

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010761.D
 Acq On : 03 Oct 2022 12:33
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 04 07:06:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:03:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	254731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48827	18.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.820%#
35) Dibromofluoromethane	7.716	113	62541	22.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.920%#
50) Toluene-d8	10.179	98	152614	16.383	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	32.760%#
62) 4-Bromofluorobenzene	12.483	95	102917	26.056	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35632	20.191	ug/l	98
3) Chloromethane	2.113	50	58651	19.982	ug/l	94
4) Vinyl Chloride	2.247	62	70127	19.841	ug/l	99
5) Bromomethane	2.637	94	49796	19.855	ug/l	98
6) Chloroethane	2.790	64	48195	20.461	ug/l	98
7) Trichlorofluoromethane	3.125	101	86125	20.009	ug/l	94
8) Diethyl Ether	3.528	74	28084	20.281	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	48851	19.796	ug/l	96
10) Methyl Iodide	4.088	142	65420	19.831	ug/l	92
11) Tert butyl alcohol	4.942	59	41026	113.750	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	48248	20.034	ug/l	83
13) Acrolein	3.729	56	24261	122.092	ug/l	98
14) Allyl chloride	4.472	41	71700	19.888	ug/l #	93
15) Acrylonitrile	5.161	53	70994	105.240	ug/l	98
16) Acetone	3.942	43	60998	93.018	ug/l	93
17) Carbon Disulfide	4.192	76	155061	19.923	ug/l	99
18) Methyl Acetate	4.472	43	35484	21.141	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	126362	20.043	ug/l	94
20) Methylene Chloride	4.710	84	68727	19.899	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	55286	19.659	ug/l	88
22) Diisopropyl ether	6.112	45	156408	19.782	ug/l	98
23) Vinyl Acetate	6.058	43	480871	100.404	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	95285	19.790	ug/l	98
25) 2-Butanone	6.984	43	93906	99.604	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	88251	19.309	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	61350	19.658	ug/l	91
28) Bromochloromethane	7.332	49	20551	13.426	ug/l	92
29) Tetrahydrofuran	7.344	42	58812	106.080	ug/l #	86
30) Chloroform	7.502	83	98042	19.731	ug/l	97
31) Cyclohexane	7.783	56	89505	19.366	ug/l #	89
32) 1,1,1-Trichloroethane	7.697	97	88768	19.831	ug/l	97
36) 1,1-Dichloropropene	7.917	75	76872	19.549	ug/l	98
37) Ethyl Acetate	7.070	43	41468	21.490	ug/l #	94
38) Carbon Tetrachloride	7.899	117	79870	19.501	ug/l	99
39) Methylcyclohexane	9.185	83	94898	19.647	ug/l	89
40) Benzene	8.161	78	223145	19.700	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	55699	56.670	ug/l #	18
42) 1,2-Dichloroethane	8.234	62	63746	19.906	ug/l	92
43) Isopropyl Acetate	8.271	43	72269	20.693	ug/l #	91
44) Trichloroethene	8.941	130	59830	19.507	ug/l	99
45) 1,2-Dichloropropane	9.216	63	53122	19.453	ug/l	97
46) Dibromomethane	9.307	93	31133	19.932	ug/l	97
47) Bromodichloromethane	9.496	83	73812	19.582	ug/l	99
48) Methyl methacrylate	9.295	41	33477	20.408	ug/l #	86
49) 1,4-Dioxane	9.295	88	8514	442.802	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	201399	105.403	ug/l	91
52) Toluene	10.246	92	139824	19.396	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	75530	19.354	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	86153	19.278	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	43662	19.922	ug/l	99
56) Ethyl methacrylate	10.508	69	55800	19.815	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	73999	19.859	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	99483	79.866	ug/l	95
59) 2-Hexanone	10.831	43	135231	102.187	ug/l	88
60) Dibromochloromethane	10.983	129	51793	19.710	ug/l	100
61) 1,2-Dibromoethane	11.087	107	42151	20.171	ug/l	99
64) Tetrachloroethene	10.721	164	57367	19.792	ug/l	99
65) Chlorobenzene	11.514	112	149242	19.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54059	19.536	ug/l	98
67) Ethyl Benzene	11.593	91	265039	19.453	ug/l	99
68) m/p-Xylenes	11.703	106	207372	38.892	ug/l	95
69) o-Xylene	12.026	106	96177	19.293	ug/l	95
70) Styrene	12.044	104	163523	19.463	ug/l	96
71) Bromoform	12.209	173	33192	20.152	ug/l #	98
73) Isopropylbenzene	12.331	105	257566	19.708	ug/l	99
74) N-amyl acetate	12.142	43	60230	20.052	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	50238	20.575	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	66683	37.326	ug/l #	100
77) Bromobenzene	12.605	156	58856	19.631	ug/l	97
78) n-propylbenzene	12.672	91	314102	19.735	ug/l	99
79) 2-Chlorotoluene	12.758	91	174349	19.579	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	219782	19.883	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17043	19.775	ug/l	91
82) 4-Chlorotoluene	12.855	91	181305	19.471	ug/l	99
83) tert-Butylbenzene	13.075	119	185374	19.671	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	217010	19.968	ug/l	98
85) sec-Butylbenzene	13.251	105	277953	19.594	ug/l	99
86) p-Isopropyltoluene	13.367	119	236183	19.845	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	117930	19.380	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	119439	19.822	ug/l	99
89) n-Butylbenzene	13.696	91	215184	19.648	ug/l	99
90) Hexachloroethane	13.959	117	44460	19.530	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	104722	19.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8180	20.834	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	61078	19.626	ug/l	99
94) Hexachlorobutadiene	15.111	225	38613	20.124	ug/l	99
95) Naphthalene	15.233	128	118400	19.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	52555	19.811	ug/l	99

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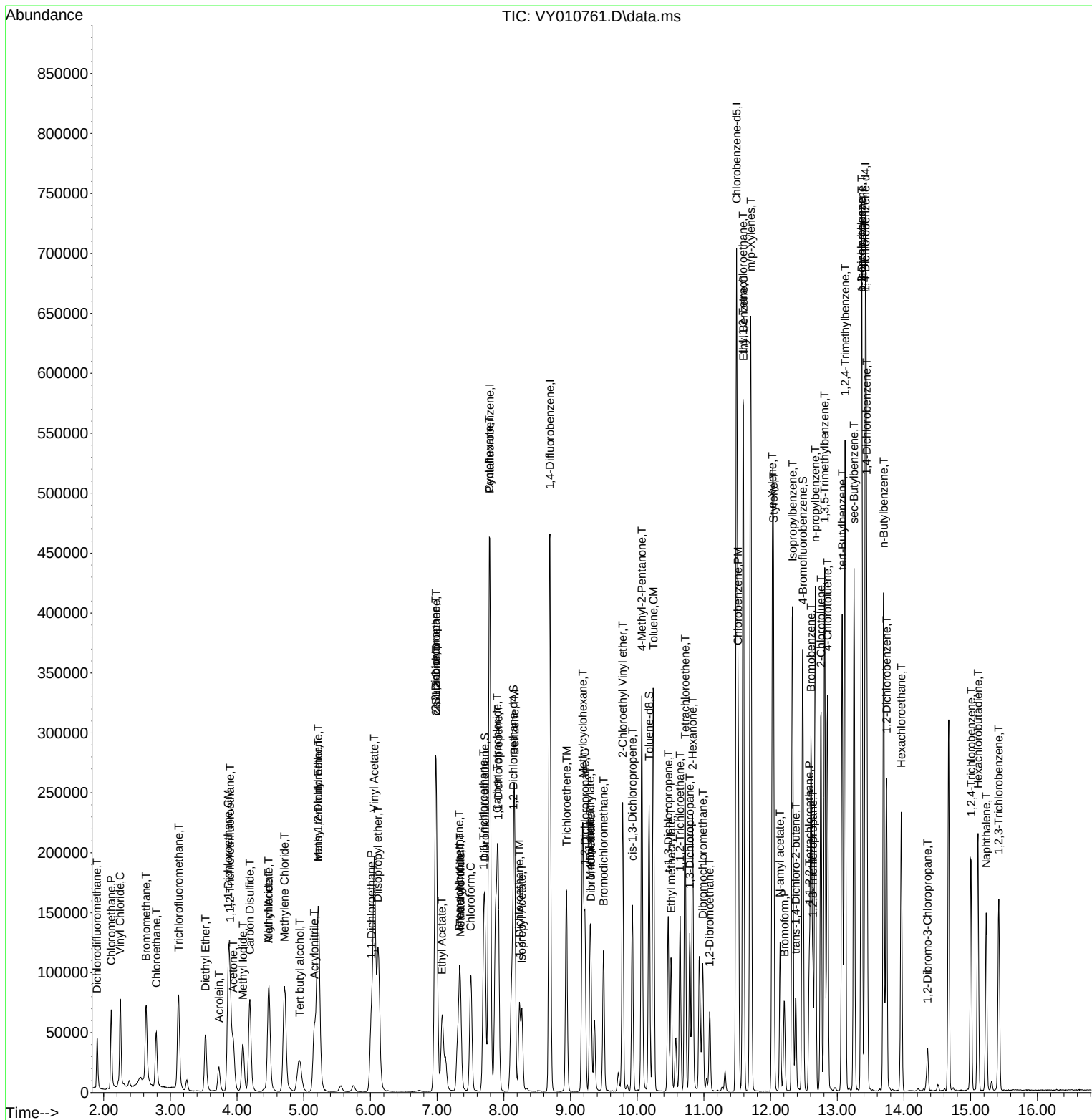
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MSVOA_Y
ClientSampleId :
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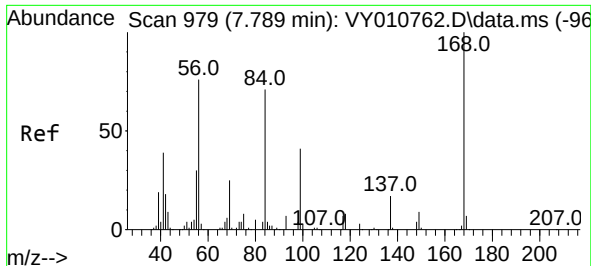
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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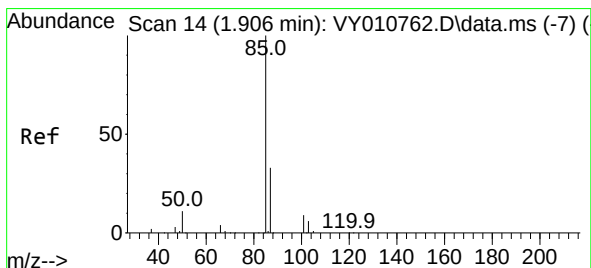
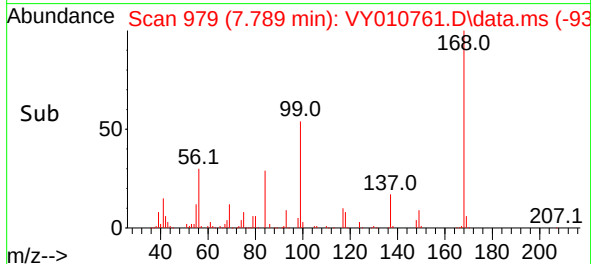
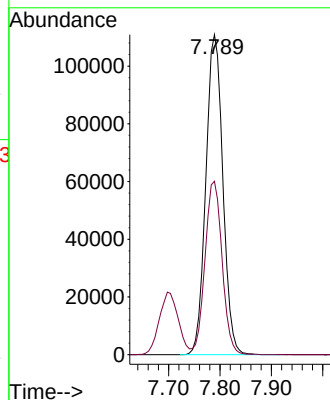
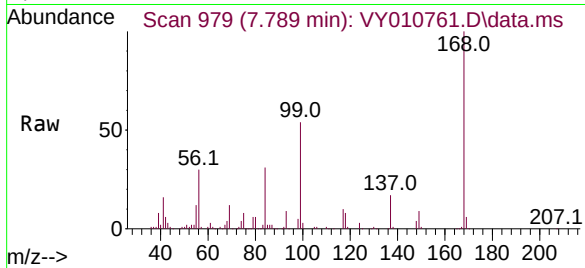




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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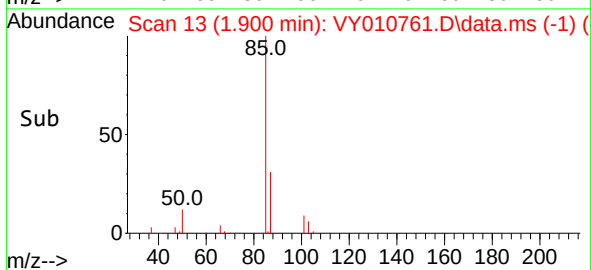
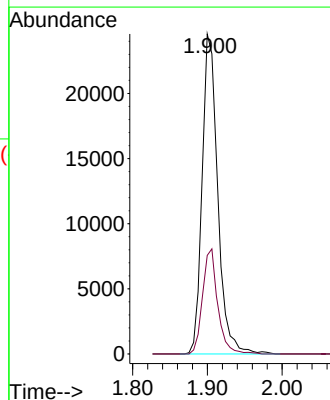
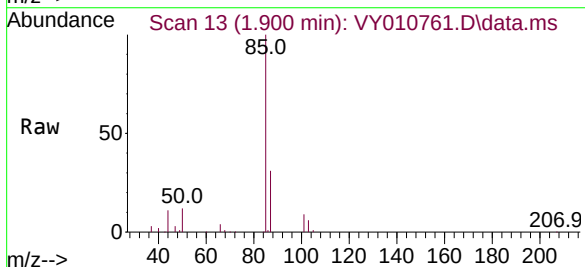
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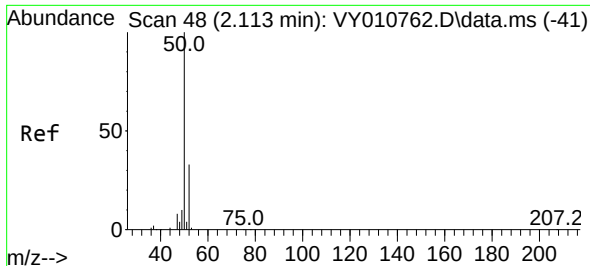
Tgt Ion:168 Resp: 254731
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 20.191 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 85 Resp: 35632
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.2

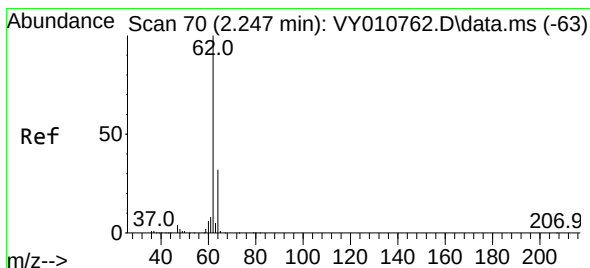
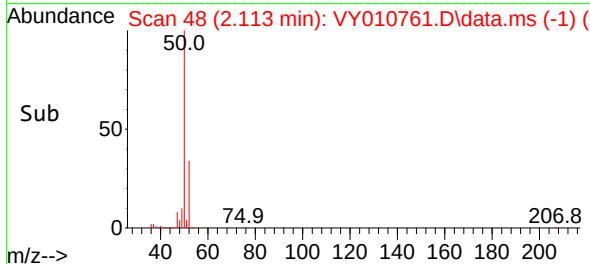
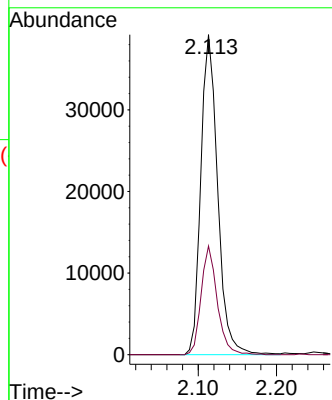
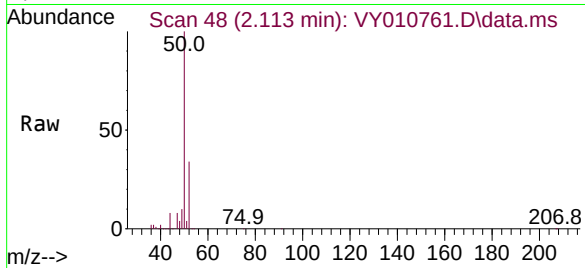




#3
Chloromethane
Concen: 19.982 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

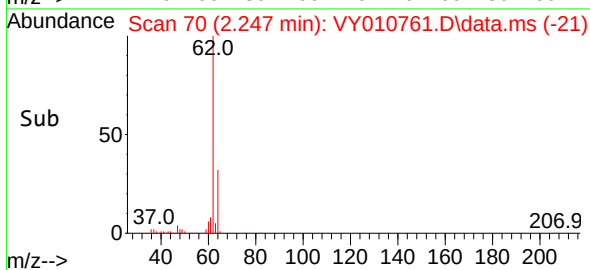
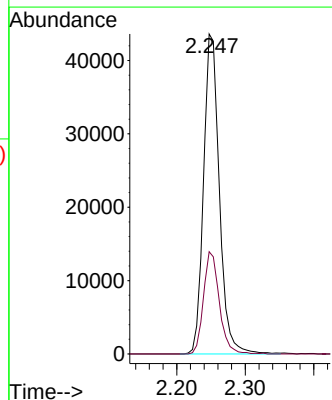
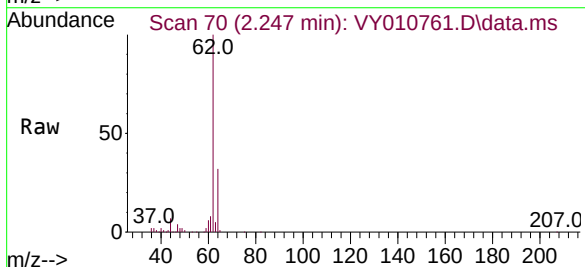
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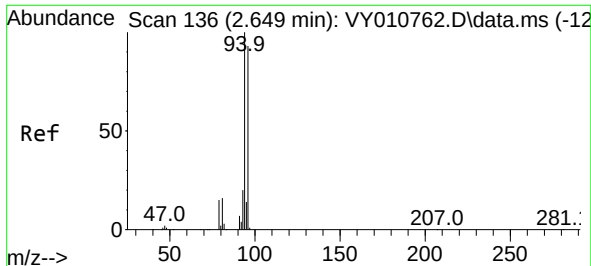
Tgt Ion: 50 Resp: 58651
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0



#4
Vinyl Chloride
Concen: 19.841 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 62 Resp: 70127
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6

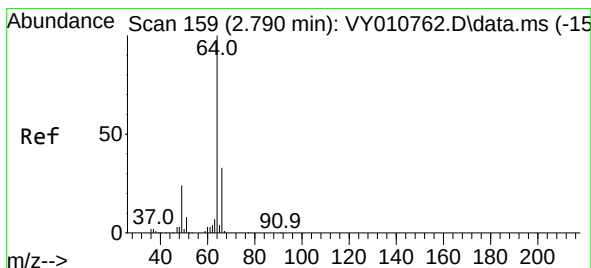
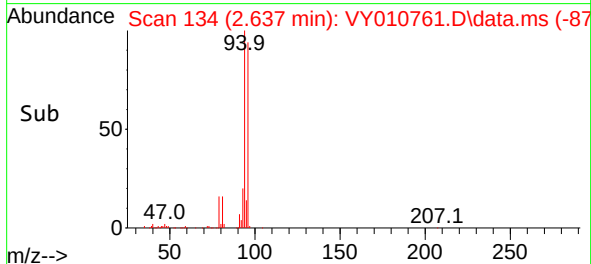
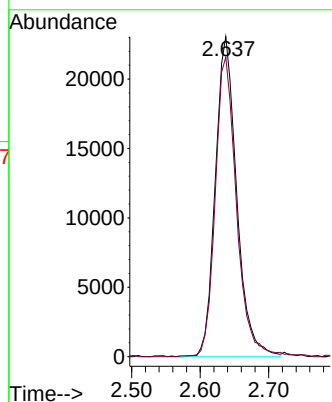
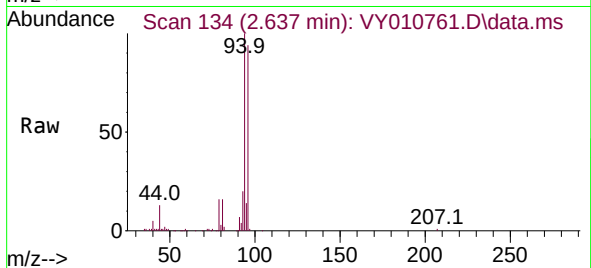




#5
Bromomethane
Concen: 19.855 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

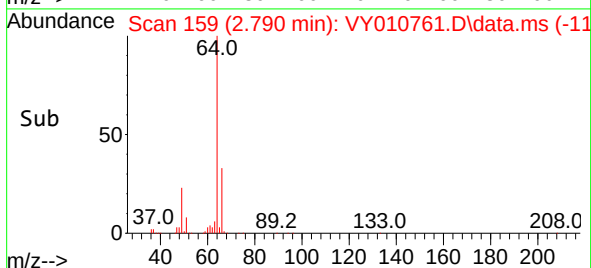
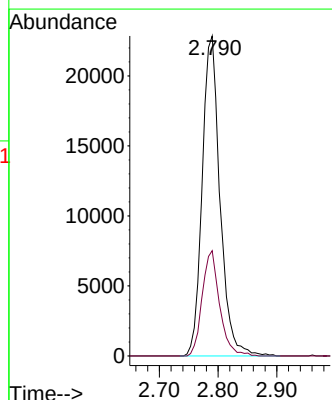
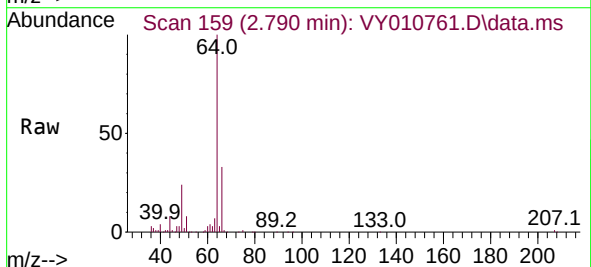
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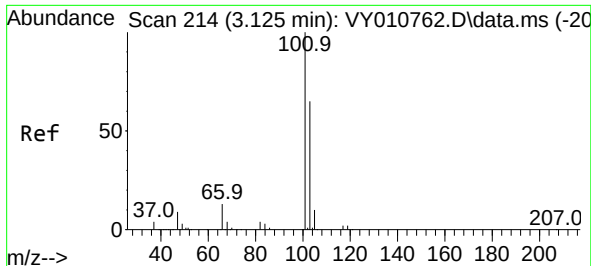
Tgt Ion: 94 Resp: 49796
Ion Ratio Lower Upper
94 100
96 93.4 73.5 110.3



#6
Chloroethane
Concen: 20.461 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 64 Resp: 48195
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.0

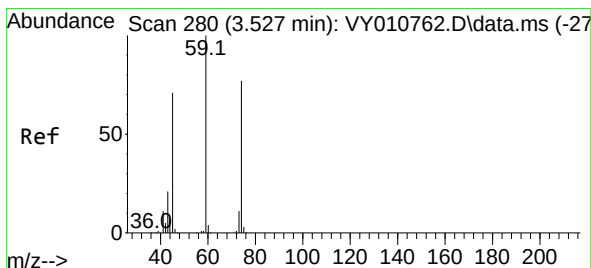
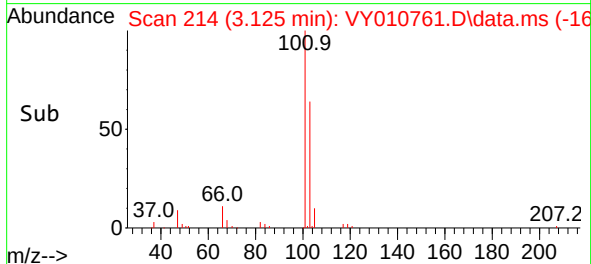
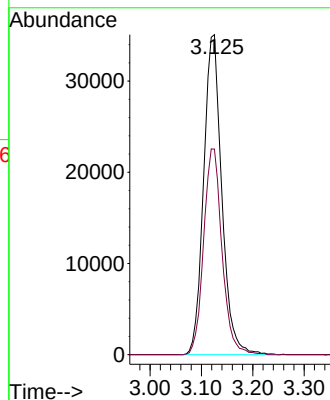
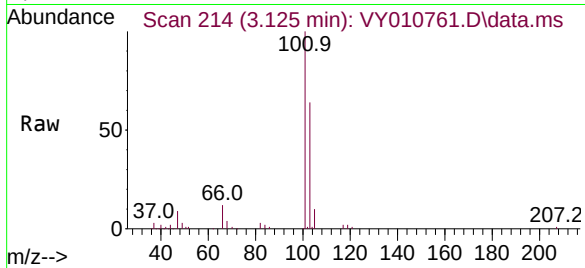




#7
 Trichlorofluoromethane
 Concen: 20.009 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY010761.D
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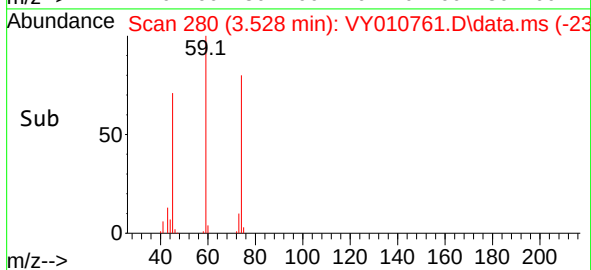
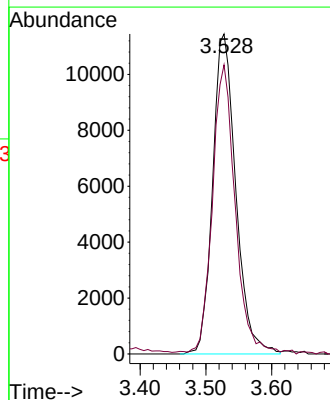
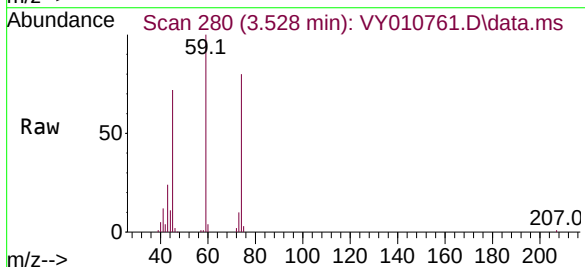
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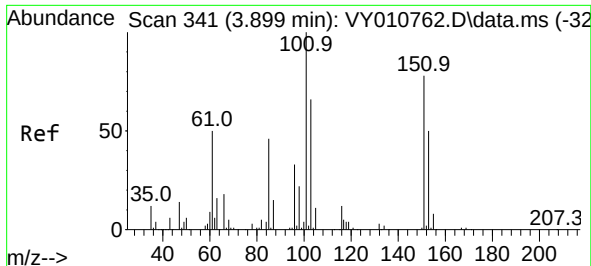
Tgt Ion:101 Resp: 86125
 Ion Ratio Lower Upper
 101 100
 103 64.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 20.281 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY010761.D
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Tgt Ion: 74 Resp: 28084
 Ion Ratio Lower Upper
 74 100
 45 86.7 55.1 165.5

