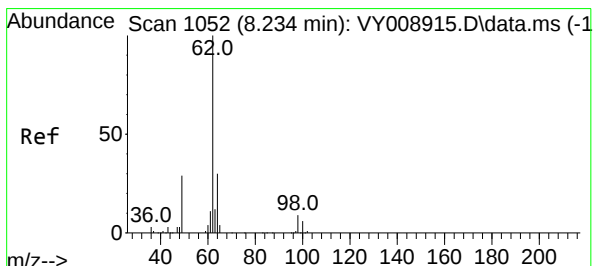
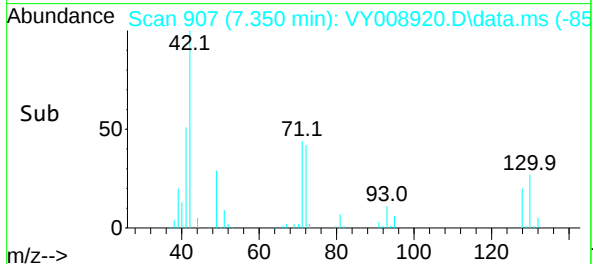
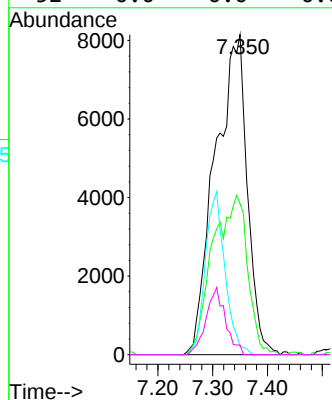
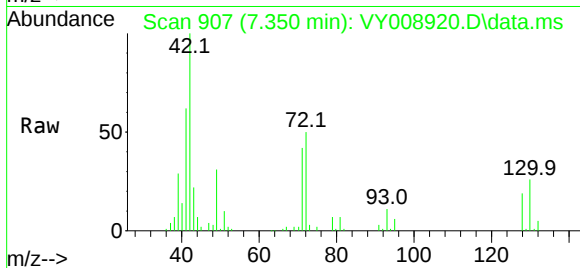




#41
Methacrylonitrile
Concen: 50.102 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.036 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

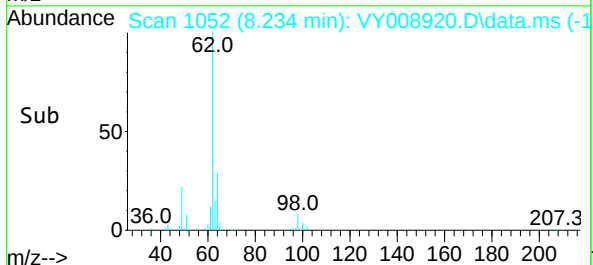
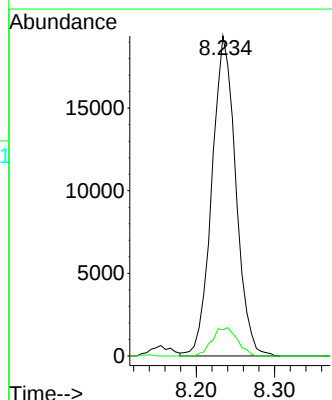
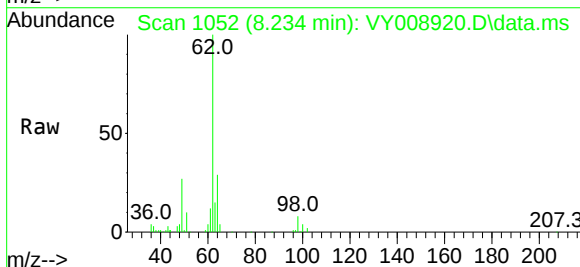
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

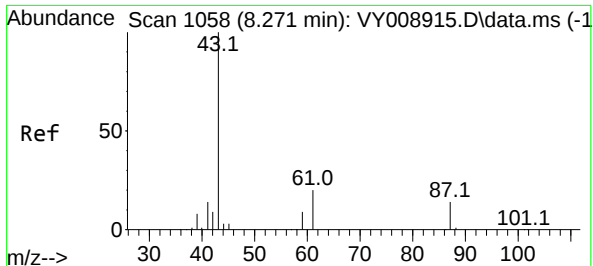
Tgt Ion: 41 Resp: 33105
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.663 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 62 Resp: 41098
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8

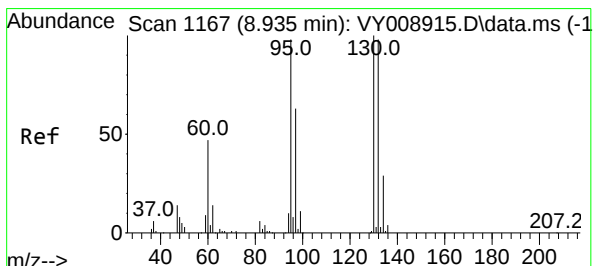
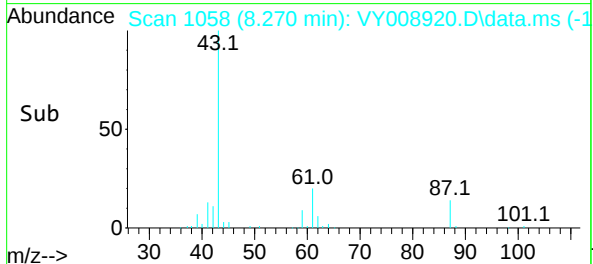
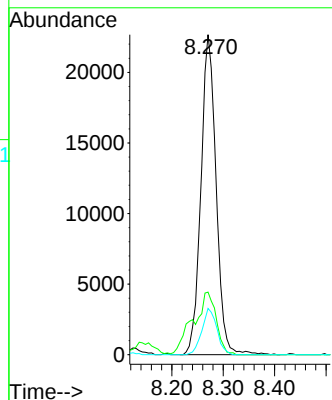
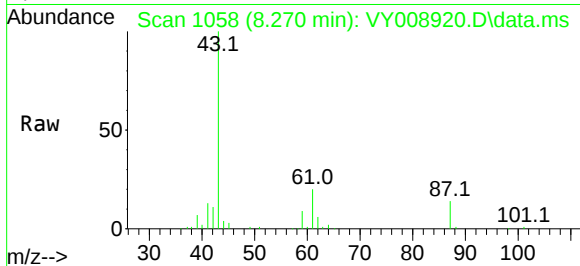




#43
Isopropyl Acetate
Concen: 19.534 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

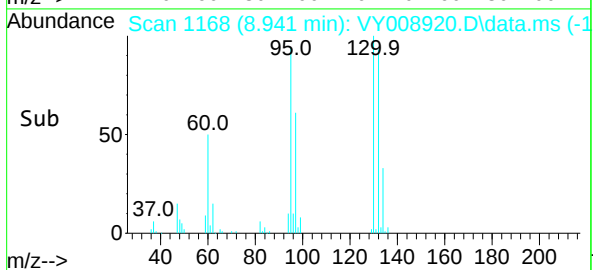
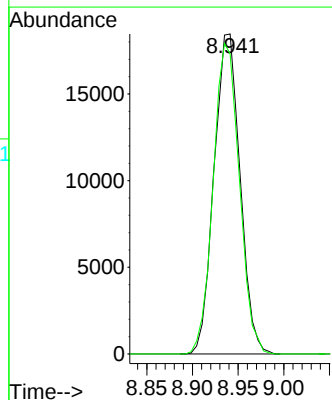
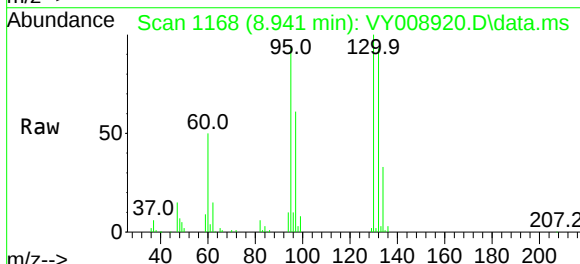
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

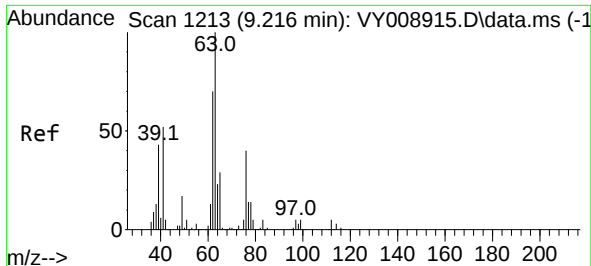
Tgt Ion: 43 Resp: 46508
Ion Ratio Lower Upper
43 100
61 29.7 20.2 30.2
87 14.3 8.9 13.3#



#44
Trichloroethene
Concen: 19.398 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:130 Resp: 36560
Ion Ratio Lower Upper
130 100
95 93.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.220 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

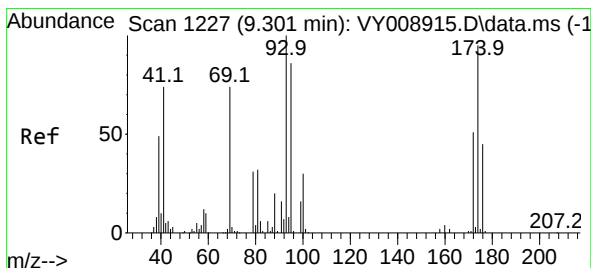
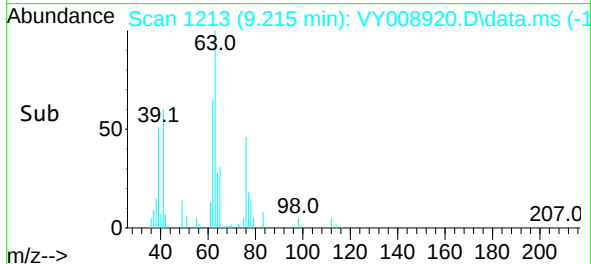
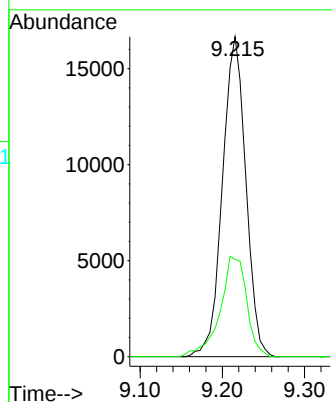
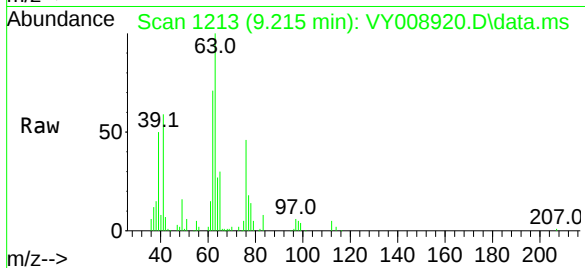
VY0520SBS01

Tgt Ion: 63 Resp: 32850

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 19.689 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

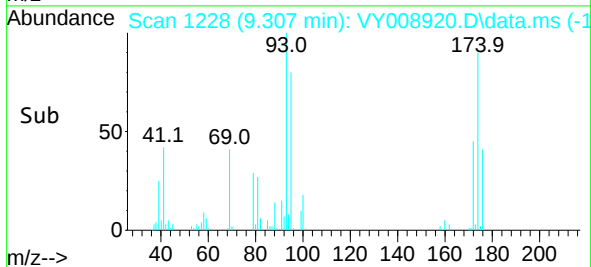
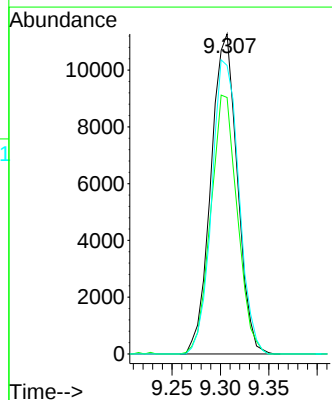
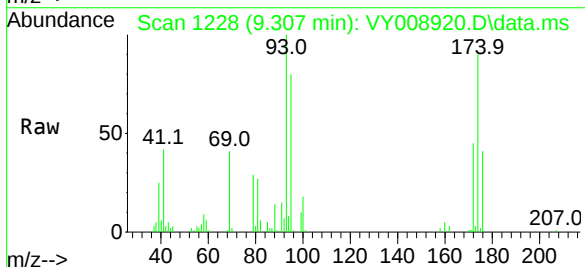
Tgt Ion: 93 Resp: 21398

Ion Ratio Lower Upper

93 100

95 81.3 64.3 96.5

174 94.0 83.4 125.0

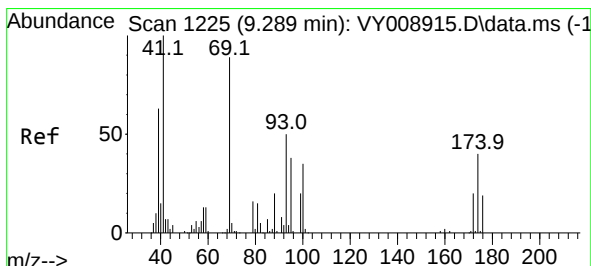
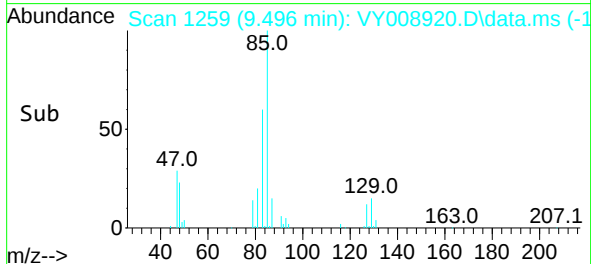
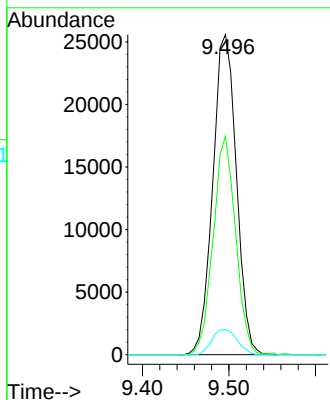
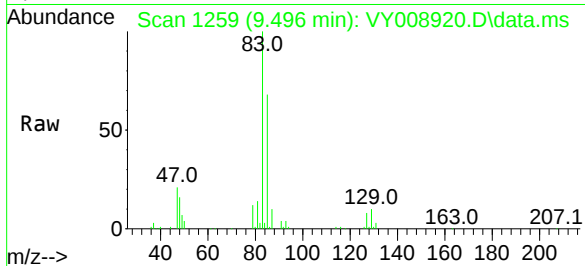




#47
Bromodichloromethane
Concen: 19.465 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

