

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010416.D
 Acq On : 09 Sep 2022 14:02
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 09 16:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	283931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	440124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	399217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	414290	144.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 289.740%#	
35) Dibromofluoromethane	7.710	113	406137	129.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 259.860%#	
50) Toluene-d8	10.179	98	1524551	150.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 300.980%#	
62) 4-Bromofluorobenzene	12.477	95	550366	118.390	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 236.780%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	262654	120.734	ug/l	100
3) Chloromethane	2.107	50	422233	132.364	ug/l	97
4) Vinyl Chloride	2.241	62	528401	134.266	ug/l	100
5) Bromomethane	2.625	94	338614	122.814	ug/l	99
6) Chloroethane	2.777	64	353623	134.337	ug/l	99
7) Trichlorofluoromethane	3.113	101	678477	136.101	ug/l	96
8) Diethyl Ether	3.521	74	228023	141.232	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	393520	134.825	ug/l	96
10) Methyl Iodide	4.082	142	534405	147.961	ug/l	90
11) Tert butyl alcohol	4.954	59	207100	536.727	ug/l	96
12) 1,1-Dichloroethene	3.863	96	376512	137.506	ug/l	84
13) Acrolein	3.722	56	202407	741.928	ug/l	97
14) Allyl chloride	4.466	41	574537	145.710	ug/l #	94
15) Acrylonitrile	5.155	53	574866	735.532	ug/l	98
16) Acetone	3.942	43	436042	664.433	ug/l	90
17) Carbon Disulfide	4.180	76	996254	134.546	ug/l	100
18) Methyl Acetate	4.466	43	278968	138.176	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	1112939	147.182	ug/l	96
20) Methylene Chloride	4.704	84	431191	107.660	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	430016	138.313	ug/l	87
22) Diisopropyl ether	6.112	45	1337029	151.888	ug/l	93
23) Vinyl Acetate	6.051	43	4272571	792.021	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	755913	141.843	ug/l	99
25) 2-Butanone	6.978	43	756219	725.082	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	700873	137.823	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	512392	141.783	ug/l	87
28) Bromochloromethane	7.325	49	267665	156.654	ug/l #	81
29) Tetrahydrofuran	7.338	42	492071	755.964	ug/l #	84
30) Chloroform	7.502	83	802362	141.940	ug/l	99
31) Cyclohexane	7.777	56	634519	131.343	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	736233	143.834	ug/l	95
36) 1,1-Dichloropropene	7.911	75	600909	140.425	ug/l	97
37) Ethyl Acetate	7.069	43	331117	147.192	ug/l #	94
38) Carbon Tetrachloride	7.892	117	674533	141.686	ug/l	99
39) Methylcyclohexane	9.179	83	729777	136.773	ug/l	89
40) Benzene	8.155	78	1740402	141.283	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	463000	379.464	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	521702	142.417	ug/l	93
43) Isopropyl Acetate	8.270	43	638780	155.163	ug/l #	92
44) Trichloroethene	8.935	130	506351	139.641	ug/l	99
45) 1,2-Dichloropropane	9.209	63	431530	143.636	ug/l	98
46) Dibromomethane	9.301	93	259309	143.126	ug/l	97
47) Bromodichloromethane	9.496	83	625211	145.284	ug/l	99
48) Methyl methacrylate	9.289	41	292371	158.128	ug/l #	86
49) 1,4-Dioxane	9.295	88	72687	3030.775	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	1752547	776.102	ug/l	90
52) Toluene	10.240	92	1158327	143.693	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	666243	150.440	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	734314	147.007	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	364538	141.448	ug/l	99
56) Ethyl methacrylate	10.508	69	528303	156.090	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	617923	144.197	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	645362	560.505	ug/l	94
59) 2-Hexanone	10.831	43	1216614	790.382	ug/l	88
60) Dibromochloromethane	10.983	129	463582	147.198	ug/l	100
61) 1,2-Dibromoethane	11.087	107	356337	142.433	ug/l	100
64) Tetrachloroethene	10.715	164	484671	134.694	ug/l	99
65) Chlorobenzene	11.514	112	1240129	138.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	477282	144.342	ug/l	98
67) Ethyl Benzene	11.593	91	2256754	142.823	ug/l	97
68) m/p-Xylenes	11.703	106	1785201	287.783	ug/l	93
69) o-Xylene	12.026	106	864497	145.950	ug/l	92
70) Styrene	12.044	104	1488336	148.461	ug/l	96
71) Bromoform	12.209	173	306050	148.043	ug/l #	99
73) Isopropylbenzene	12.331	105	2275060	145.595	ug/l	99
74) N-amyl acetate	12.142	43	613019	168.139	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	425780	145.663	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	582649	267.606	ug/l #	100
77) Bromobenzene	12.605	156	528146	142.639	ug/l	96
78) n-propylbenzene	12.672	91	2665363	144.046	ug/l	98
79) 2-Chlorotoluene	12.757	91	1505491	144.841	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	1889792	143.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	159976	160.701	ug/l	87
82) 4-Chlorotoluene	12.855	91	1576130	145.760	ug/l	98
83) tert-Butylbenzene	13.074	119	1661546	144.184	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1877065	145.505	ug/l	98
85) sec-Butylbenzene	13.251	105	2433730	142.627	ug/l	99
86) p-Isopropyltoluene	13.367	119	2086835	144.583	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	1060145	142.585	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	1031178	140.059	ug/l	98
89) n-Butylbenzene	13.696	91	1868370	142.608	ug/l	98
90) Hexachloroethane	13.958	117	380487	140.403	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	936744	142.246	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	72818	147.588	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	576623	140.981	ug/l	99
94) Hexachlorobutadiene	15.111	225	322388	130.636	ug/l	99
95) Naphthalene	15.233	128	1213455	150.418	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	500059	140.058	ug/l	99

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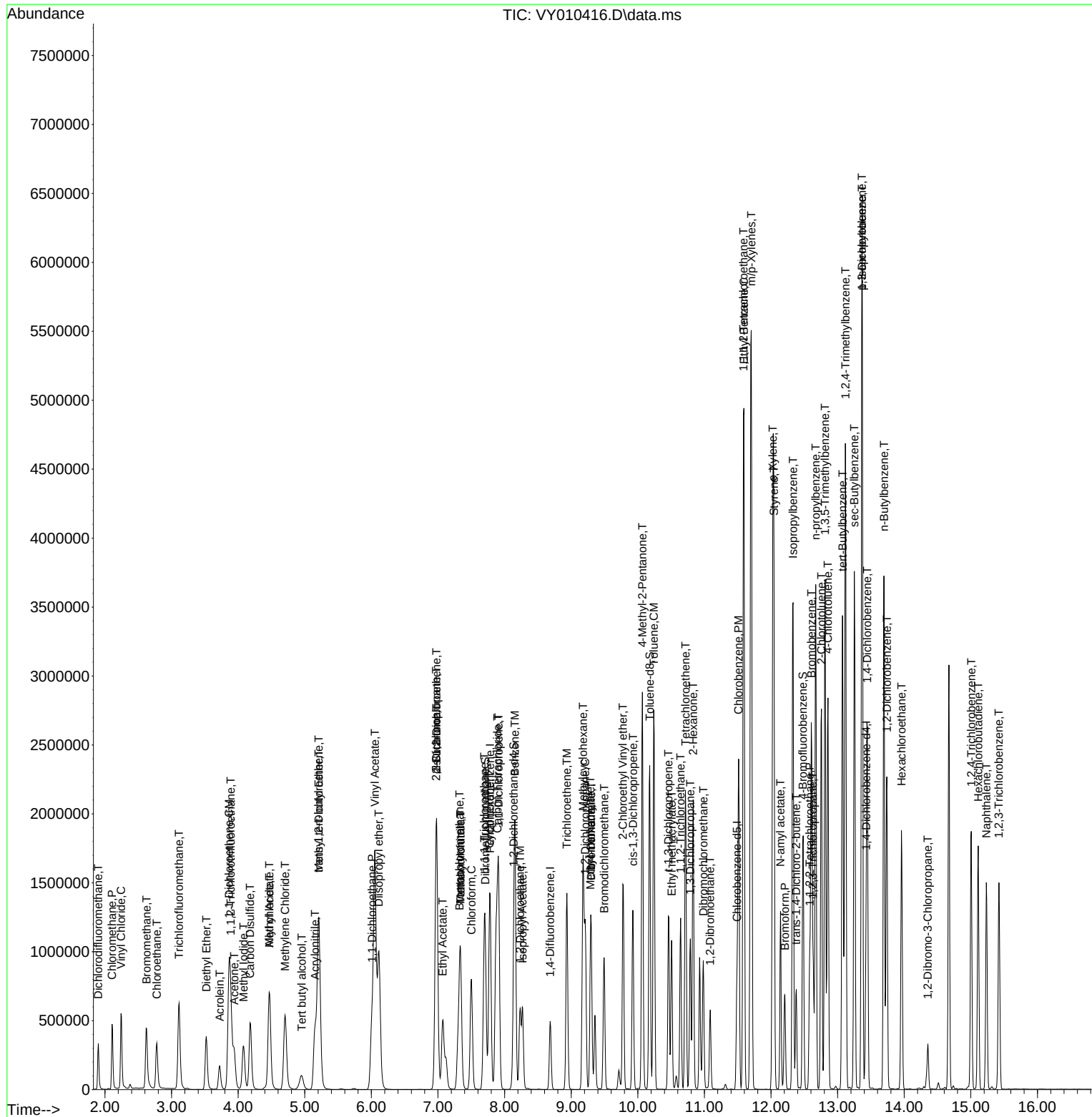
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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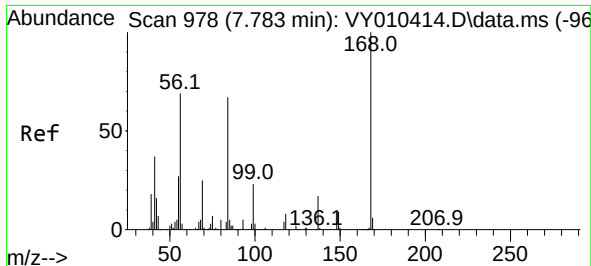
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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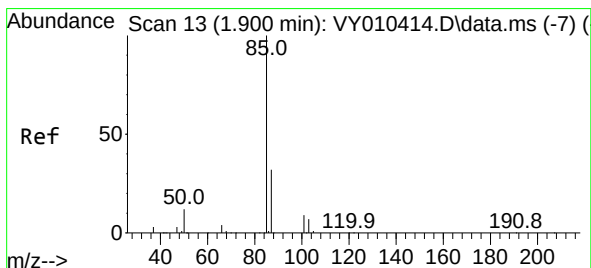
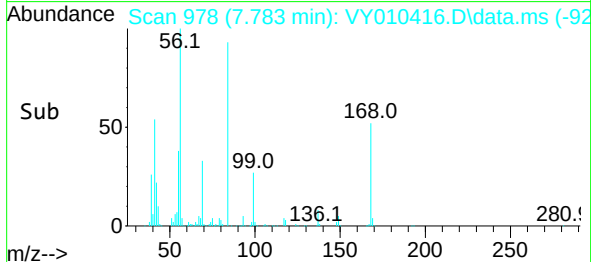
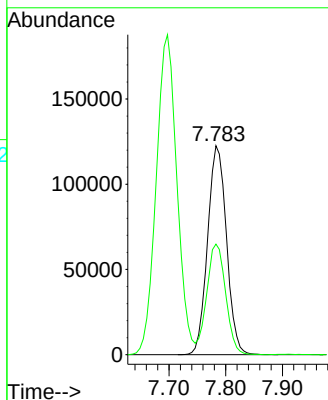
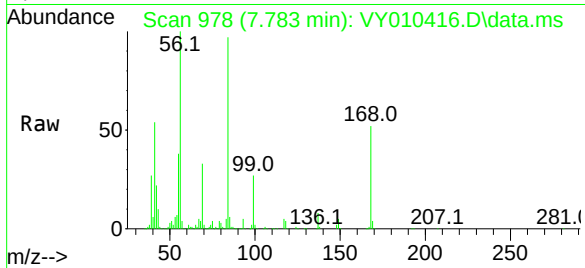