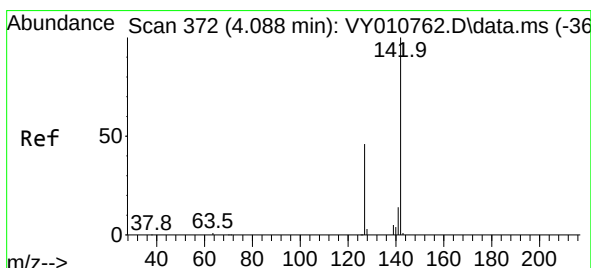
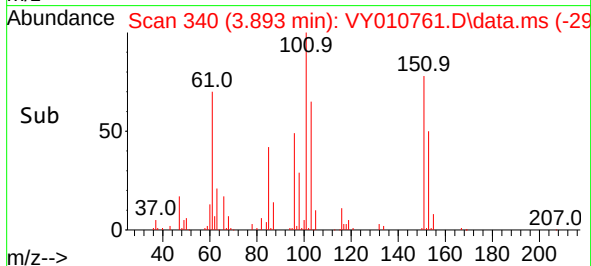
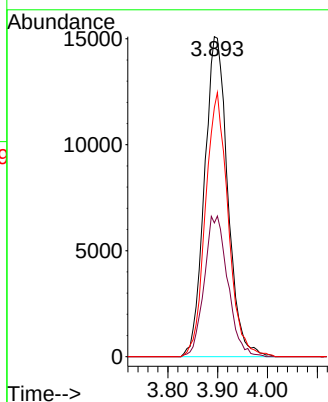
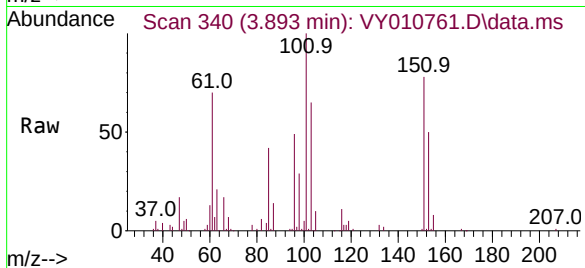




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.796 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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Acq: 03 Oct 2022 12:33

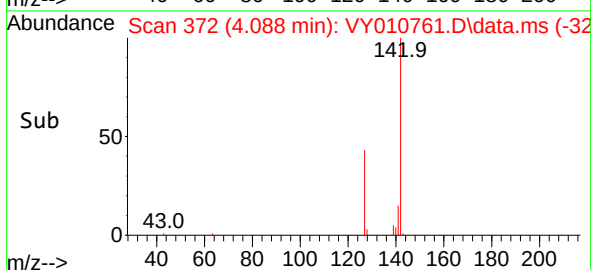
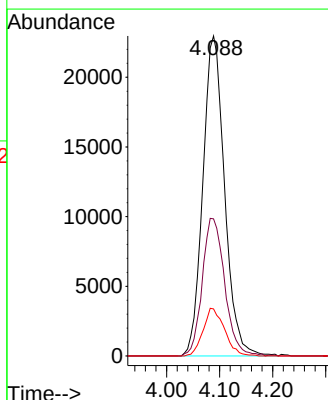
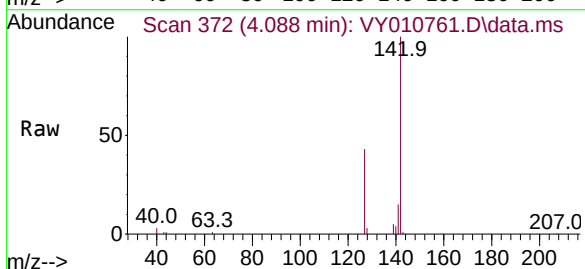
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

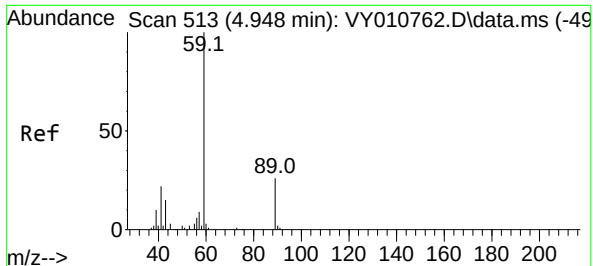
Tgt Ion:101 Resp: 48851
Ion Ratio Lower Upper
101 100
85 44.6 40.6 60.8
151 80.7 64.9 97.3



#10
Methyl Iodide
Concen: 19.831 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion:142 Resp: 65420
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 14.7 11.9 17.9

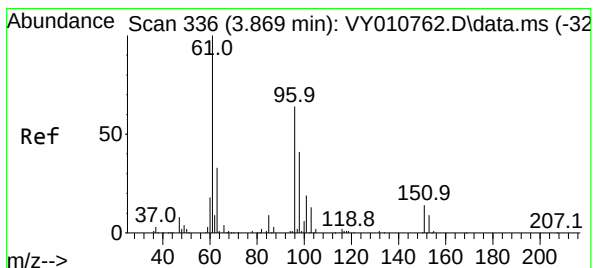
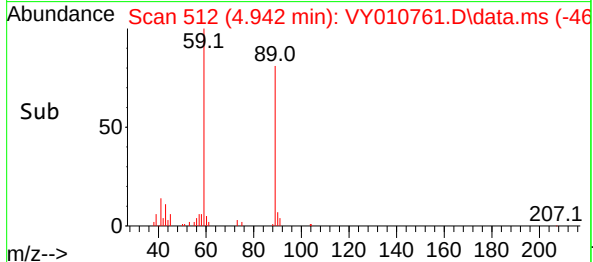
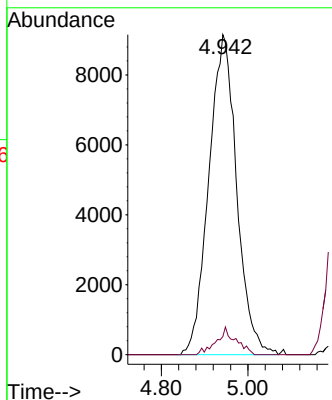
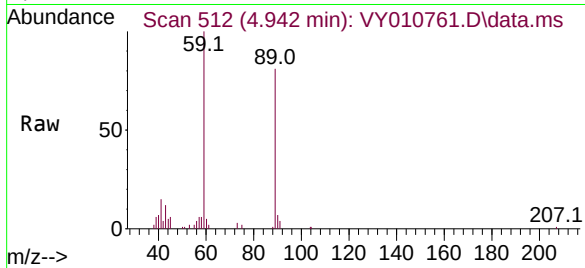




#11
Tert butyl alcohol
Concen: 113.750 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

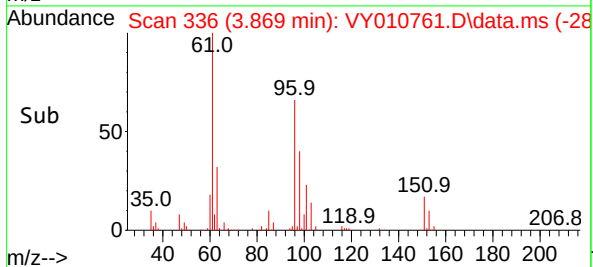
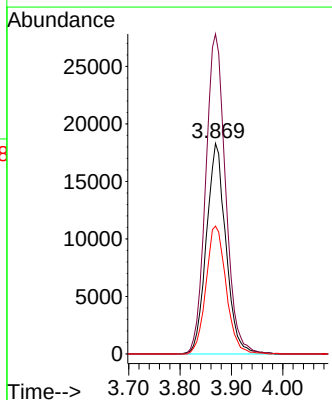
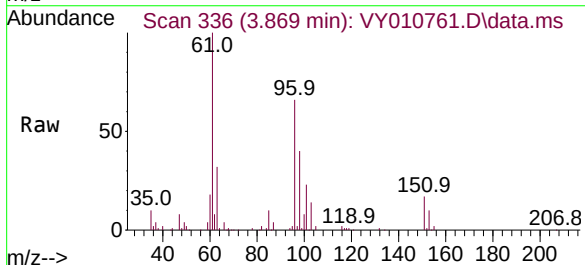
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

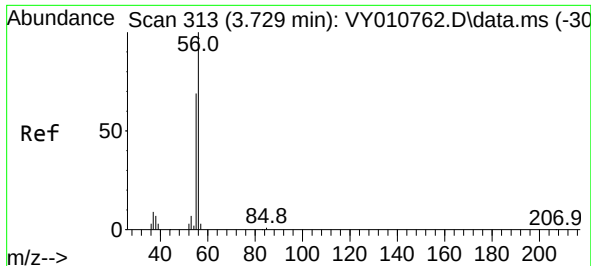
Tgt Ion: 59 Resp: 41026
Ion Ratio Lower Upper
59 100
57 6.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 20.034 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 96 Resp: 48248
Ion Ratio Lower Upper
96 100
61 151.9 145.8 218.6
98 60.7 52.5 78.7





#13

Acrolein

Concen: 122.092 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

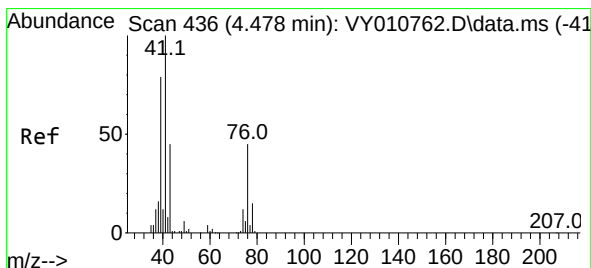
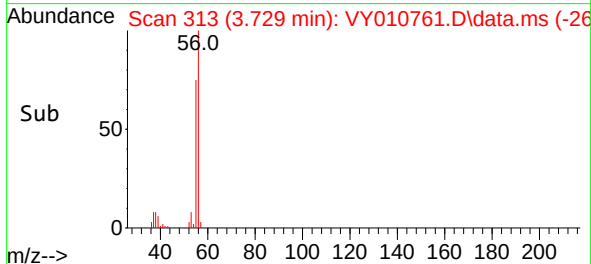
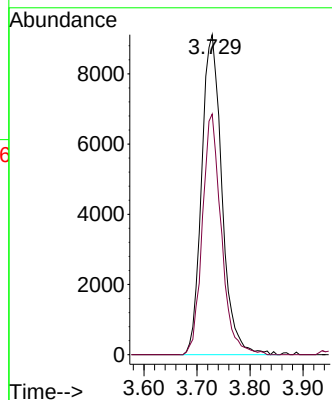
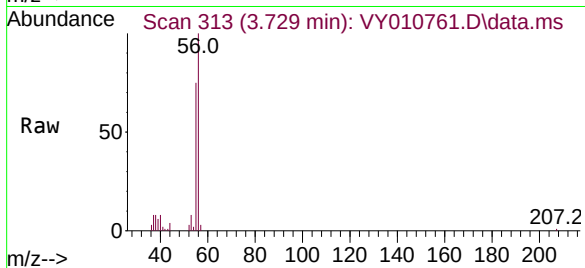
VSTDICC020

Tgt Ion: 56 Resp: 24261

Ion Ratio Lower Upper

56 100

55 70.1 57.6 86.4



#14

Allyl chloride

Concen: 19.888 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

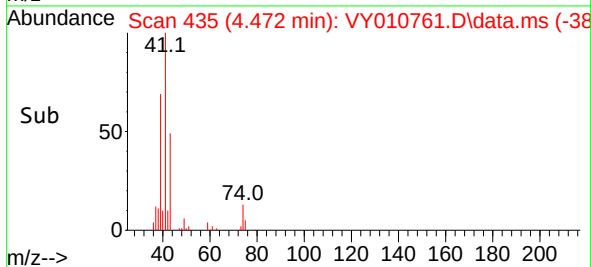
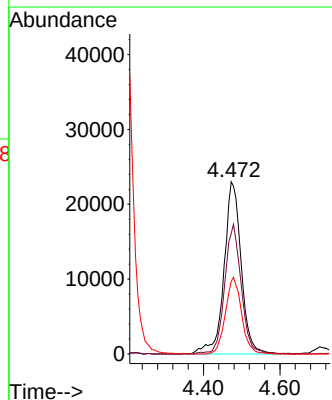
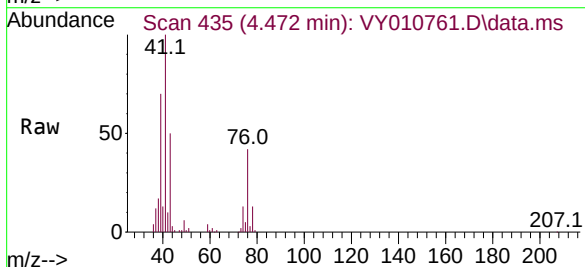
Tgt Ion: 41 Resp: 71700

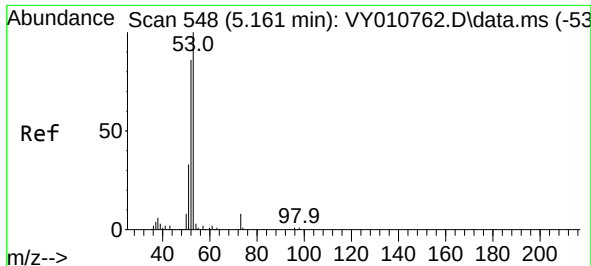
Ion Ratio Lower Upper

41 100

39 72.3 58.8 88.2

76 41.8 25.1 37.7#

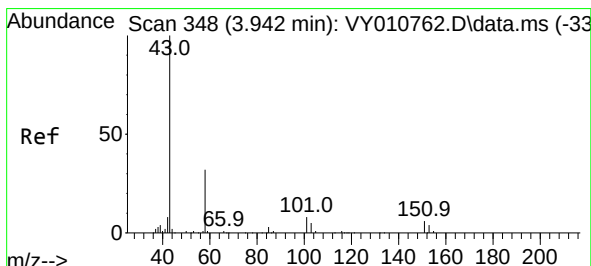
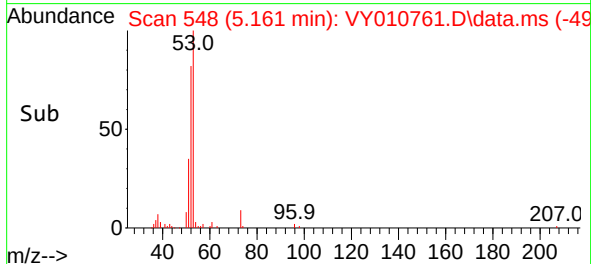
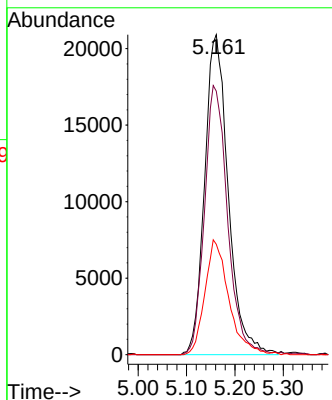
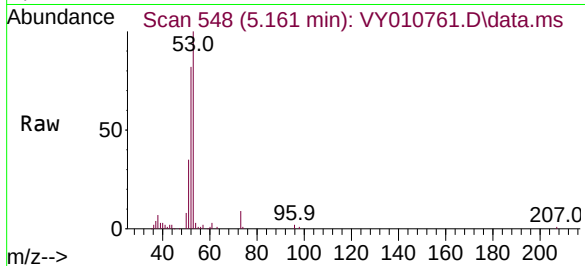




#15
Acrylonitrile
Concen: 105.240 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

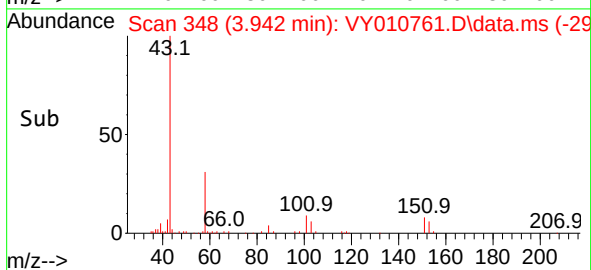
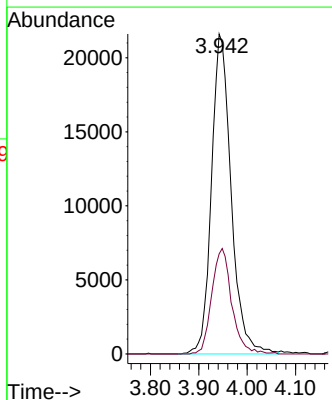
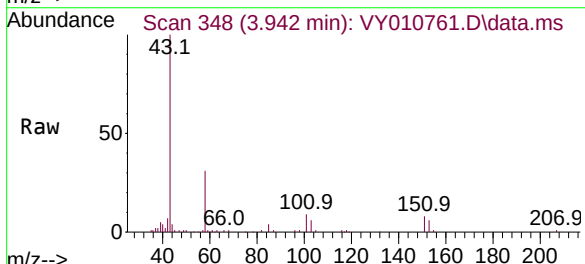
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

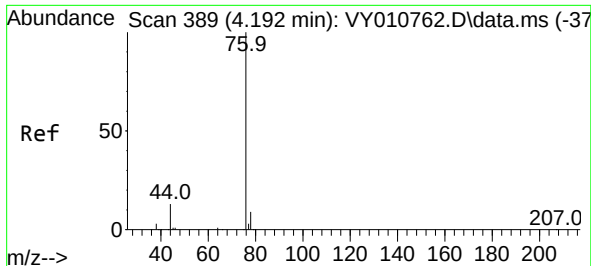
Tgt Ion:	53	Resp:	70994
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.0	100.4
51	36.2	29.8	44.6



#16
Acetone
Concen: 93.018 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion:	43	Resp:	60998
Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.0	33.0

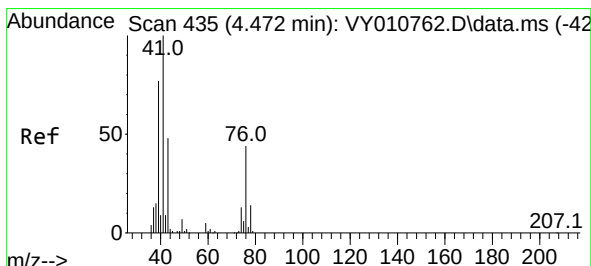
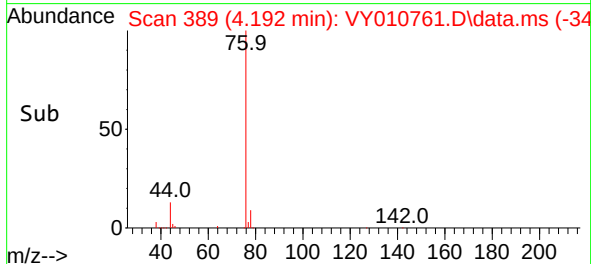
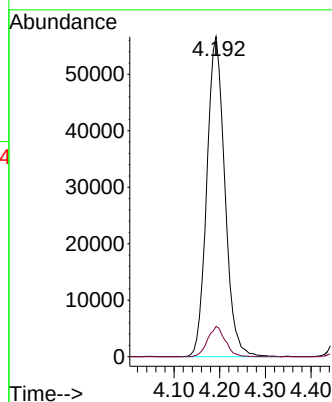
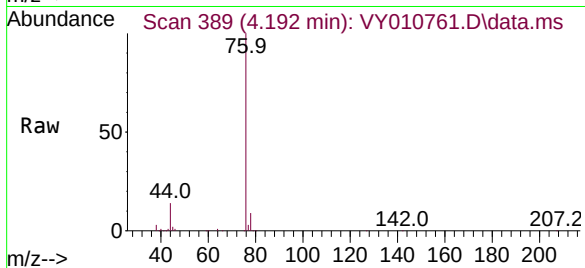




#17
Carbon Disulfide
Concen: 19.923 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

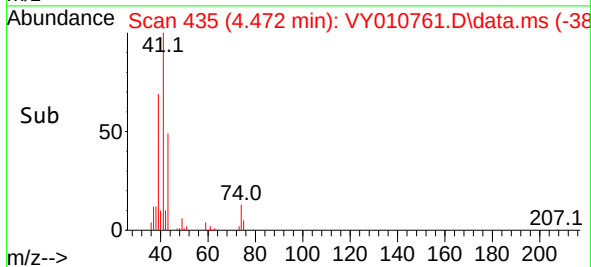
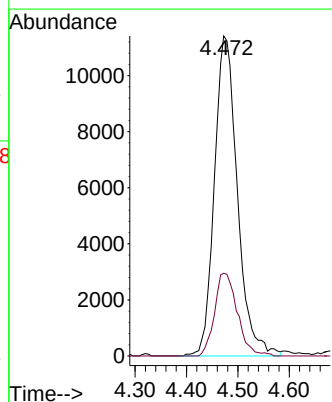
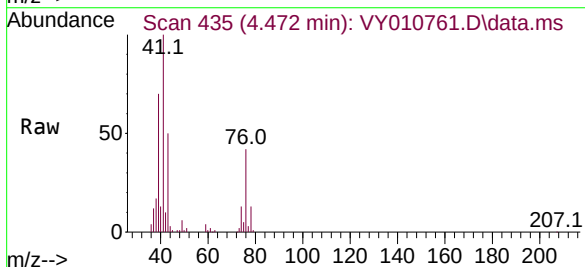
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

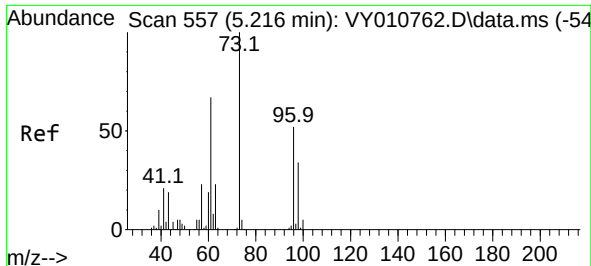
Tgt Ion: 76 Resp: 155061
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 21.141 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 43 Resp: 35484
Ion Ratio Lower Upper
43 100
74 25.6 16.6 24.8#

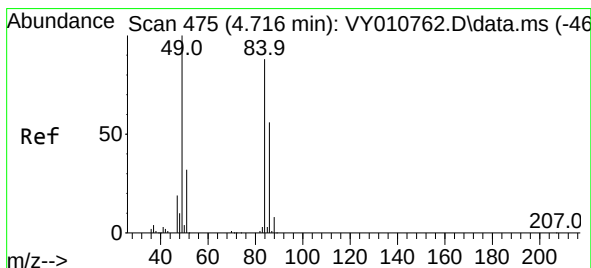
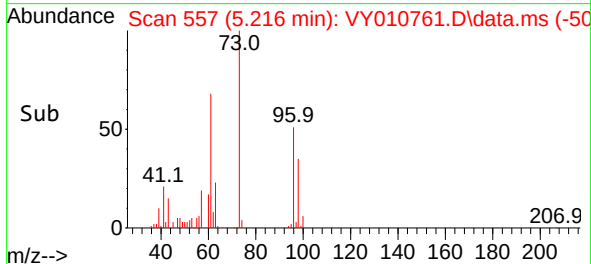
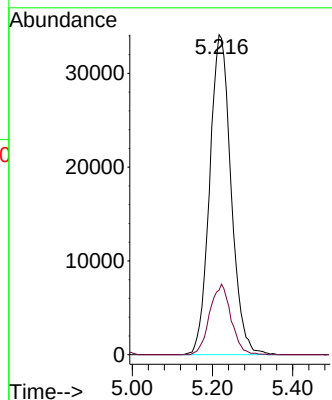
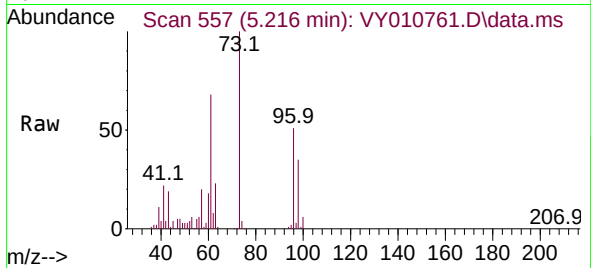




#19
Methyl tert-butyl Ether
Concen: 20.043 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

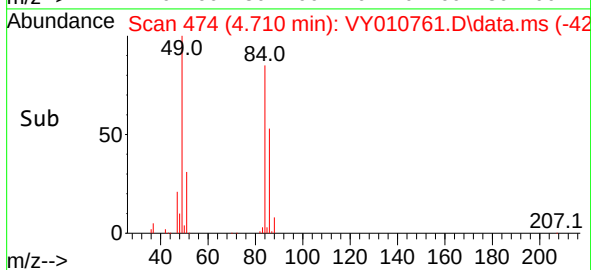
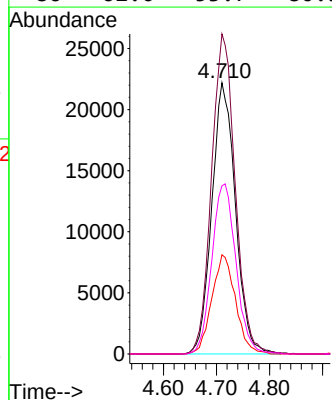
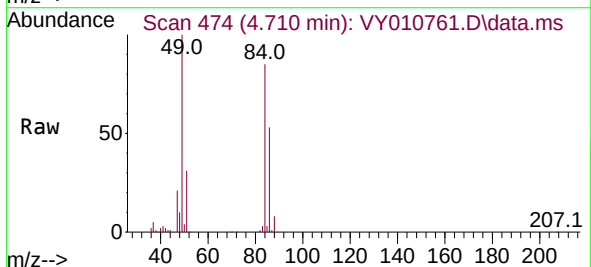
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

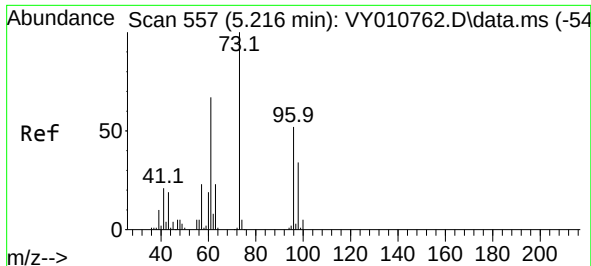
Tgt Ion: 73 Resp: 126362
Ion Ratio Lower Upper
73 100
57 20.2 18.6 27.8



#20
Methylene Chloride
Concen: 19.899 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 84 Resp: 68727
Ion Ratio Lower Upper
84 100
49 118.0 114.4 171.6
51 36.6 35.3 52.9
86 62.0 53.7 80.5