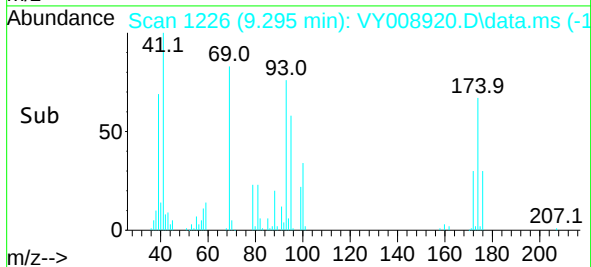
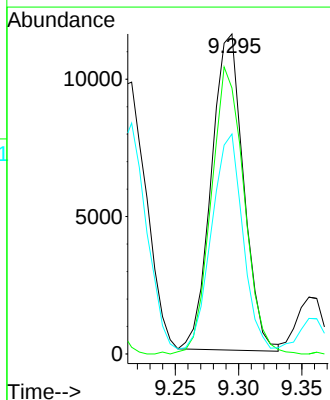
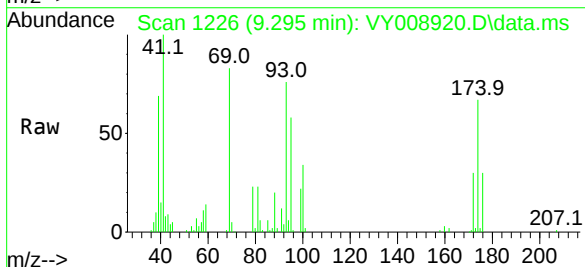
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

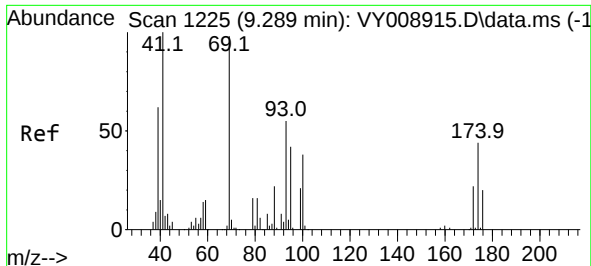
Tgt Ion:	83	Resp:	48347
Ion	Ratio	Lower	Upper
83	100		
85	68.3	51.9	77.9
127	7.9	6.6	10.0



#48
Methyl methacrylate
Concen: 19.172 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:	41	Resp:	20382
Ion	Ratio	Lower	Upper
41	100		
69	92.7	58.2	87.2
39	66.3	47.4	71.0





#49

1,4-Dioxane

Concen: 390.149 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

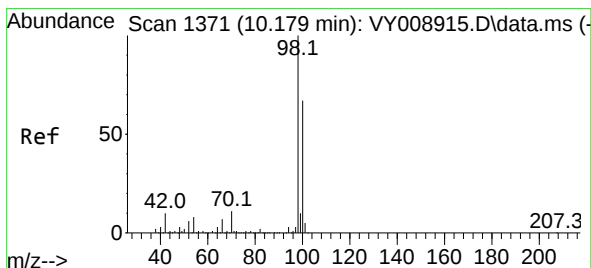
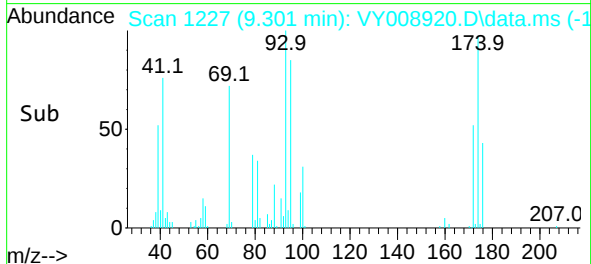
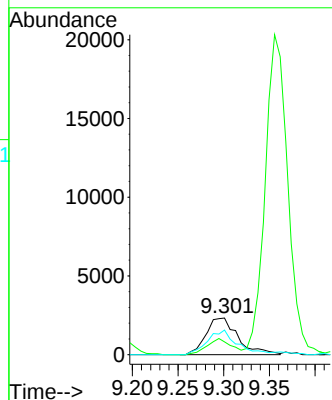
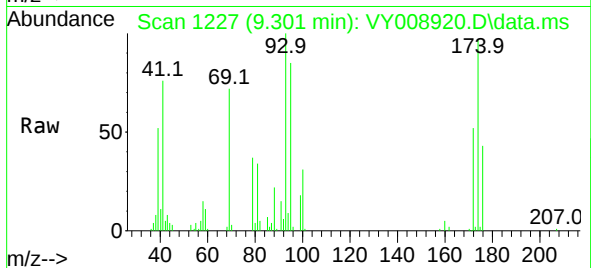
Tgt Ion: 88 Resp: 5668

Ion Ratio Lower Upper

88 100

43 33.6 32.8 49.2

58 62.9 59.8 89.6



#50

Toluene-d8

Concen: 38.707 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008920.D

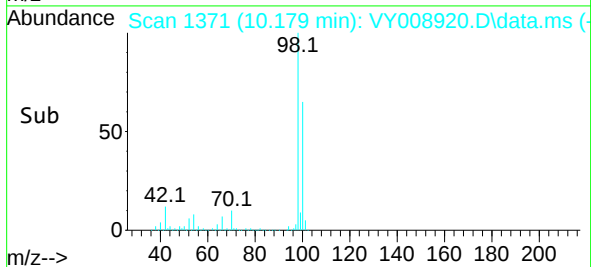
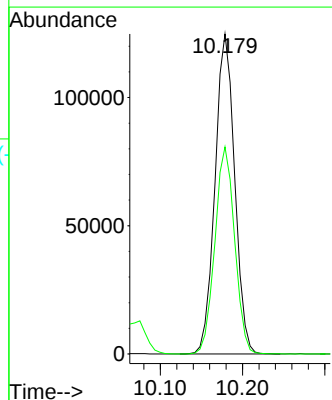
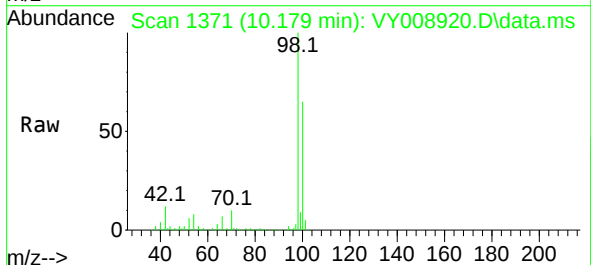
Acq: 20 May 2022 22:31

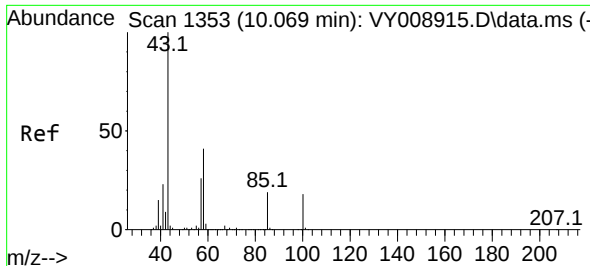
Tgt Ion: 98 Resp: 207121

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

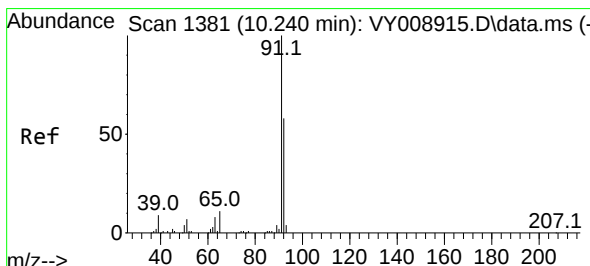
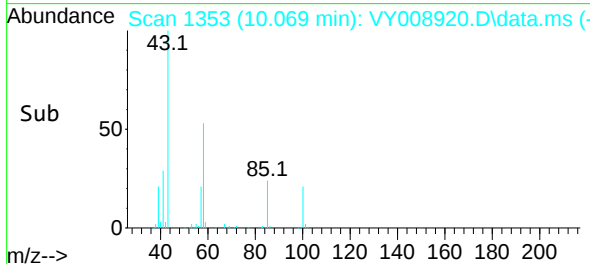
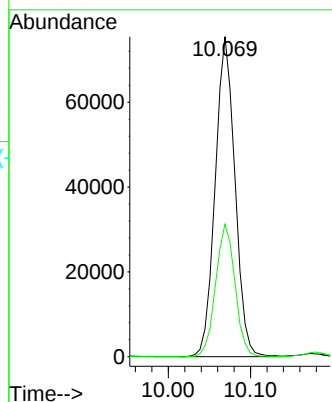
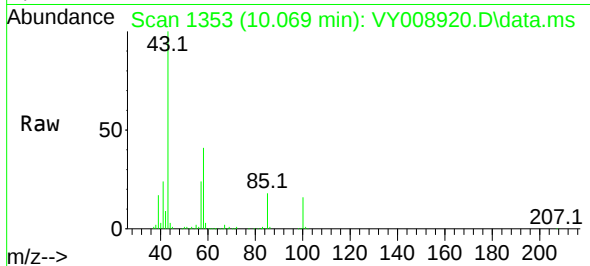




#51
4-Methyl-2-Pentanone
Concen: 95.767 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

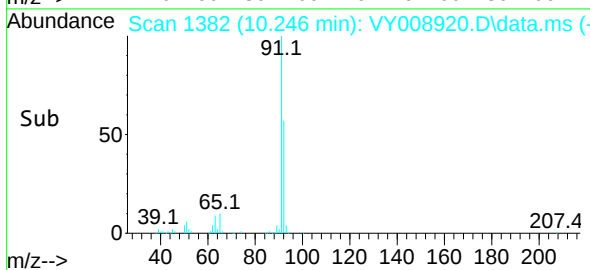
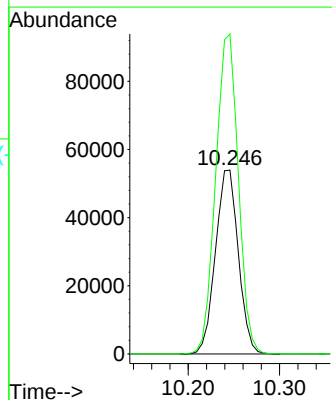
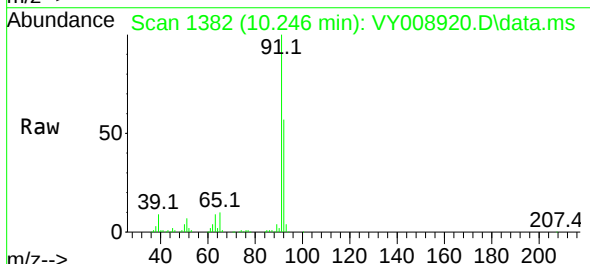
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

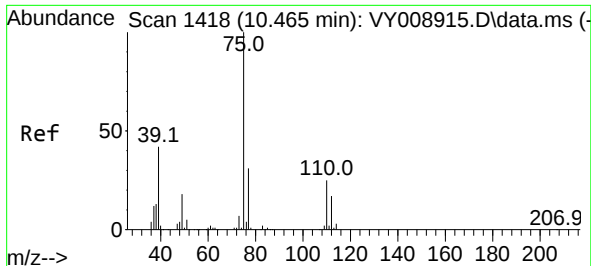
Tgt Ion: 43 Resp: 126188
Ion Ratio Lower Upper
43 100
58 40.6 28.1 42.1



#52
Toluene
Concen: 18.917 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 92 Resp: 94103
Ion Ratio Lower Upper
92 100
91 172.2 142.6 213.8

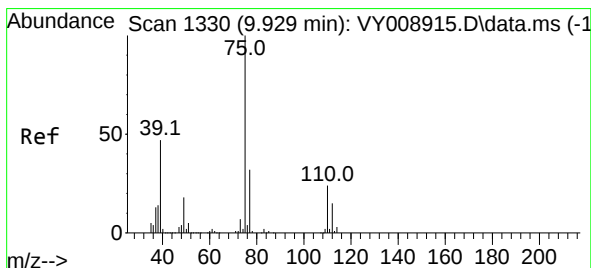
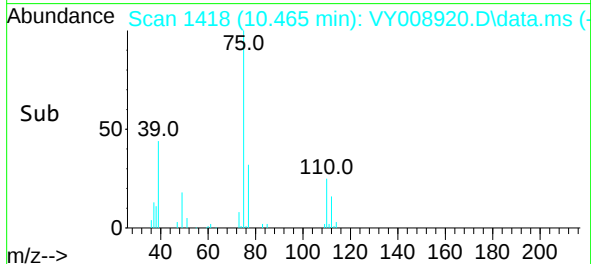
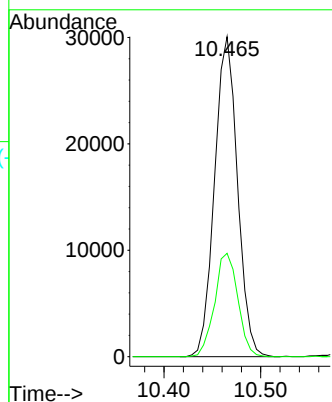
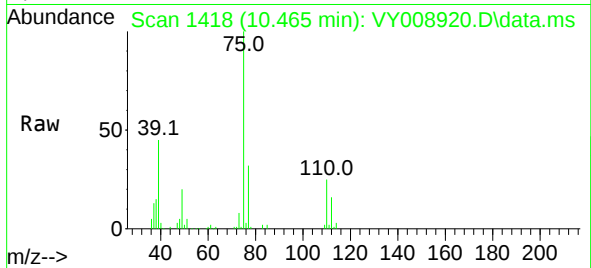




#53
t-1,3-Dichloropropene
Concen: 18.743 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

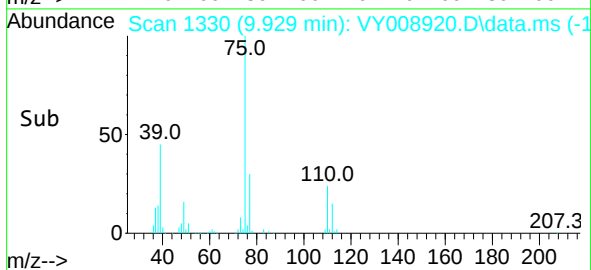
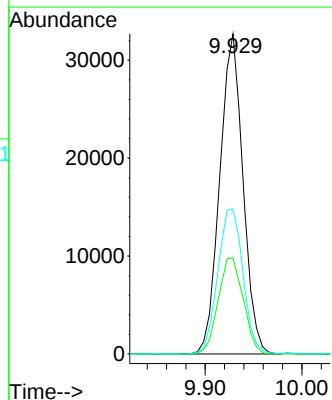
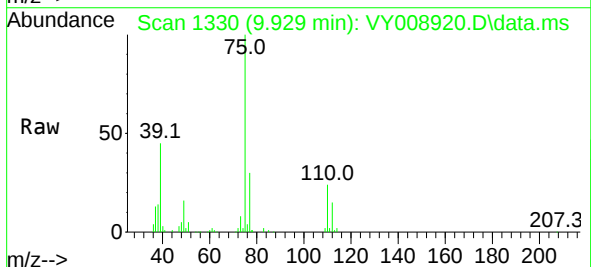
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