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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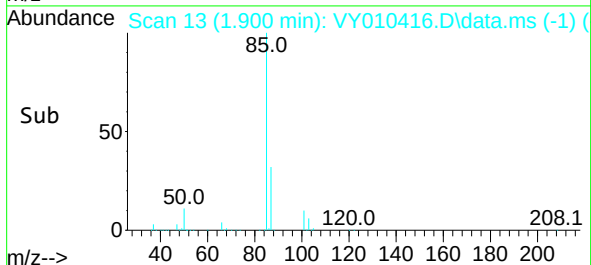
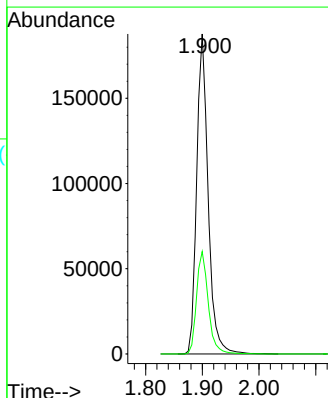
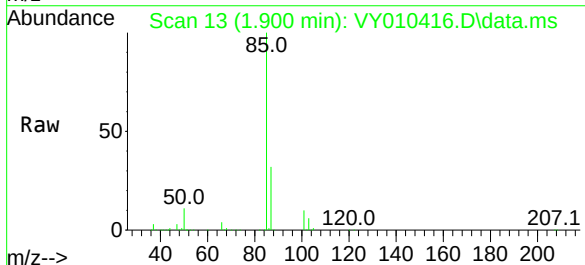
Instrument :
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VSTDIC150

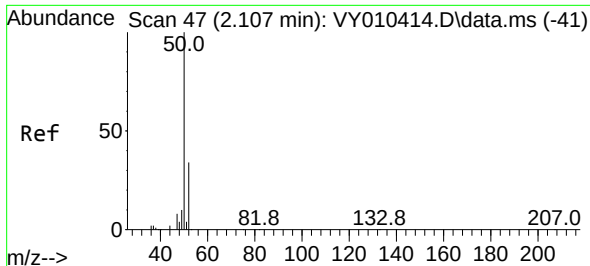
Tgt Ion:168 Resp: 283931
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 120.734 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 85 Resp: 262654
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

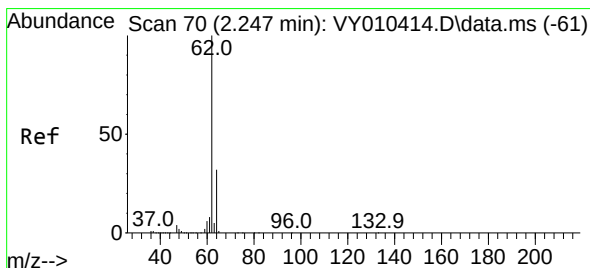
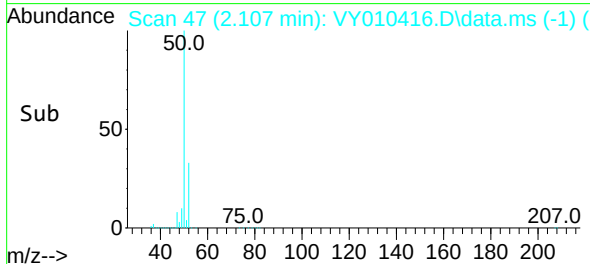
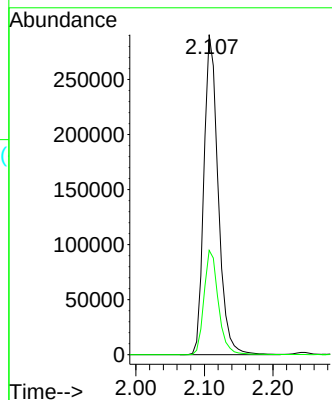
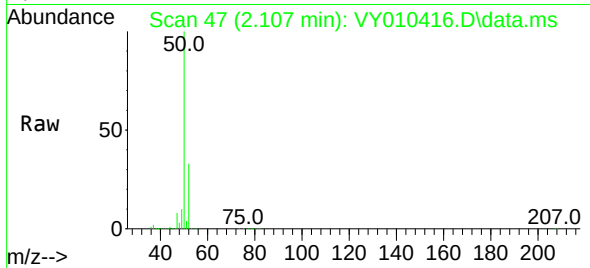




#3
Chloromethane
Concen: 132.364 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

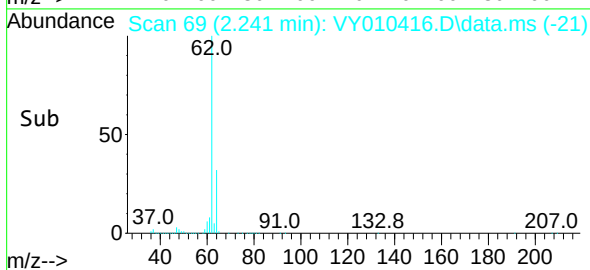
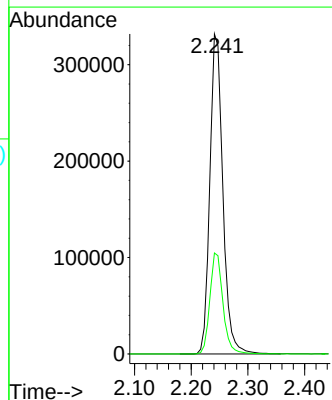
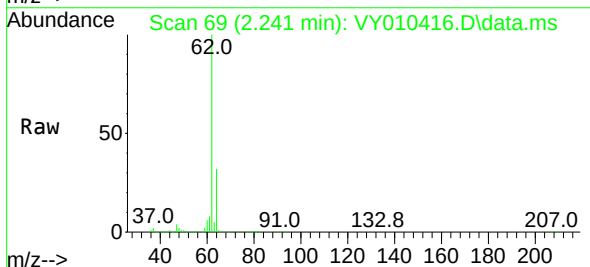
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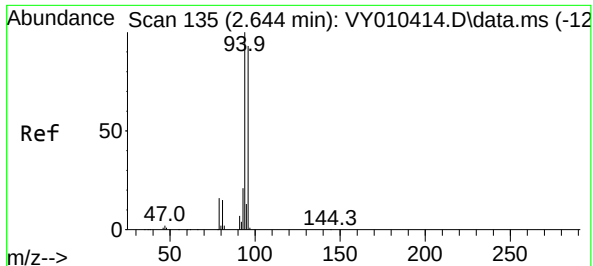
Tgt Ion: 50 Resp: 422233
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0



#4
Vinyl Chloride
Concen: 134.266 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 62 Resp: 528401
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

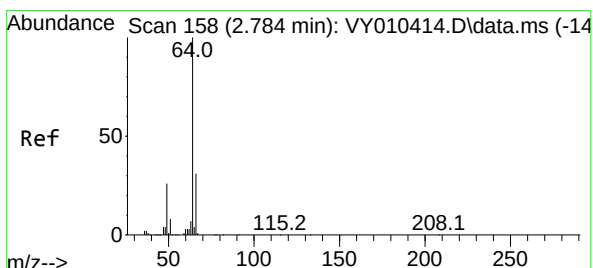
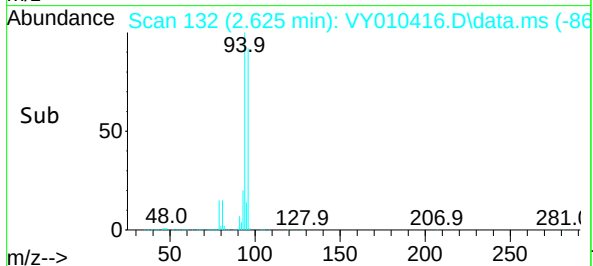
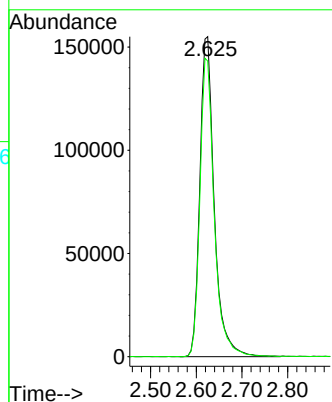
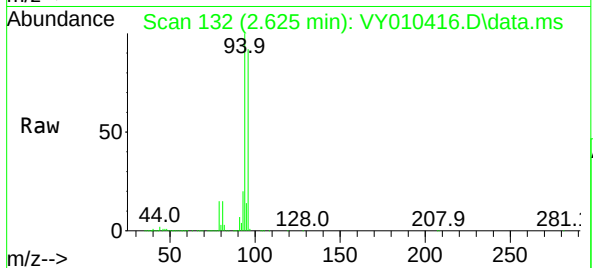




#5
Bromomethane
Concen: 122.814 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY010416.D
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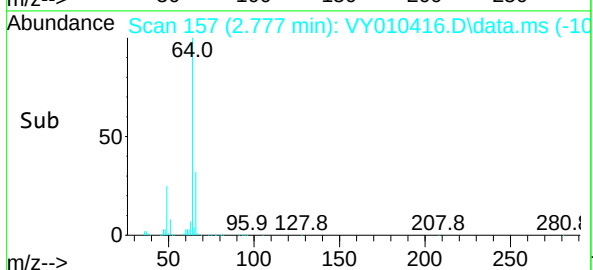
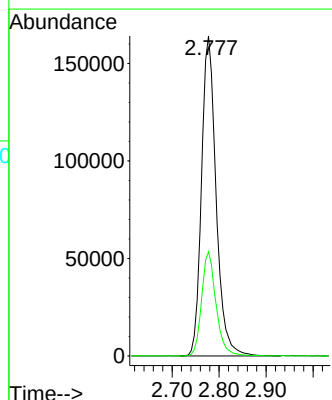
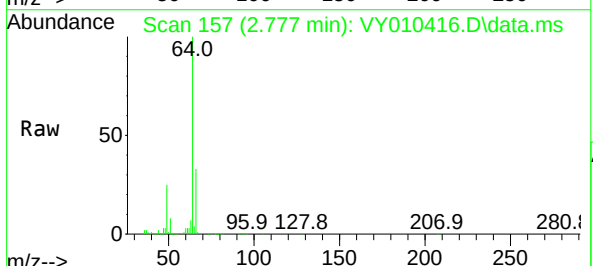
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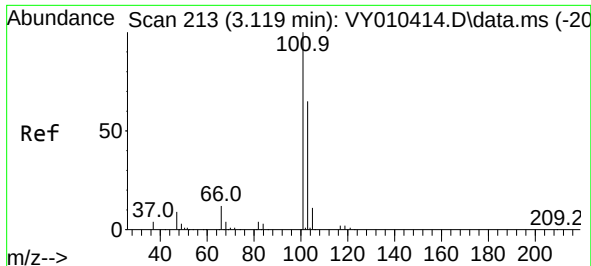
Tgt Ion: 94 Resp: 338614
Ion Ratio Lower Upper
94 100
96 92.4 73.5 110.3



#6
Chloroethane
Concen: 134.337 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 353623
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

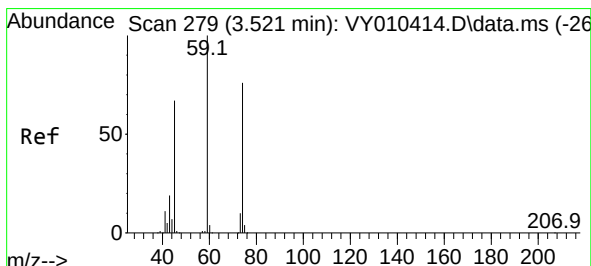
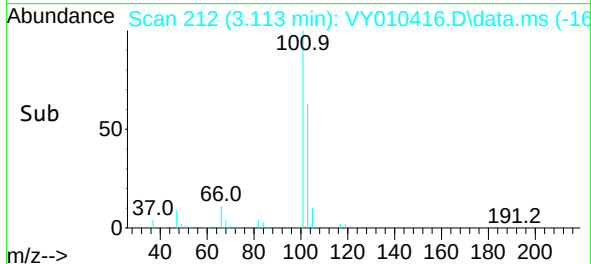
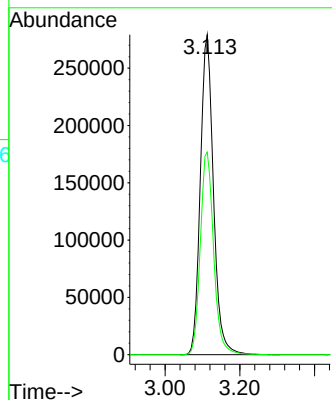
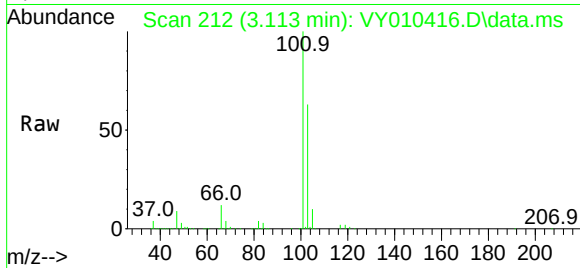




#7
 Trichlorofluoromethane
 Concen: 136.101 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