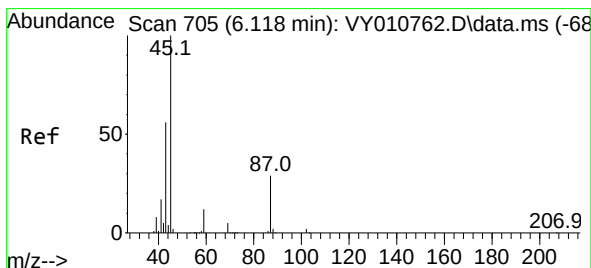
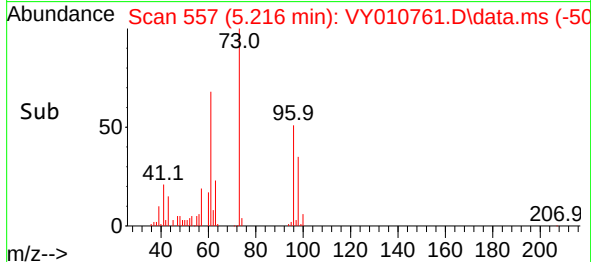
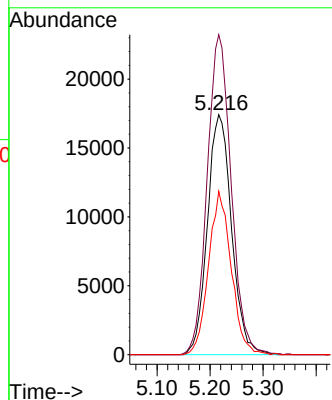
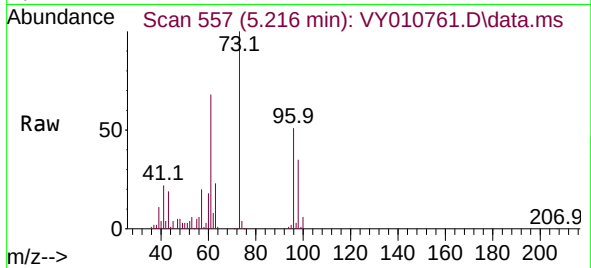




#21
trans-1,2-Dichloroethene
Concen: 19.659 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

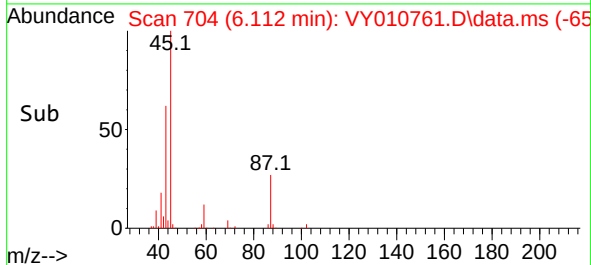
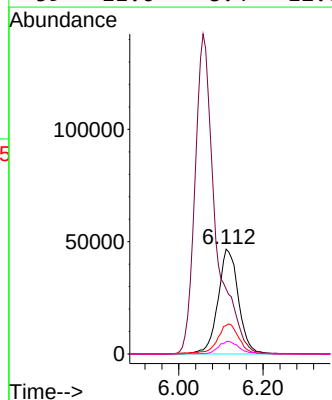
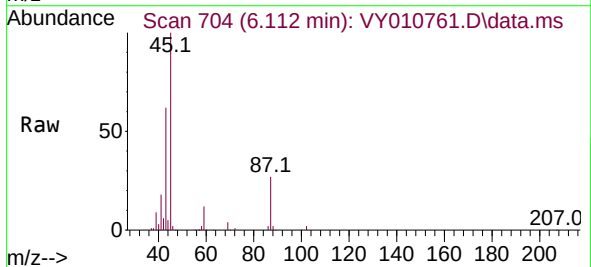
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

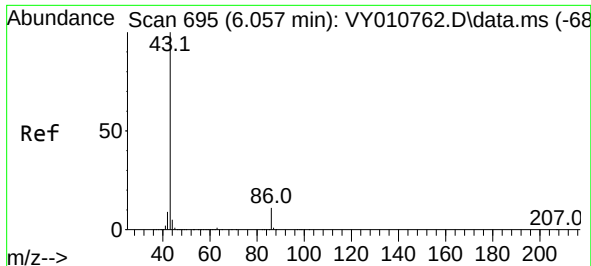
Tgt Ion: 96 Resp: 55286
Ion Ratio Lower Upper
96 100
61 133.3 120.5 180.7
98 68.1 49.8 74.8



#22
Diisopropyl ether
Concen: 19.782 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 45 Resp: 156408
Ion Ratio Lower Upper
45 100
43 61.7 49.3 73.9
87 27.1 19.2 28.8
59 11.6 8.4 12.6

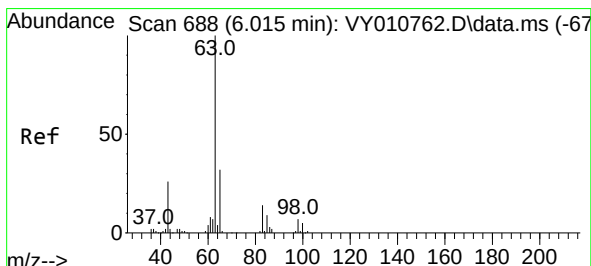
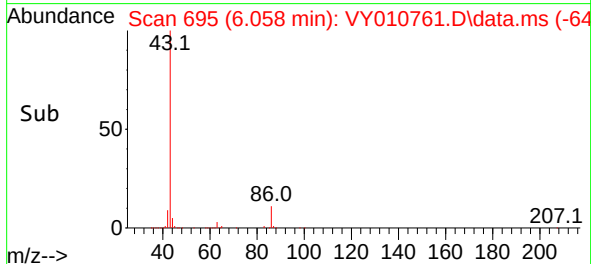
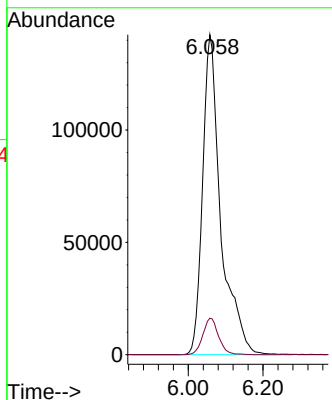
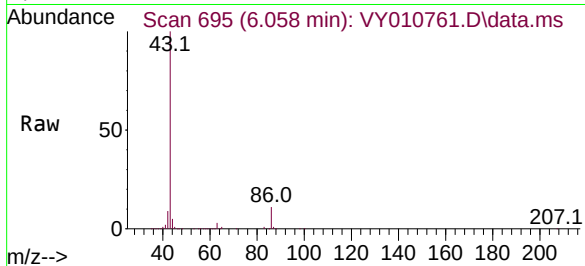




#23
 Vinyl Acetate
 Concen: 100.404 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

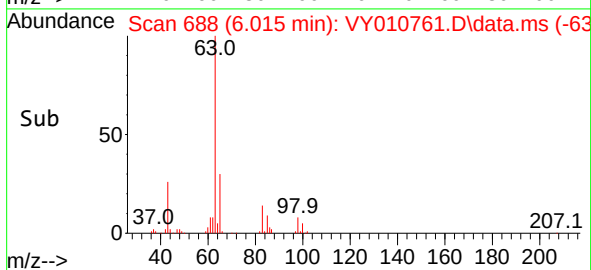
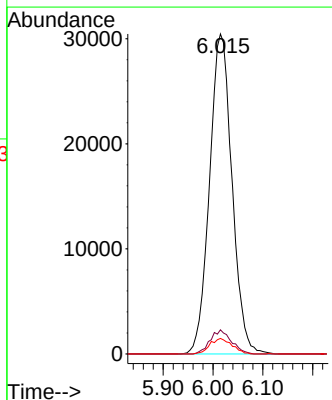
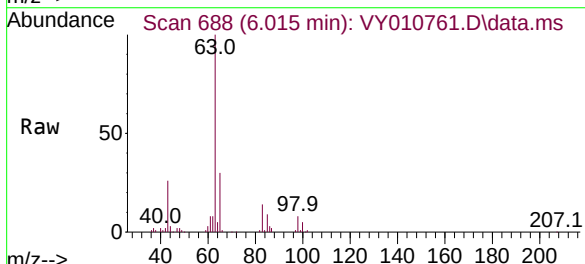
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

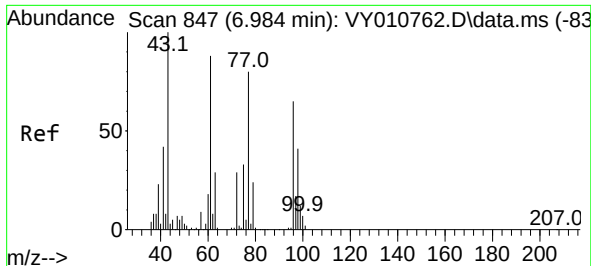
Tgt Ion: 43 Resp: 480871
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.790 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

Tgt Ion: 63 Resp: 95285
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.8 2.0 5.8

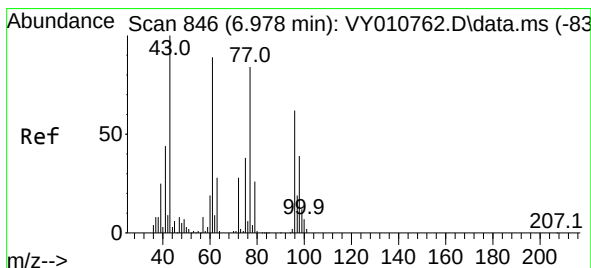
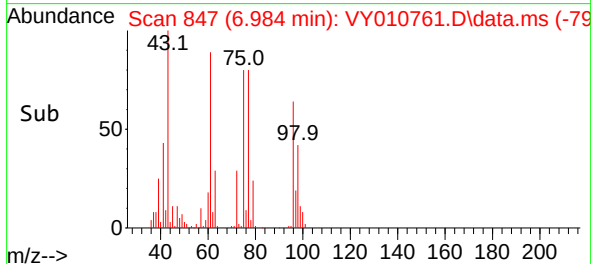
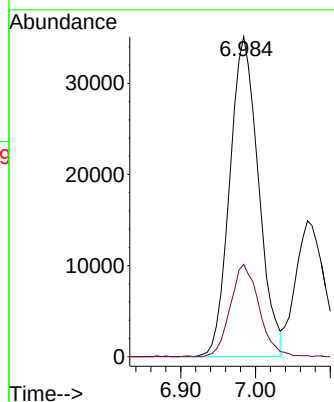
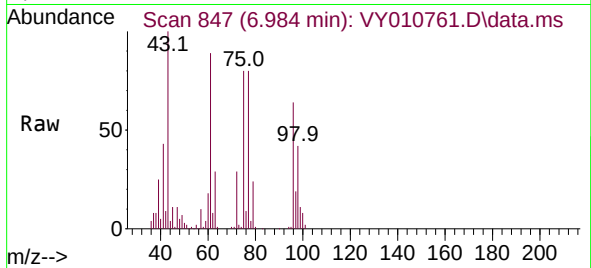




#25
2-Butanone
Concen: 99.604 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

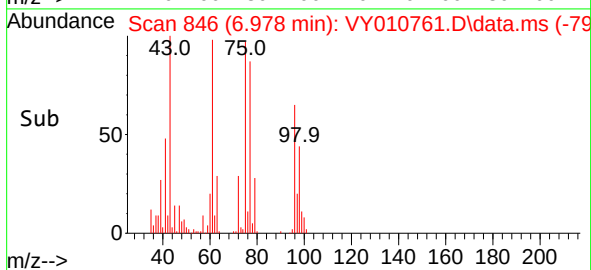
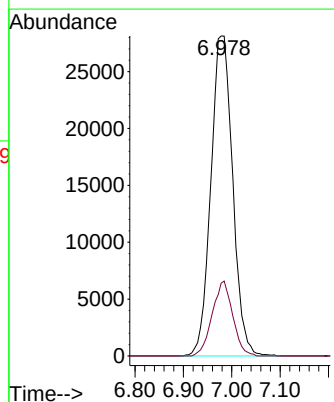
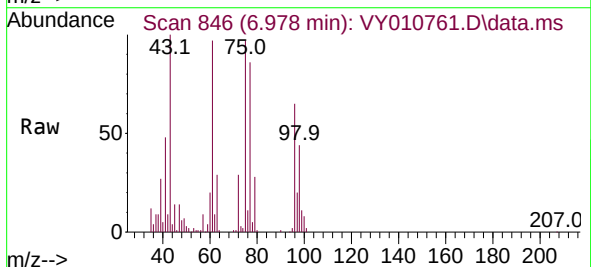
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

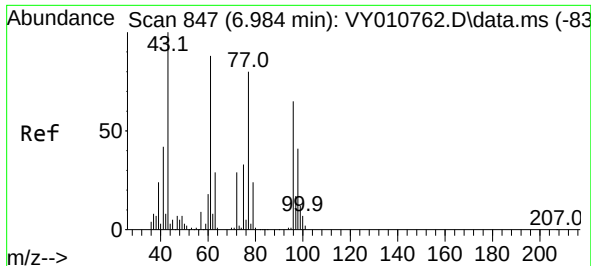
Tgt Ion: 43 Resp: 93906
Ion Ratio Lower Upper
43 100
72 28.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 19.309 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 77 Resp: 88251
Ion Ratio Lower Upper
77 100
97 21.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.658 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

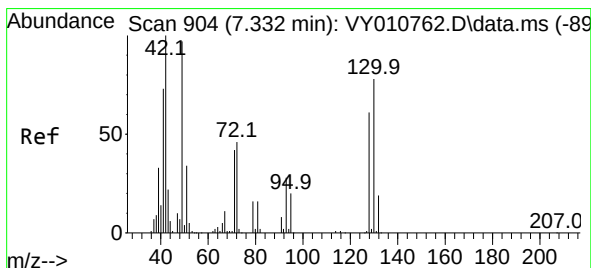
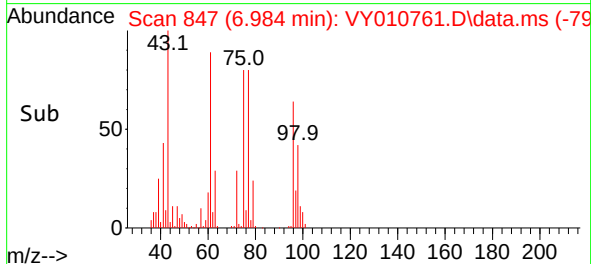
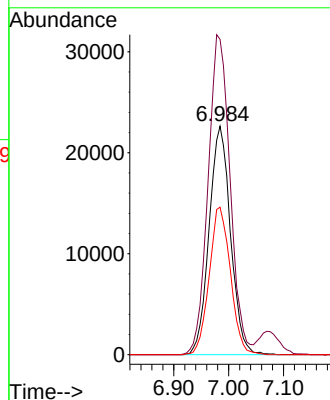
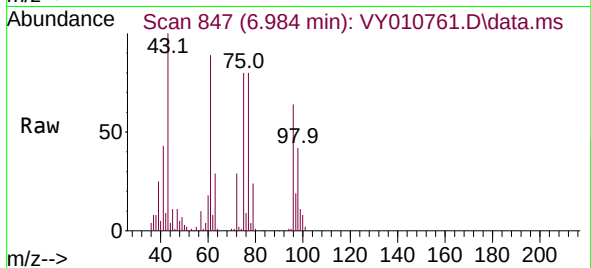
Tgt Ion: 96 Resp: 61350

Ion Ratio Lower Upper

96 100

61 144.0 0.0 319.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 13.426 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

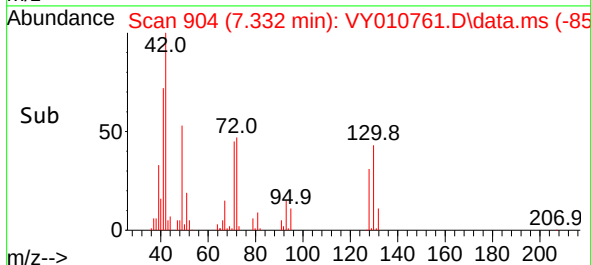
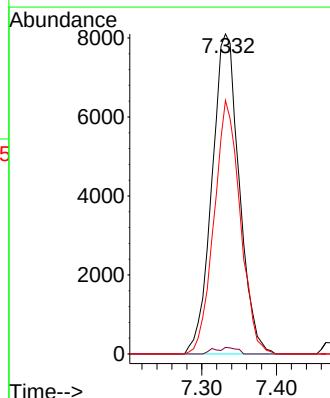
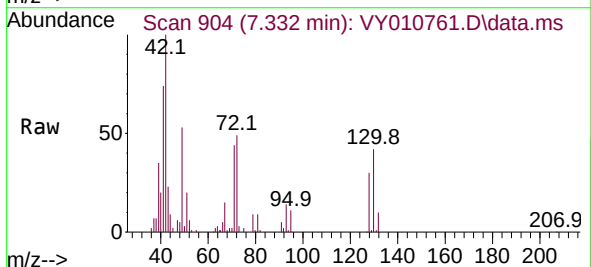
Tgt Ion: 49 Resp: 20551

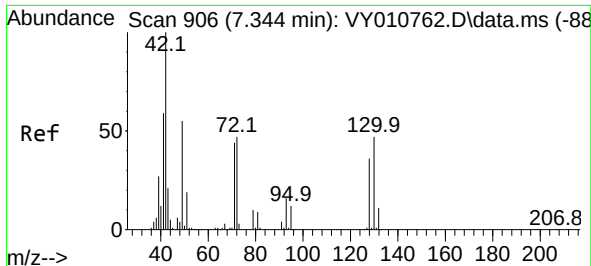
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.2

130 76.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 106.080 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

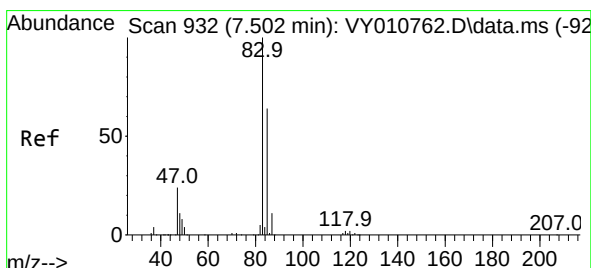
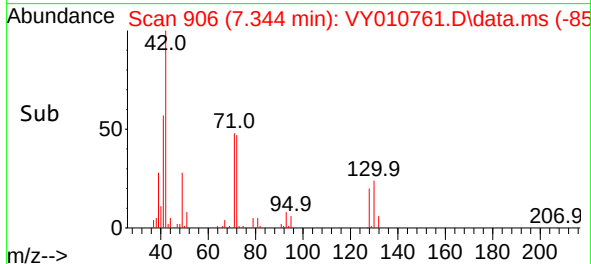
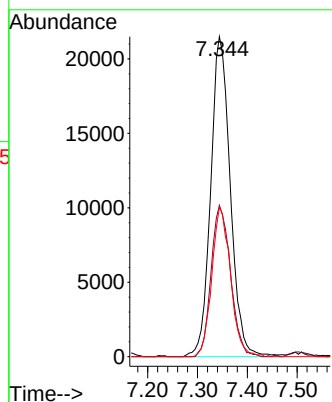
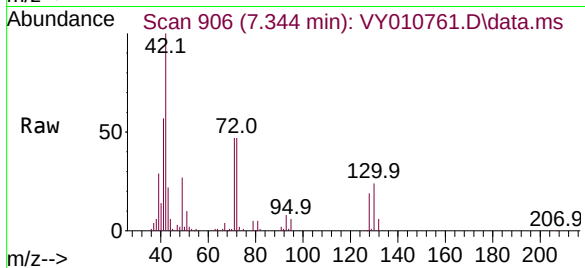
Tgt Ion: 42 Resp: 58812

Ion Ratio Lower Upper

42 100

72 46.7 30.3 45.5#

71 44.6 29.0 43.4#



#30

Chloroform

Concen: 19.731 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010761.D

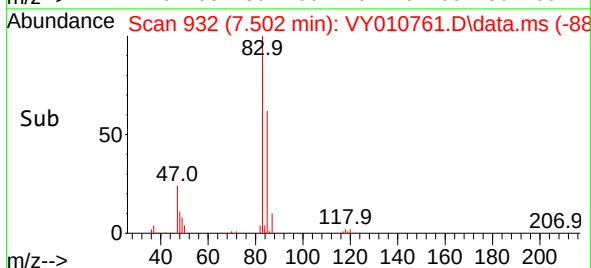
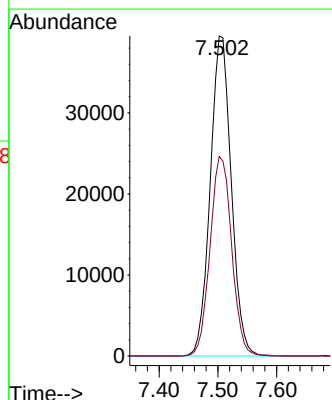
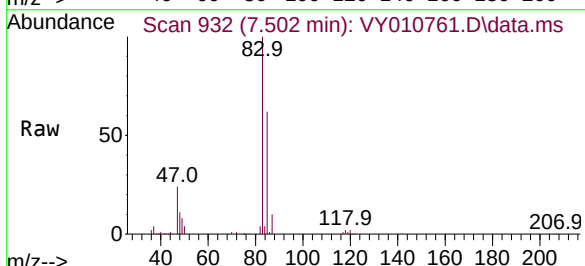
Acq: 03 Oct 2022 12:33

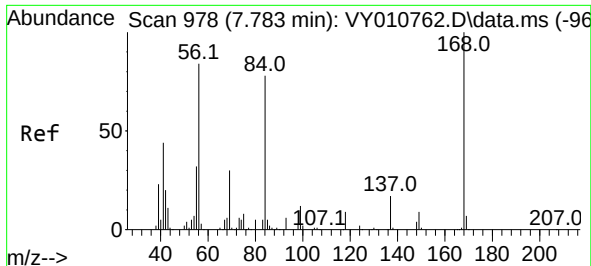
Tgt Ion: 83 Resp: 98042

Ion Ratio Lower Upper

83 100

85 62.4 51.8 77.6

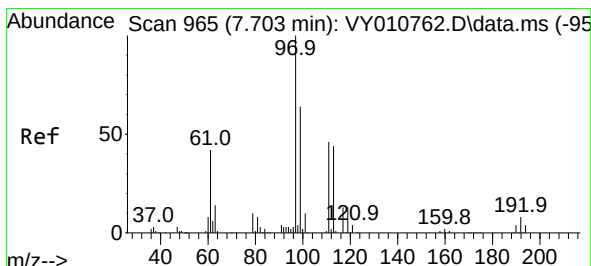
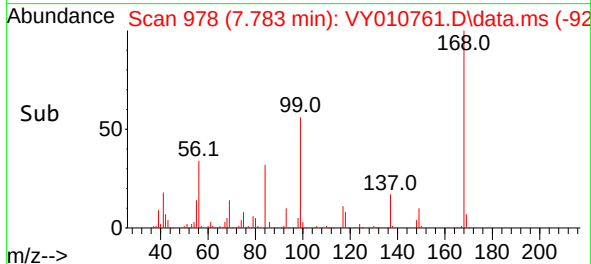
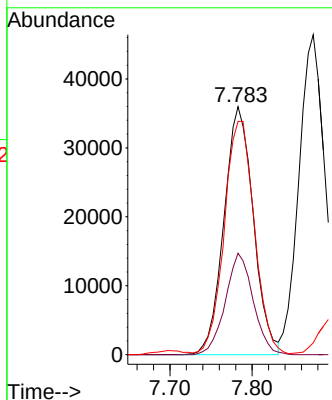
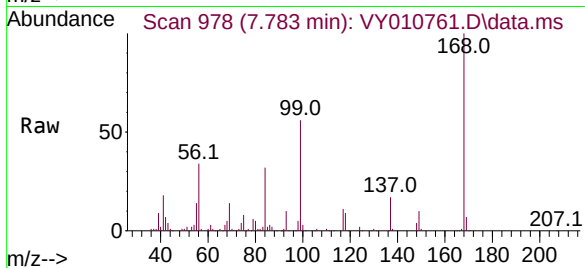




#31
Cyclohexane
Concen: 19.366 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

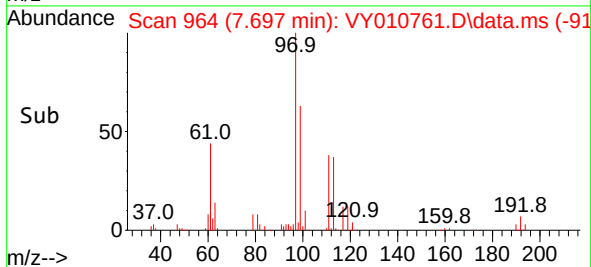
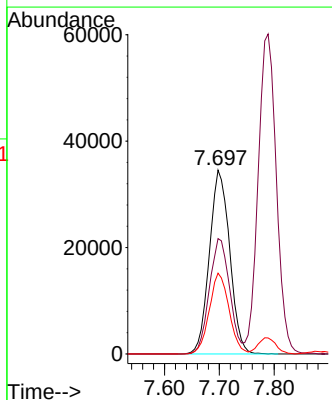
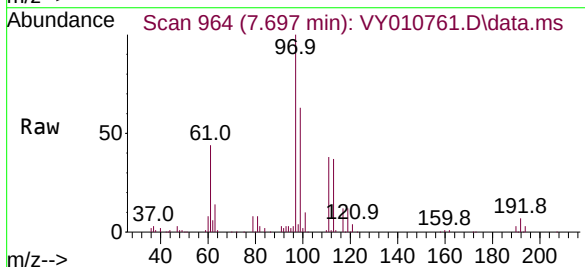
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

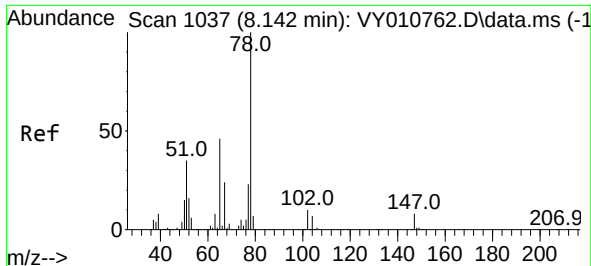
Tgt Ion: 56 Resp: 89505
Ion Ratio Lower Upper
56 100
69 40.9 26.7 40.1#
84 92.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.831 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 97 Resp: 88768
Ion Ratio Lower Upper
97 100
99 62.6 50.7 76.1
61 42.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 18.910 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

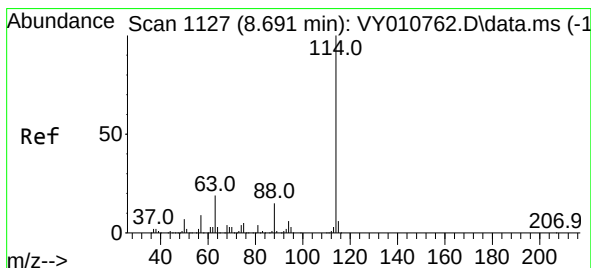
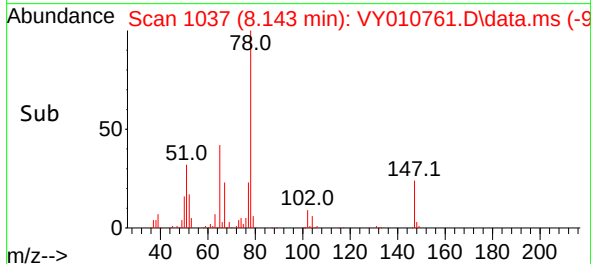
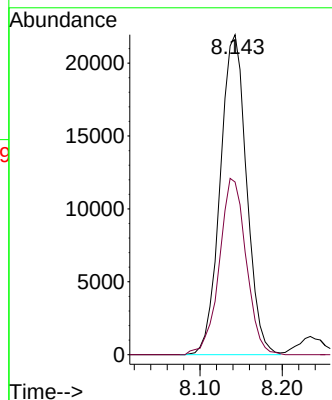
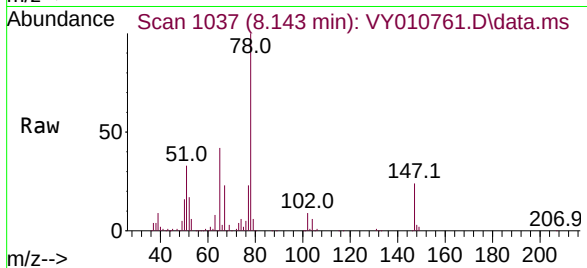
VSTDICC020