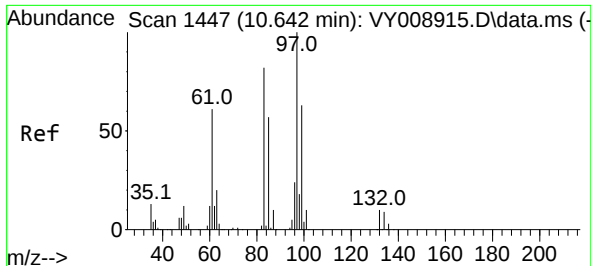
Tgt Ion: 75 Resp: 49436
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.182 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 75 Resp: 54390
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4
39 45.2 47.6 71.4#

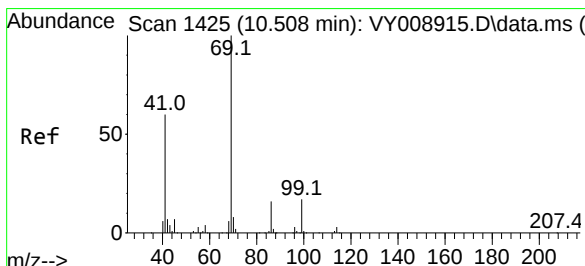
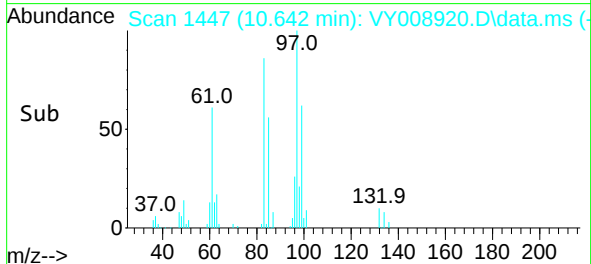
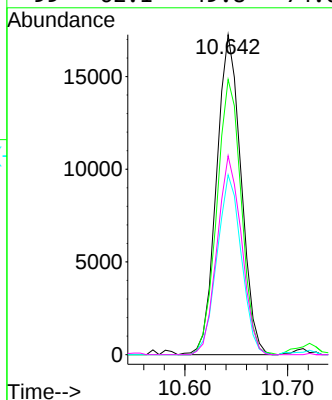
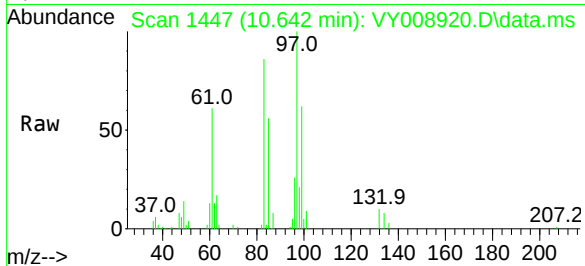




#55
1,1,2-Trichloroethane
Concen: 18.817 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

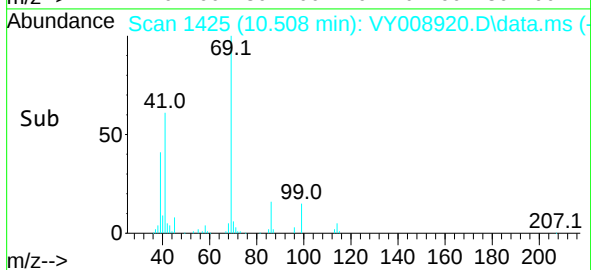
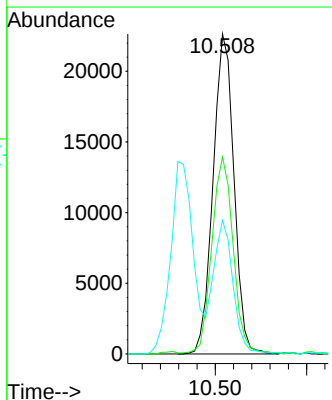
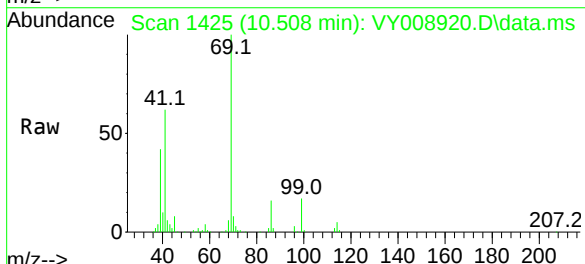
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 97	Resp: 28610
Ion Ratio	Lower Upper
97 100	
83 86.0	69.8 104.8
85 56.2	44.3 66.5
99 62.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 18.467 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 69	Resp: 35898
Ion Ratio	Lower Upper
69 100	
41 63.3	63.4 95.0#
39 38.9	35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.508 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

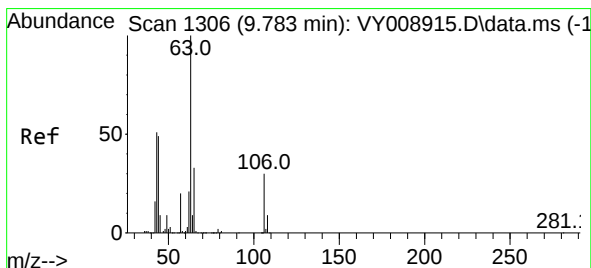
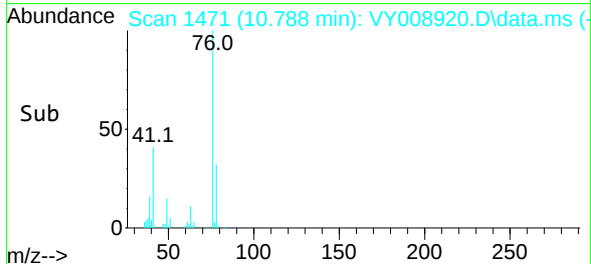
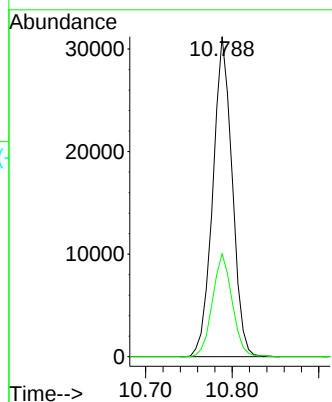
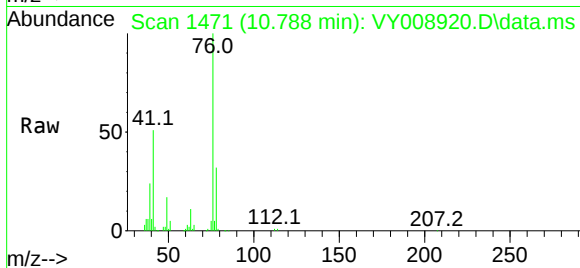
VY0520SBS01

Tgt Ion: 76 Resp: 48385

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.358 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY008920.D

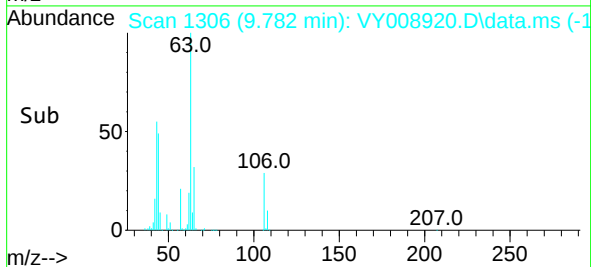
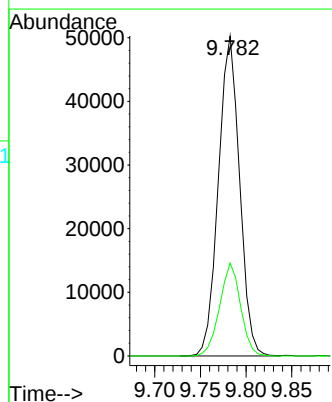
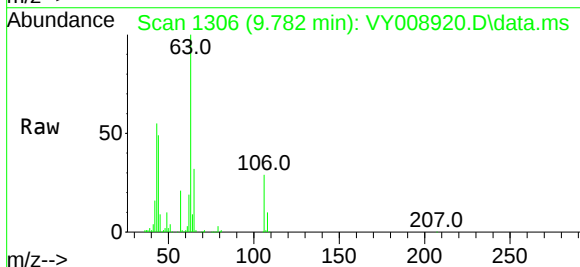
Acq: 20 May 2022 22:31

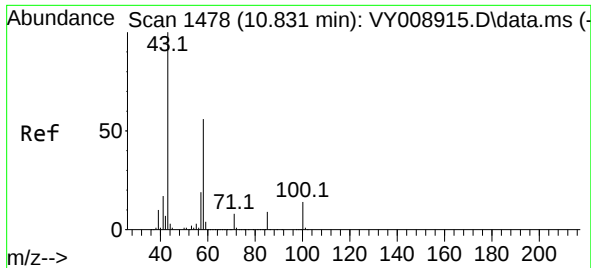
Tgt Ion: 63 Resp: 81036

Ion Ratio Lower Upper

63 100

106 28.7 21.5 32.3

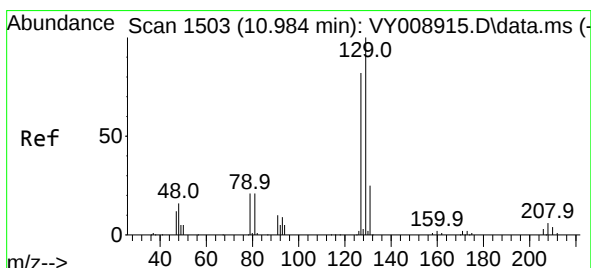
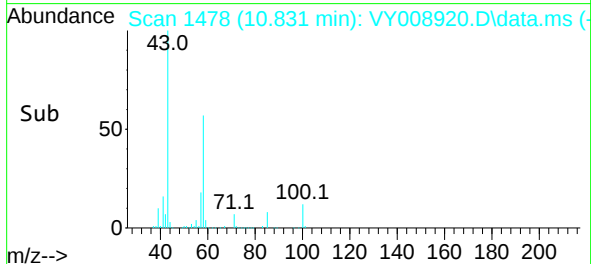
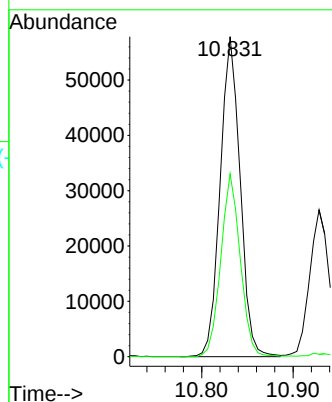
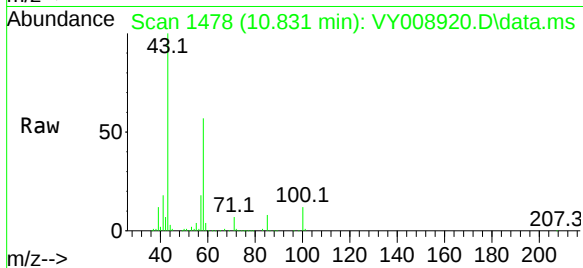




#59
2-Hexanone
Concen: 97.387 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

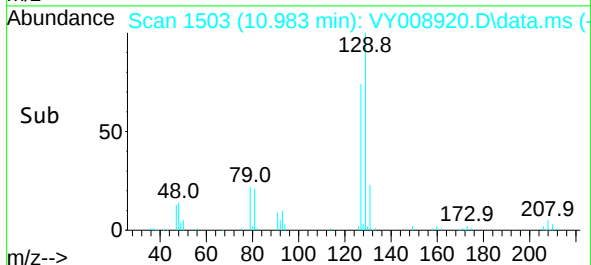
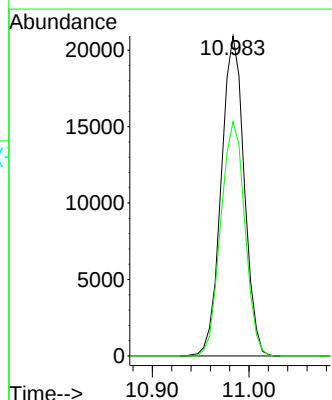
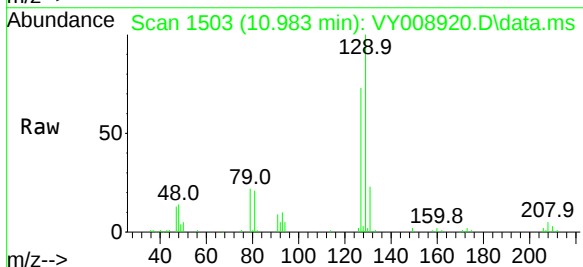
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

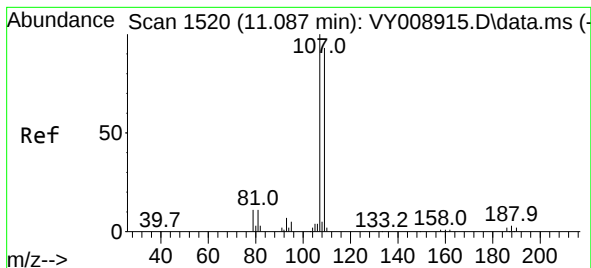
Tgt Ion: 43 Resp: 87859
Ion Ratio Lower Upper
43 100
58 55.6 24.4 73.4



#60
Dibromochloromethane
Concen: 18.679 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 129 Resp: 34428
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.852 ug/l

RT: 11.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

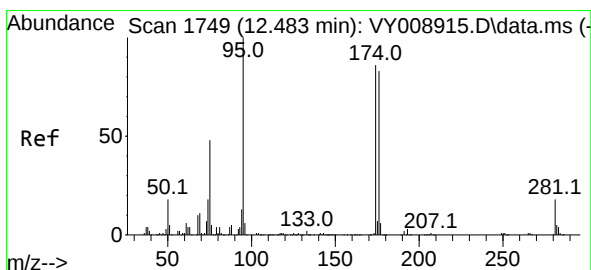
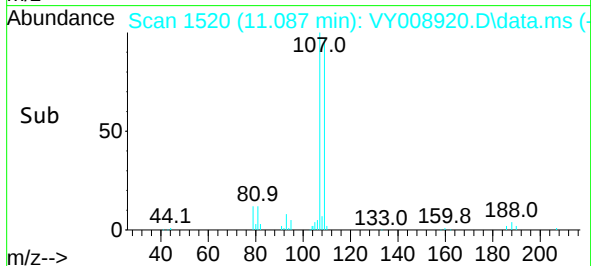
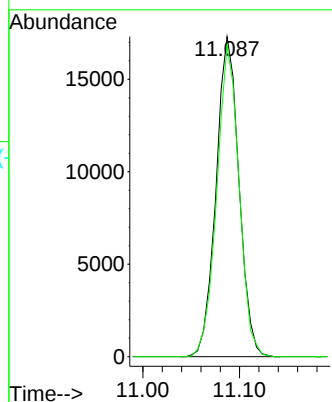
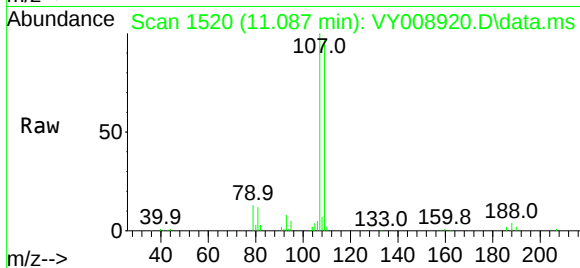
VY0520SBS01