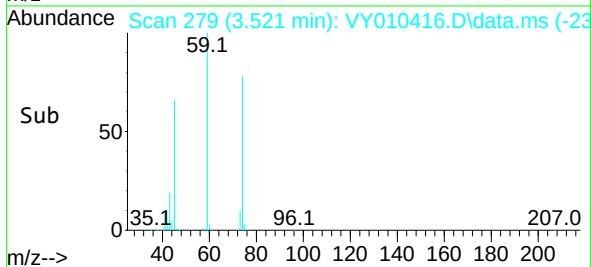
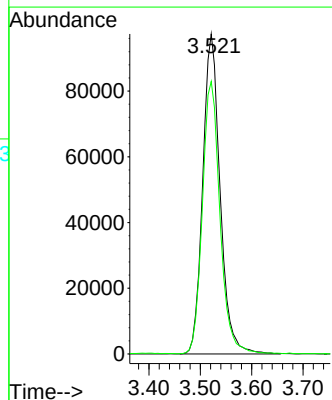
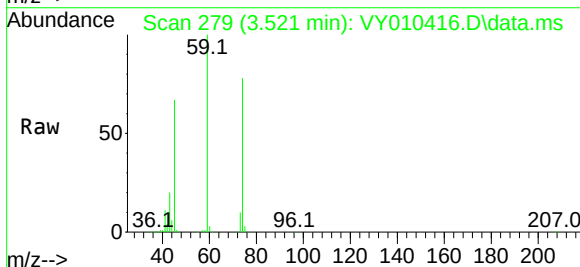
Instrument :
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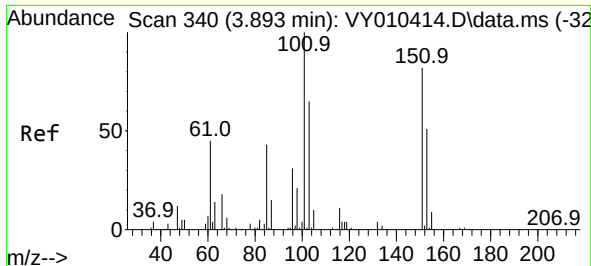
Tgt Ion:101 Resp: 678477
 Ion Ratio Lower Upper
 101 100
 103 63.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 141.232 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 228023
 Ion Ratio Lower Upper
 74 100
 45 86.5 55.1 165.5

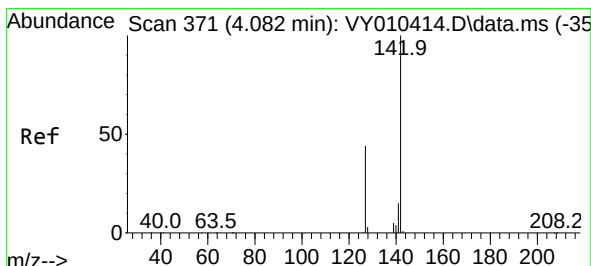
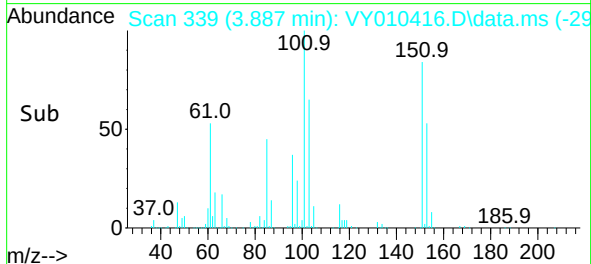
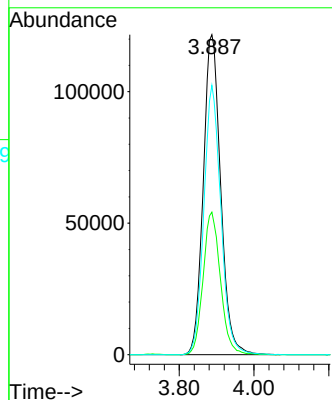
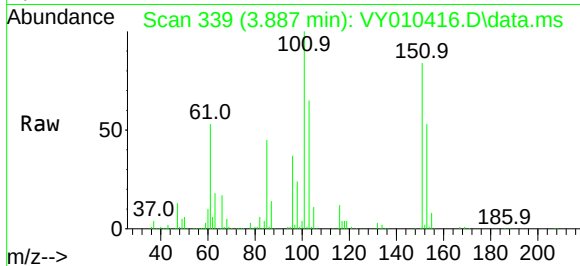




#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.825 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

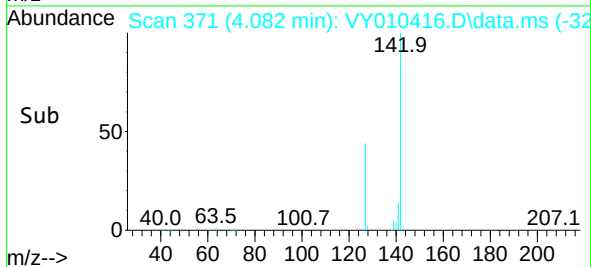
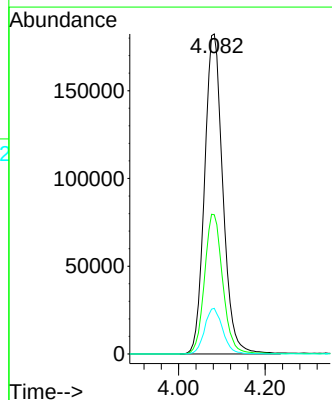
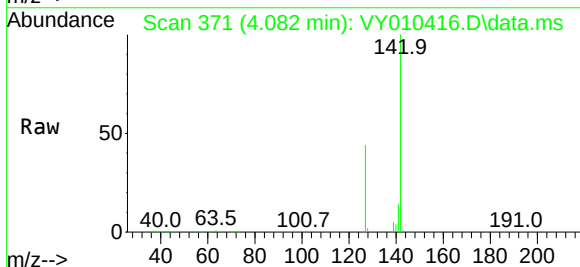
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

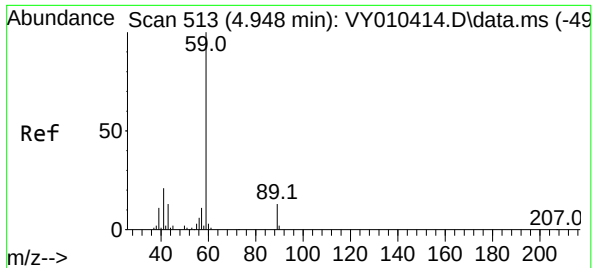
Tgt Ion:101 Resp: 393520
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 82.4 64.9 97.3



#10
Methyl Iodide
Concen: 147.961 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion:142 Resp: 534405
Ion Ratio Lower Upper
142 100
127 43.6 41.5 62.3
141 14.1 11.9 17.9

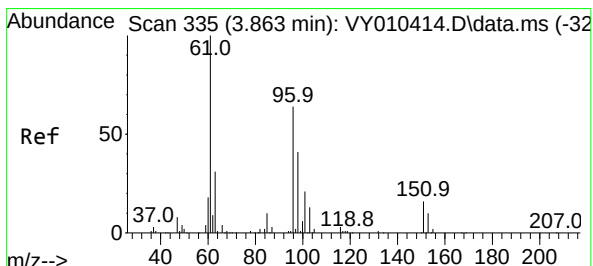
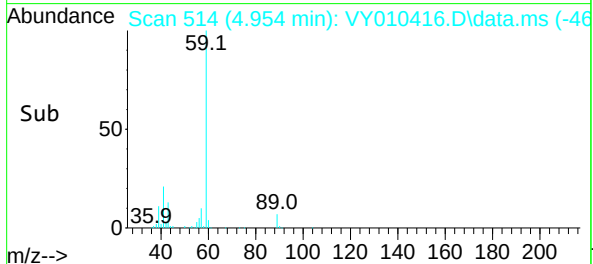
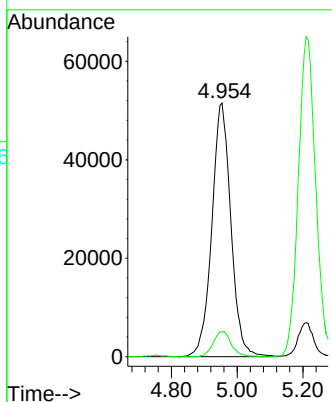
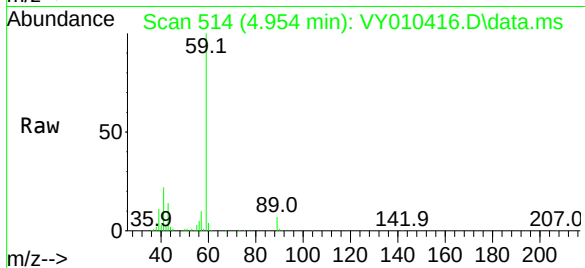




#11
Tert butyl alcohol
Concen: 536.727 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

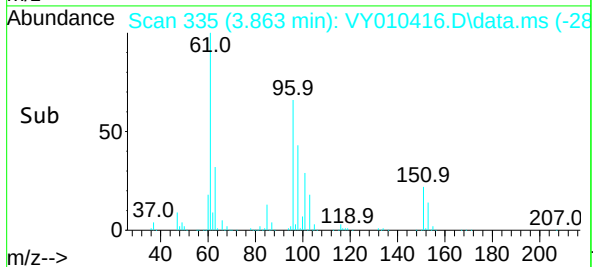
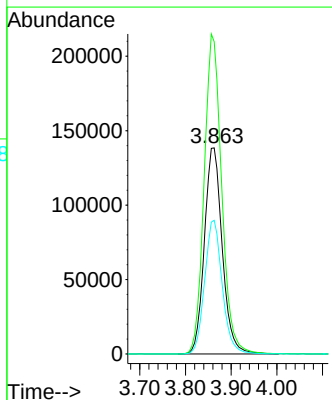
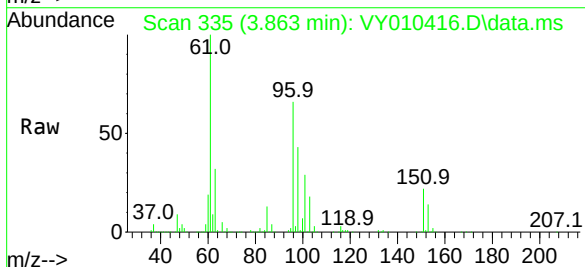
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

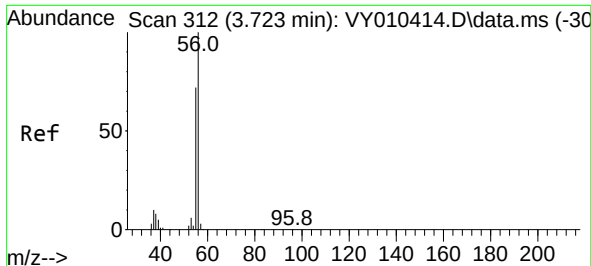
Tgt Ion: 59 Resp: 207100
Ion Ratio Lower Upper
59 100
57 9.5 6.4 9.6



#12
1,1-Dichloroethene
Concen: 137.506 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 96 Resp: 376512
Ion Ratio Lower Upper
96 100
61 151.5 145.8 218.6
98 64.8 52.5 78.7

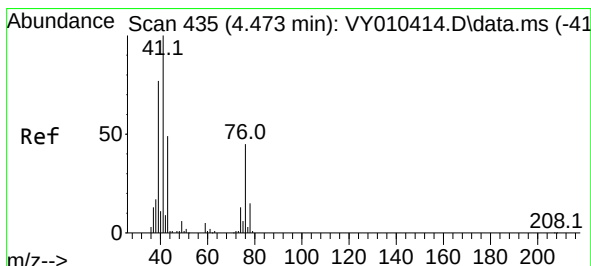
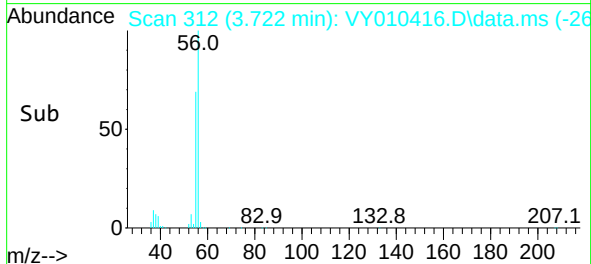
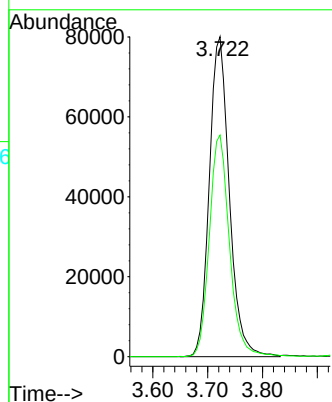
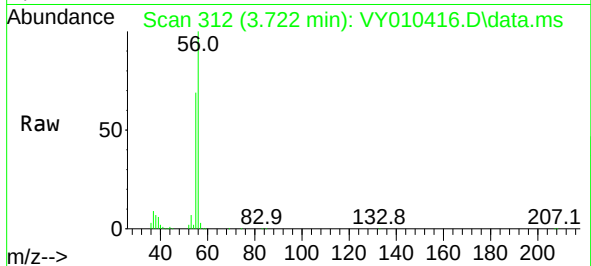