Tgt Ion: 65 Resp: 48827

Ion Ratio Lower Upper

65 100

67 56.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

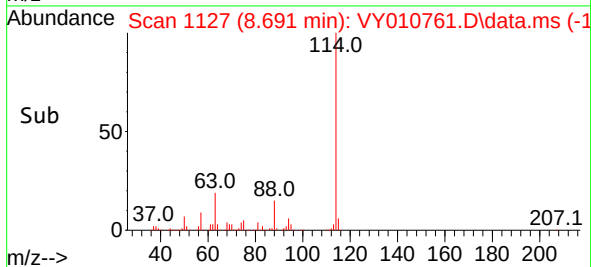
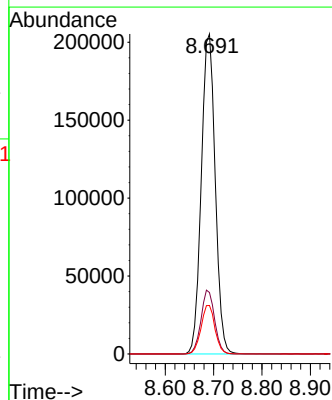
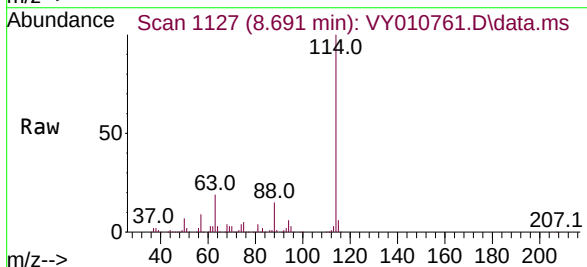
Tgt Ion: 114 Resp: 410347

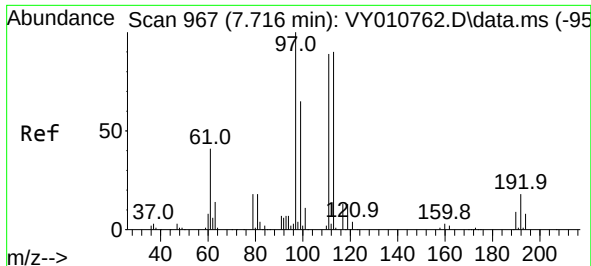
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.1 0.0 31.8

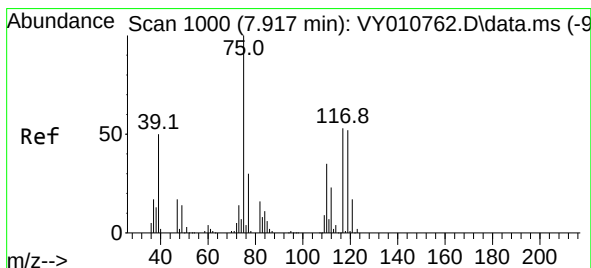
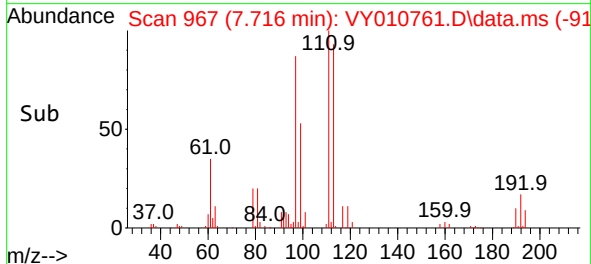
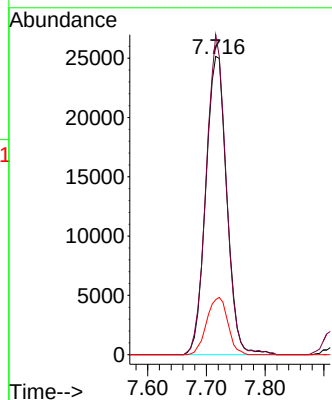
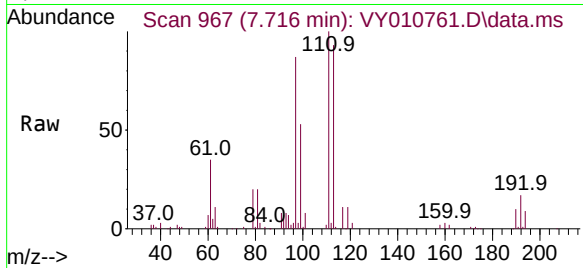




#35
Dibromofluoromethane
Concen: 22.960 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

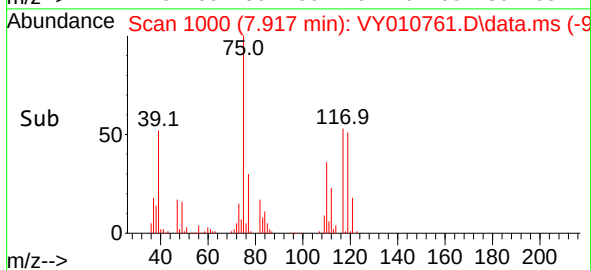
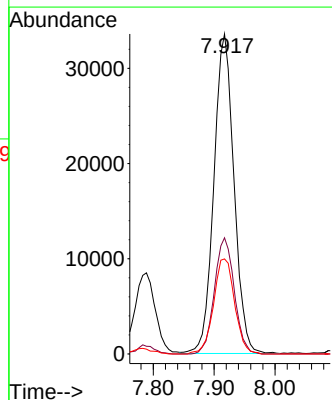
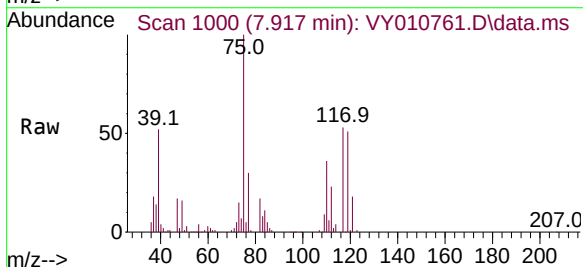
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

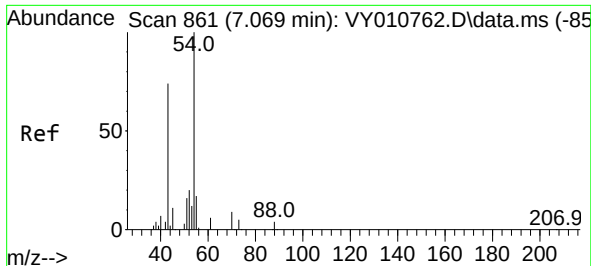
Tgt Ion:113 Resp: 62541
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.549 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 75 Resp: 76872
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 21.490 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

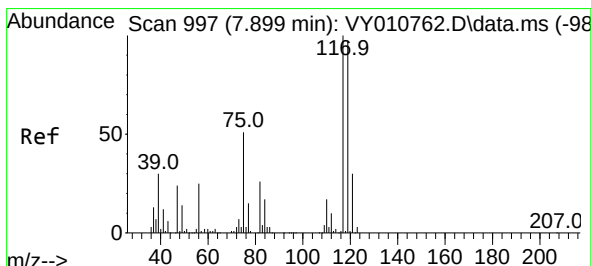
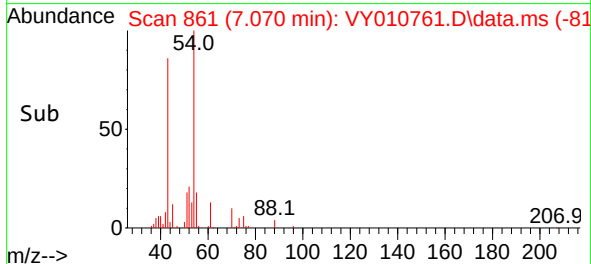
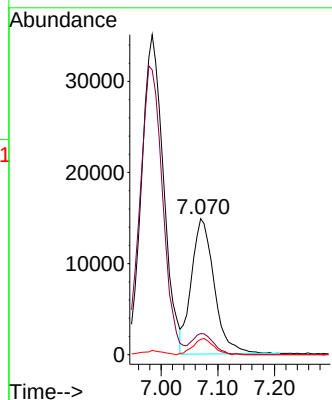
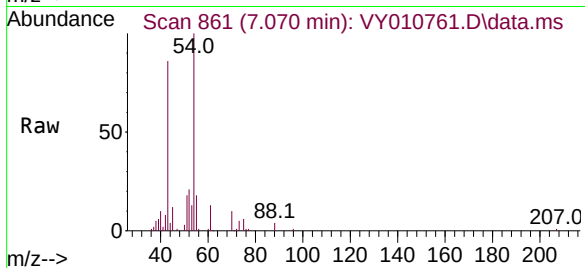
Tgt Ion: 43 Resp: 41468

Ion Ratio Lower Upper

43 100

61 14.7 9.7 14.5#

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.501 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

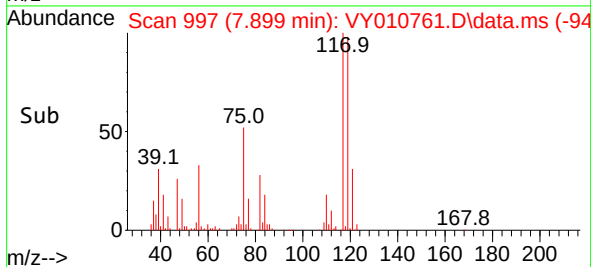
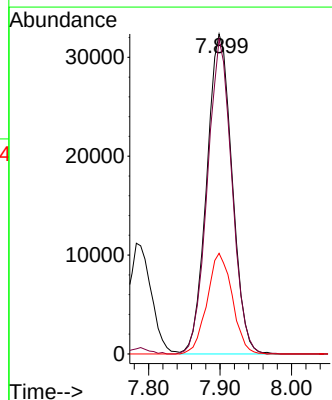
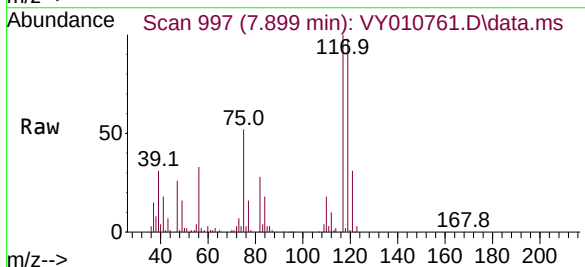
Tgt Ion: 117 Resp: 79870

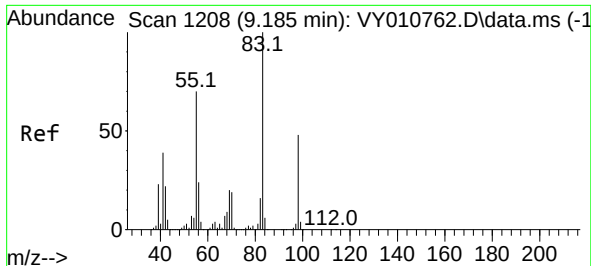
Ion Ratio Lower Upper

117 100

119 98.4 77.9 116.9

121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 19.647 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

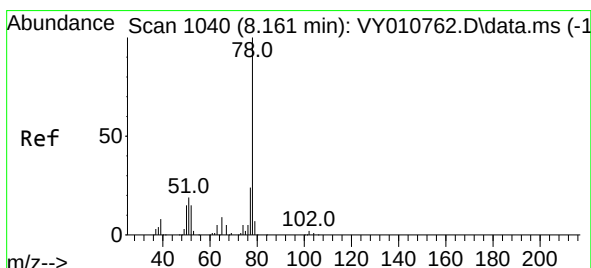
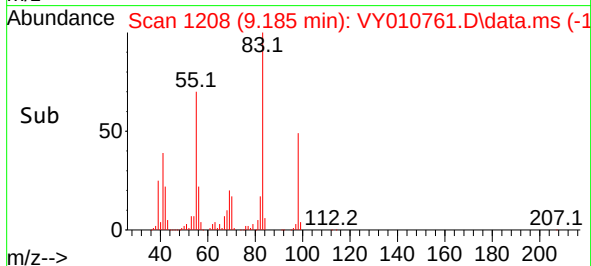
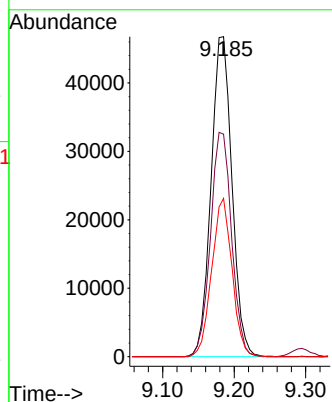
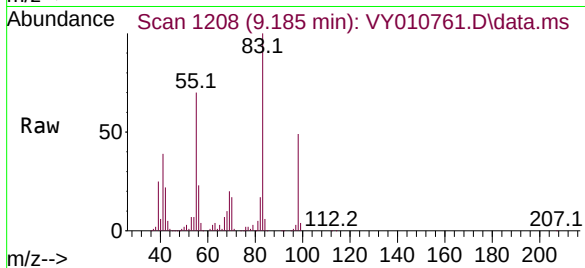
Tgt Ion: 83 Resp: 94898

Ion Ratio Lower Upper

83 100

55 69.5 66.5 99.7

98 49.4 37.9 56.9



#40

Benzene

Concen: 19.700 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY010761.D

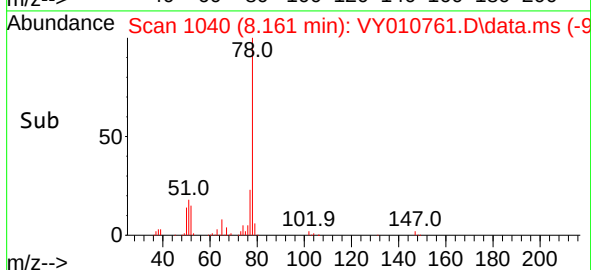
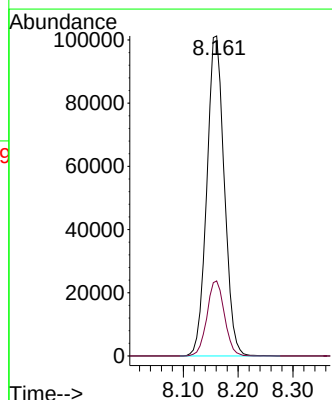
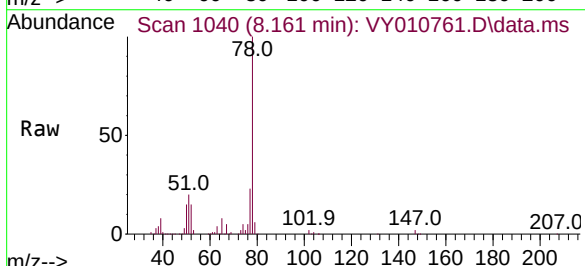
Acq: 03 Oct 2022 12:33

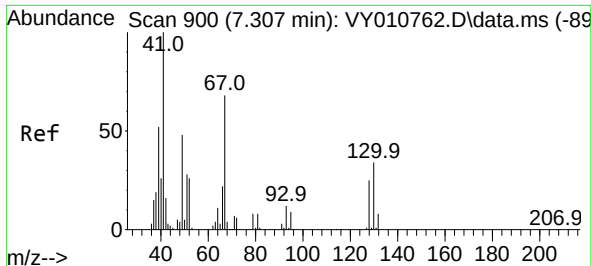
Tgt Ion: 78 Resp: 223145

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

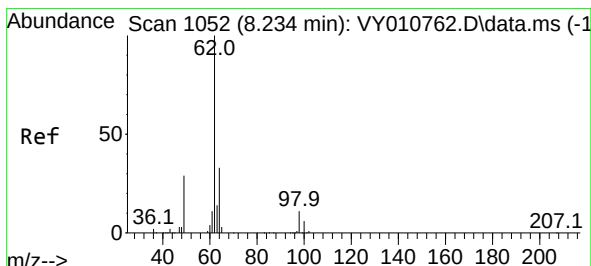
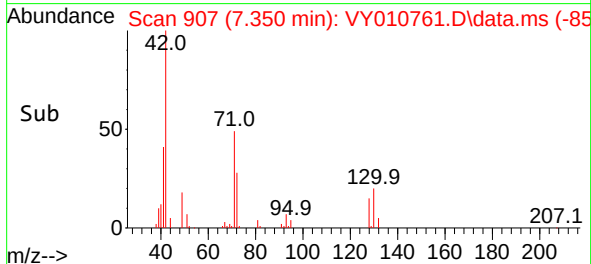
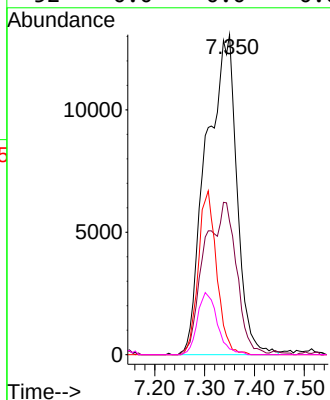
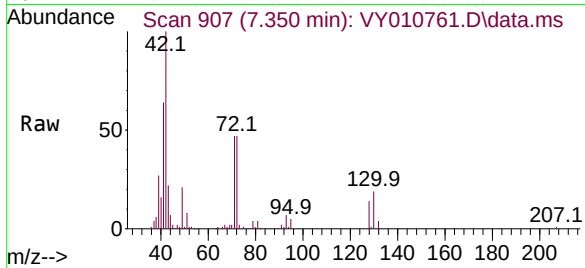




#41
Methacrylonitrile
Concen: 56.670 ug/l
RT: 7.350 min Scan# 900
Delta R.T. 0.043 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

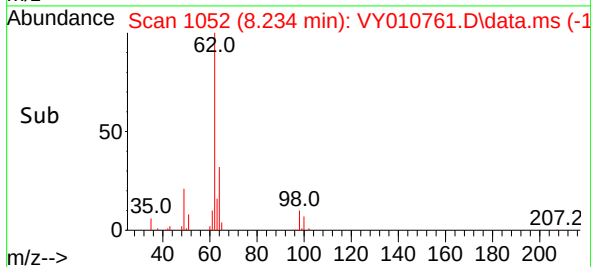
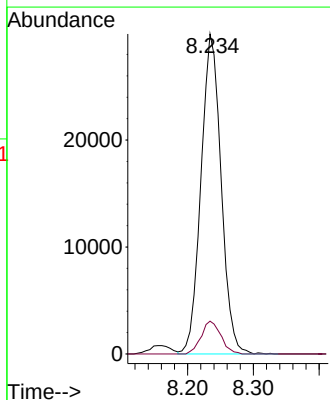
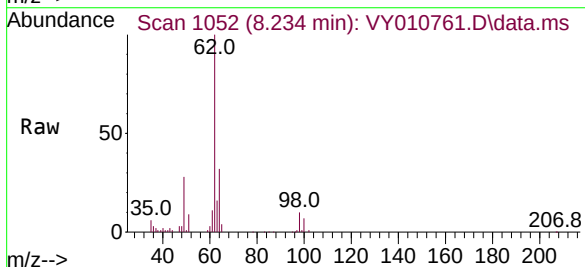
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

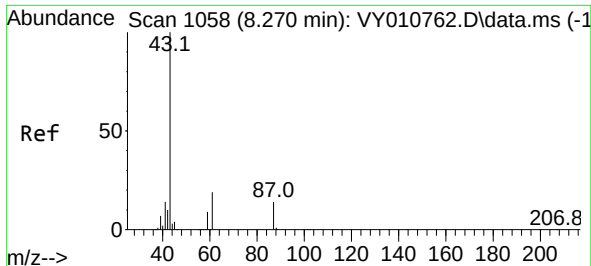
Tgt Ion: 41 Resp: 55699
Ion Ratio Lower Upper
41 100
39 26.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.906 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 62 Resp: 63746
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8

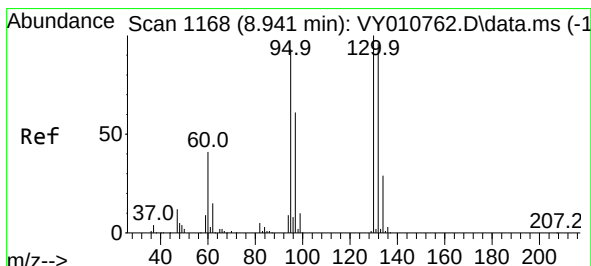
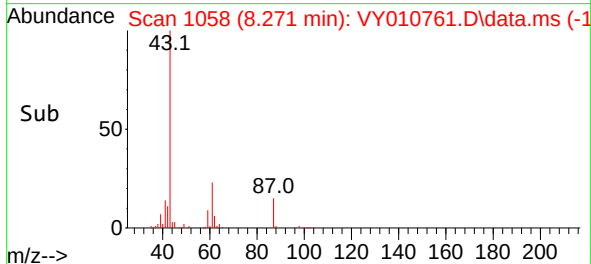
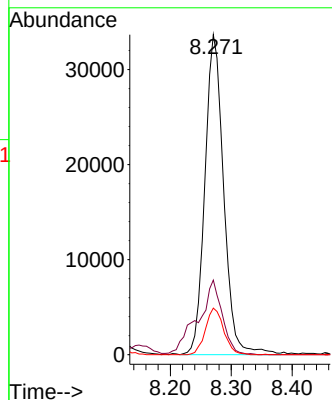
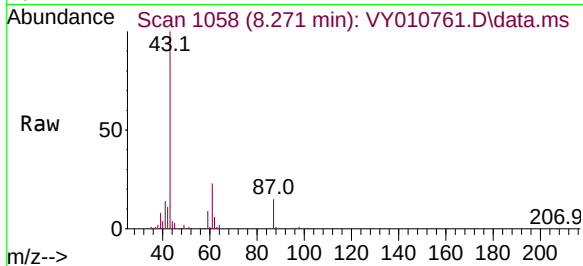




#43
Isopropyl Acetate
Concen: 20.693 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

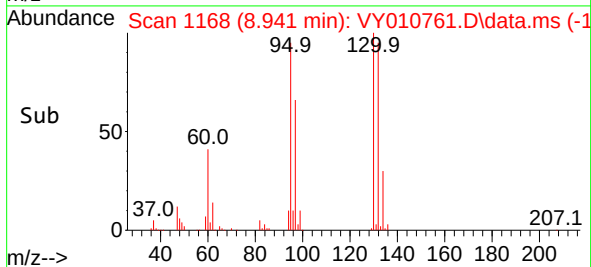
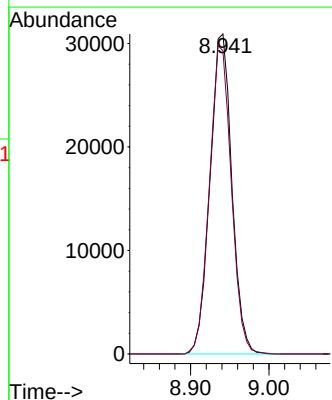
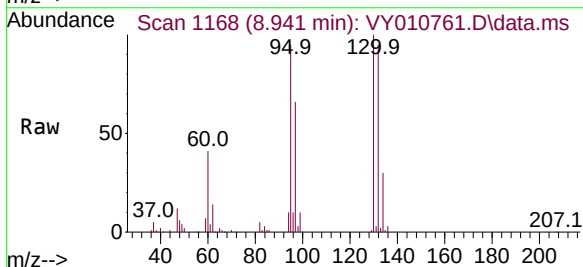
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

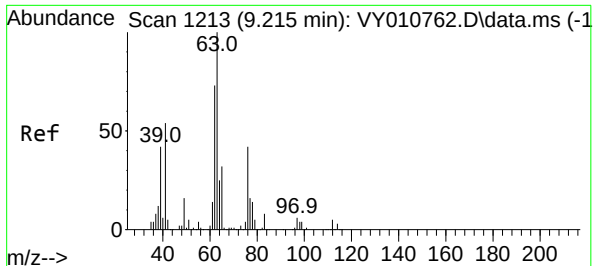
Tgt Ion: 43 Resp: 72269
Ion Ratio Lower Upper
43 100
61 30.3 20.2 30.2#
87 14.1 8.9 13.3#



#44
Trichloroethene
Concen: 19.507 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion:130 Resp: 59830
Ion Ratio Lower Upper
130 100
95 94.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.453 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

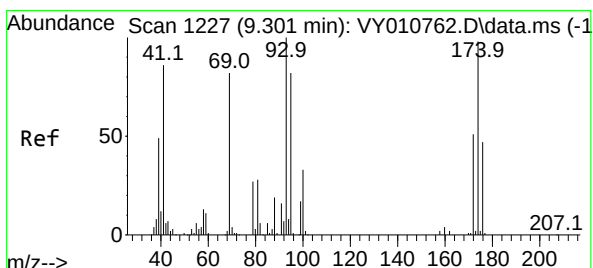
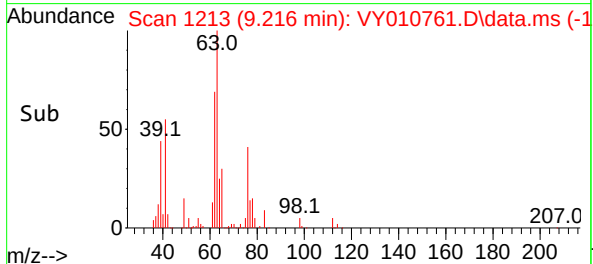
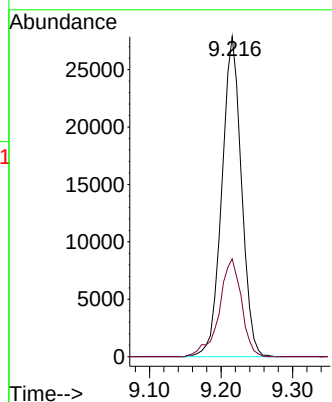
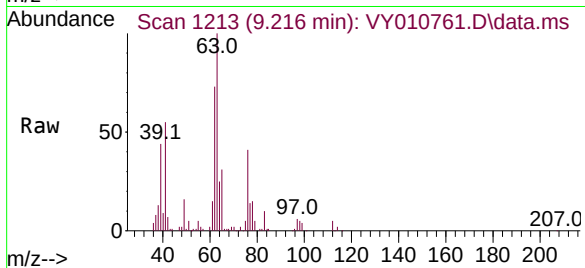
VSTDICC020