Tgt Ion:107 Resp: 28403

Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 45.925 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

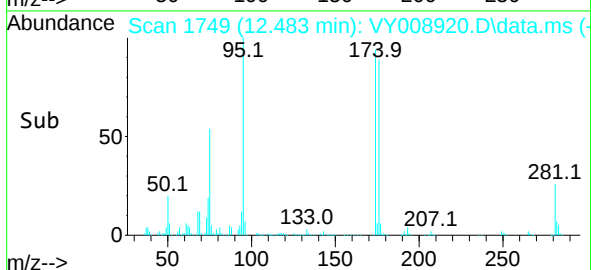
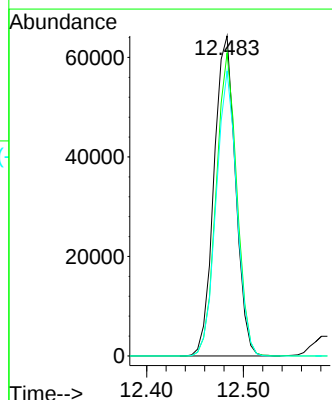
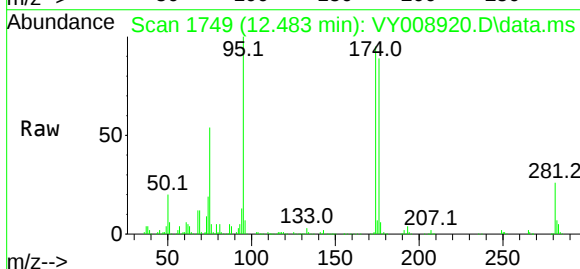
Tgt Ion: 95 Resp: 99132

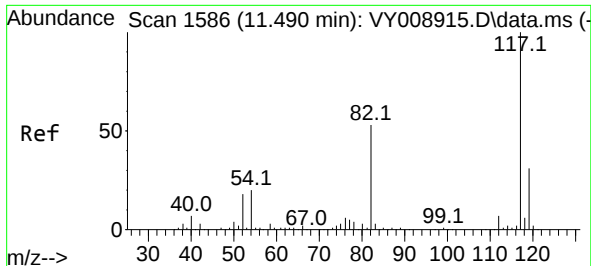
Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.0

176 85.5 0.0 175.8

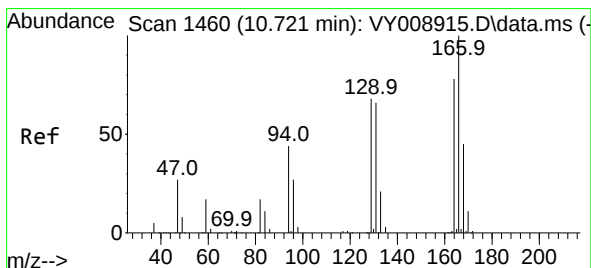
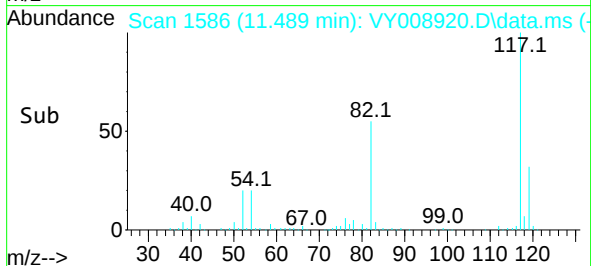
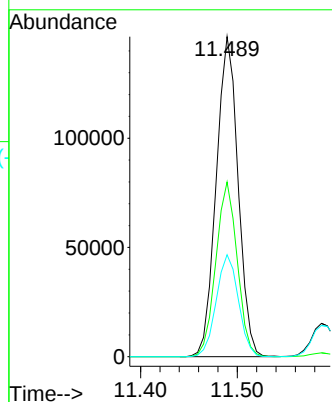
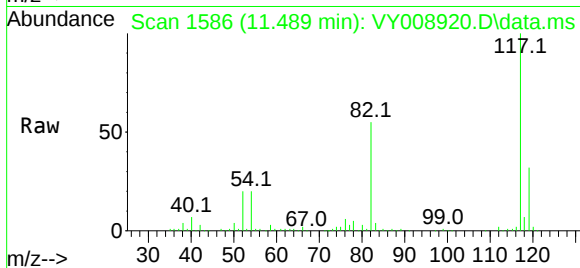




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

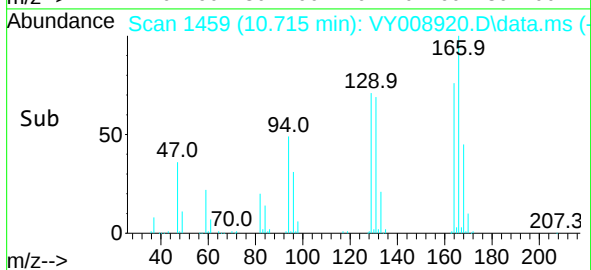
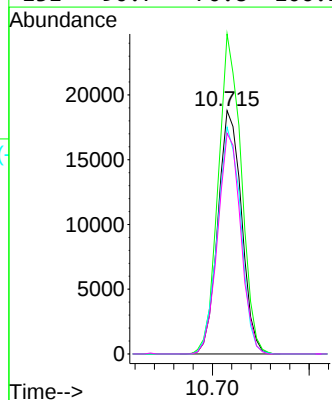
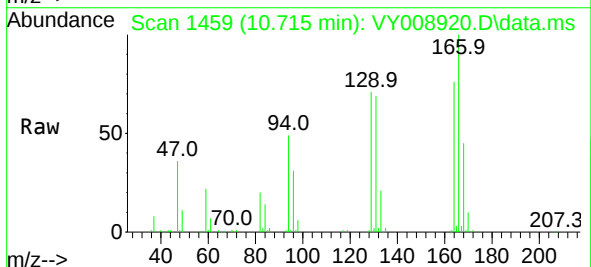
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

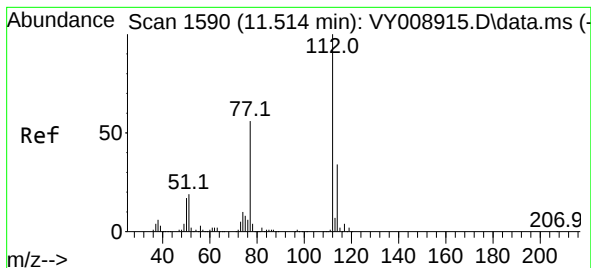
Tgt Ion:117 Resp: 229931
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 19.023 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:164 Resp: 31836
Ion Ratio Lower Upper
164 100
166 131.5 100.4 150.6
129 93.2 71.4 107.0
131 90.7 70.8 106.2

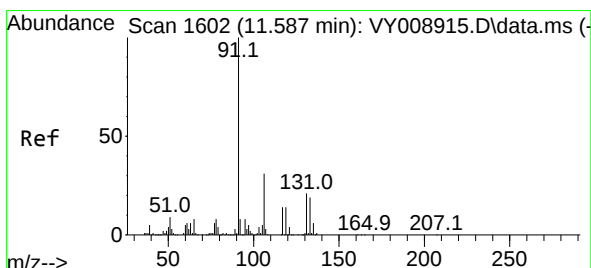
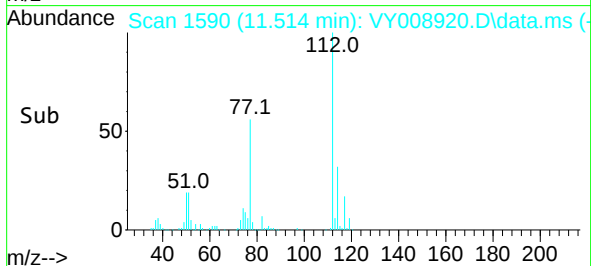
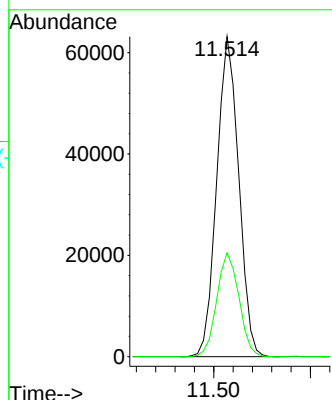
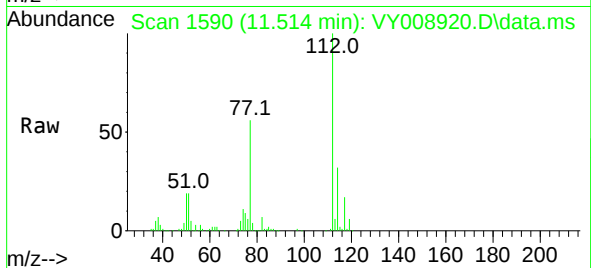




#65
Chlorobenzene
Concen: 18.847 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

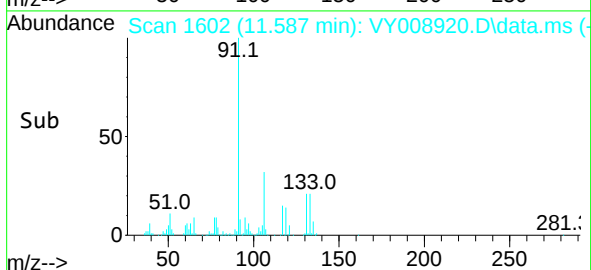
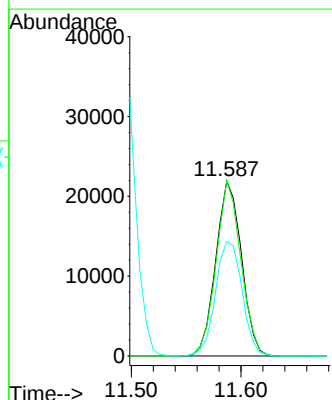
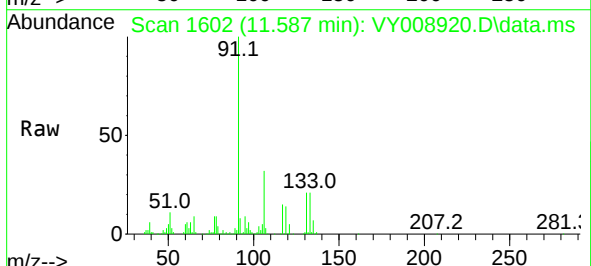
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

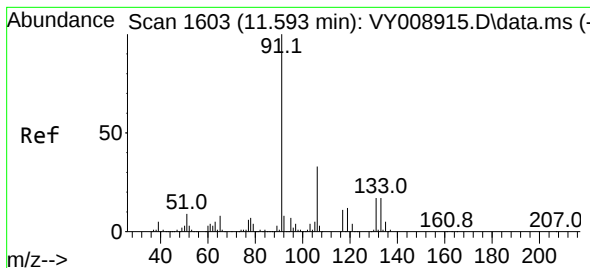
Tgt Ion:112 Resp: 99465
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.473 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:131 Resp: 35697
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 67.7 30.8 92.3





#67

Ethyl Benzene

Concen: 18.691 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

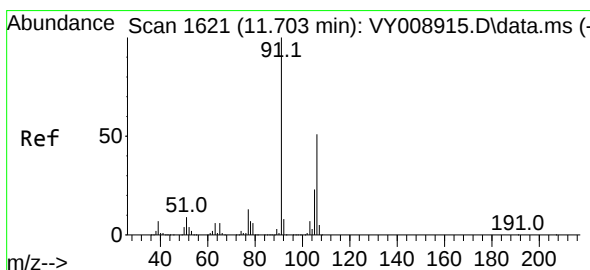
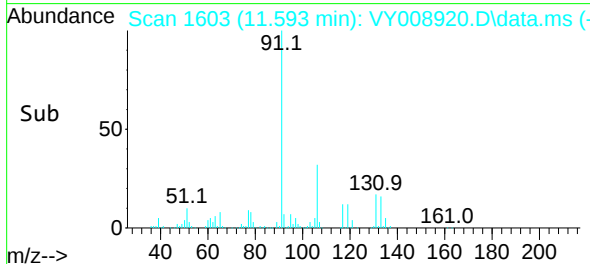
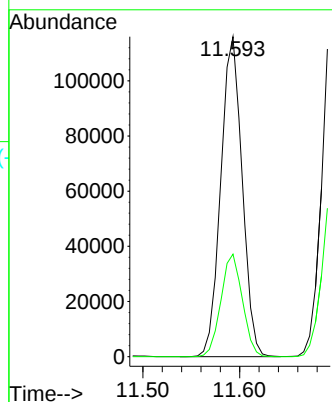
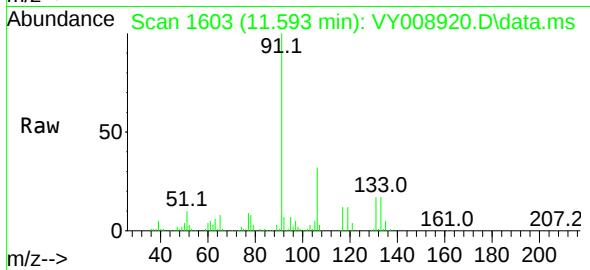
VY0520SBS01

Tgt Ion: 91 Resp: 177767

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 37.436 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008920.D

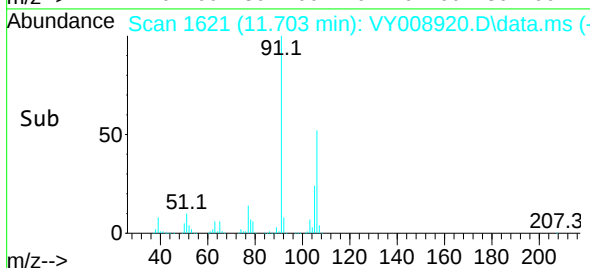
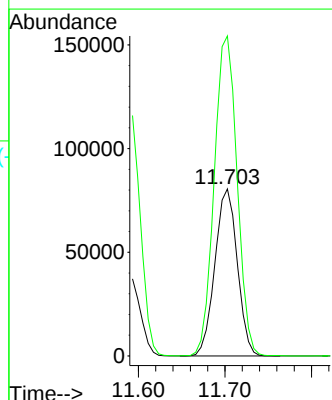
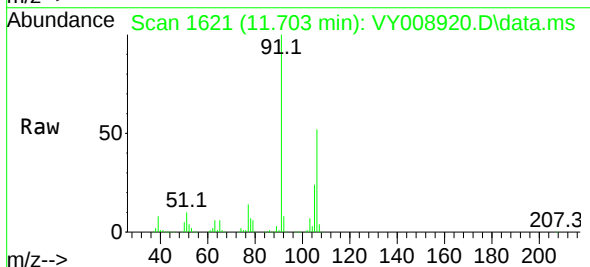
Acq: 20 May 2022 22:31