#13
Acrolein
Concen: 741.928 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

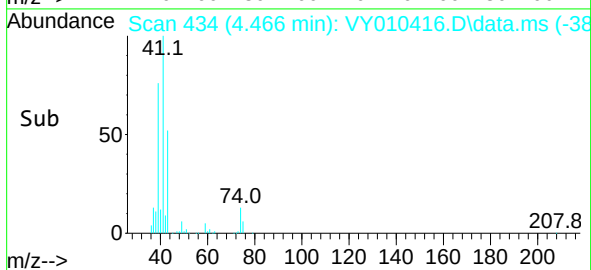
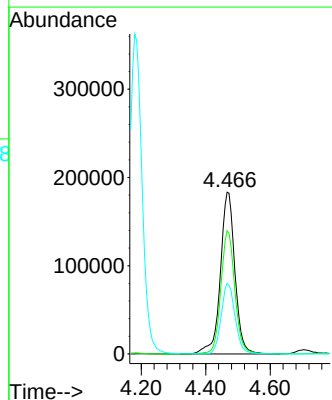
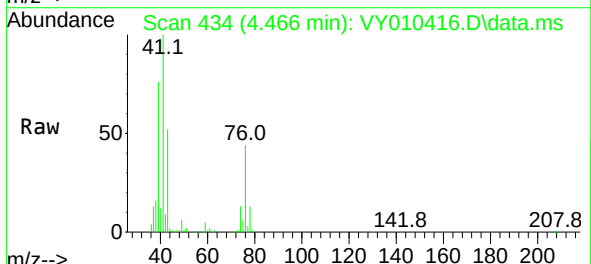
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

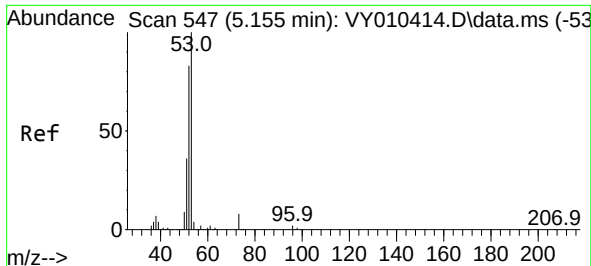
Tgt Ion: 56 Resp: 202407
Ion Ratio Lower Upper
56 100
55 69.8 57.6 86.4



#14
Allyl chloride
Concen: 145.710 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 41 Resp: 574537
Ion Ratio Lower Upper
41 100
39 73.2 58.8 88.2
76 41.5 25.1 37.7#

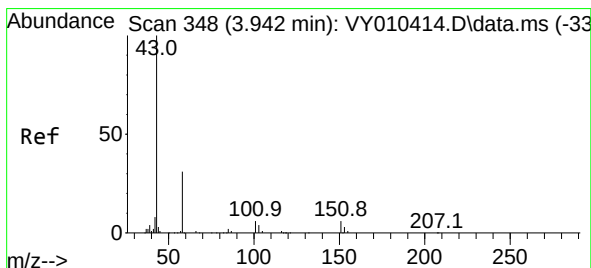
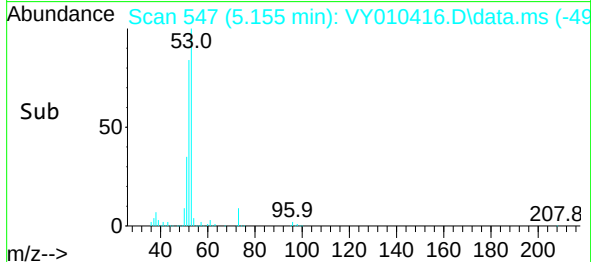
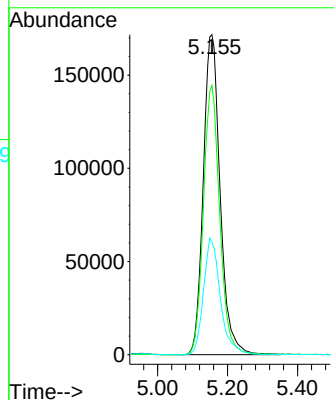
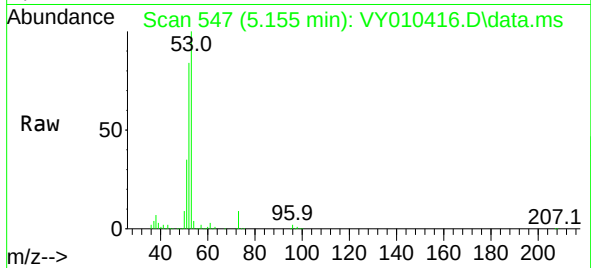




#15
Acrylonitrile
Concen: 735.532 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

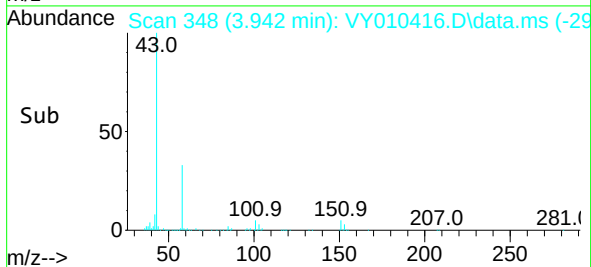
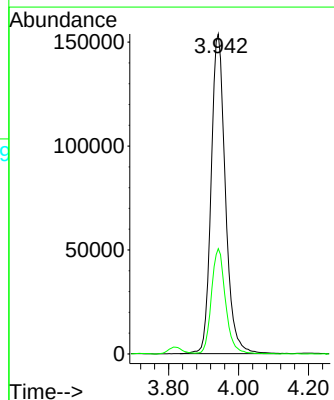
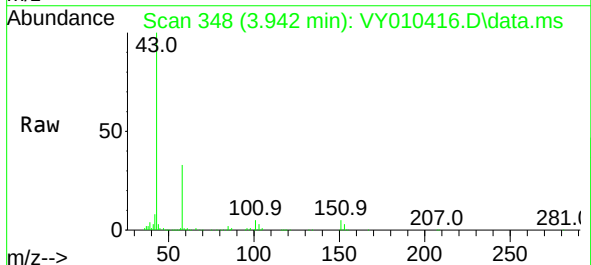
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

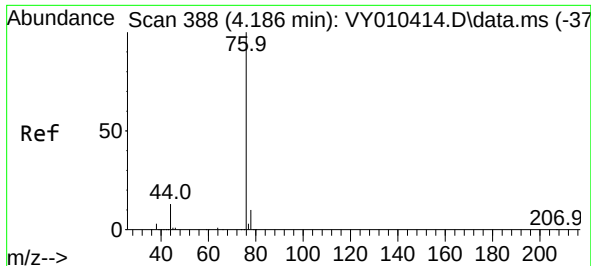
Tgt Ion: 53 Resp: 574866
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 664.433 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 43 Resp: 436042
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

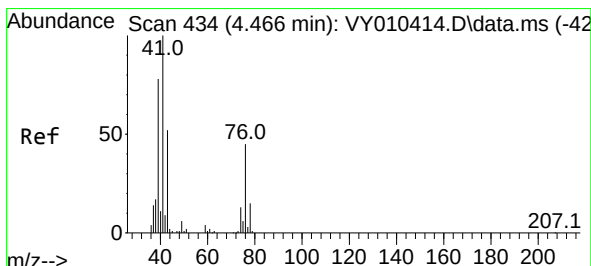
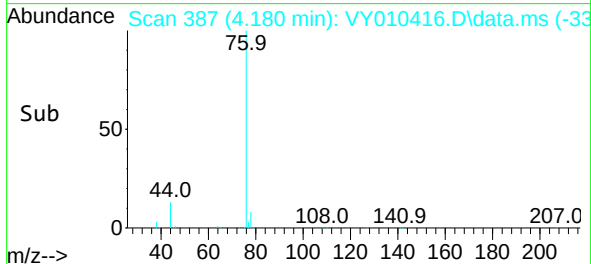
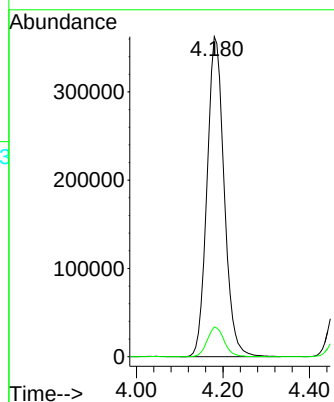
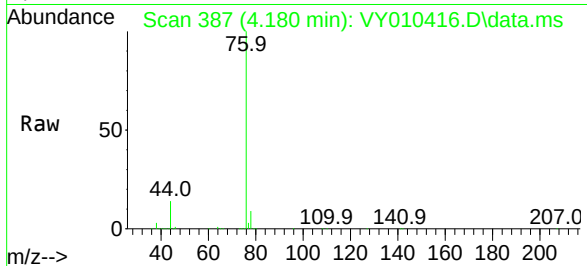




#17
Carbon Disulfide
Concen: 134.546 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

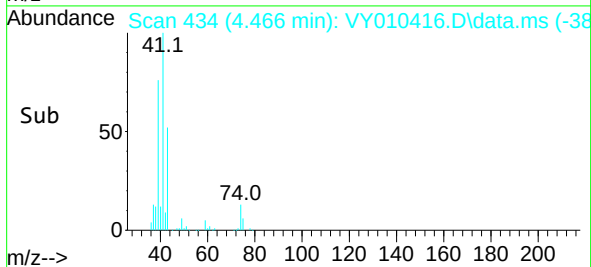
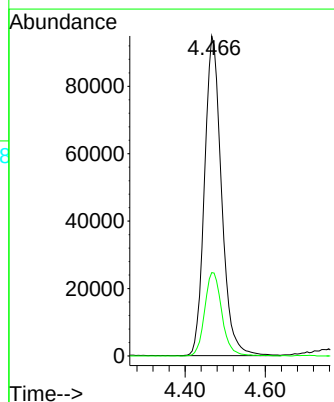
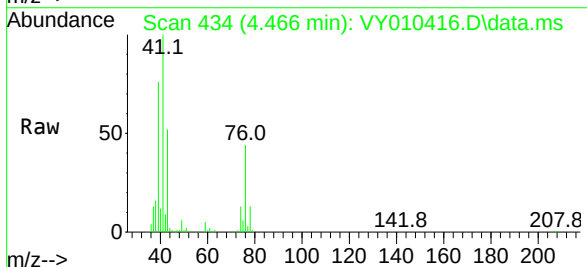
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

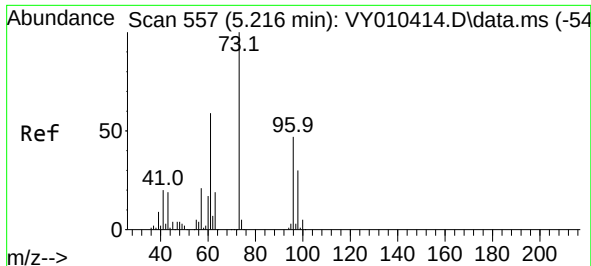
Tgt Ion: 76 Resp: 996254
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 138.176 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 43 Resp: 278968
Ion Ratio Lower Upper
43 100
74 26.4 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 147.182 ug/l