Tgt Ion: 63 Resp: 53122

Ion Ratio Lower Upper

63 100

65 30.5 23.0 34.6



#46

Dibromomethane

Concen: 19.932 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

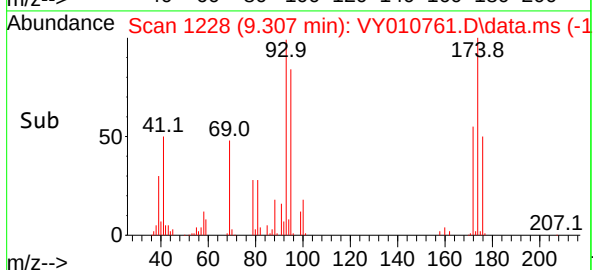
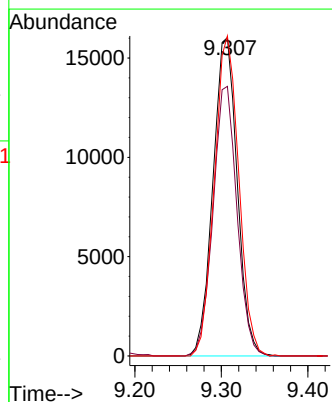
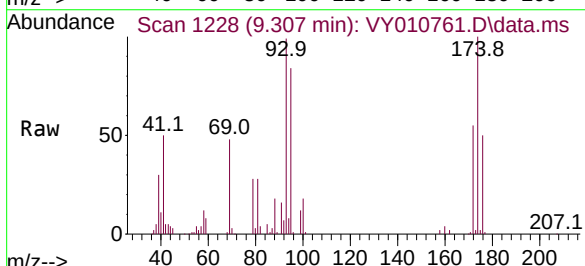
Tgt Ion: 93 Resp: 31133

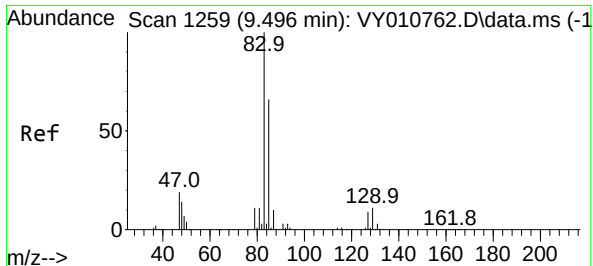
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

174 101.2 83.4 125.0

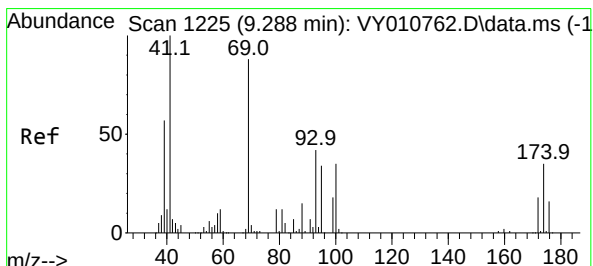
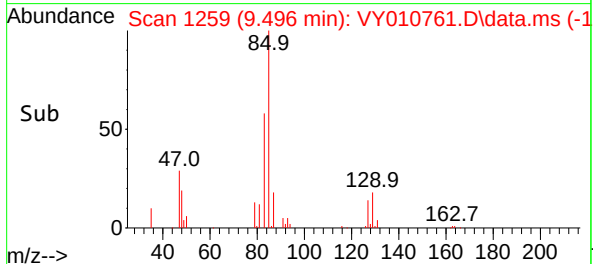
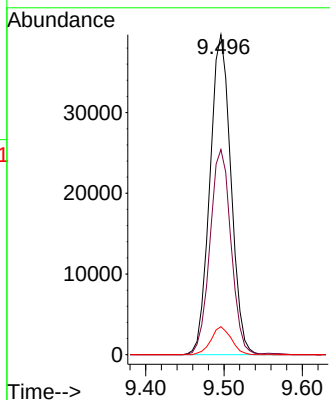
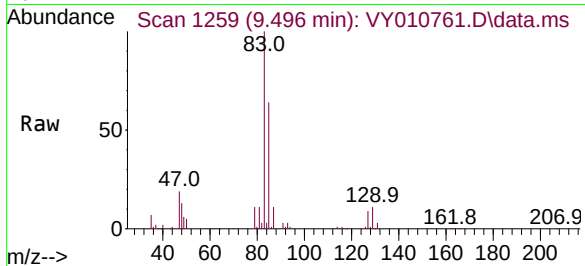




#47
Bromodichloromethane
Concen: 19.582 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

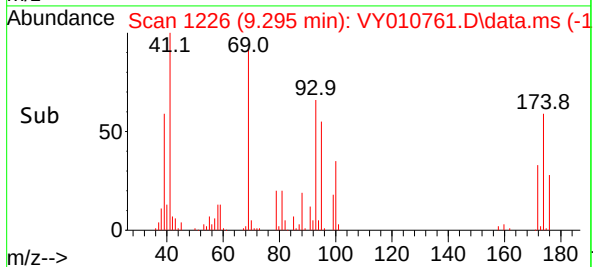
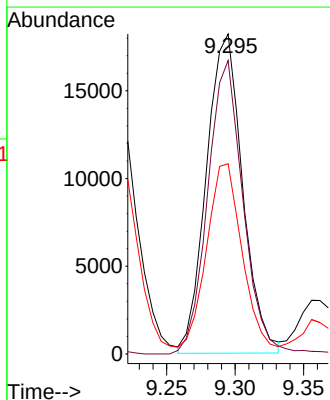
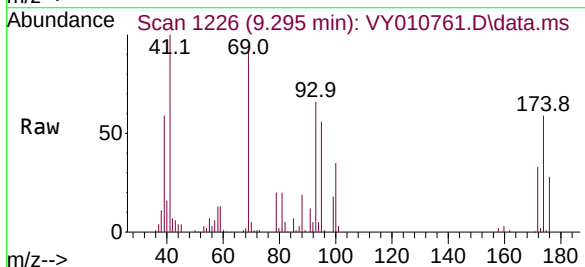
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

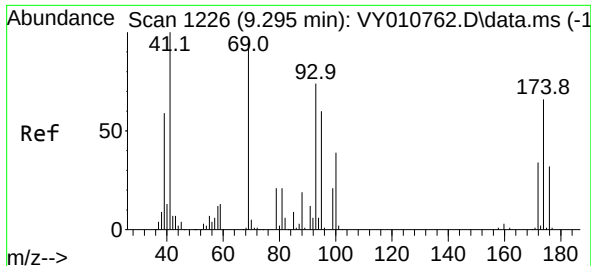
Tgt Ion: 83 Resp: 73812
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 20.408 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 41 Resp: 33477
Ion Ratio Lower Upper
41 100
69 90.3 58.2 87.2#
39 55.5 47.4 71.0





#49

1,4-Dioxane

Concen: 442.802 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

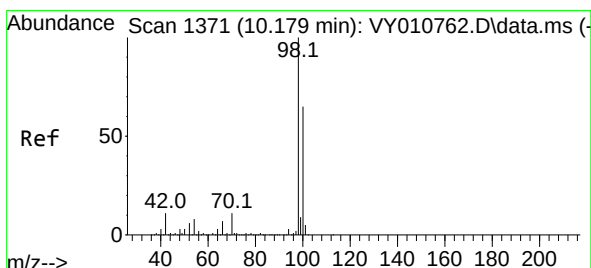
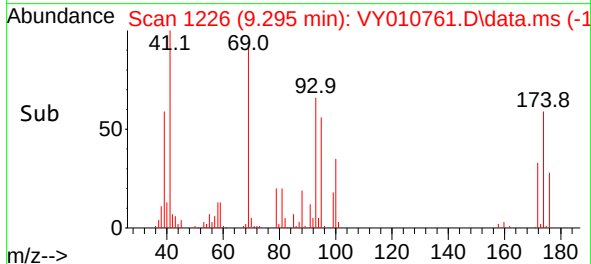
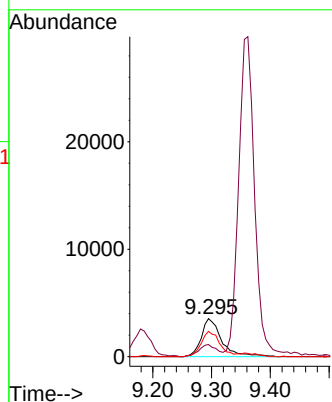
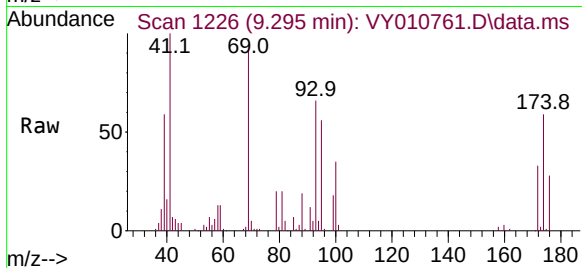
Tgt Ion: 88 Resp: 8514

Ion Ratio Lower Upper

88 100

43 28.2 32.8 49.2#

58 62.8 59.8 89.6



#50

Toluene-d8

Concen: 16.383 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY010761.D

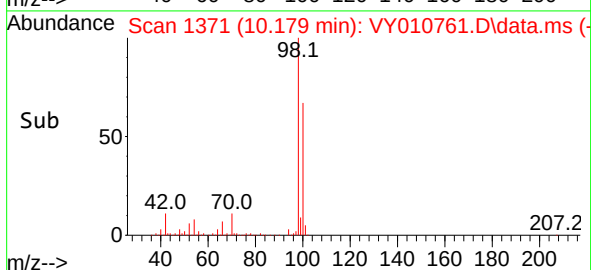
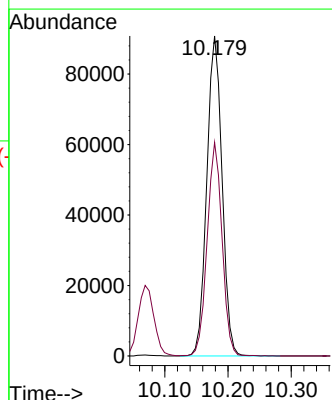
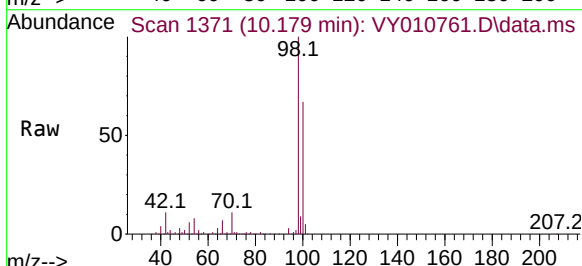
Acq: 03 Oct 2022 12:33

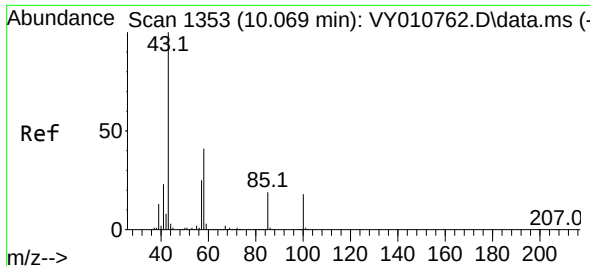
Tgt Ion: 98 Resp: 152614

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 105.403 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

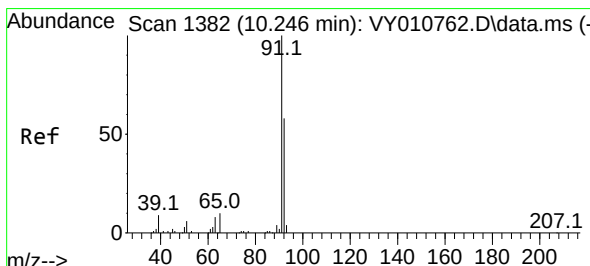
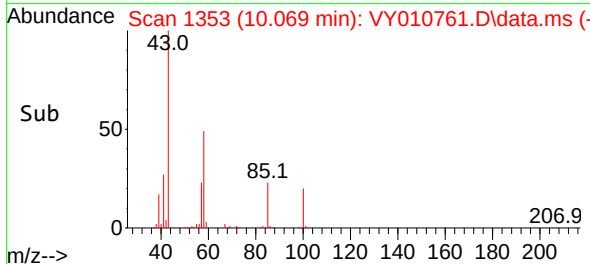
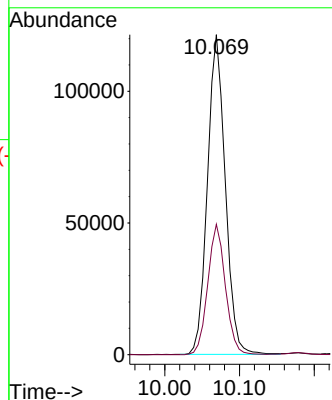
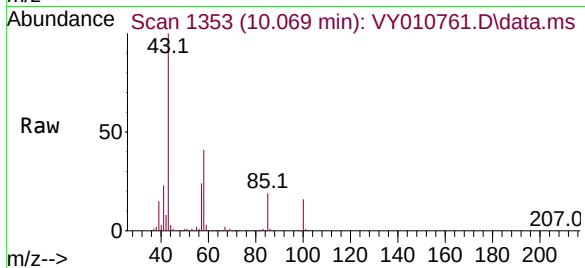
VSTDIC020

Tgt Ion: 43 Resp: 201399

Ion Ratio Lower Upper

43 100

58 40.3 28.1 42.1



#52

Toluene

Concen: 19.396 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY010761.D

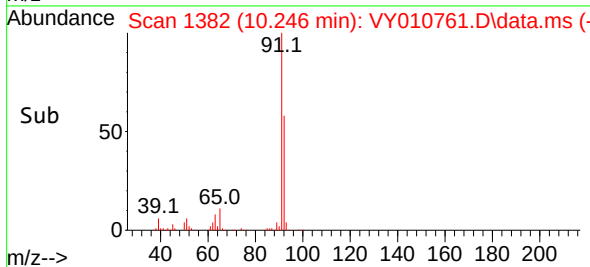
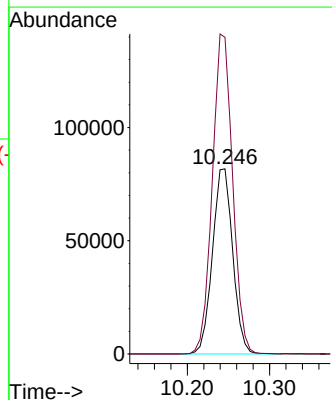
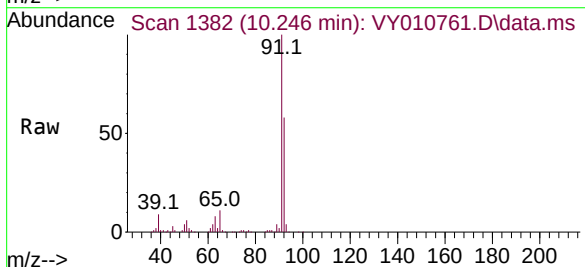
Acq: 03 Oct 2022 12:33

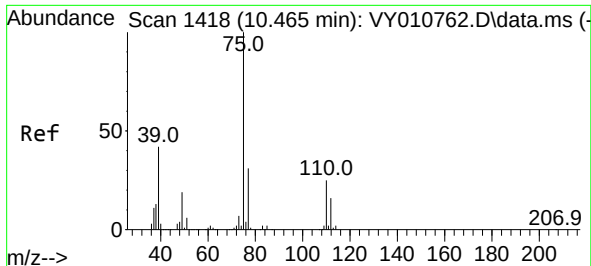
Tgt Ion: 92 Resp: 139824

Ion Ratio Lower Upper

92 100

91 172.6 142.6 213.8

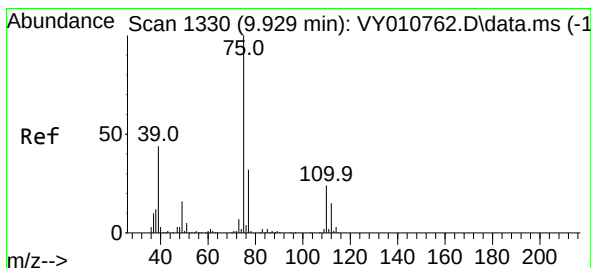
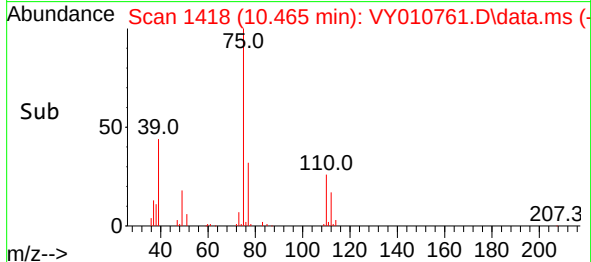
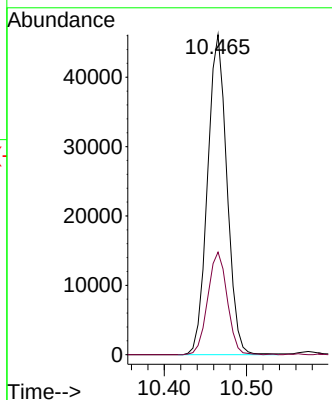
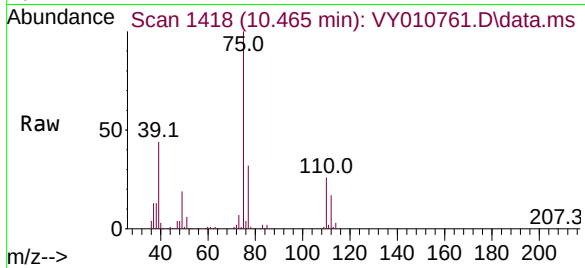




#53
 t-1,3-Dichloropropene
 Concen: 19.354 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

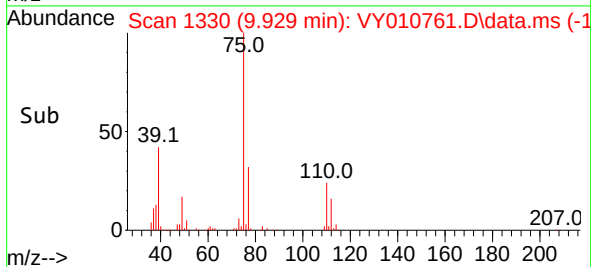
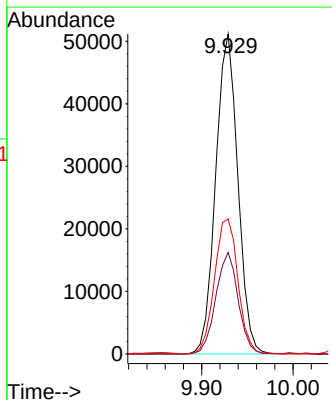
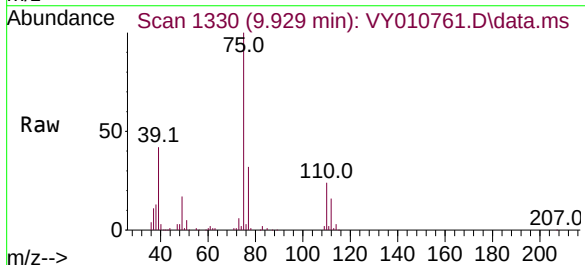
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

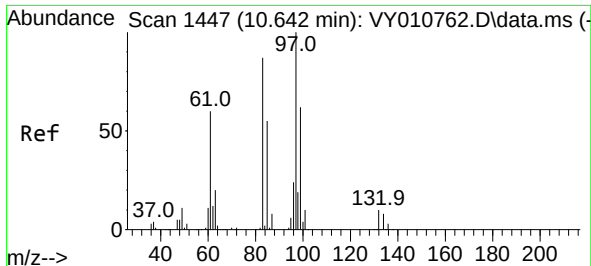
Tgt Ion: 75 Resp: 75530
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.278 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

Tgt Ion: 75 Resp: 86153
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4
 39 42.1 47.6 71.4#

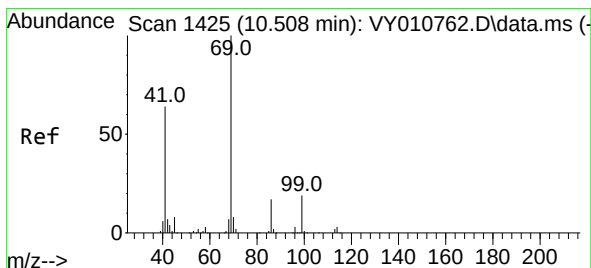
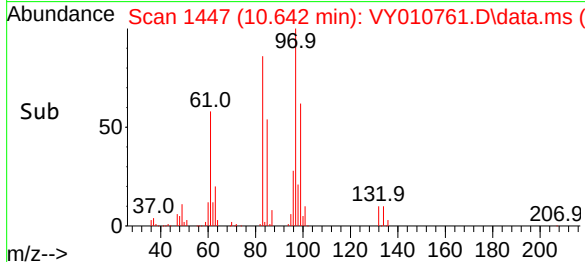
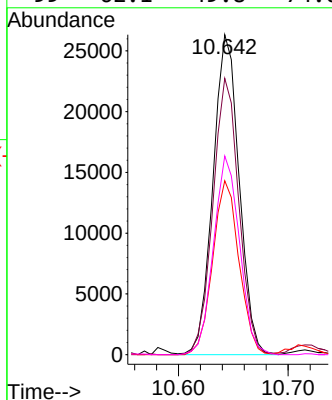
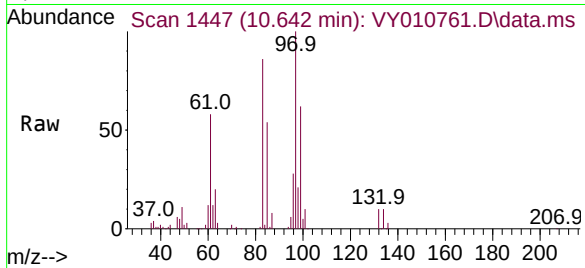




#55
1,1,2-Trichloroethane
Concen: 19.922 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

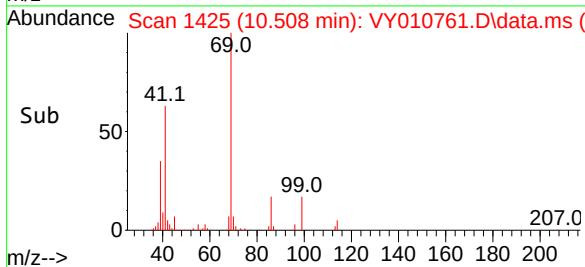
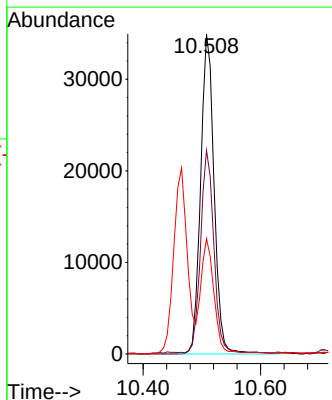
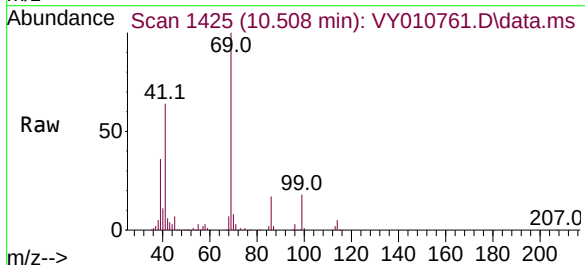
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

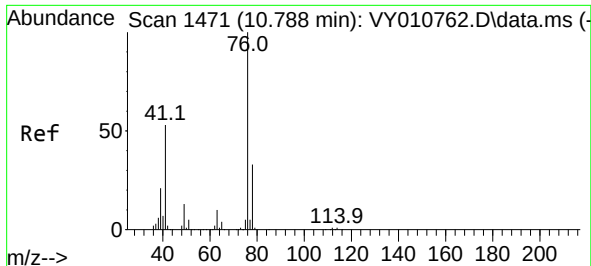
Tgt Ion:	97	Resp:	43662
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.8	104.8
85	54.4	44.3	66.5
99	62.1	49.8	74.6



#56
Ethyl methacrylate
Concen: 19.815 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion:	69	Resp:	55800
Ion	Ratio	Lower	Upper
69	100		
41	61.6	63.4	95.0#
39	33.5	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 19.859 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

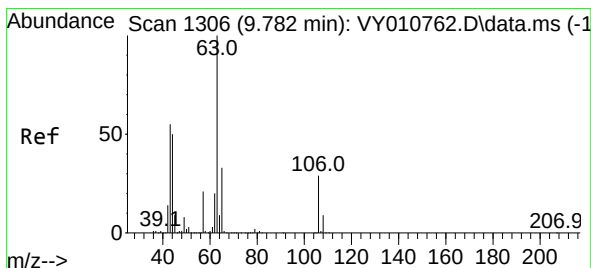
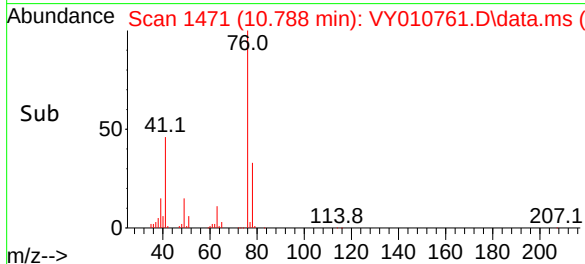
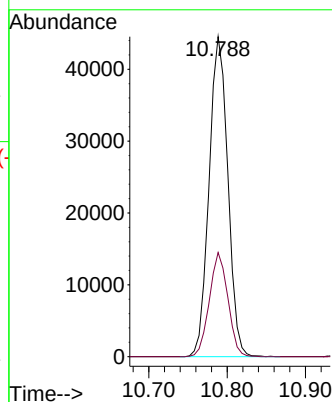
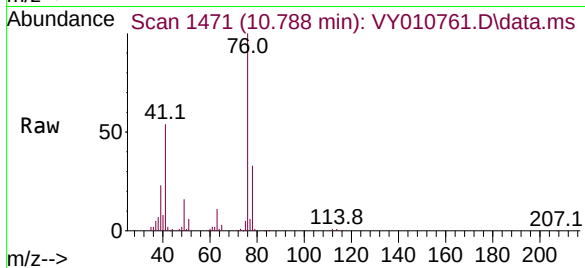
VSTDICC020

Tgt Ion: 76 Resp: 73999

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 79.866 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY010761.D

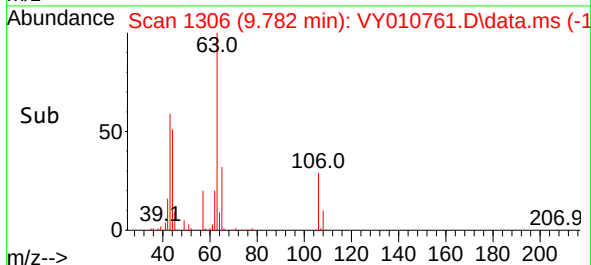
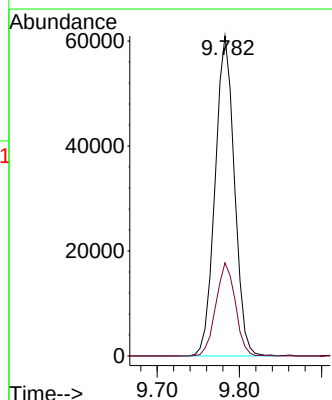
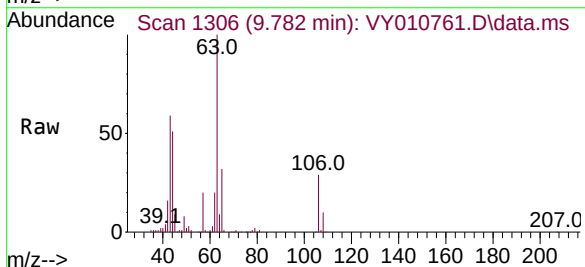
Acq: 03 Oct 2022 12:33