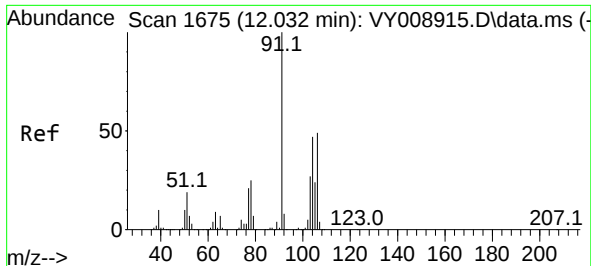
Tgt Ion:106 Resp: 144535

Ion Ratio Lower Upper

106 100

91 195.8 166.6 249.8

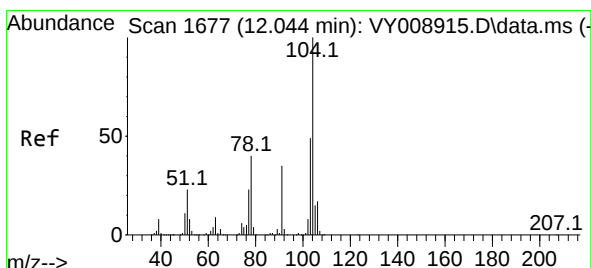
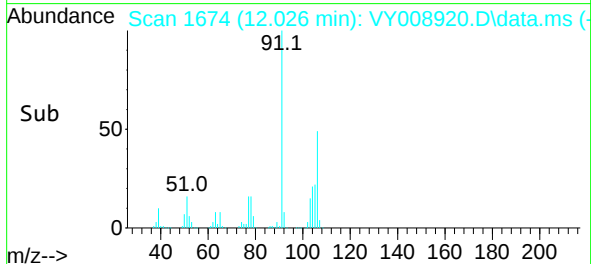
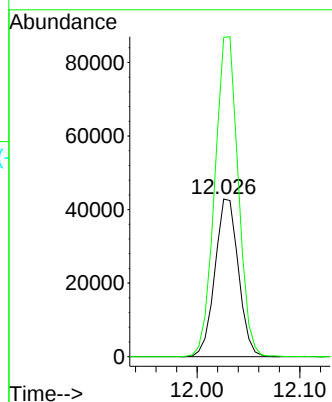
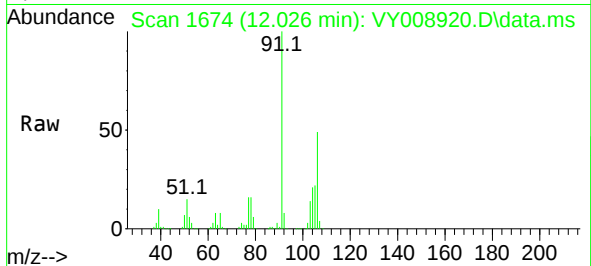




#69
o-Xylene
Concen: 18.959 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

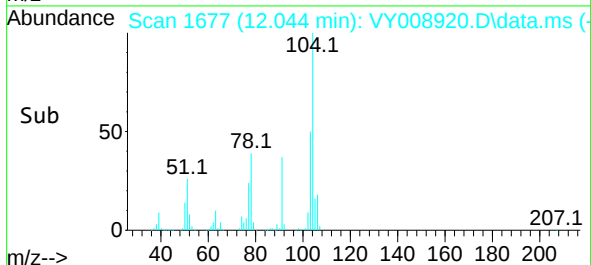
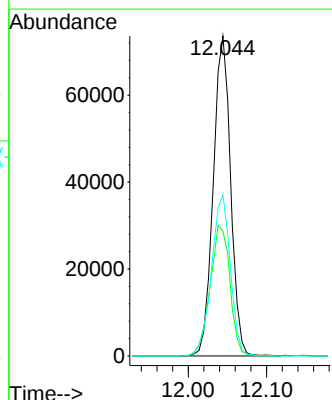
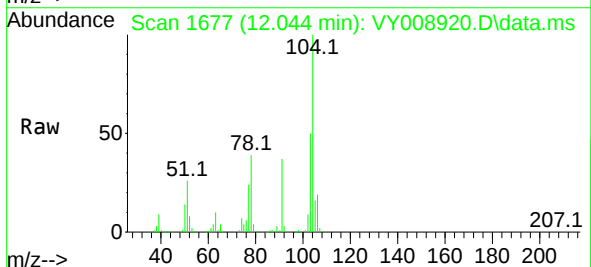
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

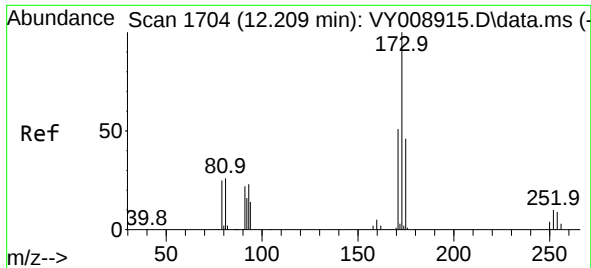
Tgt Ion:106 Resp: 67973
Ion Ratio Lower Upper
106 100
91 203.1 110.3 331.0



#70
Styrene
Concen: 18.394 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:104 Resp: 113412
Ion Ratio Lower Upper
104 100
78 46.6 42.4 63.6
103 54.7 44.4 66.6

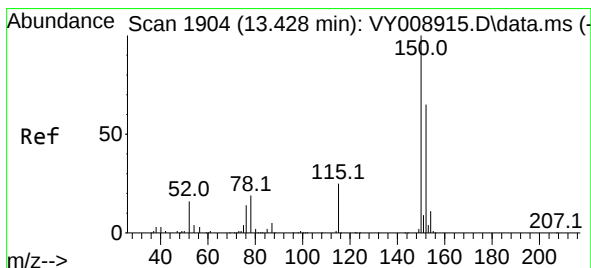
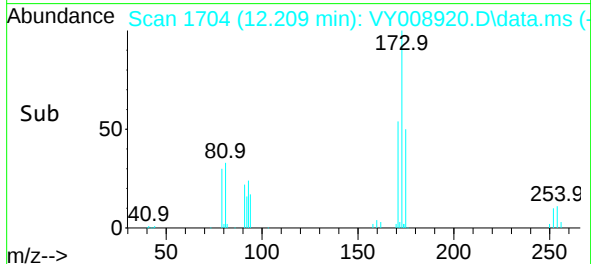
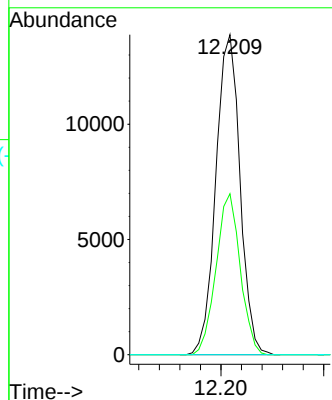
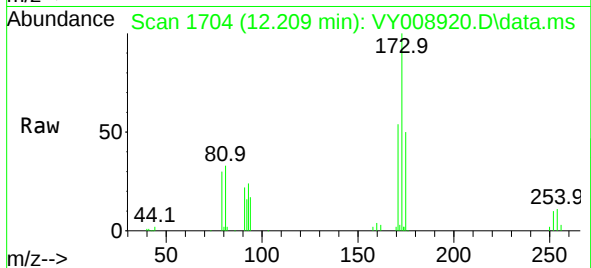




#71
Bromoform
Concen: 17.637 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

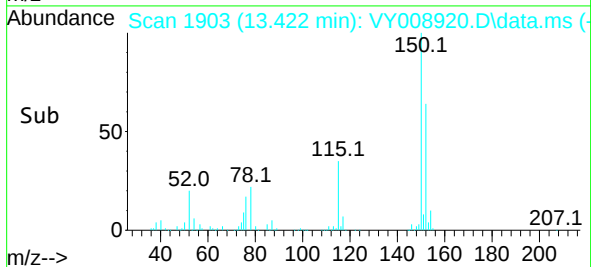
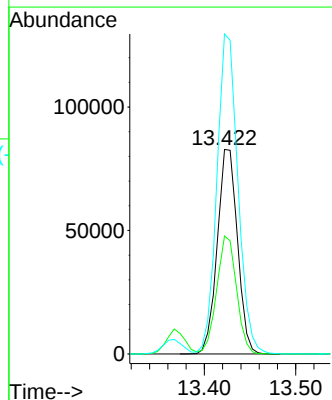
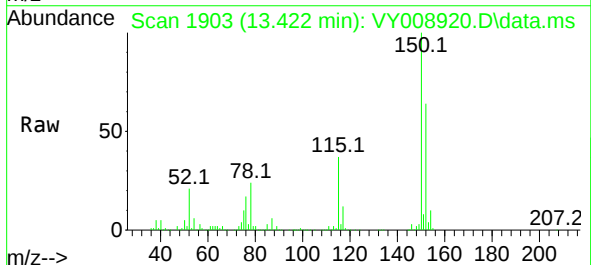
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

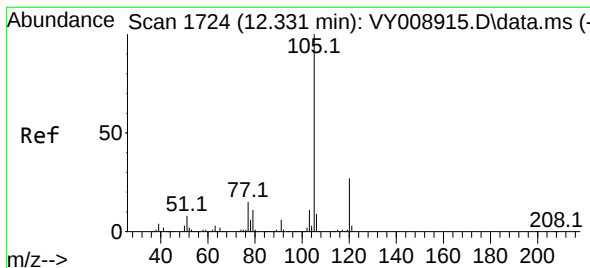
Tgt Ion:173 Resp: 22593
Ion Ratio Lower Upper
173 100
175 50.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:152 Resp: 127427
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 162.9 0.0 347.6





#73

Isopropylbenzene

Concen: 18.897 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

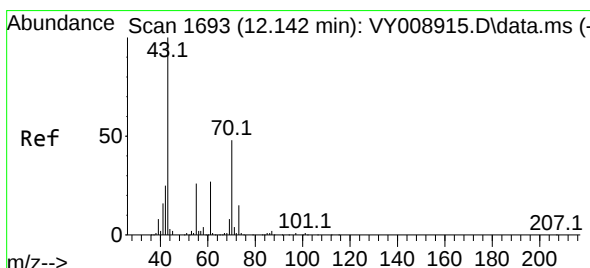
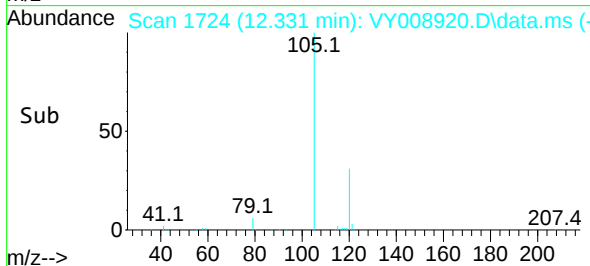
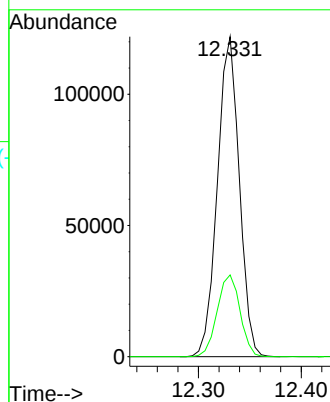
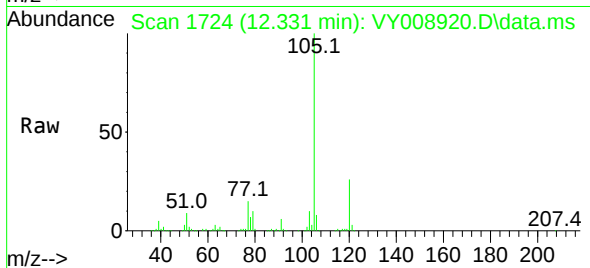
VY0520SBS01

Tgt Ion:105 Resp: 180059

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 19.964 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Tgt Ion: 43 Resp: 43888

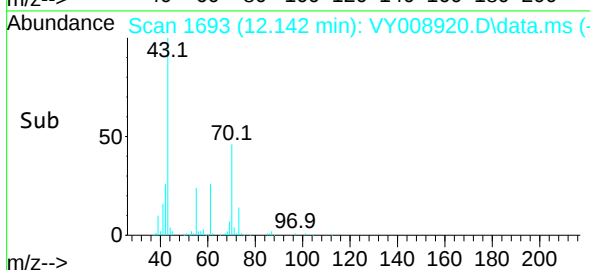
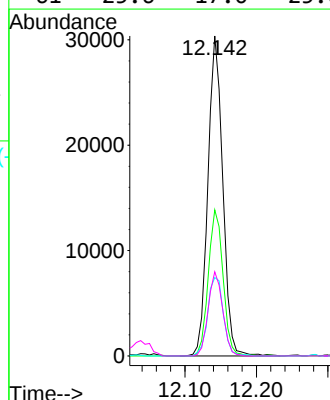
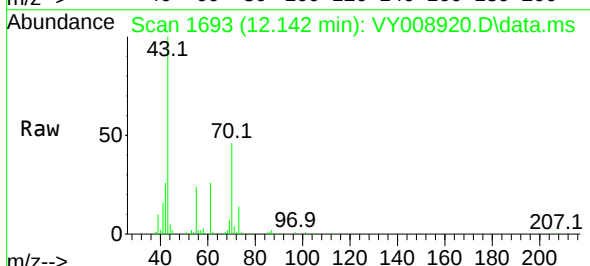
Ion Ratio Lower Upper

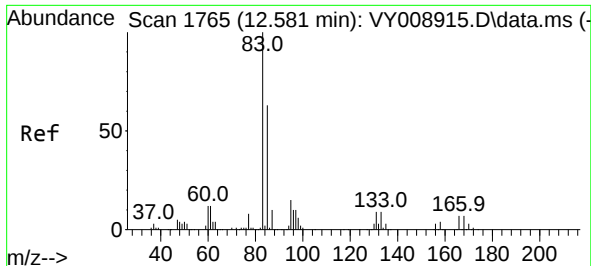
43 100

70 45.3 28.7 43.1#

55 26.0 17.3 25.9#

61 25.6 17.0 25.6#

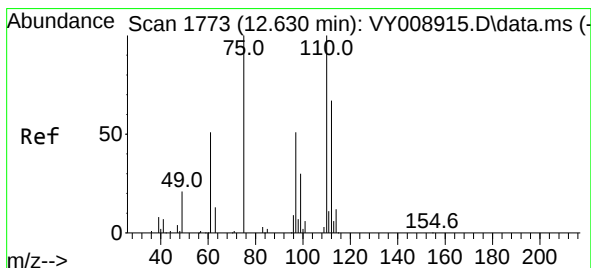
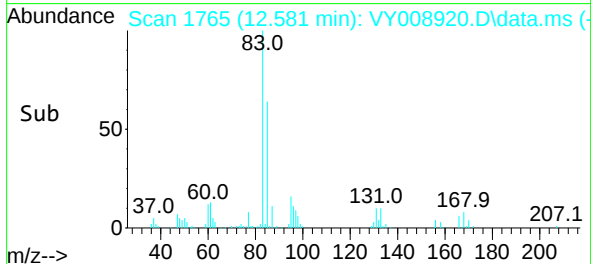
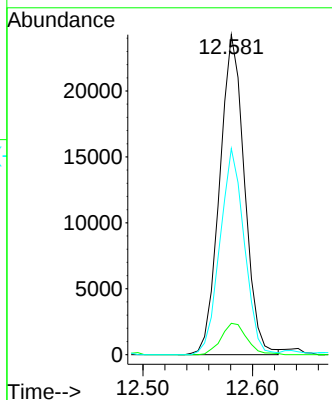
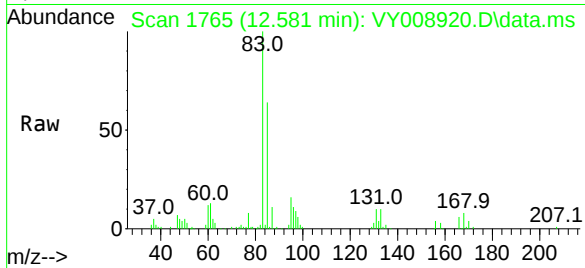