RT: 5.210 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

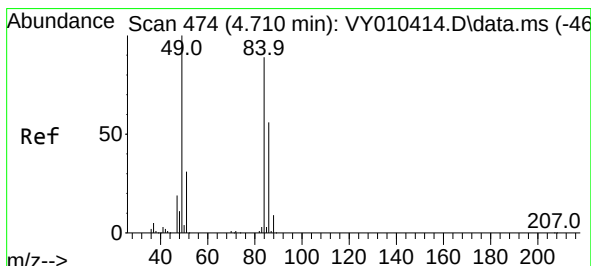
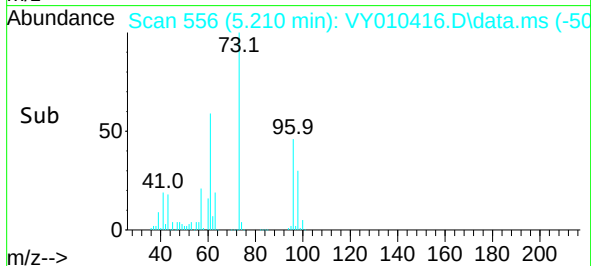
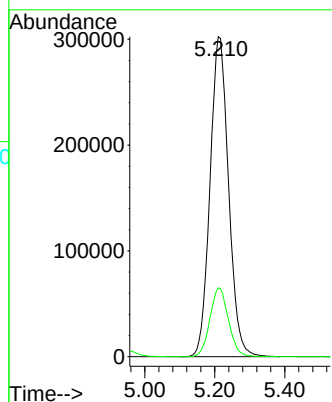
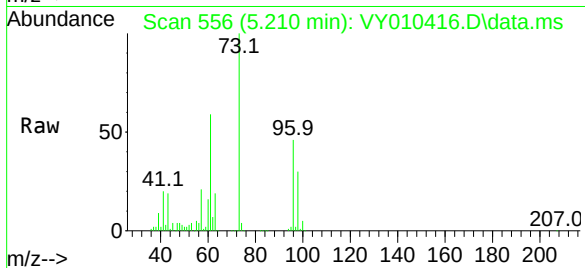
VSTDIC150

Tgt Ion: 73 Resp: 1112939

Ion Ratio Lower Upper

73 100

57 21.5 18.6 27.8



#20

Methylene Chloride

Concen: 107.660 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Tgt Ion: 84 Resp: 431191

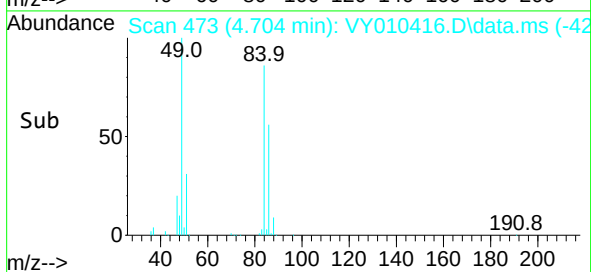
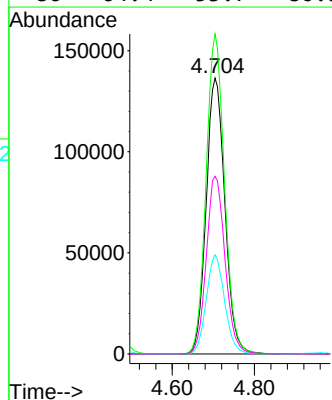
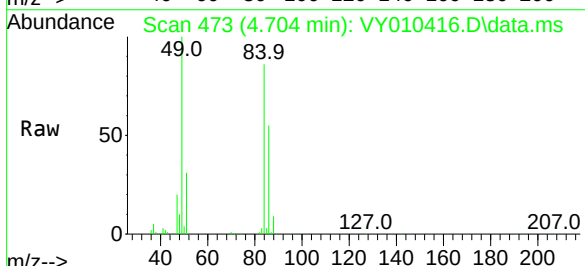
Ion Ratio Lower Upper

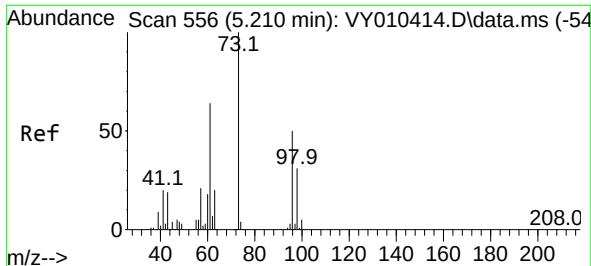
84 100

49 116.0 114.4 171.6

51 35.9 35.3 52.9

86 64.4 53.7 80.5

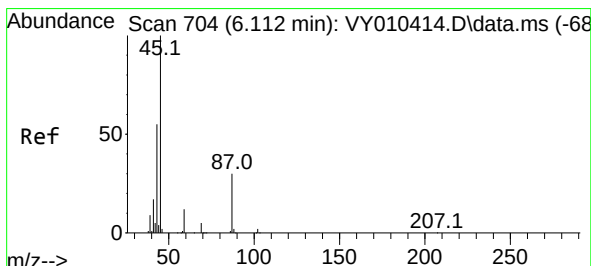
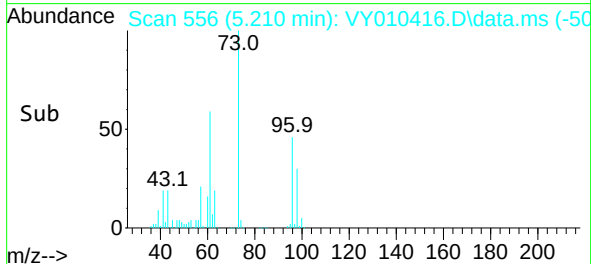
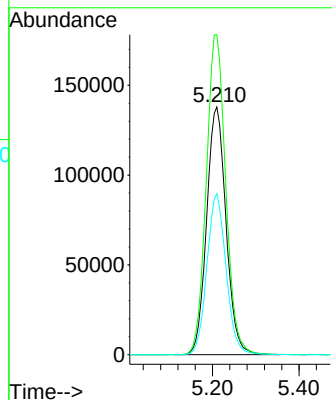
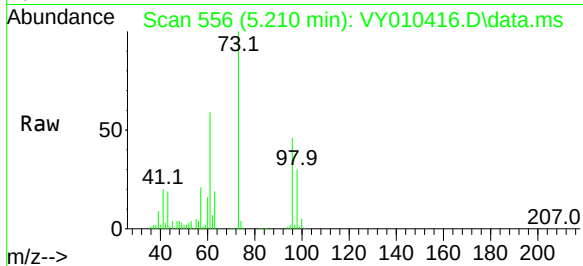




#21
trans-1,2-Dichloroethene
Concen: 138.313 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

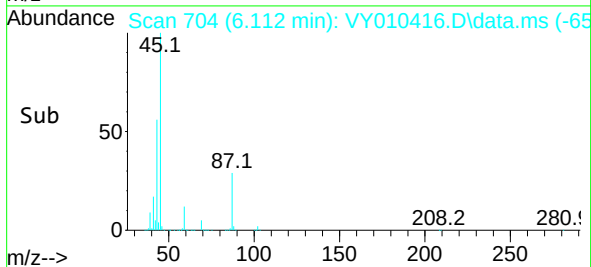
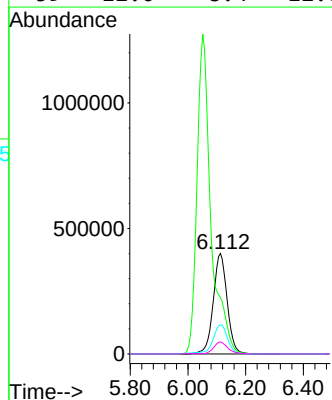
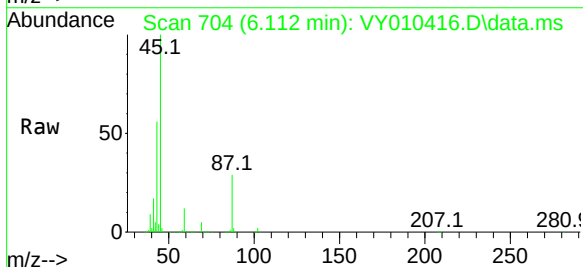
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

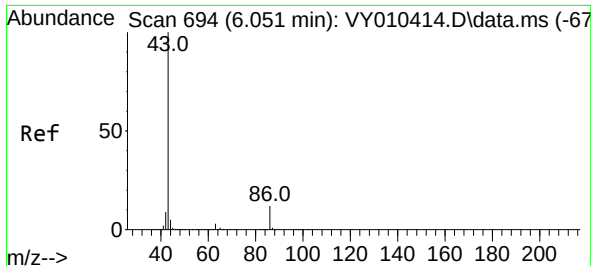
Tgt Ion: 96 Resp: 430016
Ion Ratio Lower Upper
96 100
61 129.1 120.5 180.7
98 65.0 49.8 74.8



#22
Diisopropyl ether
Concen: 151.888 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 45 Resp: 1337029
Ion Ratio Lower Upper
45 100
43 56.3 49.3 73.9
87 28.7 19.2 28.8
59 12.0 8.4 12.6

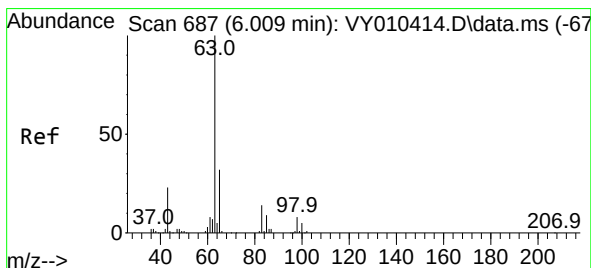
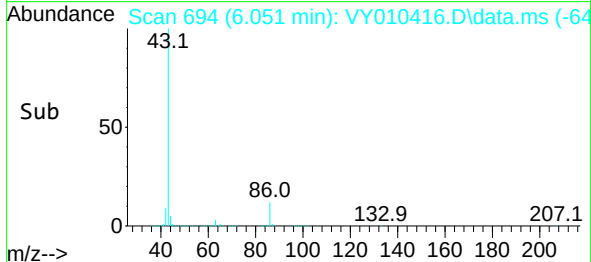
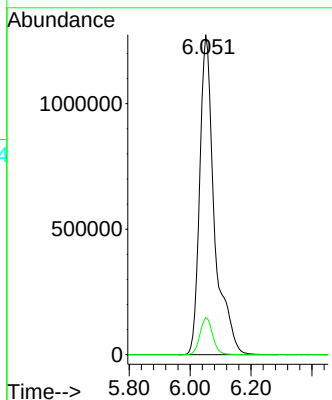
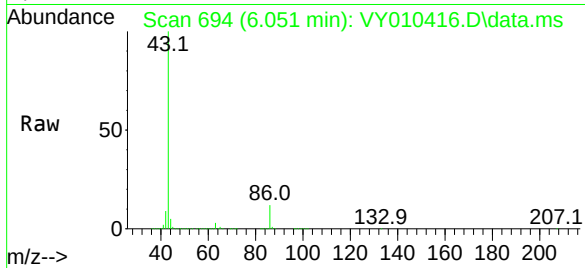




#23
 Vinyl Acetate
 Concen: 792.021 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

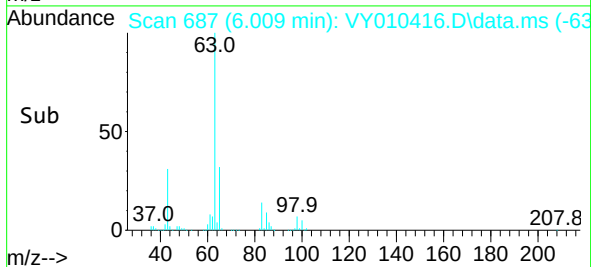
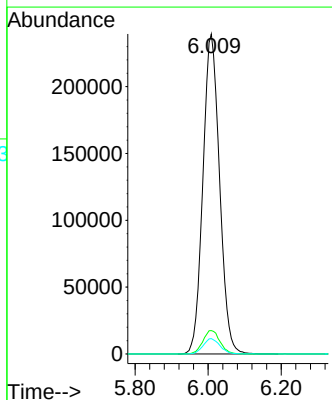
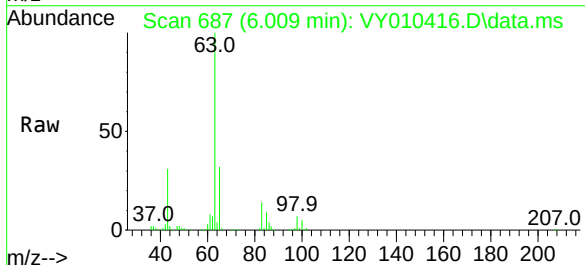
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

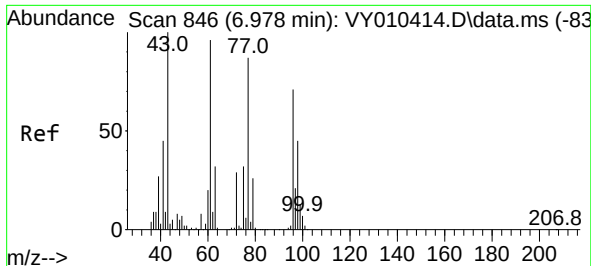
Tgt Ion: 43 Resp: 4272571
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 141.843 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

Tgt Ion: 63 Resp: 755913
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 725.082 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