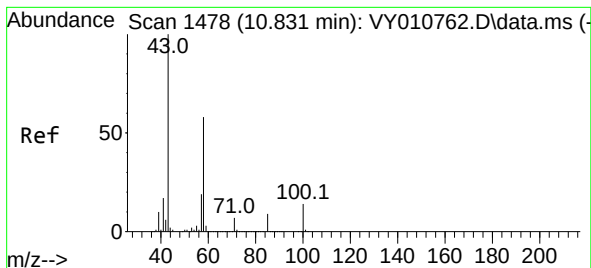
Tgt Ion: 63 Resp: 99483

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

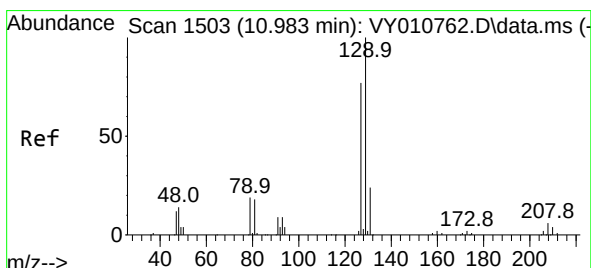
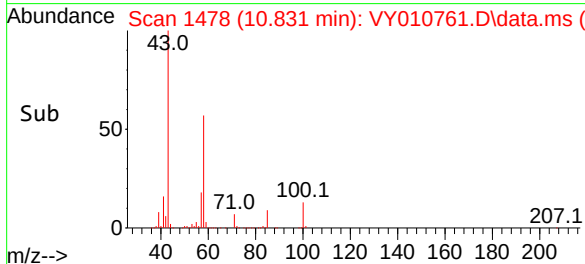
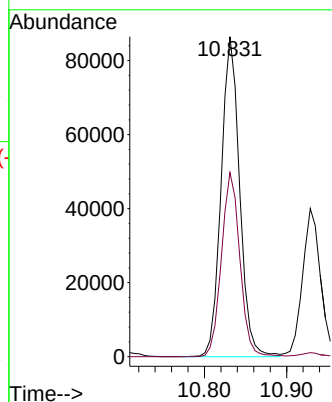
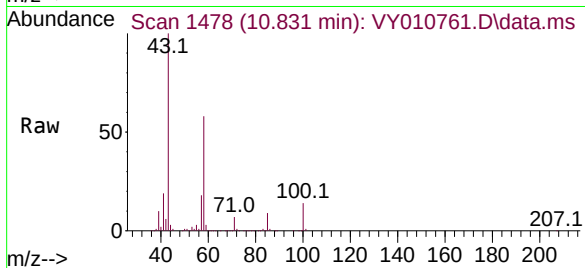




#59
2-Hexanone
Concen: 102.187 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

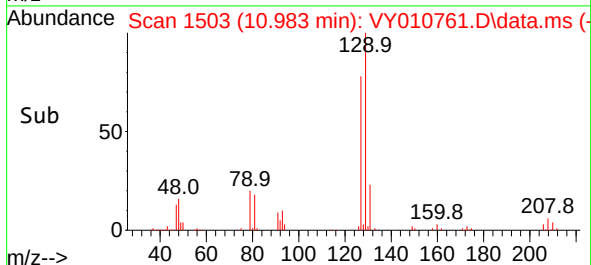
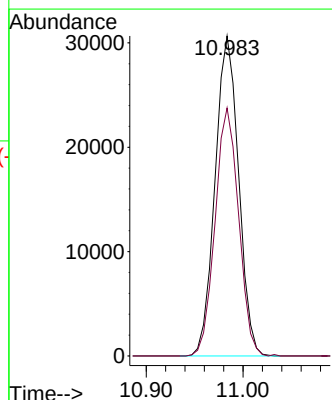
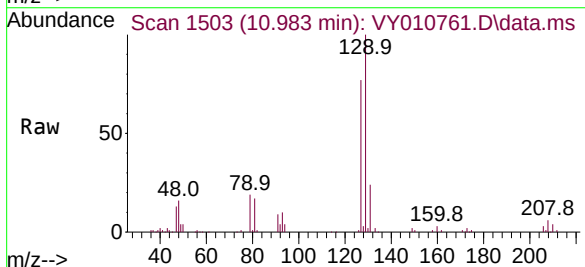
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

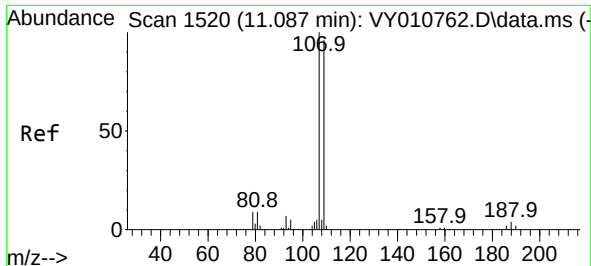
Tgt Ion: 43 Resp: 135231
Ion Ratio Lower Upper
43 100
58 57.2 24.4 73.4



#60
Dibromochloromethane
Concen: 19.710 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 129 Resp: 51793
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

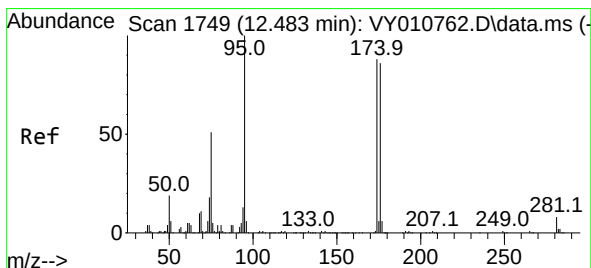
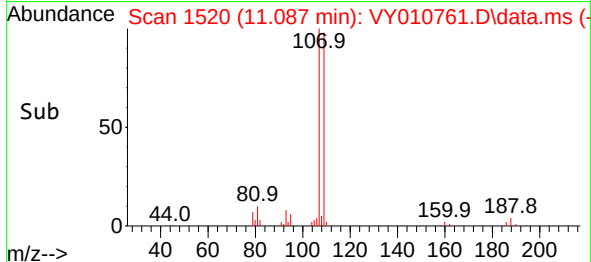
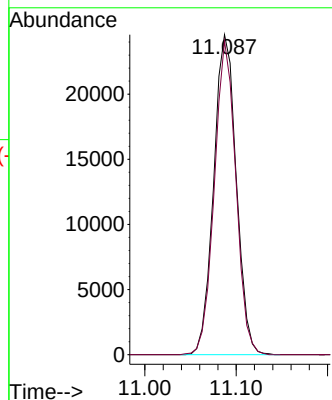
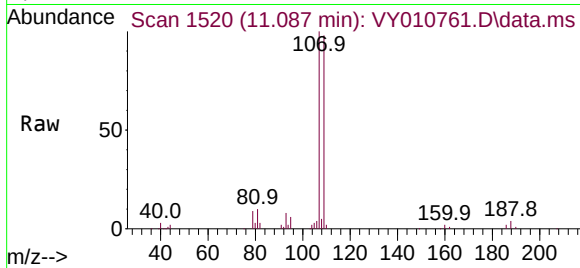




#61
1,2-Dibromoethane
Concen: 20.171 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

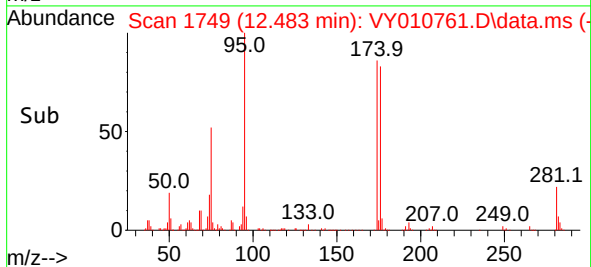
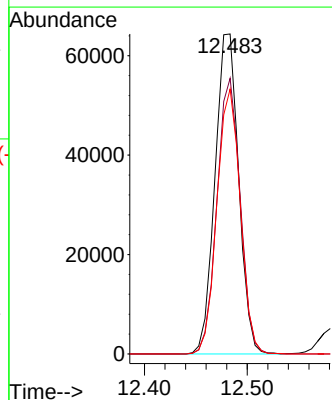
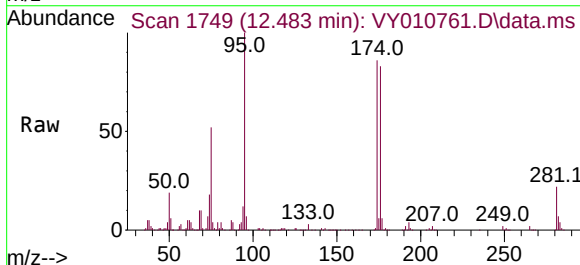
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

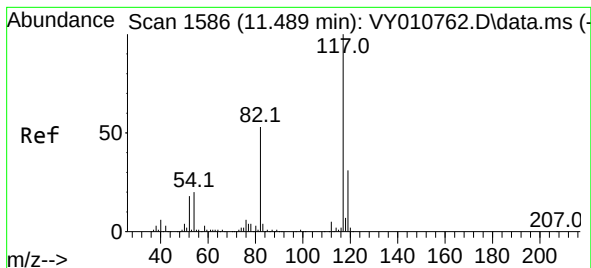
Tgt Ion:107 Resp: 42151
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 26.056 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 95 Resp: 102917
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 81.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

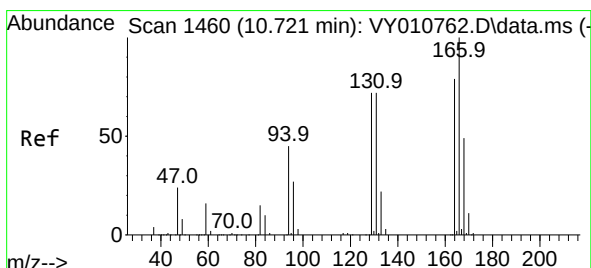
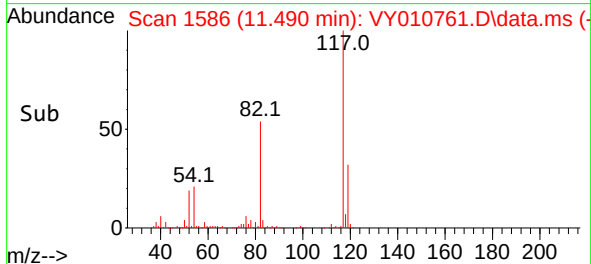
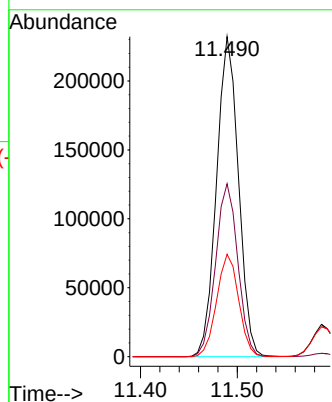
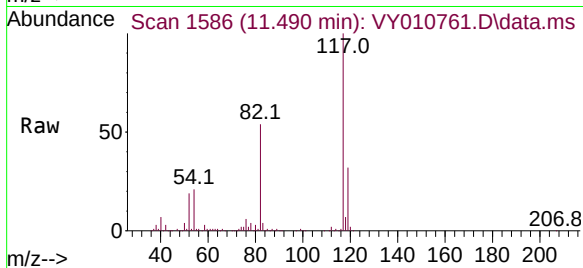
Tgt Ion:117 Resp: 365569

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 19.792 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Tgt Ion:164 Resp: 57367

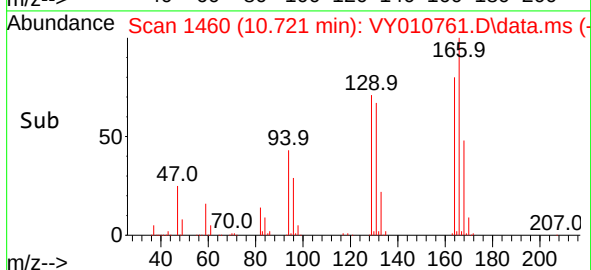
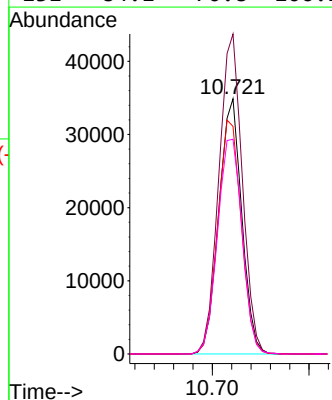
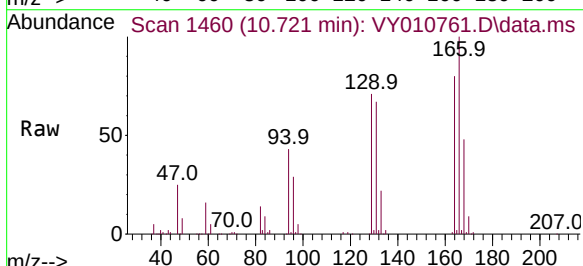
Ion Ratio Lower Upper

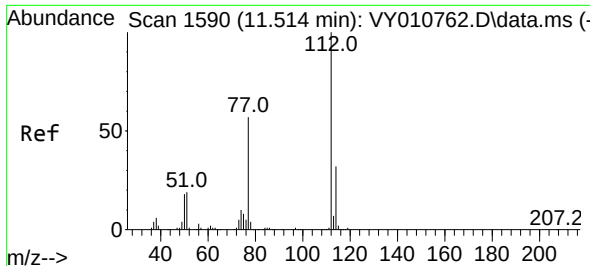
164 100

166 125.4 100.4 150.6

129 89.2 71.4 107.0

131 84.1 70.8 106.2

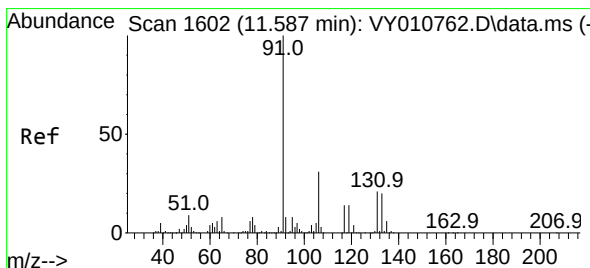
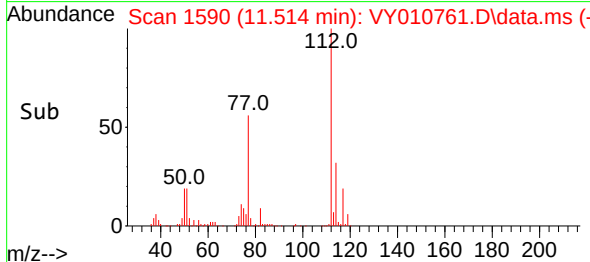
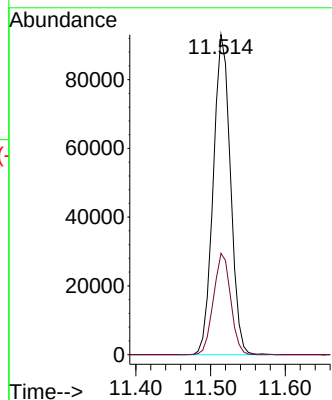
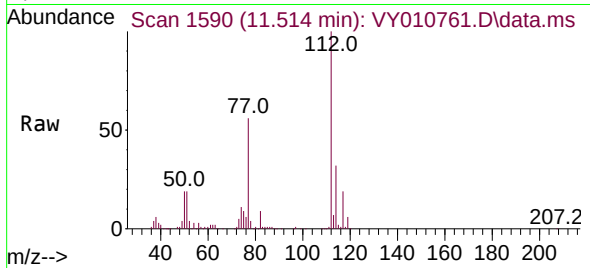




#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

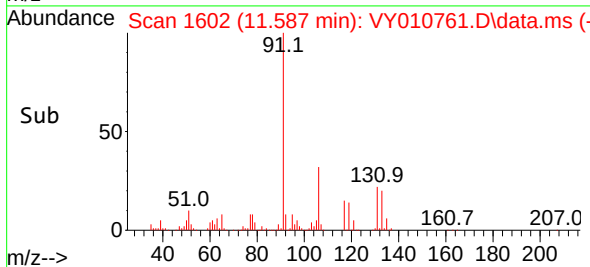
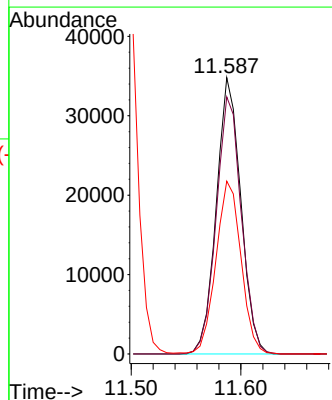
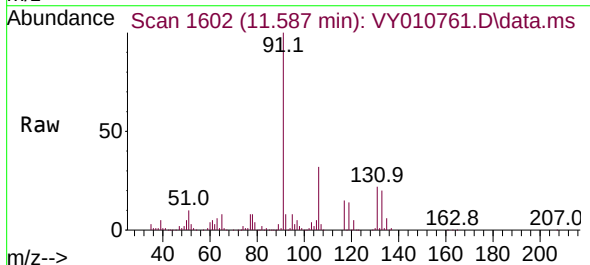
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

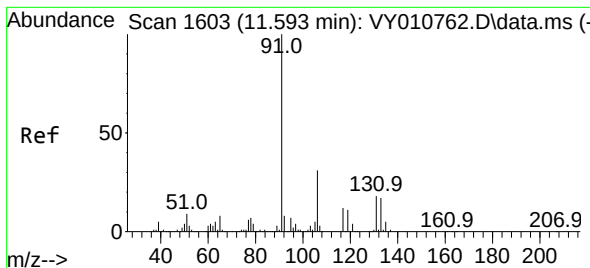
Tgt Ion:112 Resp: 149242
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.536 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion:131 Resp: 54059
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 64.4 30.8 92.3

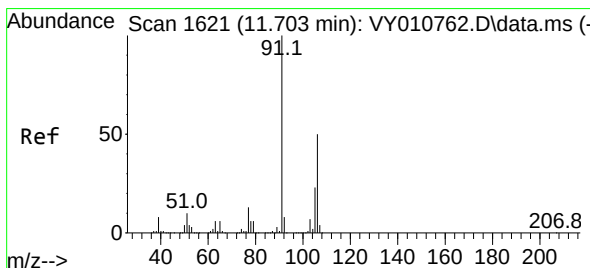
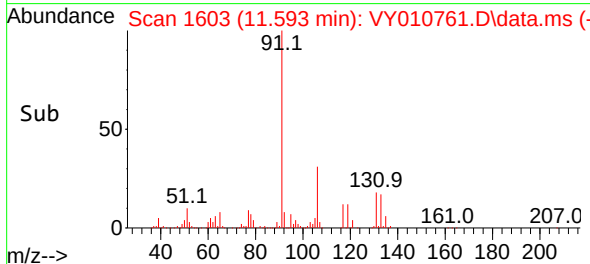
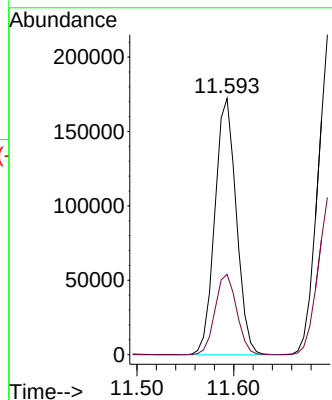
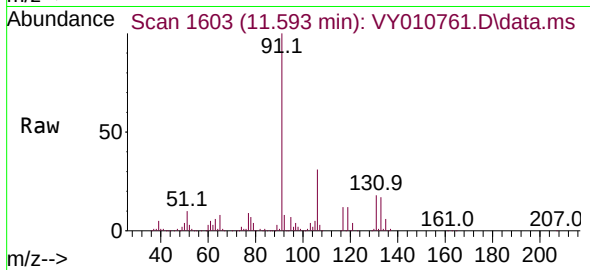




#67
Ethyl Benzene
Concen: 19.453 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

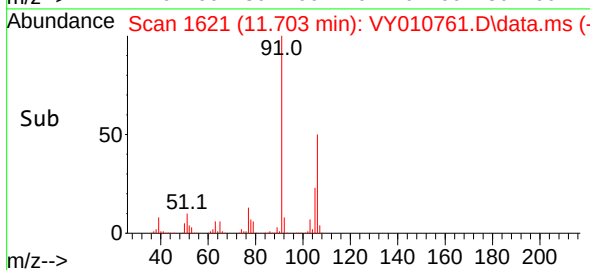
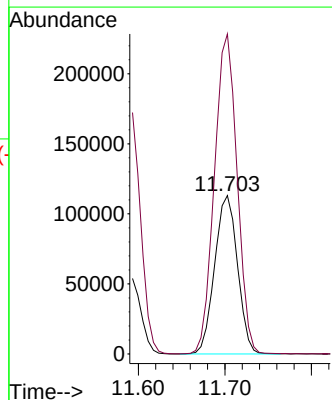
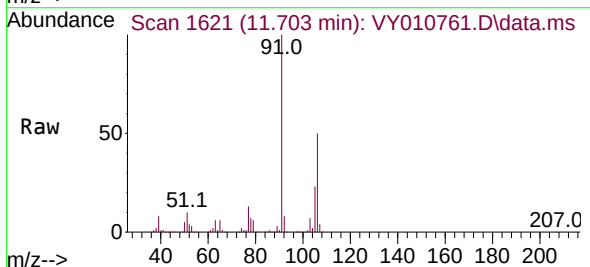
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

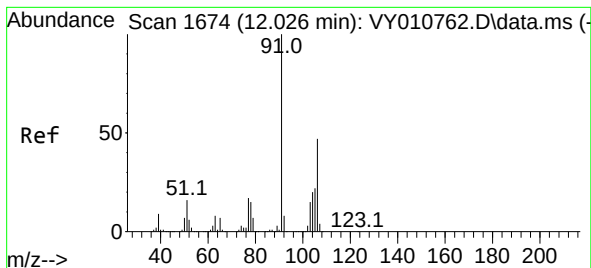
Tgt Ion: 91 Resp: 265039
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 38.892 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 106 Resp: 207372
Ion Ratio Lower Upper
106 100
91 200.5 166.6 249.8





#69

o-Xylene

Concen: 19.293 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

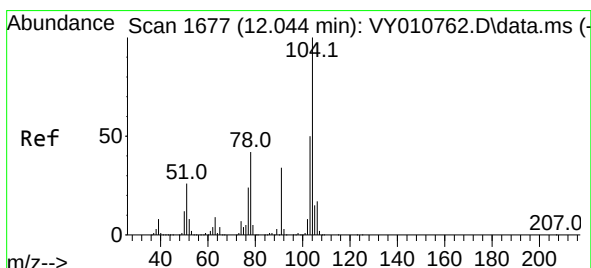
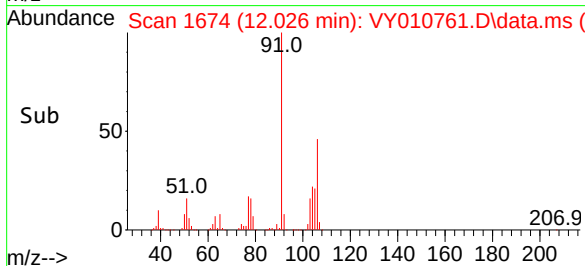
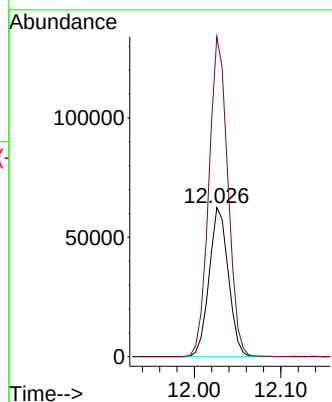
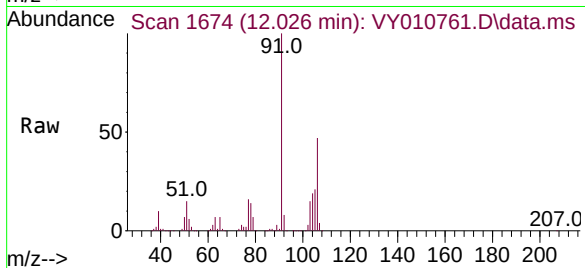
VSTDIC020

Tgt Ion:106 Resp: 96177

Ion Ratio Lower Upper

106 100

91 212.7 110.3 331.0



#70

Styrene

Concen: 19.463 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

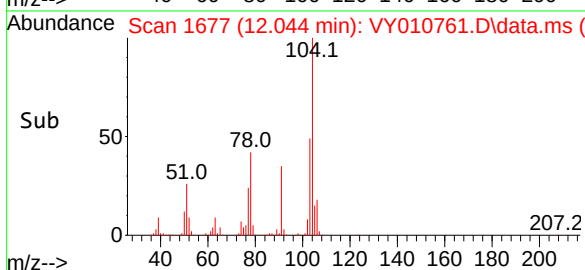
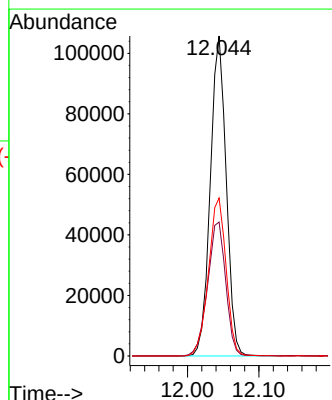
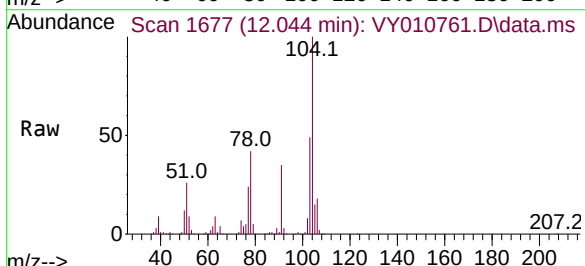
Tgt Ion:104 Resp: 163523