#75
1,1,2,2-Tetrachloroethane
Concen: 19.469 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

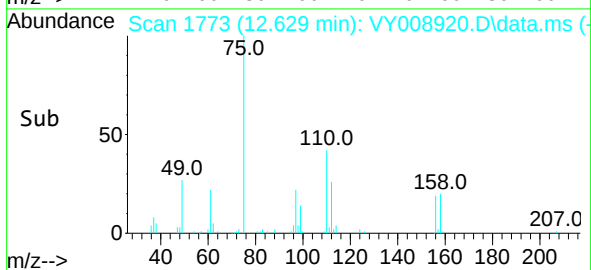
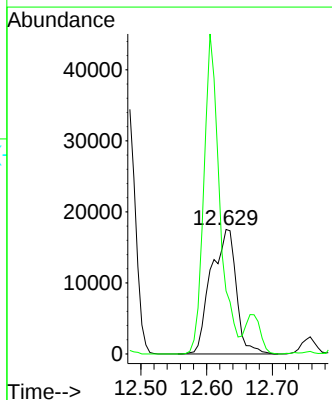
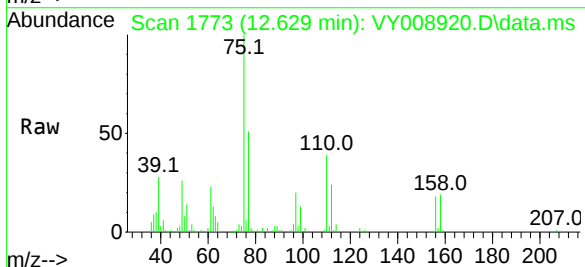
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

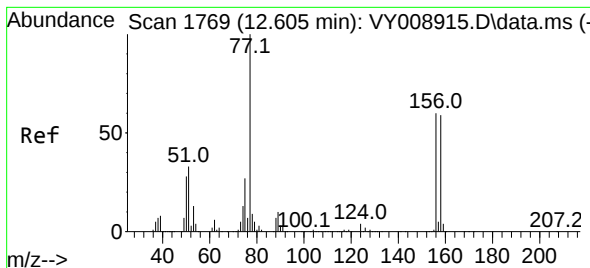
Tgt Ion: 83 Resp: 38214
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 63.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 34.313 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 75 Resp: 46954
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.009 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

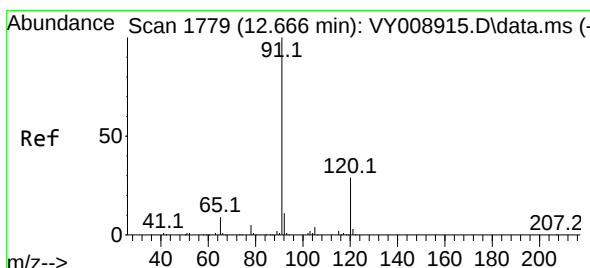
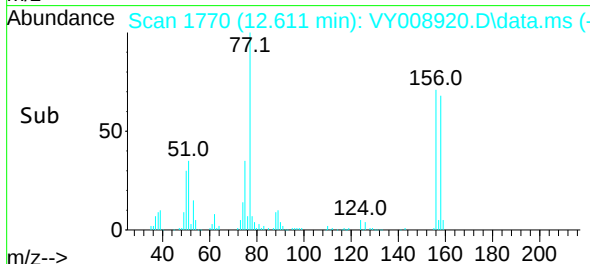
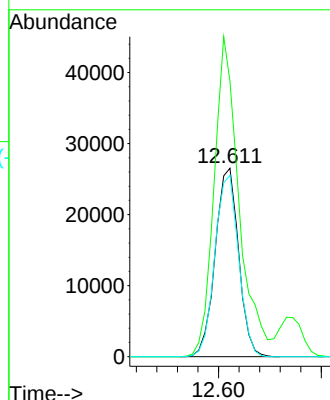
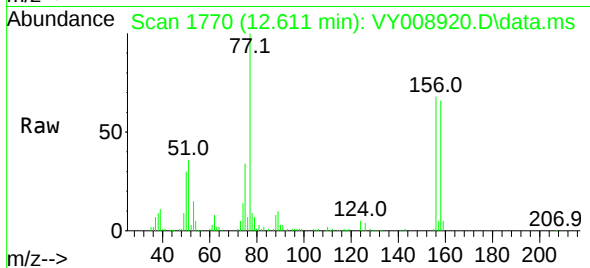
Tgt Ion:156 Resp: 41985

Ion Ratio Lower Upper

156 100

77 180.2 95.5 286.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 20.389 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY008920.D

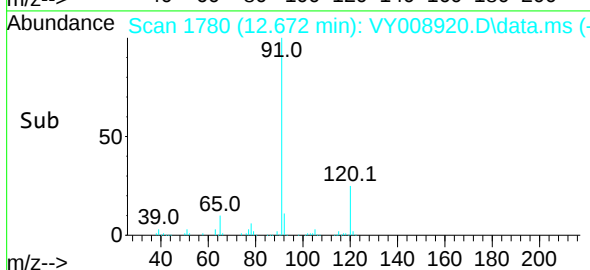
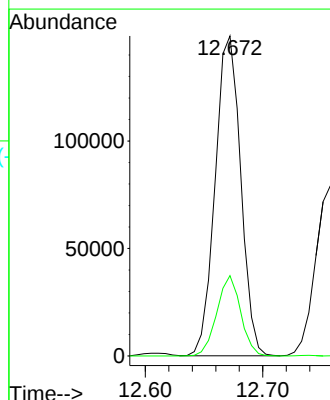
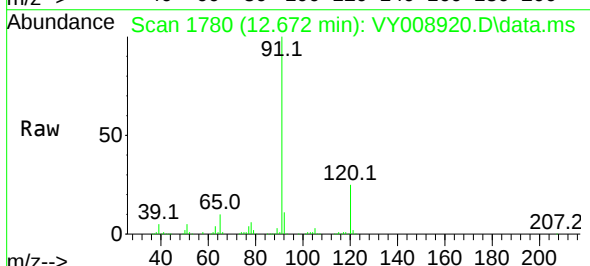
Acq: 20 May 2022 22:31

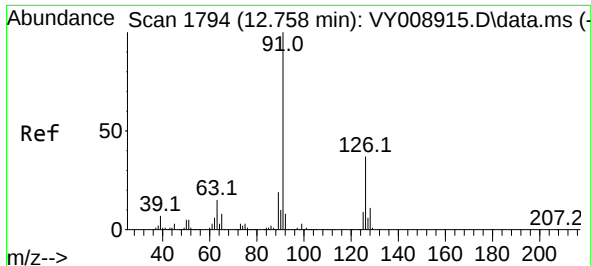
Tgt Ion: 91 Resp: 224455

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9

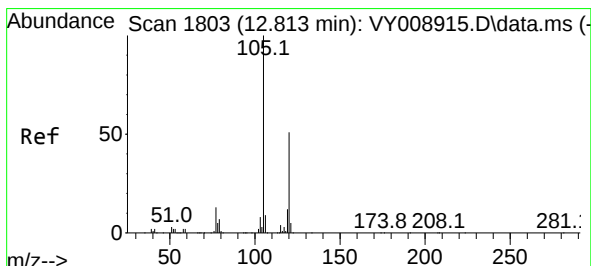
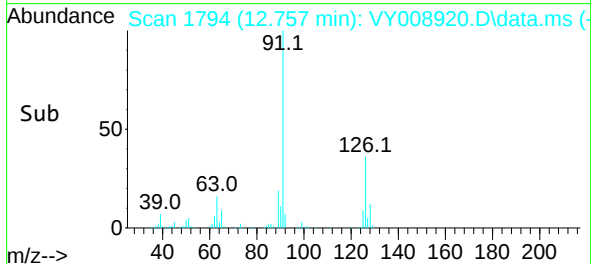
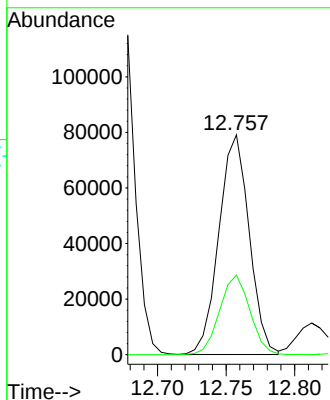
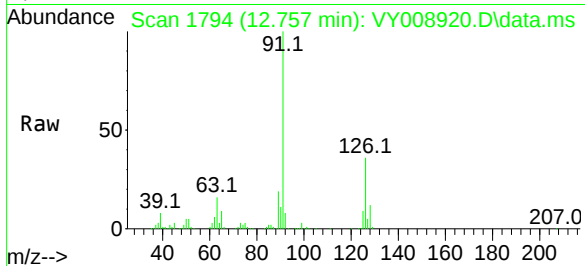




#79
2-Chlorotoluene
Concen: 19.167 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

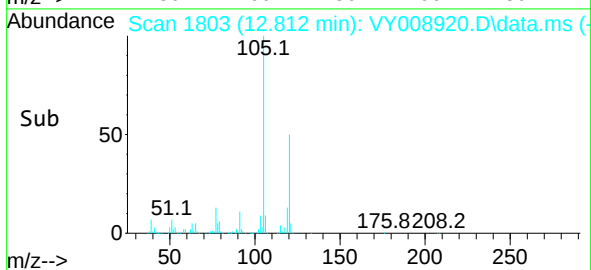
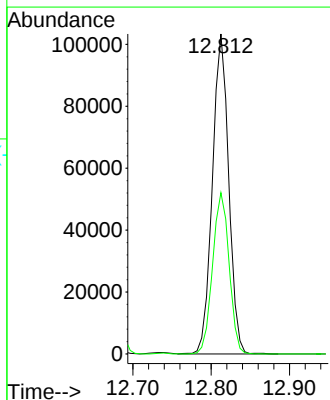
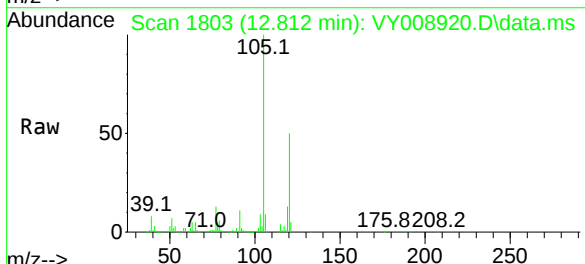
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

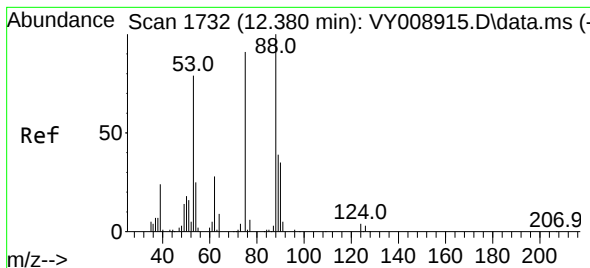
Tgt Ion: 91 Resp: 121708
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 18.720 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 105 Resp: 149508
Ion Ratio Lower Upper
105 100
120 51.0 24.4 73.4

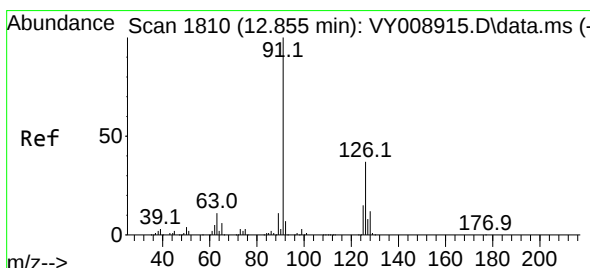
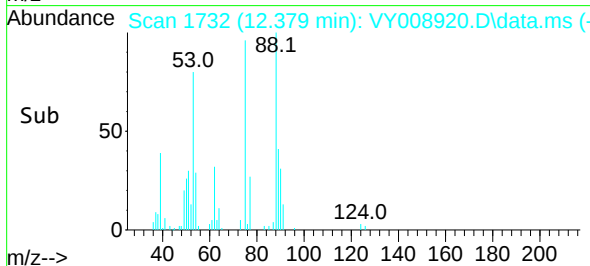
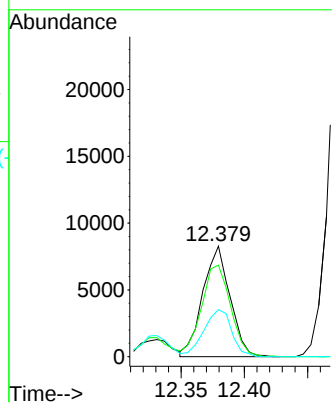
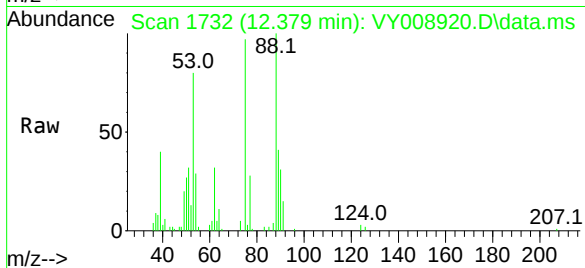




#81
trans-1,4-Dichloro-2-butene
Concen: 18.588 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

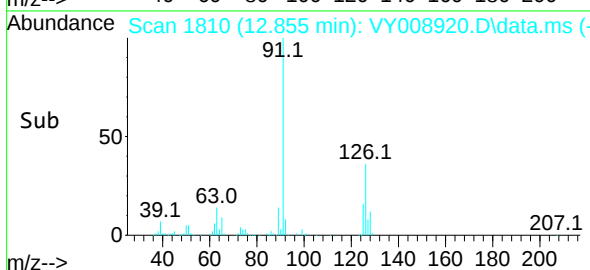
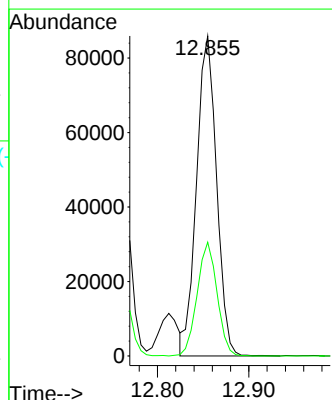
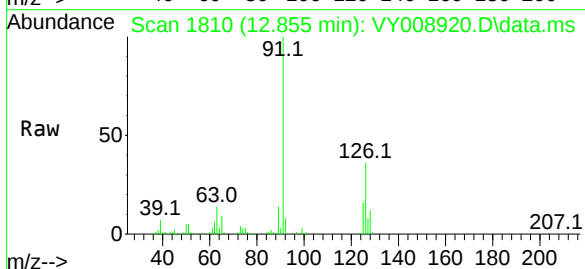
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