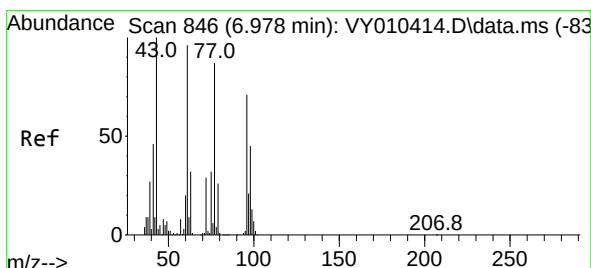
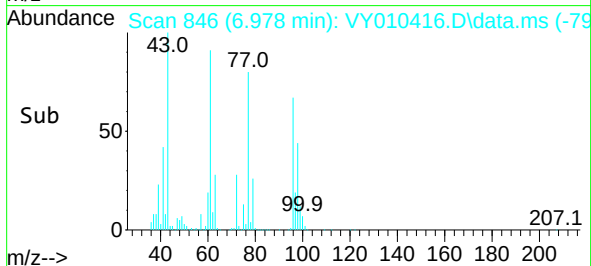
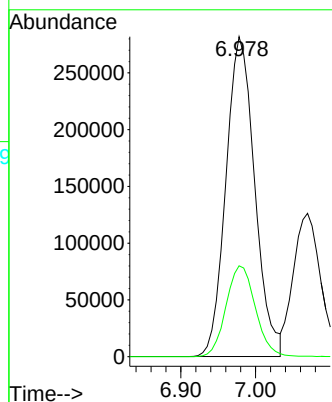
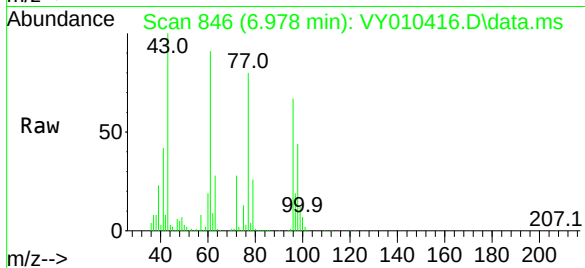
VSTDIC150

Tgt Ion: 43 Resp: 756219

Ion Ratio Lower Upper

43 100

72 28.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 137.823 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010416.D

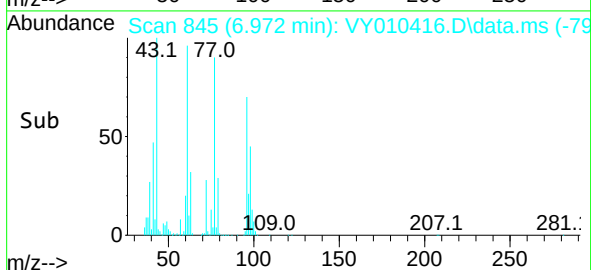
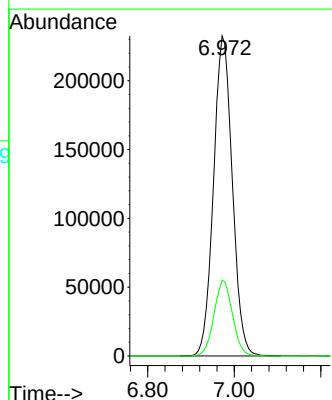
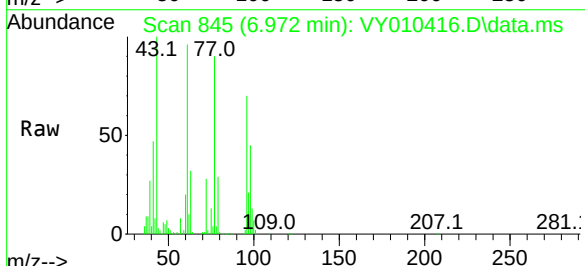
Acq: 09 Sep 2022 14:02

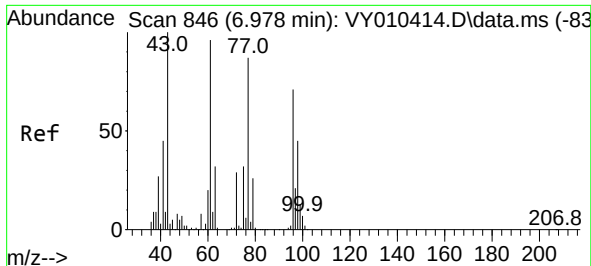
Tgt Ion: 77 Resp: 700873

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4

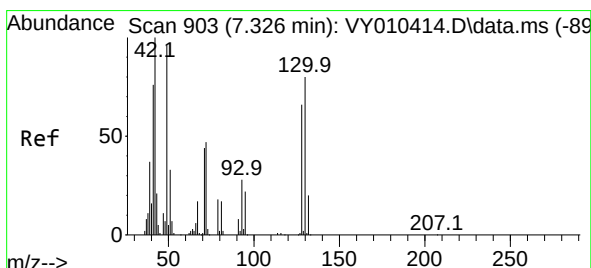
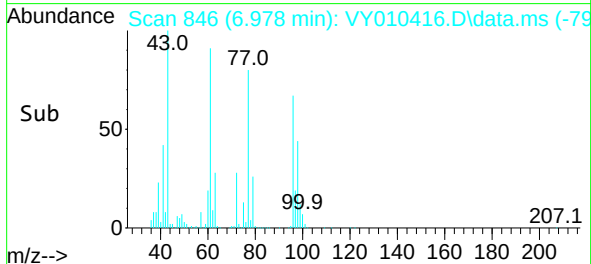
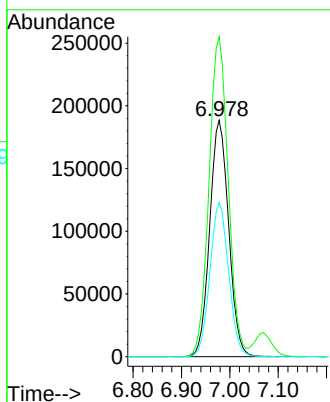
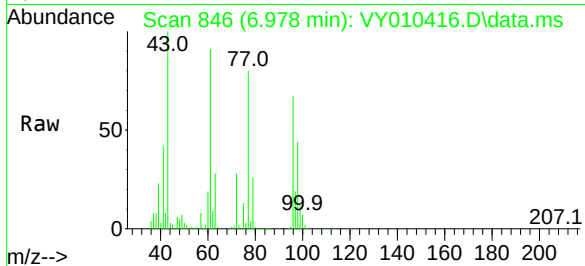




#27
 cis-1,2-Dichloroethene
 Concen: 141.783 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

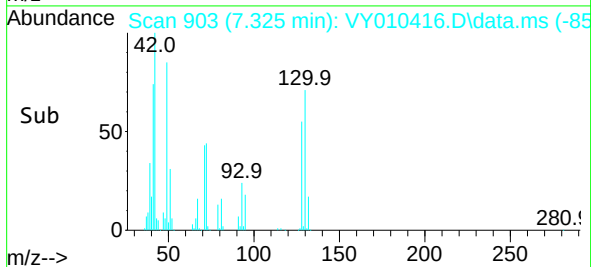
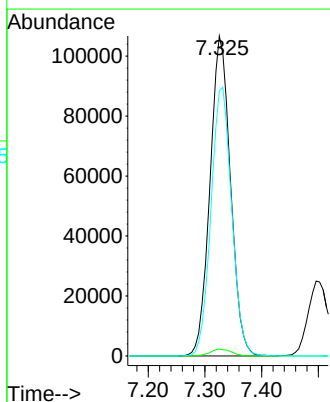
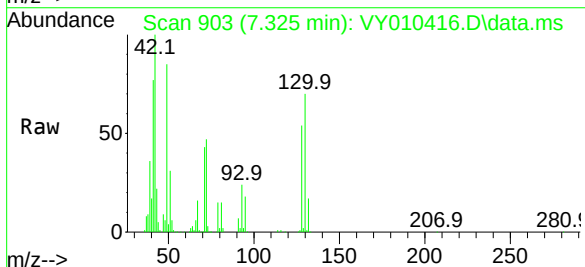
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

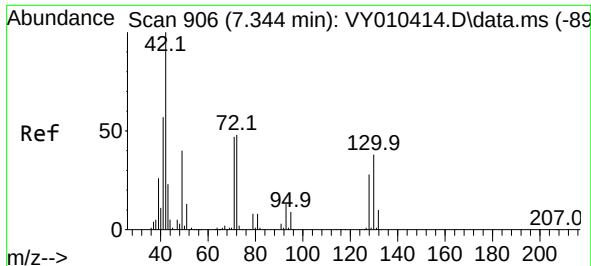
Tgt Ion: 96 Resp: 512392
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 319.8
 98 64.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 156.654 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

Tgt Ion: 49 Resp: 267665
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2#
 130 84.8 55.4 83.0#





#29

Tetrahydrofuran

Concen: 755.964 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

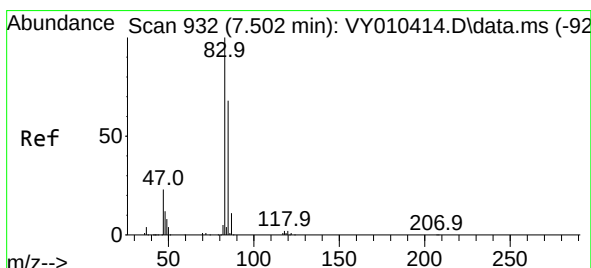
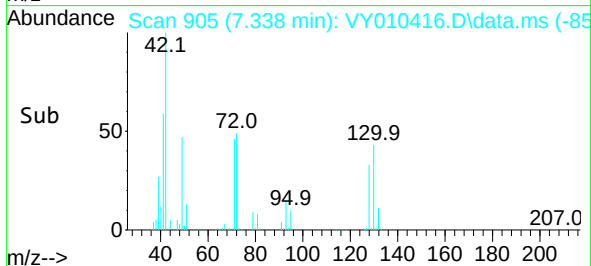
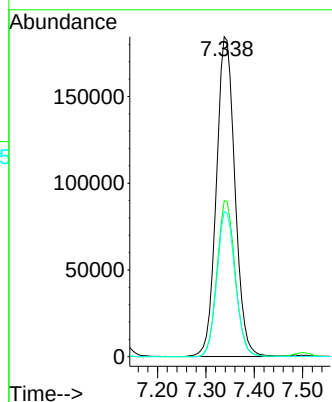
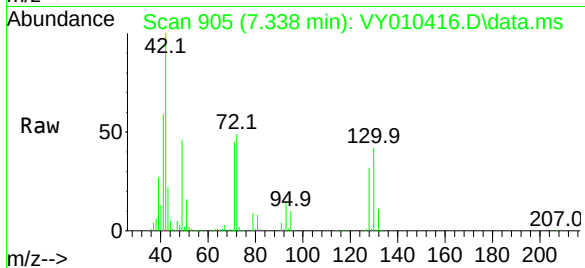
Tgt Ion: 42 Resp: 492071

Ion Ratio Lower Upper

42 100

72 47.8 30.3 45.5#

71 44.9 29.0 43.4#



#30

Chloroform

Concen: 141.940 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY010416.D

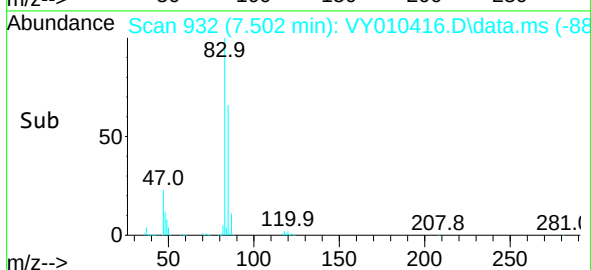
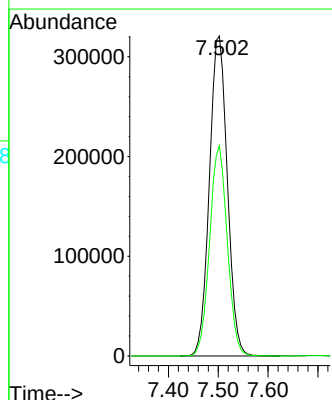
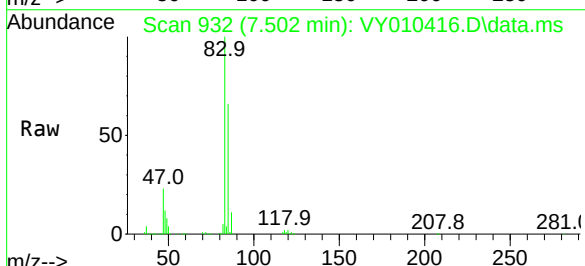
Acq: 09 Sep 2022 14:02