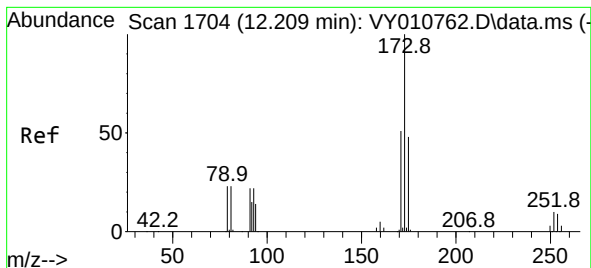
Ion Ratio Lower Upper

104 100

78 47.7 42.4 63.6

103 54.7 44.4 66.6





#71

Bromoform

Concen: 20.152 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

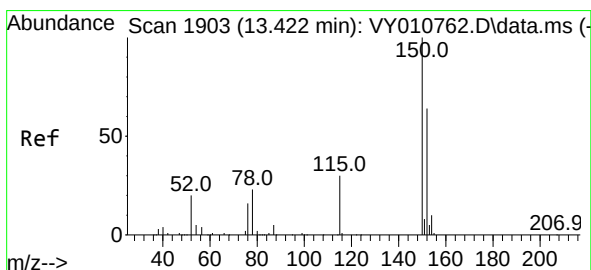
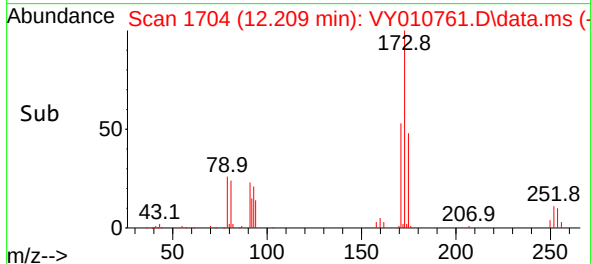
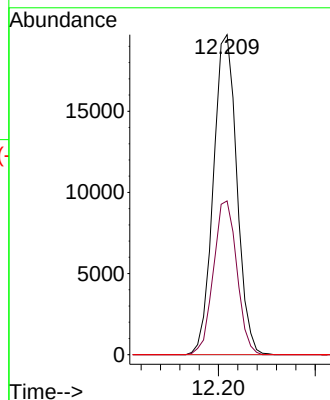
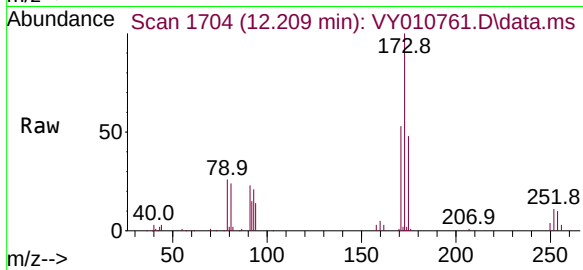
Tgt Ion:173 Resp: 33192

Ion Ratio Lower Upper

173 100

175 47.9 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. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

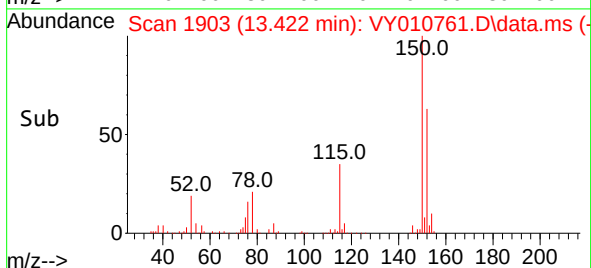
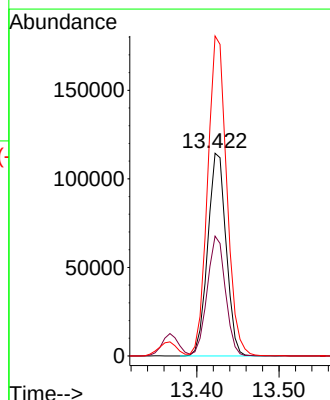
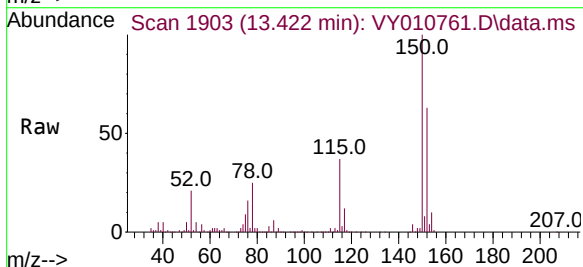
Tgt Ion:152 Resp: 177774

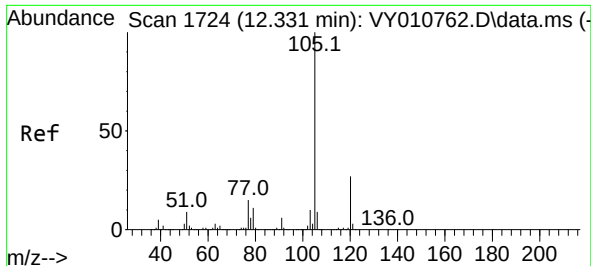
Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 163.8 0.0 347.6

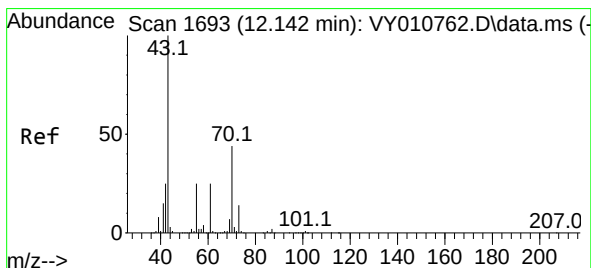
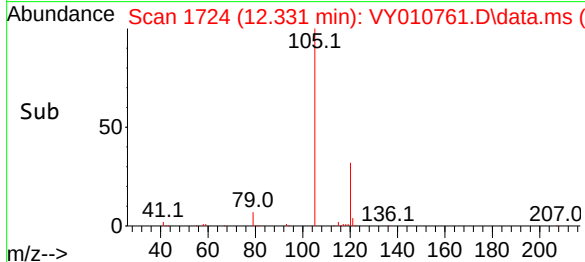
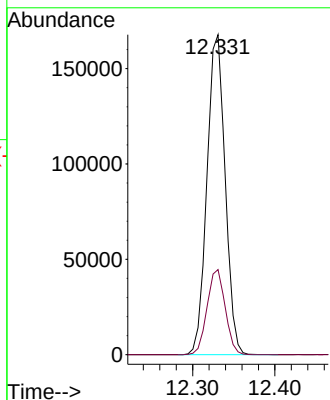
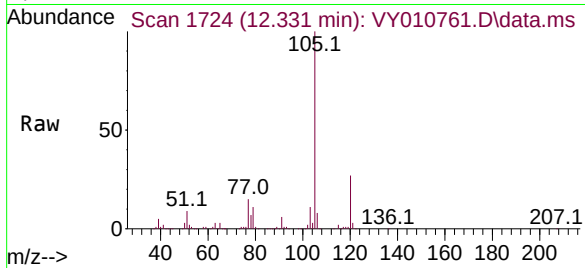




#73
Isopropylbenzene
Concen: 19.708 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

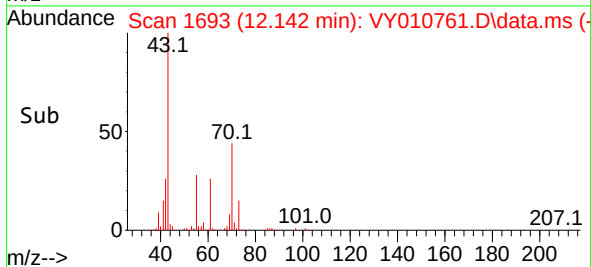
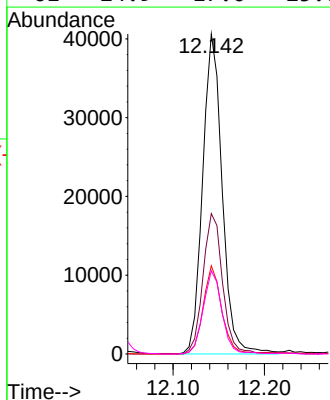
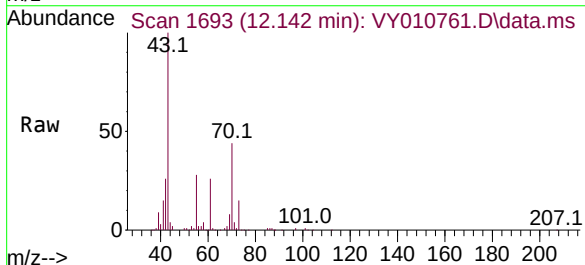
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

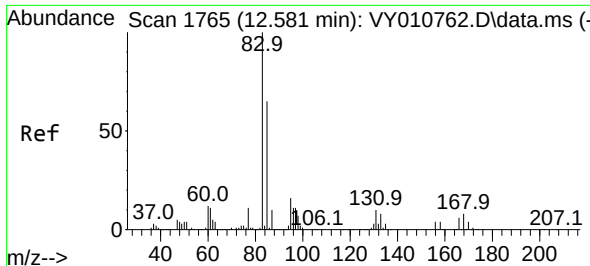
Tgt Ion:105 Resp: 257566
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 20.052 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 43 Resp: 60230
Ion Ratio Lower Upper
43 100
70 44.0 28.7 43.1#
55 26.9 17.3 25.9#
61 24.9 17.0 25.6

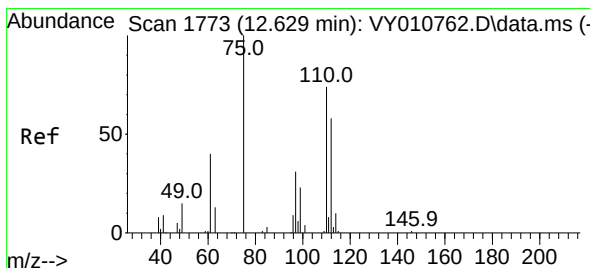
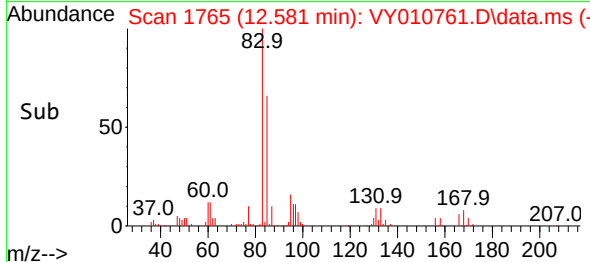
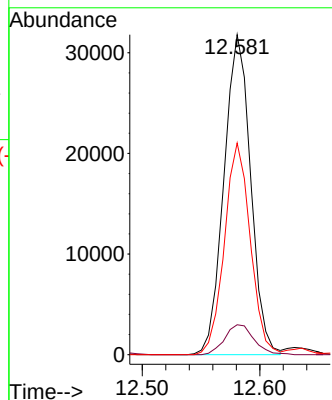
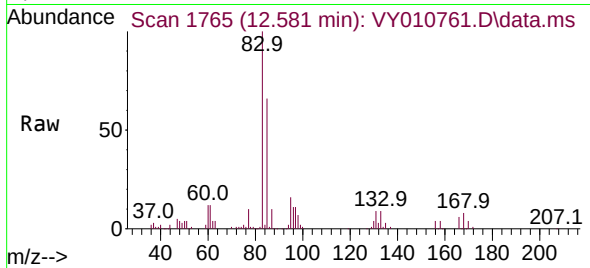




#75
1,1,2-Tetrachloroethane
Concen: 20.575 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

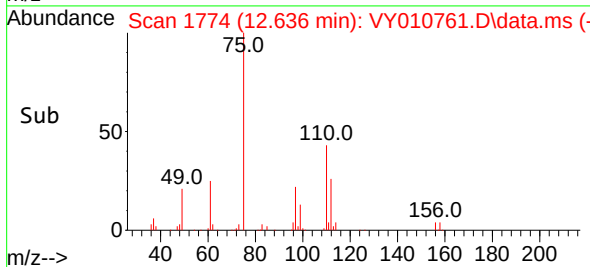
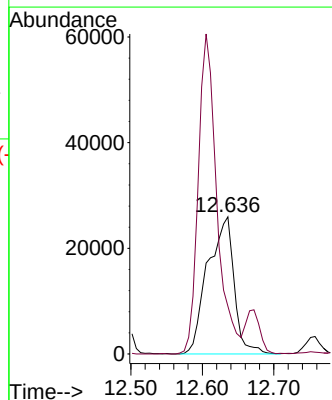
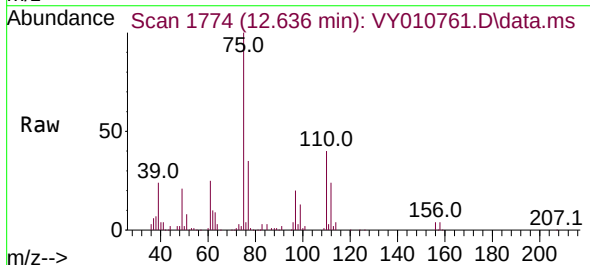
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

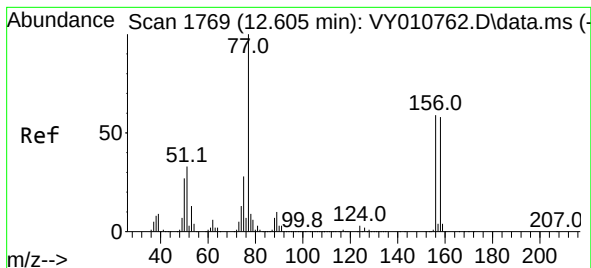
Tgt Ion: 83 Resp: 50238
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 64.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 37.326 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 75 Resp: 66683
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.631 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

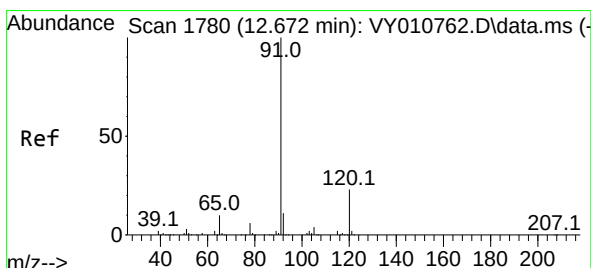
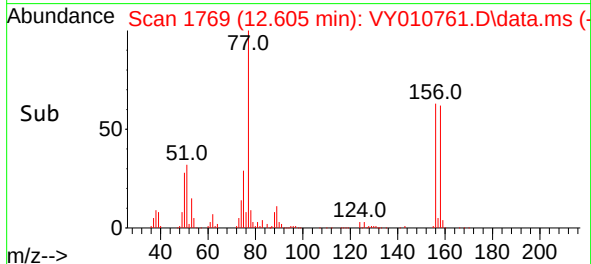
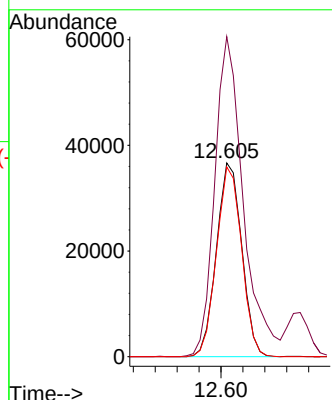
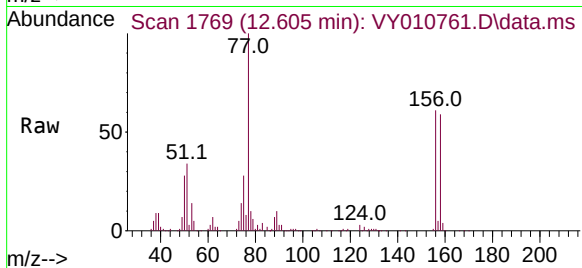
Tgt Ion:156 Resp: 58856

Ion Ratio Lower Upper

156 100

77 186.1 95.5 286.4

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 19.735 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY010761.D

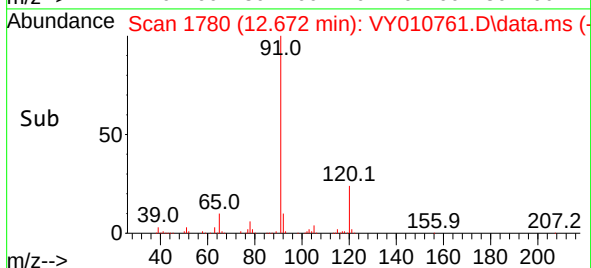
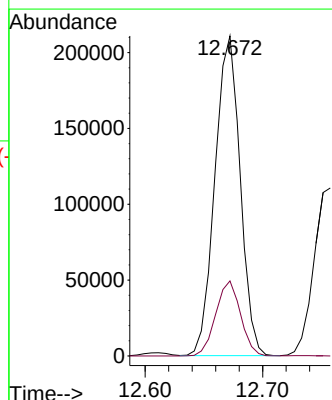
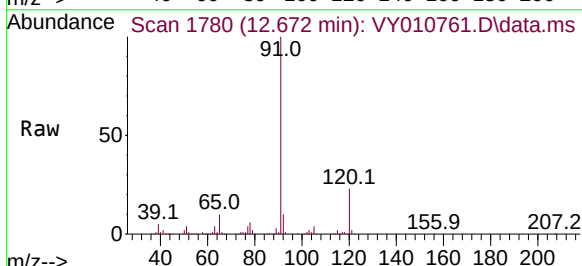
Acq: 03 Oct 2022 12:33

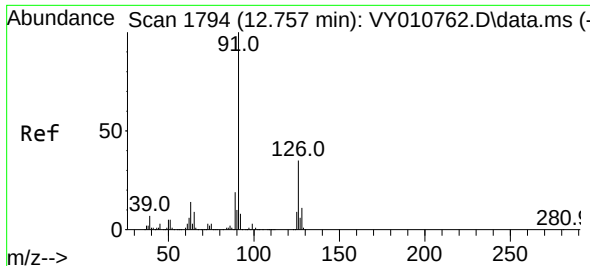
Tgt Ion: 91 Resp: 314102

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

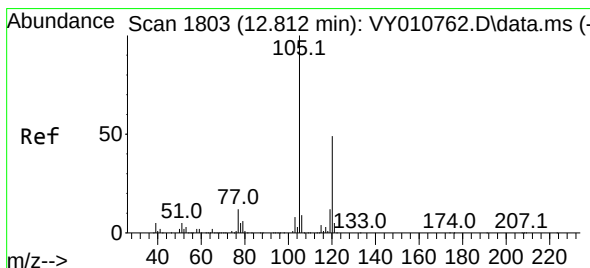
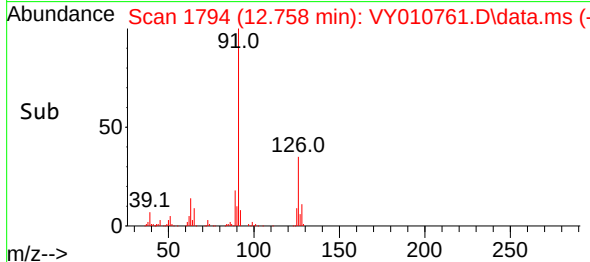
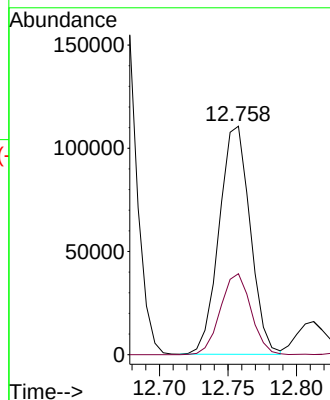
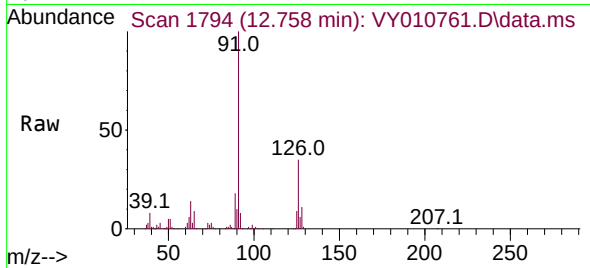




#79
2-Chlorotoluene
Concen: 19.579 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

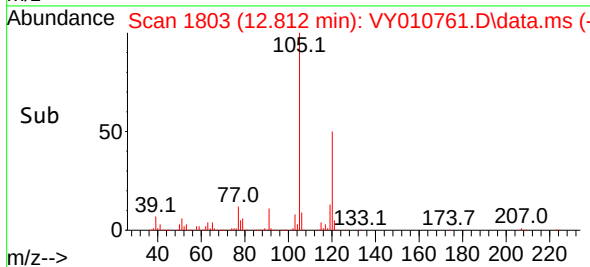
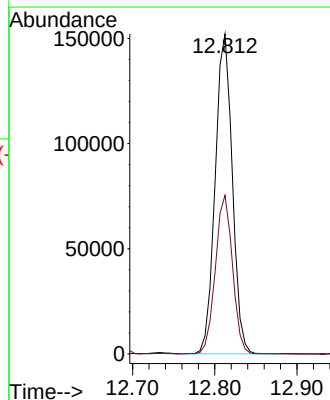
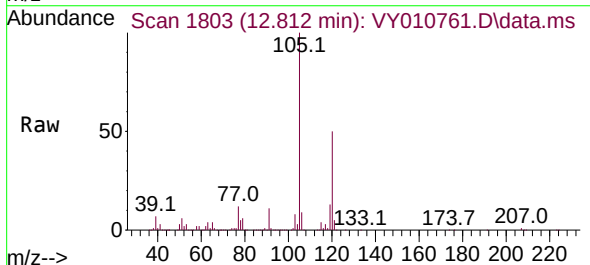
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

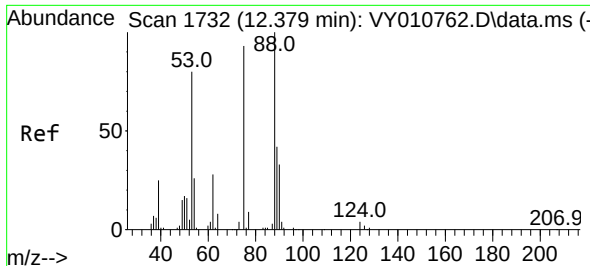
Tgt Ion: 91 Resp: 174349
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.883 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 105 Resp: 219782
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4

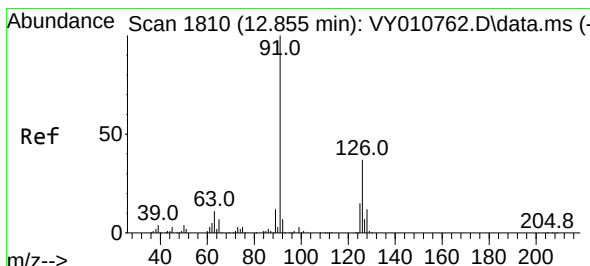
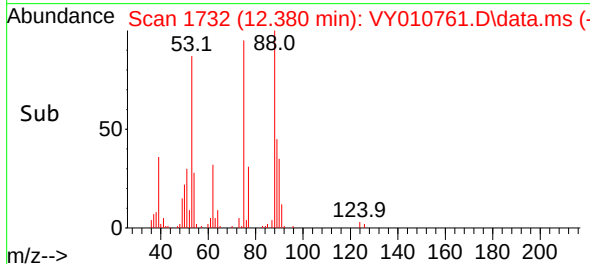
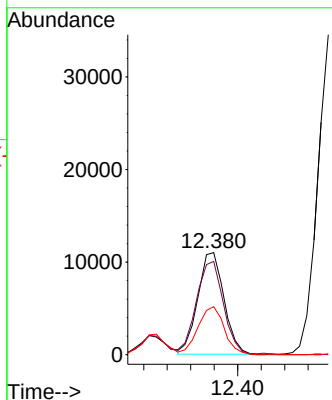
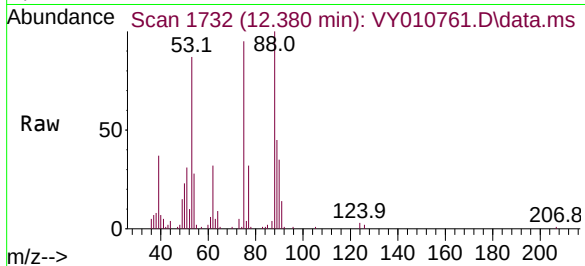




#81
trans-1,4-Dichloro-2-butene
Concen: 19.775 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

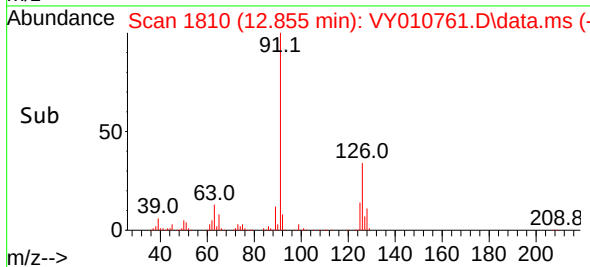
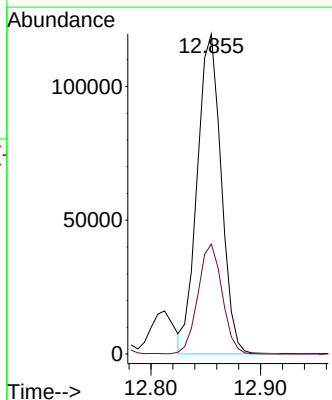
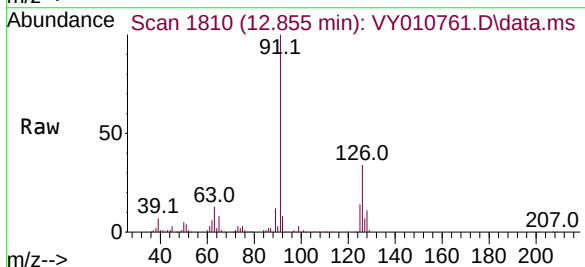
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

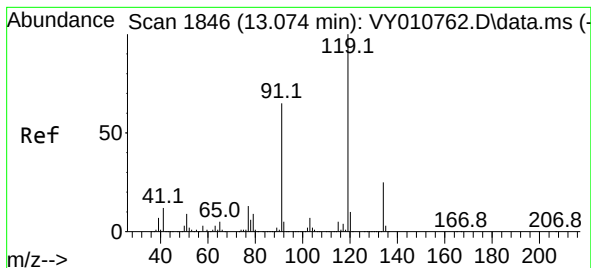
Tgt Ion: 75 Resp: 17043
Ion Ratio Lower Upper
75 100
53 94.2 85.3 127.9
89 47.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.471 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 91 Resp: 181305
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

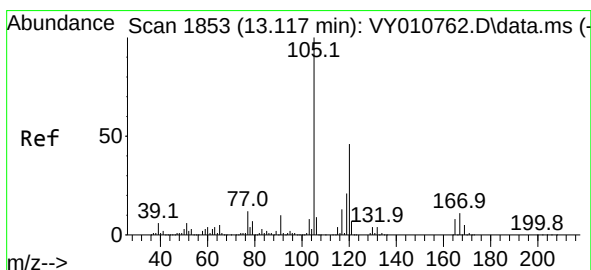
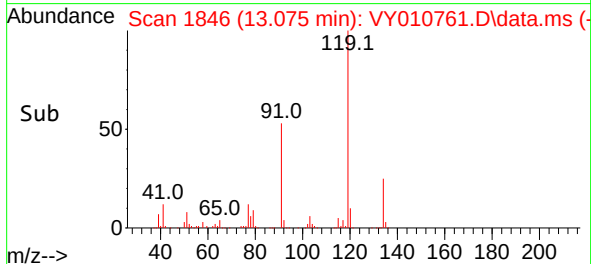
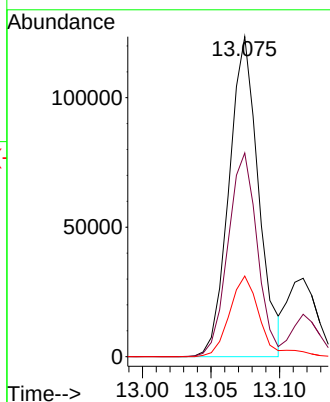
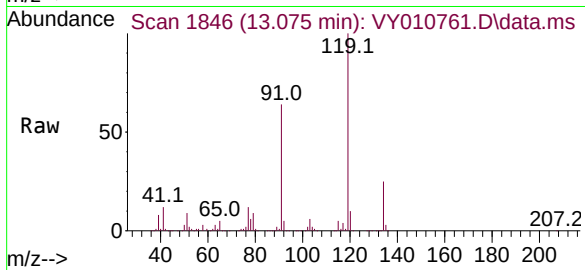