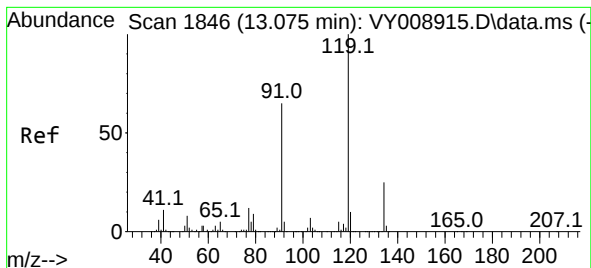
Tgt Ion: 75 Resp: 12393
Ion Ratio Lower Upper
75 100
53 88.6 85.3 127.9
89 43.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.232 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 91 Resp: 130621
Ion Ratio Lower Upper
91 100
126 35.4 17.0 51.0

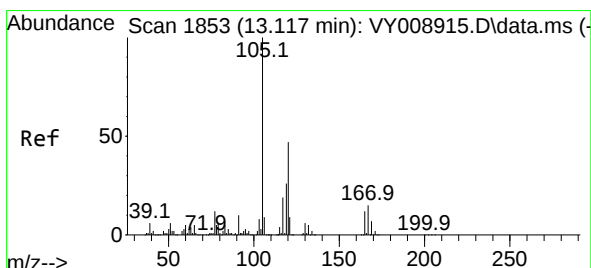
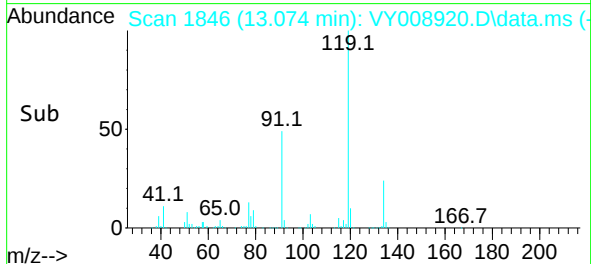
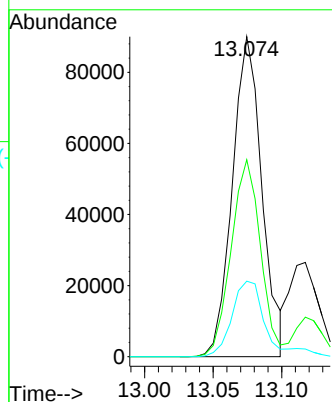
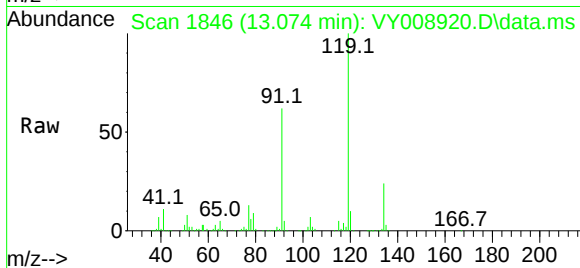




#83
tert-Butylbenzene
Concen: 19.110 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

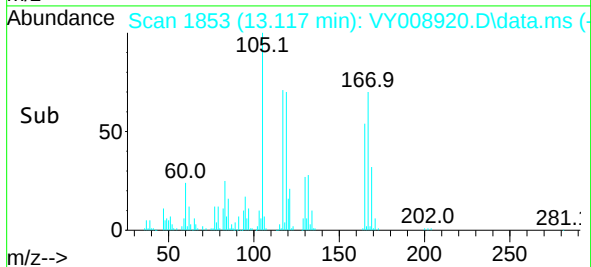
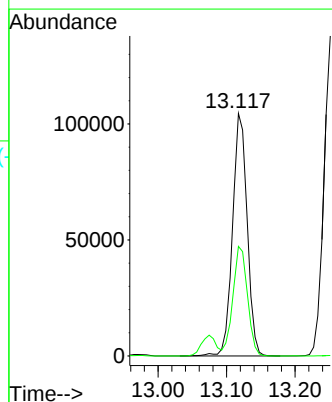
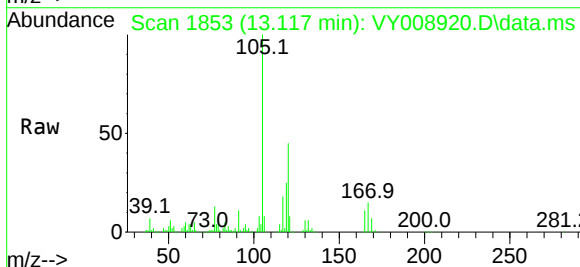
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

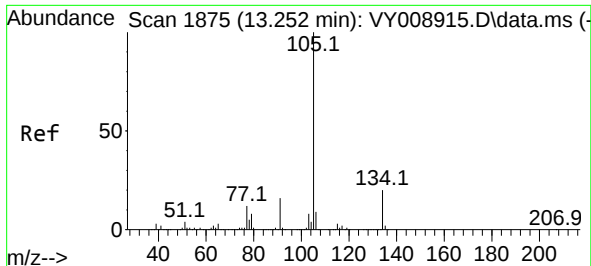
Tgt Ion:119 Resp: 135400
Ion Ratio Lower Upper
119 100
91 61.0 34.8 104.4
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.543 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion:105 Resp: 154940
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9

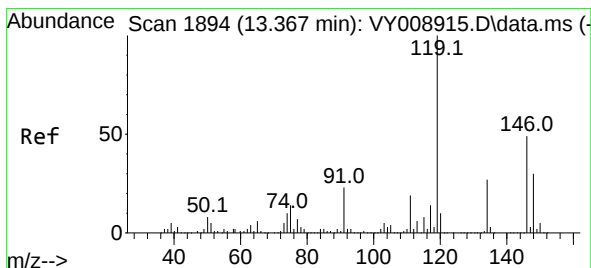
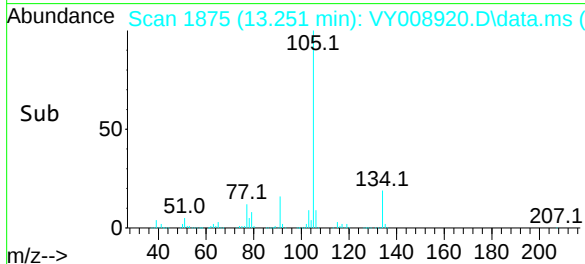
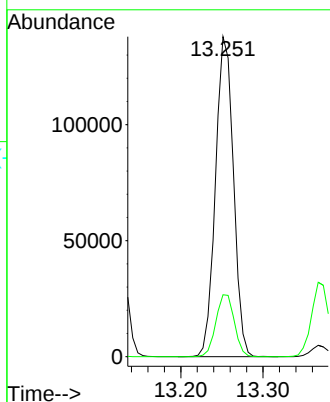
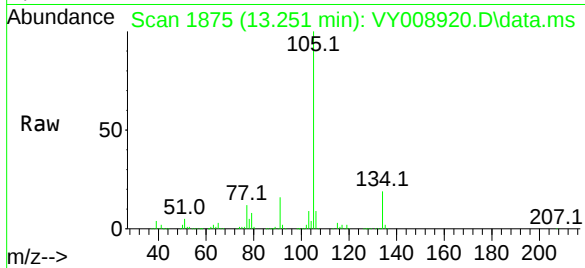




#85
 sec-Butylbenzene
 Concen: 19.321 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY008920.D
 Acq: 20 May 2022 22:31

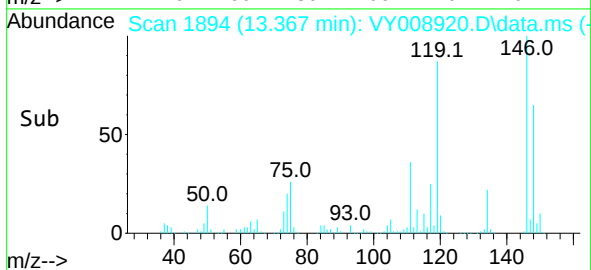
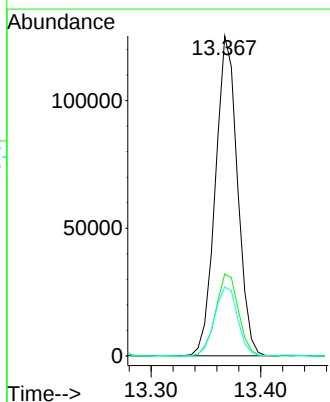
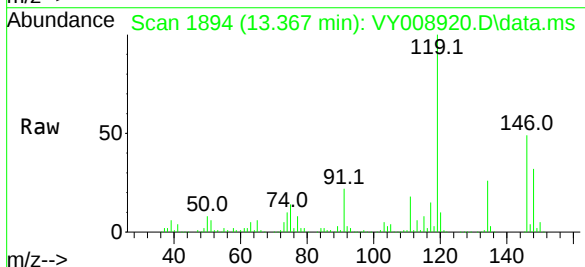
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

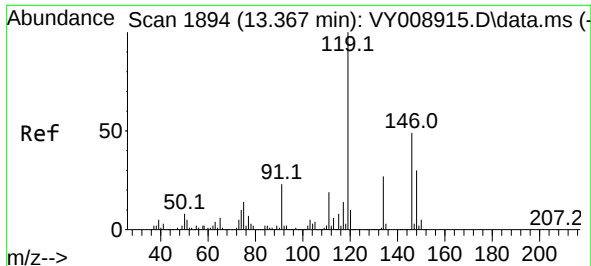
Tgt Ion:105 Resp: 209457
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.362 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008920.D
 Acq: 20 May 2022 22:31

Tgt Ion:119 Resp: 175039
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 22.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.938 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

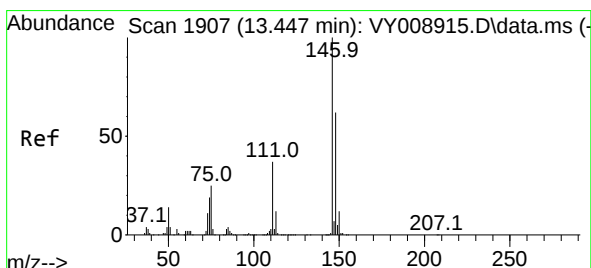
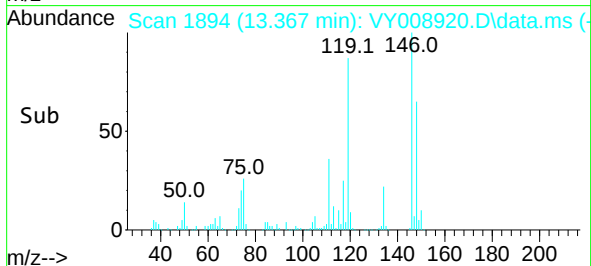
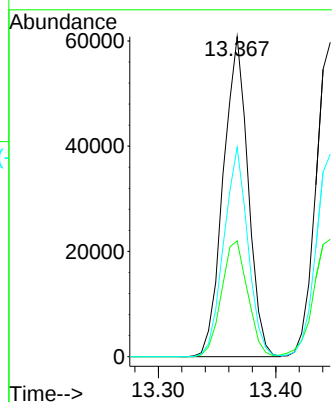
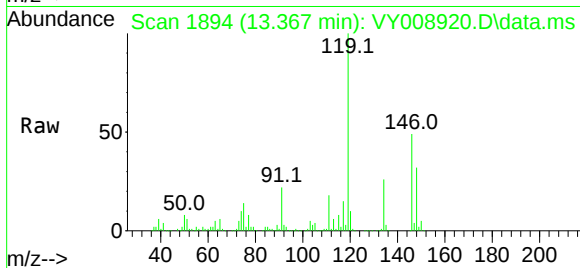
Tgt Ion:146 Resp: 89227

Ion Ratio Lower Upper

146 100

111 38.1 19.5 58.5

148 63.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.062 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

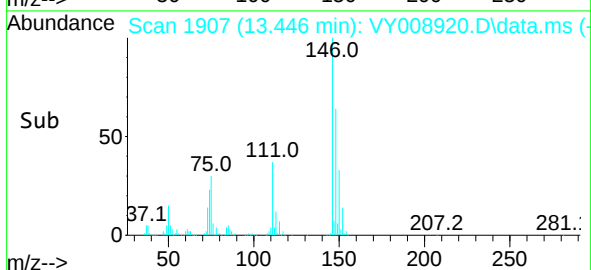
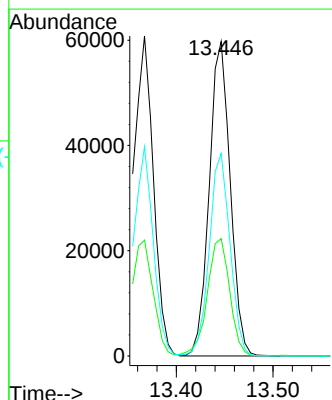
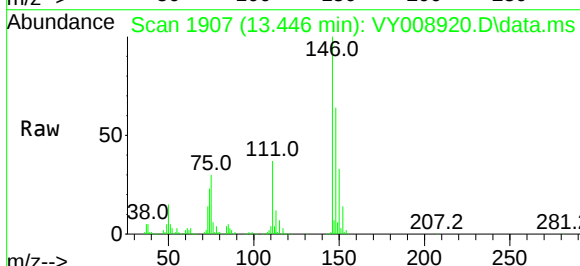
Tgt Ion:146 Resp: 90230