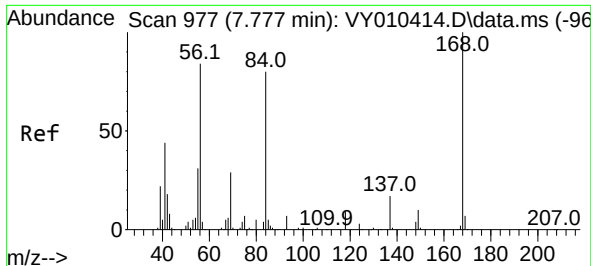
Tgt Ion: 83 Resp: 802362

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6

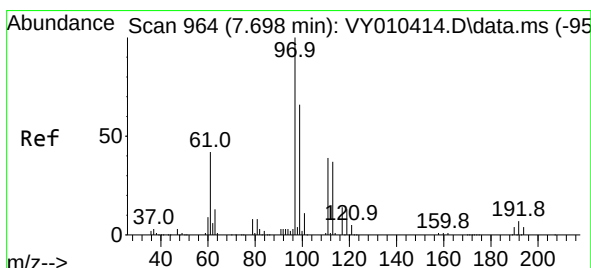
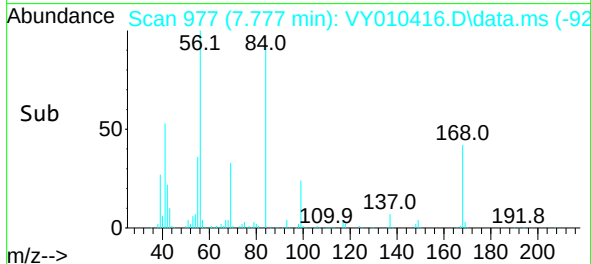
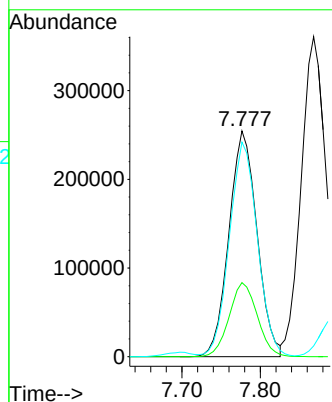
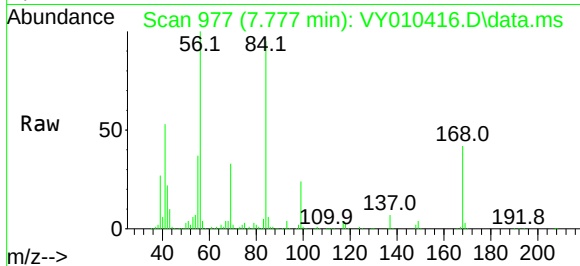




#31
Cyclohexane
Concen: 131.343 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

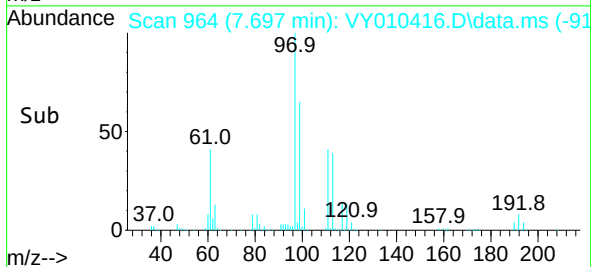
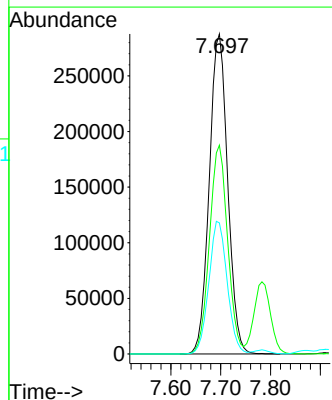
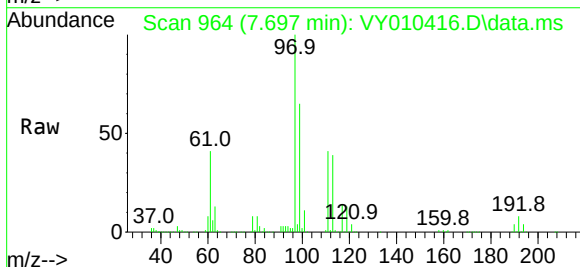
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

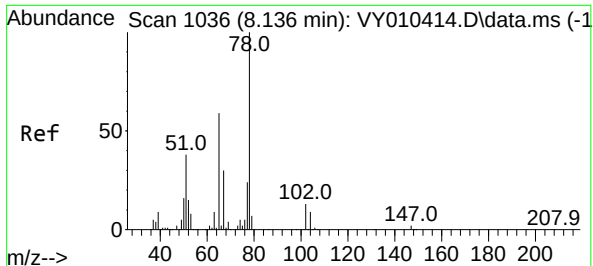
Tgt Ion: 56 Resp: 634519
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 93.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 143.834 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 97 Resp: 736233
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 41.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 144.874 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

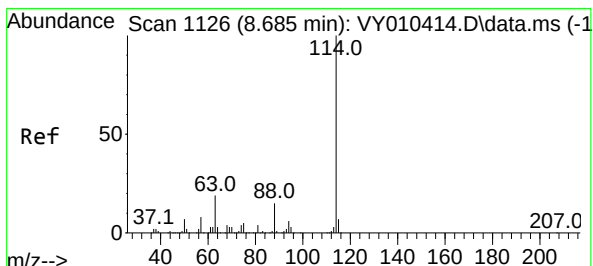
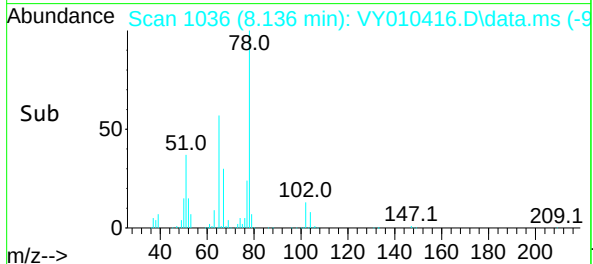
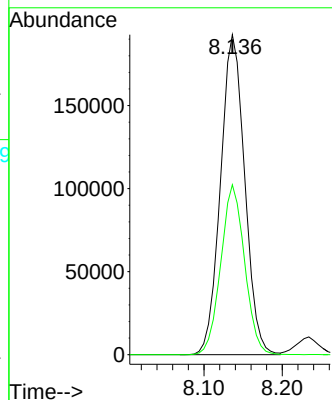
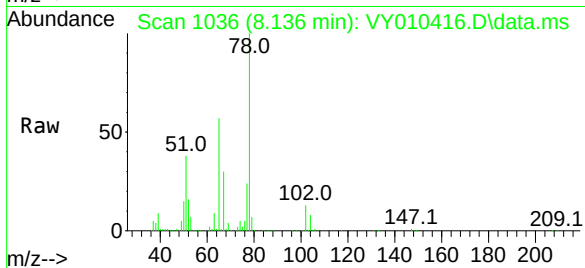
VSTDIC150

Tgt Ion: 65 Resp: 414290

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

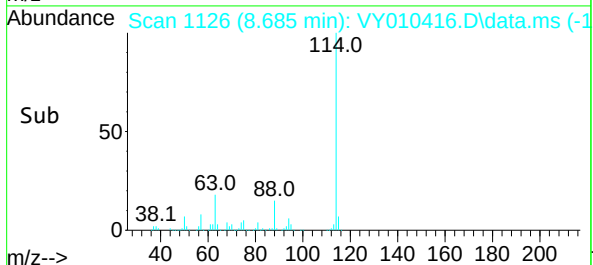
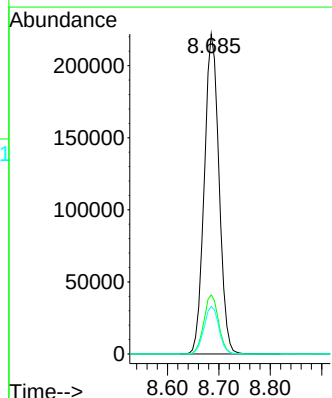
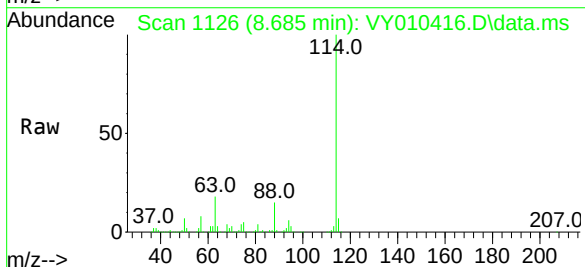
Tgt Ion: 114 Resp: 440124

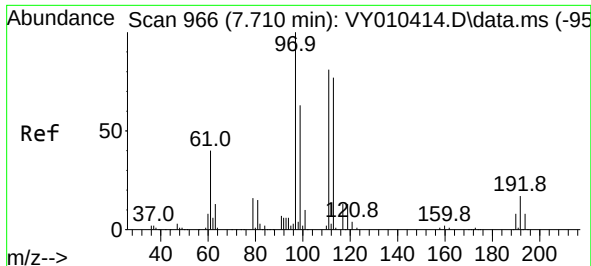
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.9 0.0 31.8

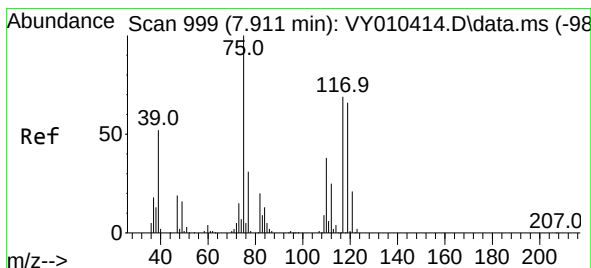
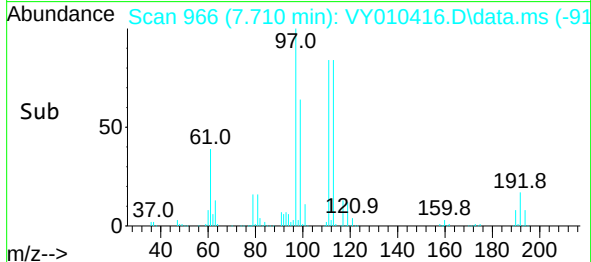
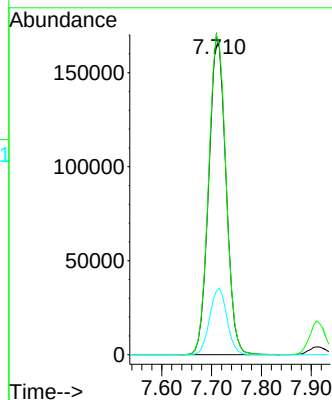
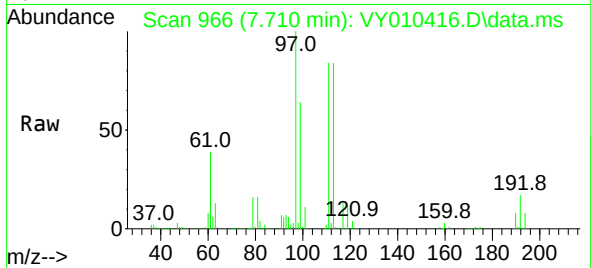




#35
 Dibromofluoromethane
 Concen: 129.931 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

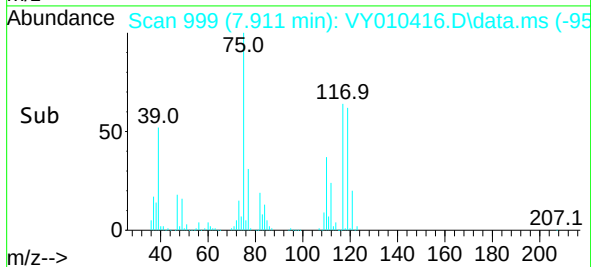
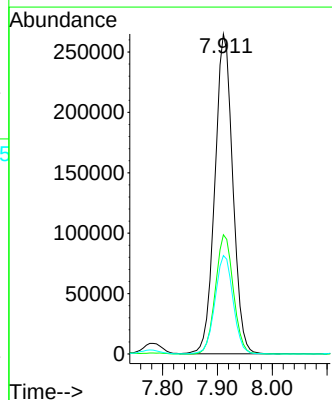
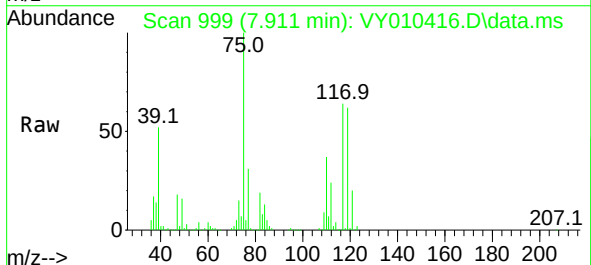
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