#83
tert-Butylbenzene
Concen: 19.671 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

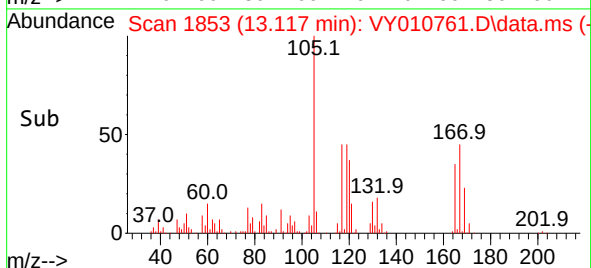
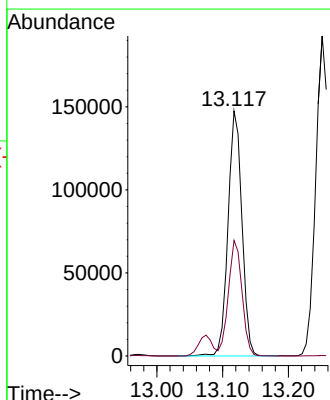
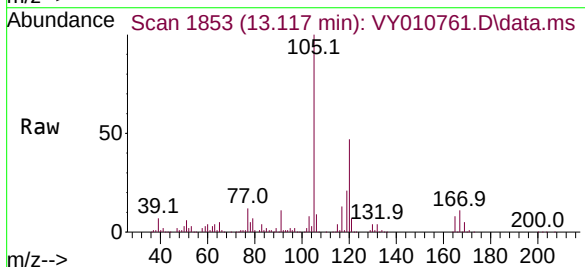
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

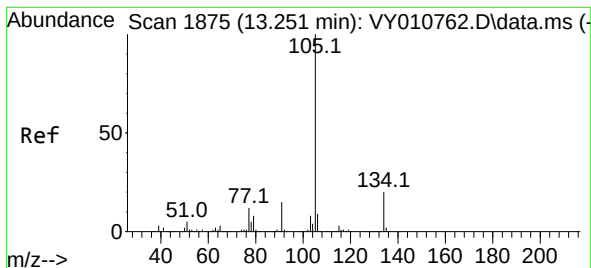
Tgt Ion:119 Resp: 185374
Ion Ratio Lower Upper
119 100
91 63.1 34.8 104.4
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.968 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion:105 Resp: 217010
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.594 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

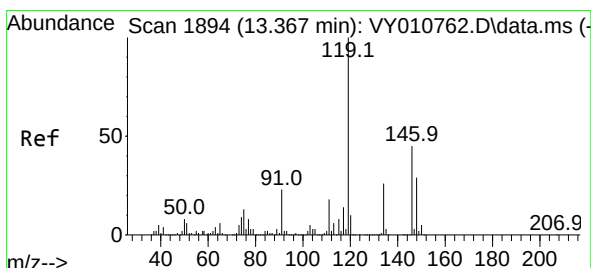
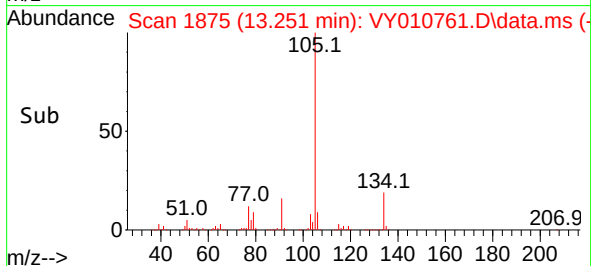
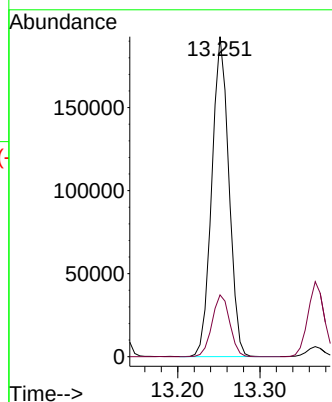
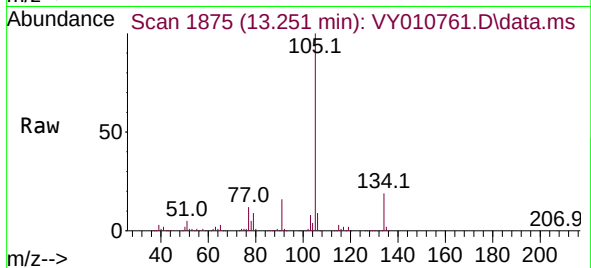
VSTDIC020

Tgt Ion:105 Resp: 277953

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.845 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

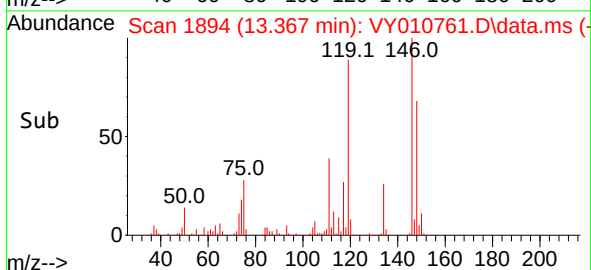
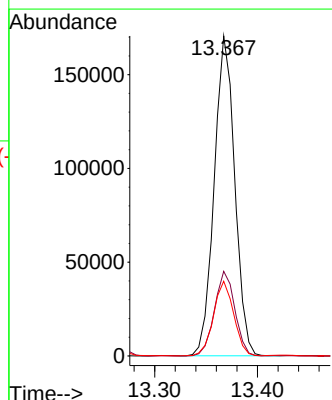
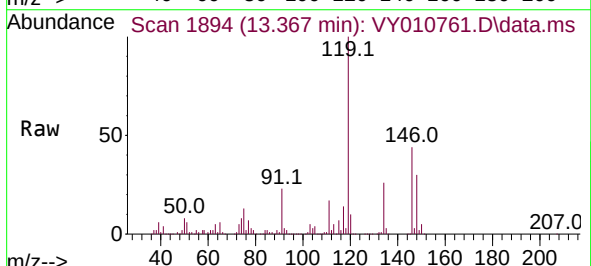
Tgt Ion:119 Resp: 236183

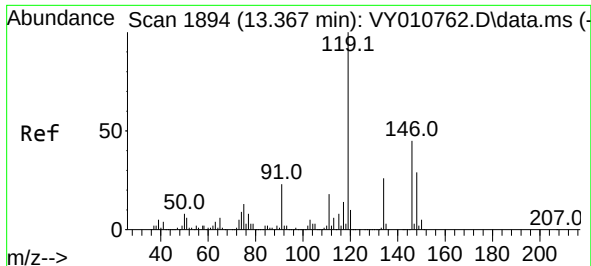
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.0 12.4 37.2

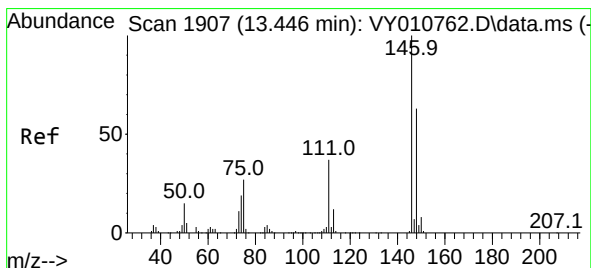
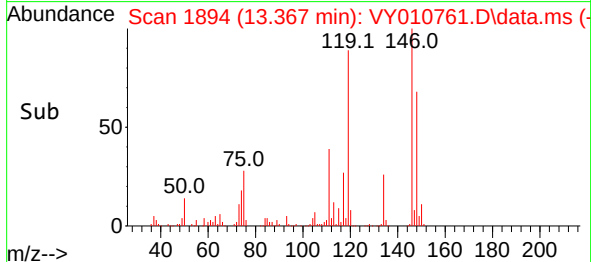
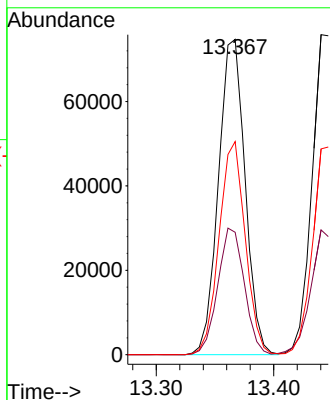
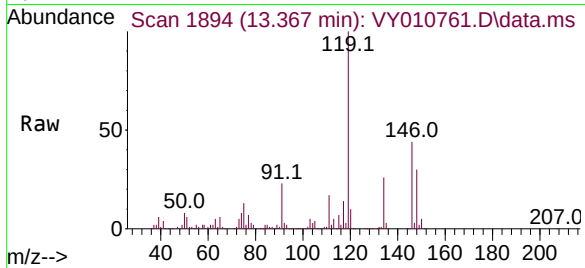




#87
 1,3-Dichlorobenzene
 Concen: 19.380 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

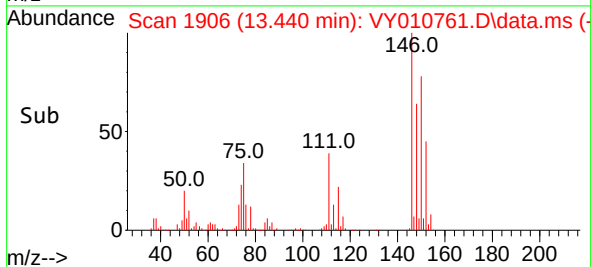
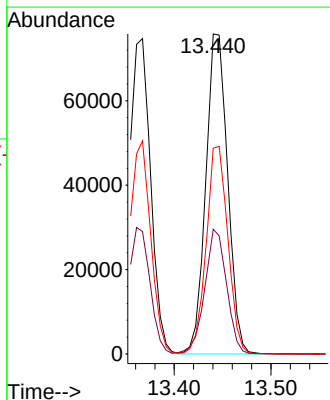
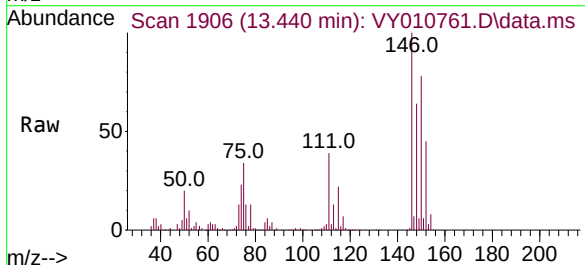
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

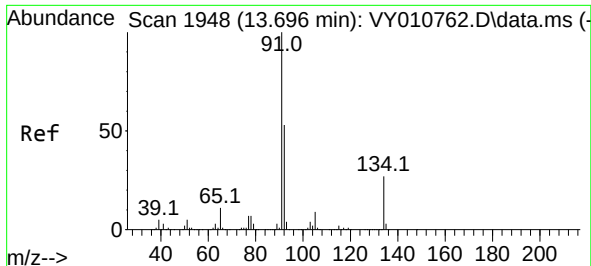
Tgt Ion:146 Resp: 117930
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.5 58.5
 148 66.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.822 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

Tgt Ion:146 Resp: 119439
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.8
 148 64.3 32.6 97.8

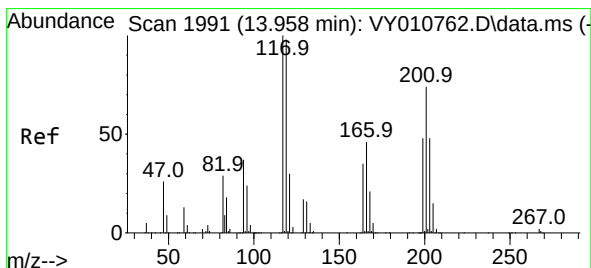
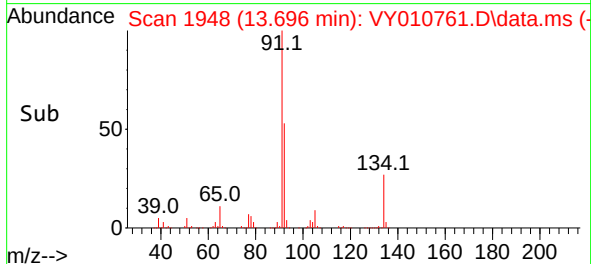
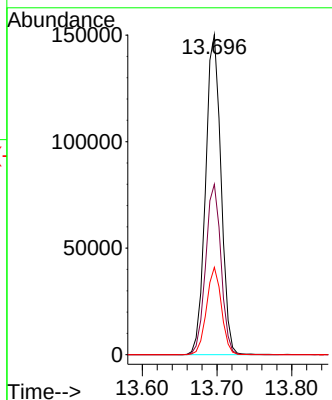
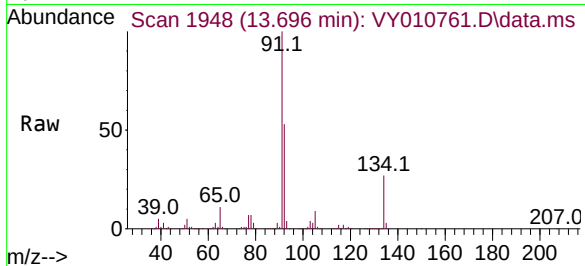




#89
n-Butylbenzene
Concen: 19.648 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

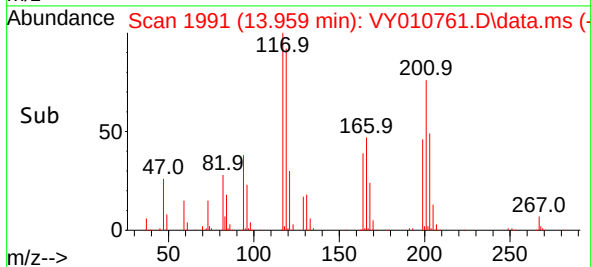
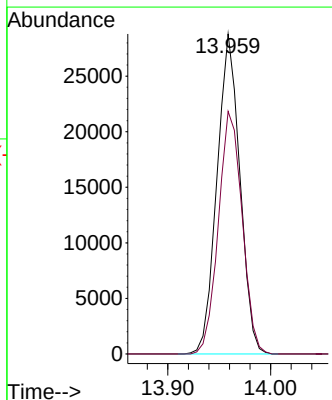
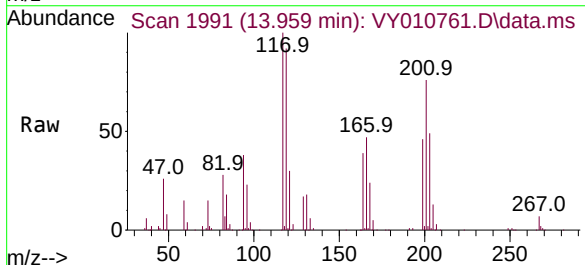
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

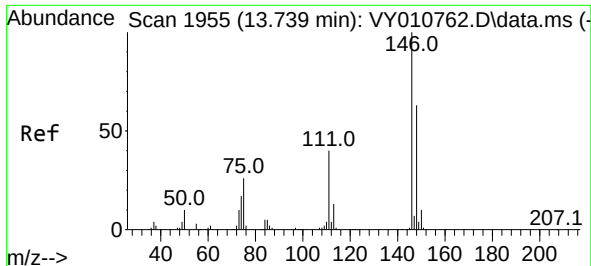
Tgt Ion: 91 Resp: 215184
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 19.530 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY010761.D
Acq: 03 Oct 2022 12:33

Tgt Ion: 117 Resp: 44460
Ion Ratio Lower Upper
117 100
201 78.7 43.0 128.8

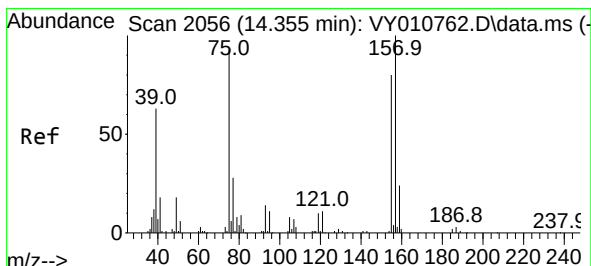
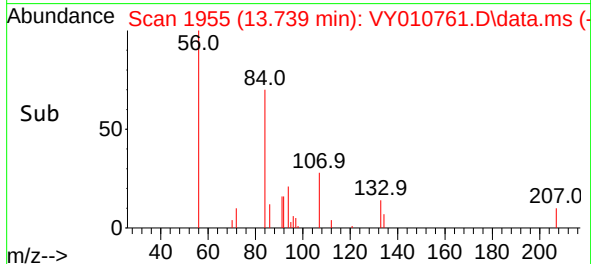
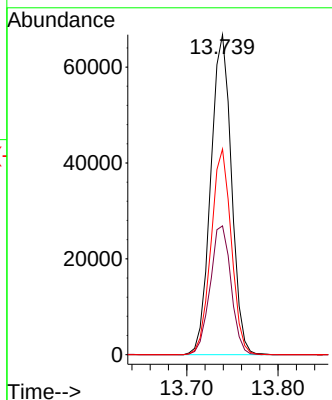
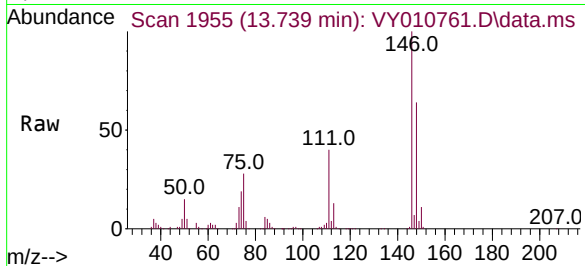




#91
 1,2-Dichlorobenzene
 Concen: 19.744 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

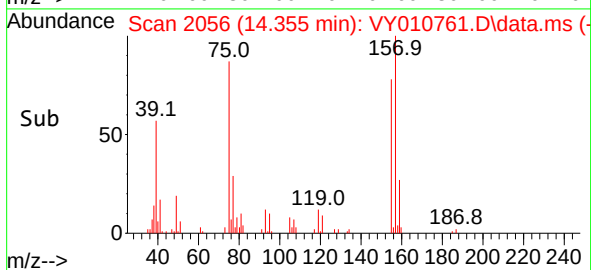
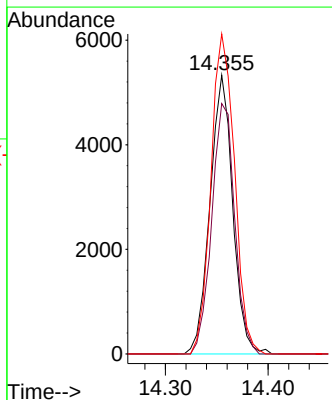
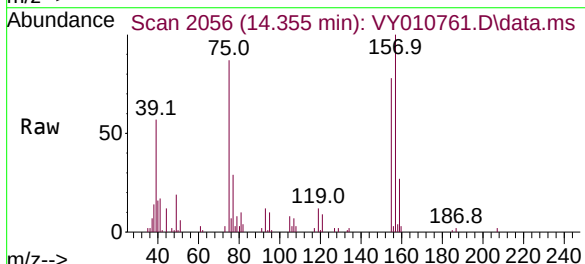
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

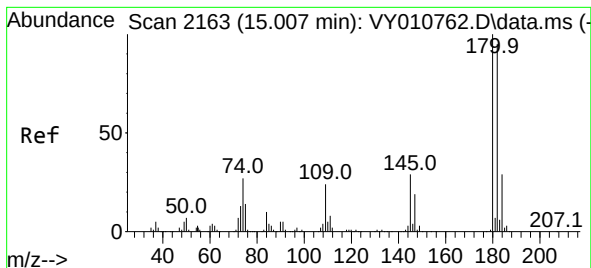
Tgt Ion:146 Resp: 104722
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 63.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.834 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY010761.D
 Acq: 03 Oct 2022 12:33

Tgt Ion: 75 Resp: 8180
 Ion Ratio Lower Upper
 75 100
 155 90.7 38.0 113.9
 157 118.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.626 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

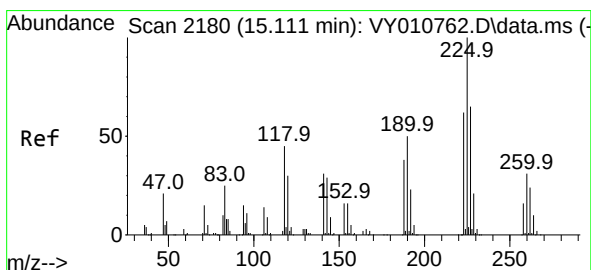
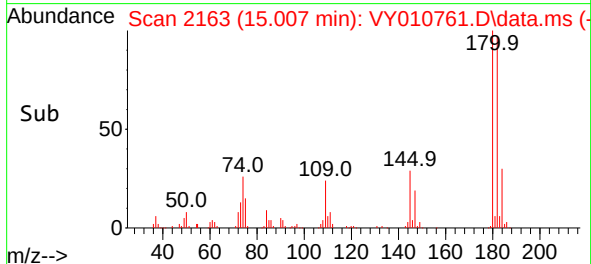
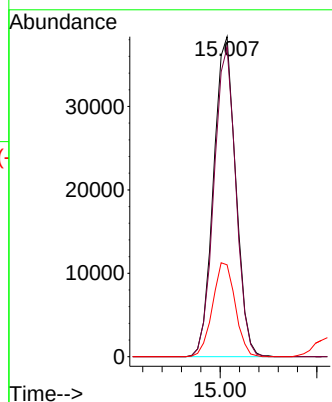
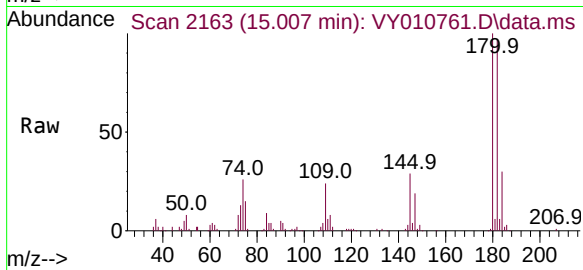
Tgt Ion:180 Resp: 61078

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.124 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

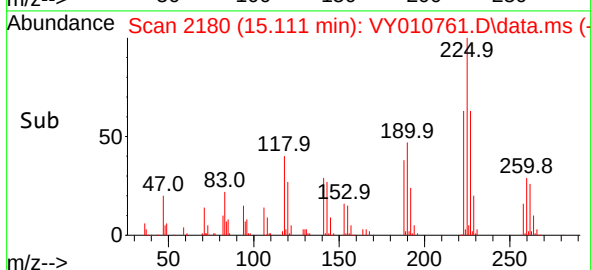
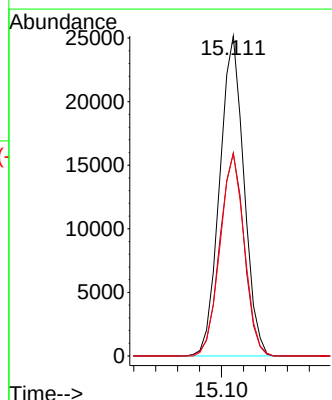
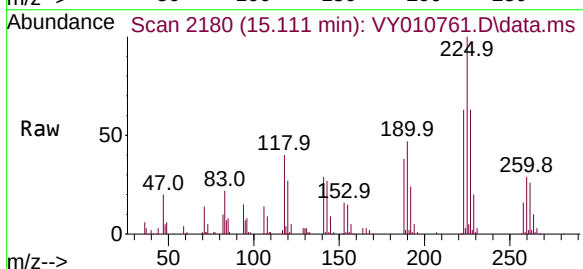
Tgt Ion:225 Resp: 38613

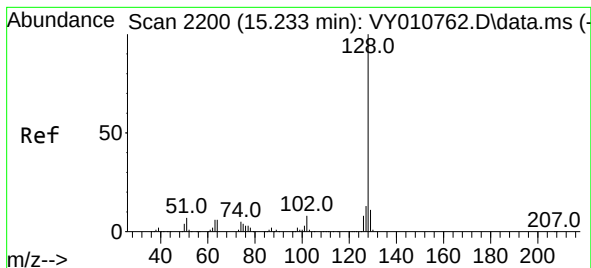
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 63.3 31.6 94.7





#95

Naphthalene

Concen: 19.962 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

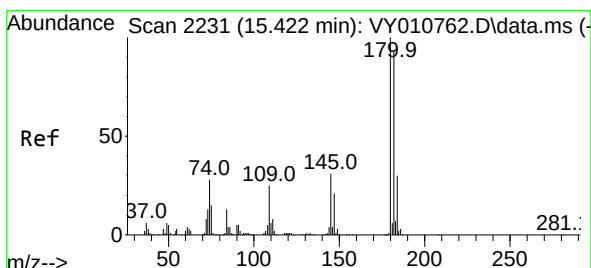
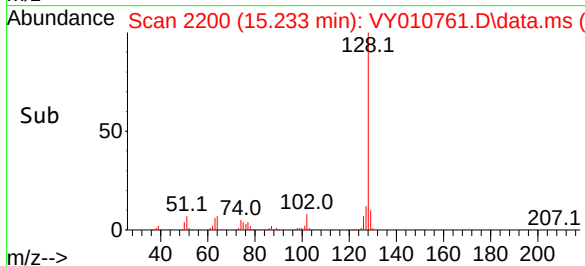
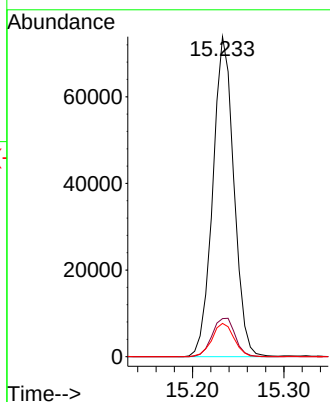
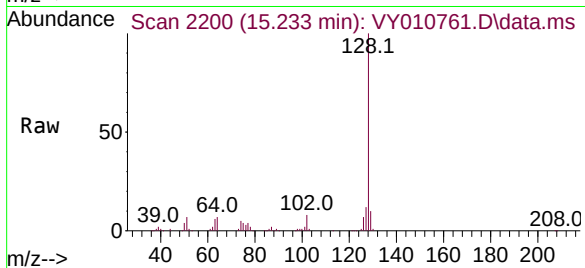
Tgt Ion:128 Resp: 118400

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.811 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY010761.D

Acq: 03 Oct 2022 12:33

Tgt Ion:180 Resp: 52555

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 31.5 15.3 45.9