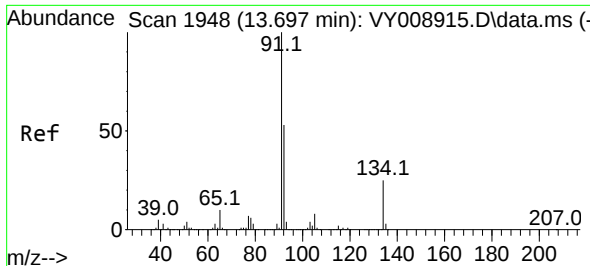
Ion Ratio Lower Upper

146 100

111 40.0 19.3 57.8

148 63.8 32.6 97.8

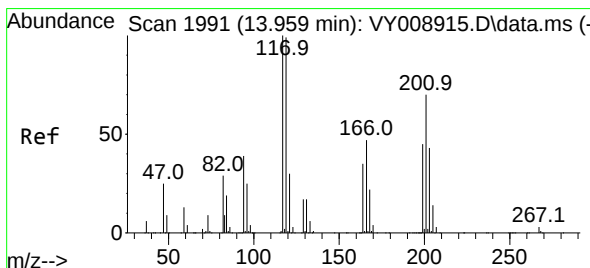
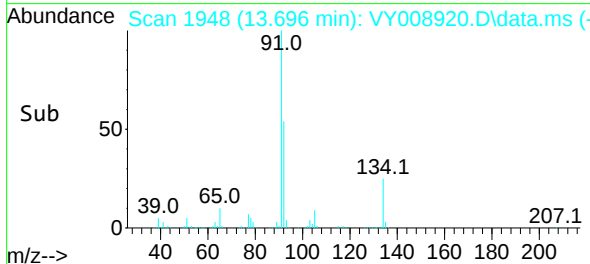
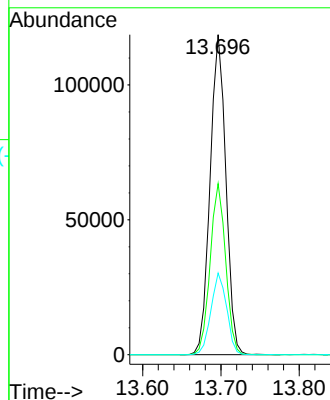
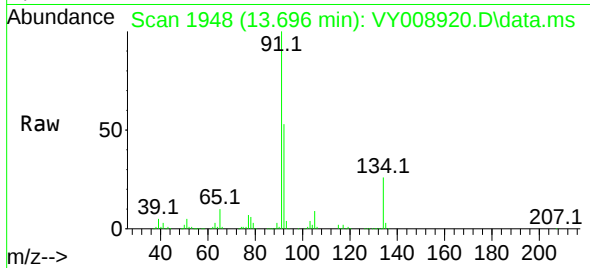




#89
n-Butylbenzene
Concen: 20.034 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

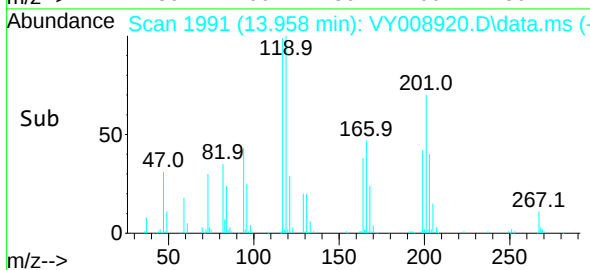
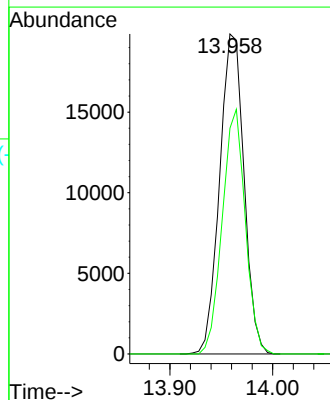
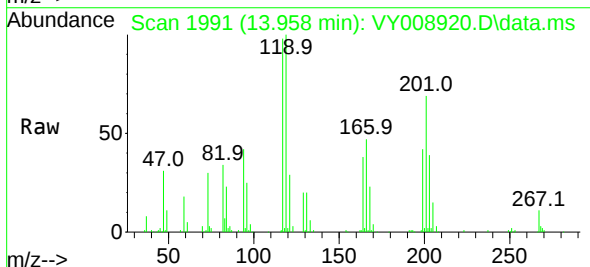
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

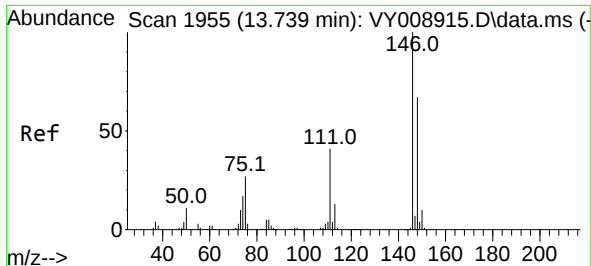
Tgt Ion: 91 Resp: 165690
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 25.3 13.0 38.9



#90
Hexachloroethane
Concen: 19.283 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY008920.D
Acq: 20 May 2022 22:31

Tgt Ion: 117 Resp: 32668
Ion Ratio Lower Upper
117 100
201 72.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.758 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

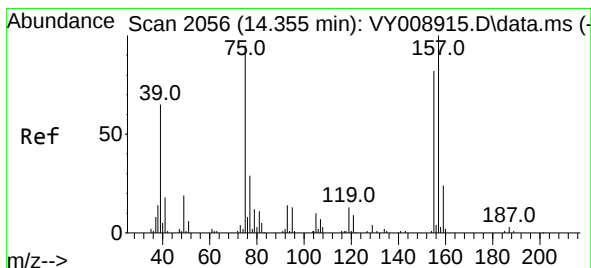
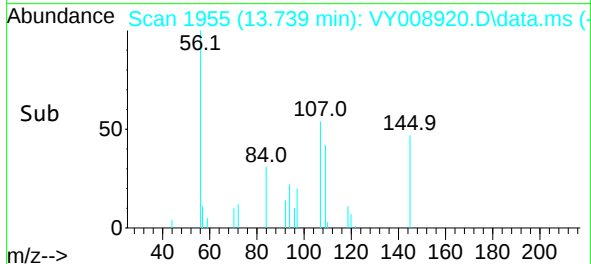
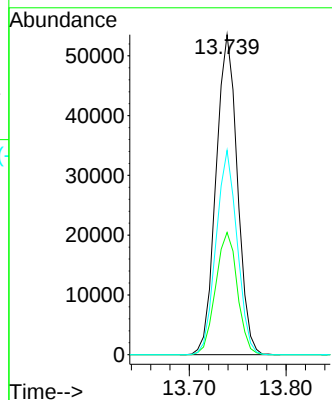
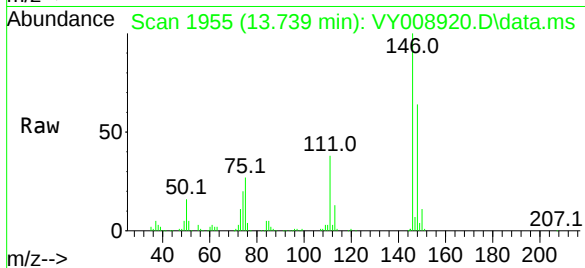
Tgt Ion:146 Resp: 82174

Ion Ratio Lower Upper

146 100

111 38.8 20.3 60.9

148 63.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.658 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

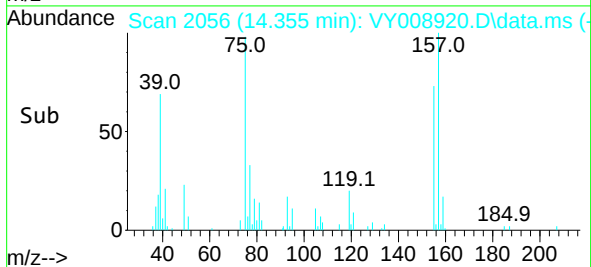
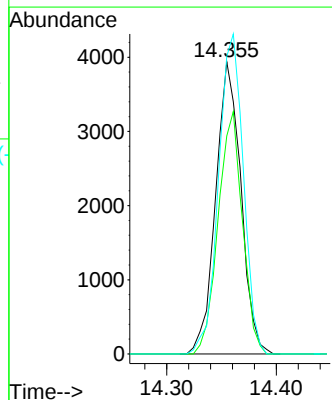
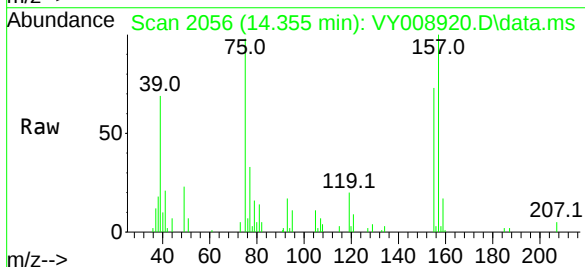
Tgt Ion: 75 Resp: 6295

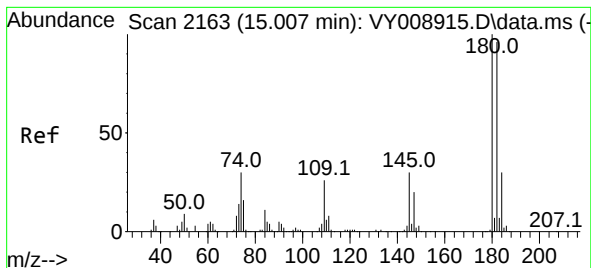
Ion Ratio Lower Upper

75 100

155 79.7 38.0 113.9

157 107.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.207 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

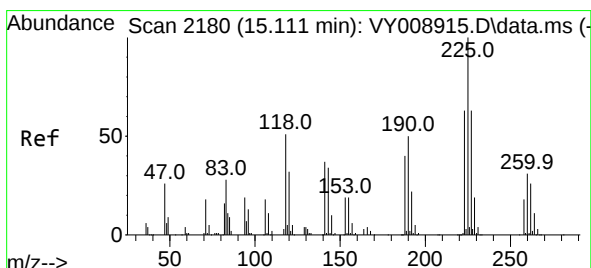
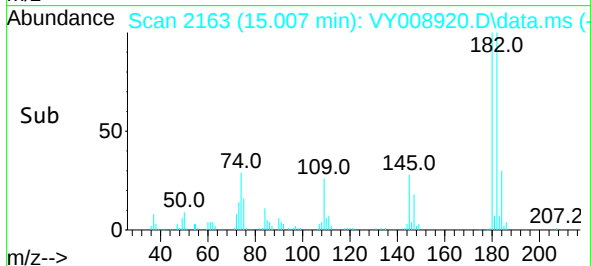
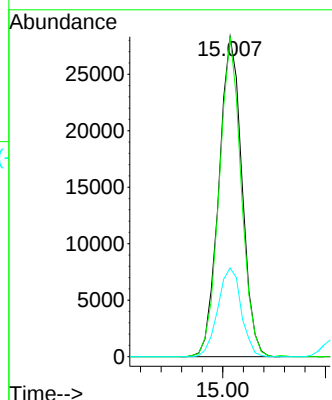
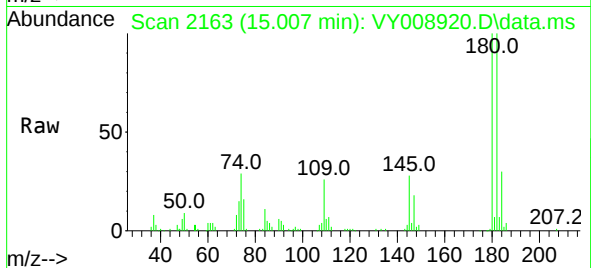
Tgt Ion:180 Resp: 43841

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 28.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.668 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

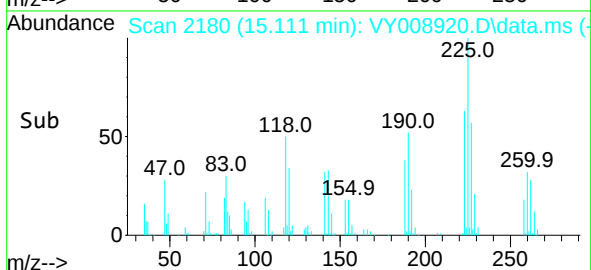
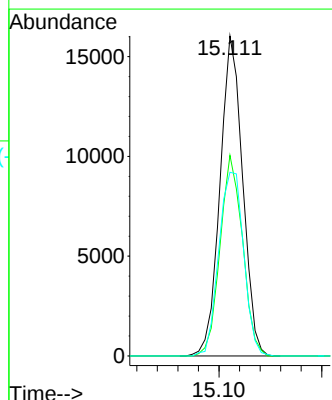
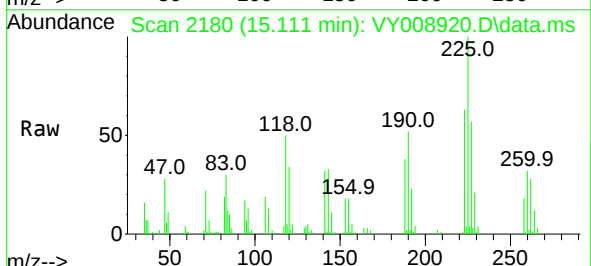
Tgt Ion:225 Resp: 24468

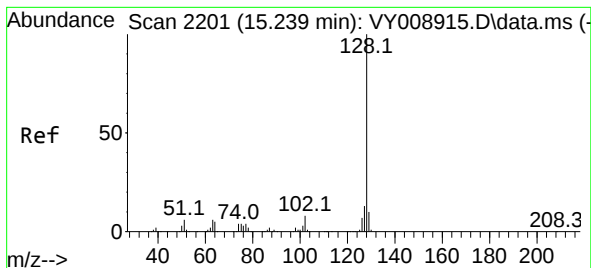
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

227 63.1 31.6 94.7





#95

Naphthalene

Concen: 19.463 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

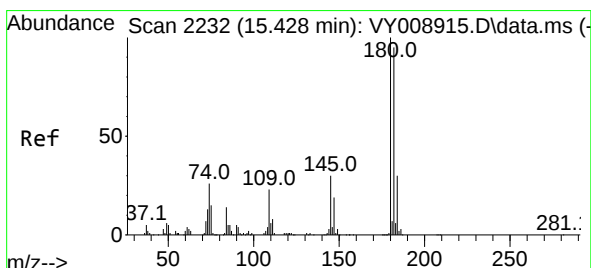
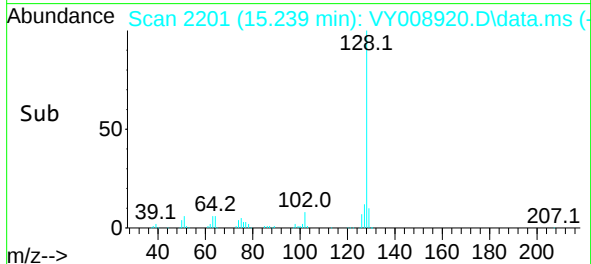
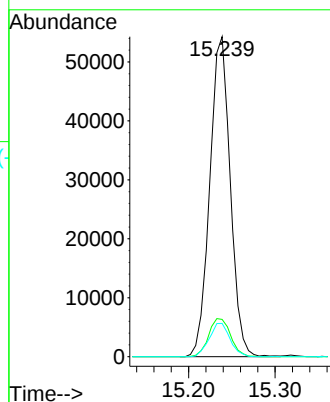
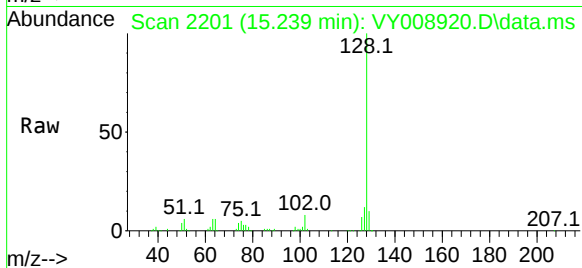
Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion:128	Resp:	89244
Ion	Ratio	Lower Upper
128	100	
127	12.7	11.0 16.4
129	10.6	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.109 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008920.D

Acq: 20 May 2022 22:31

Tgt Ion:180	Resp:	37903
Ion	Ratio	Lower Upper
180	100	
182	95.3	47.3 141.9
145	31.8	15.3 45.9