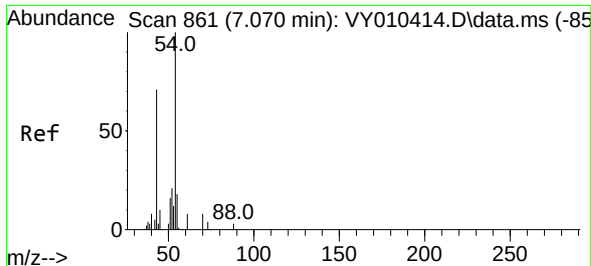
Tgt Ion:113 Resp: 406137
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 124.0
 192 21.0 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 140.425 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

Tgt Ion: 75 Resp: 600909
 Ion Ratio Lower Upper
 75 100
 110 37.2 17.1 51.2
 77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 147.192 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

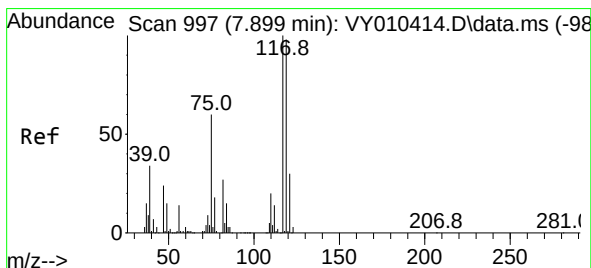
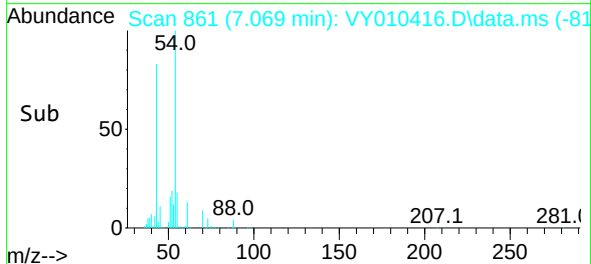
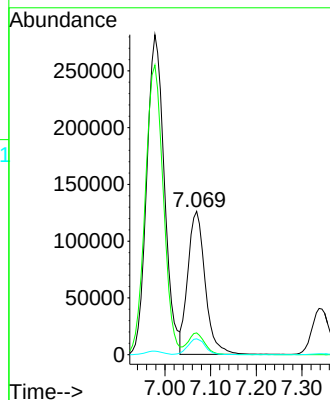
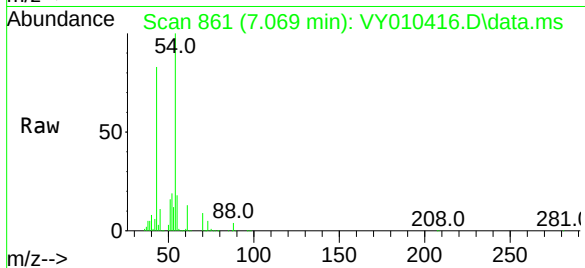
Tgt Ion: 43 Resp: 331117

Ion Ratio Lower Upper

43 100

61 14.4 9.7 14.5

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 141.686 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

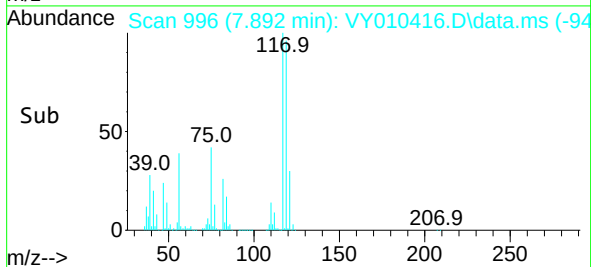
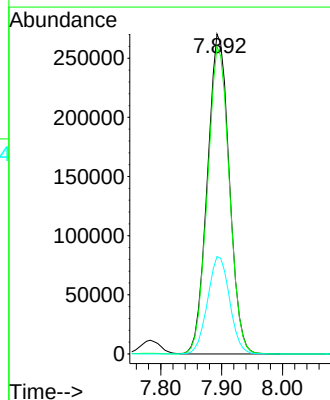
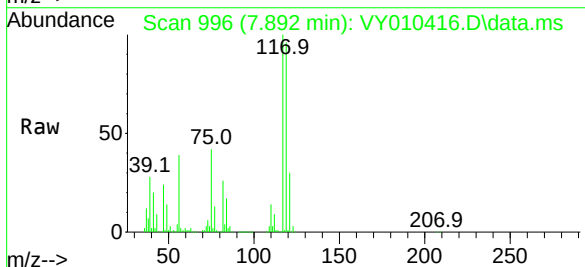
Tgt Ion: 117 Resp: 674533

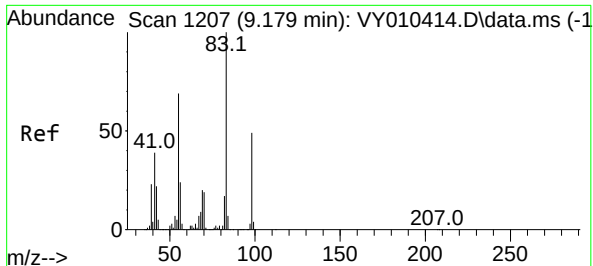
Ion Ratio Lower Upper

117 100

119 96.0 77.9 116.9

121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 136.773 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

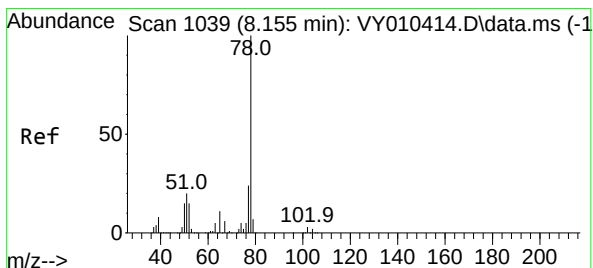
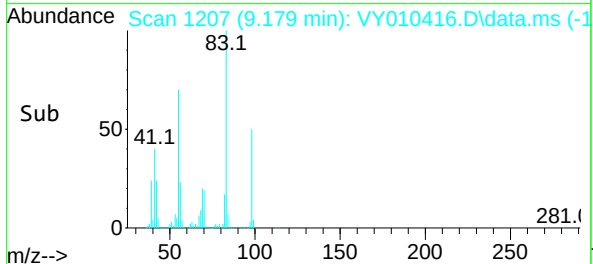
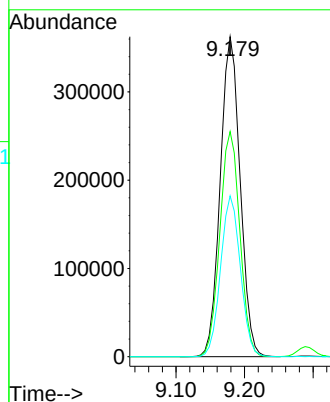
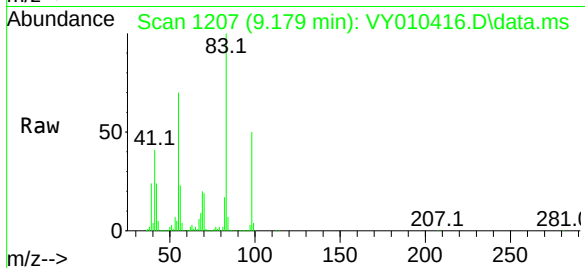
Tgt Ion: 83 Resp: 729777

Ion Ratio Lower Upper

83 100

55 70.3 66.5 99.7

98 50.2 37.9 56.9



#40

Benzene

Concen: 141.283 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010416.D

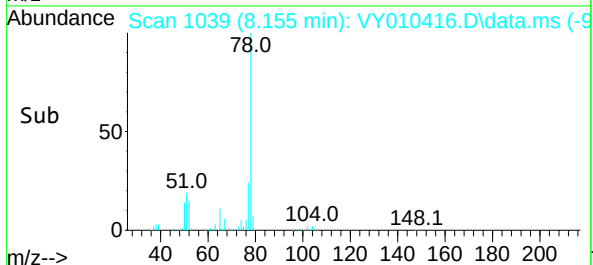
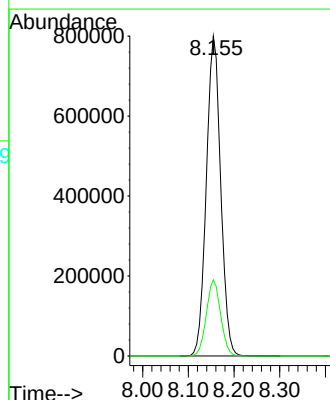
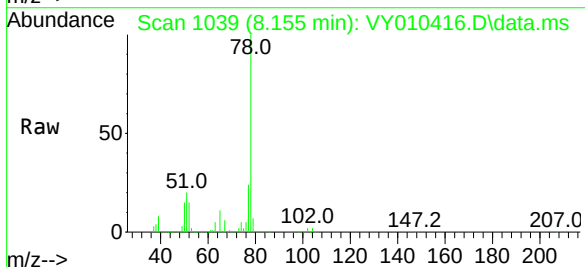
Acq: 09 Sep 2022 14:02

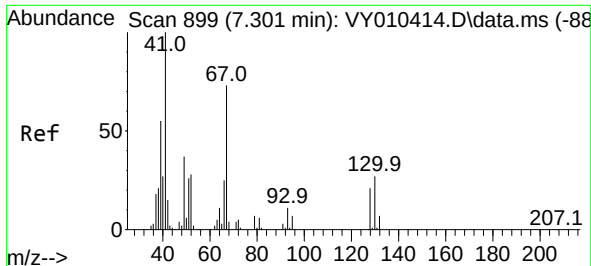
Tgt Ion: 78 Resp: 1740402

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

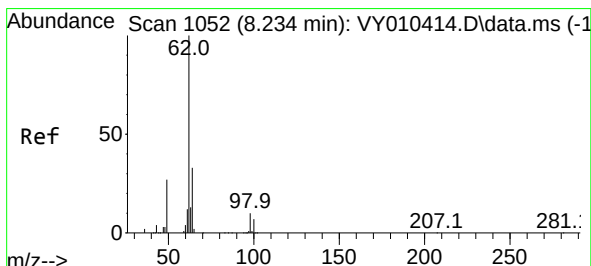
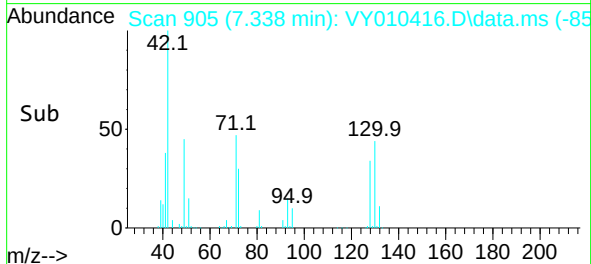
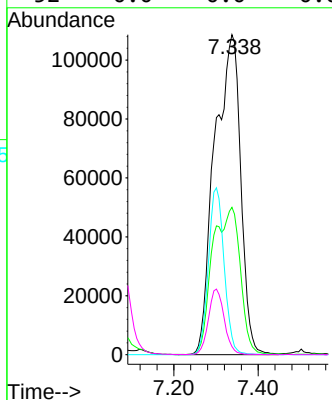
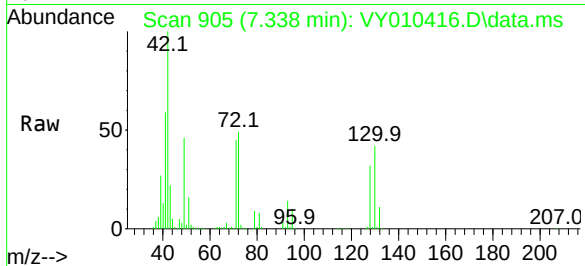




#41
Methacrylonitrile
Concen: 379.464 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.036 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

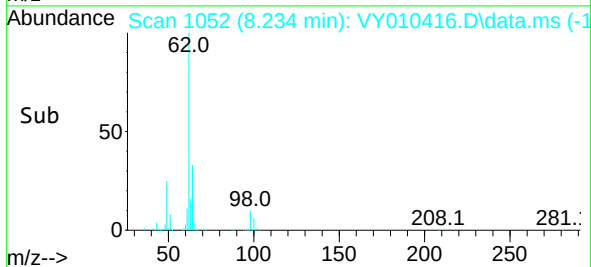
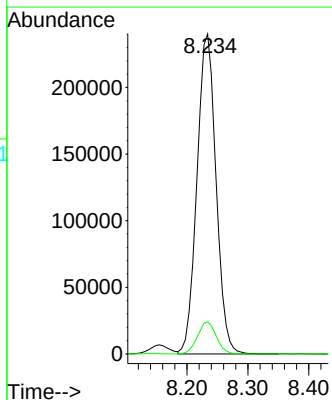
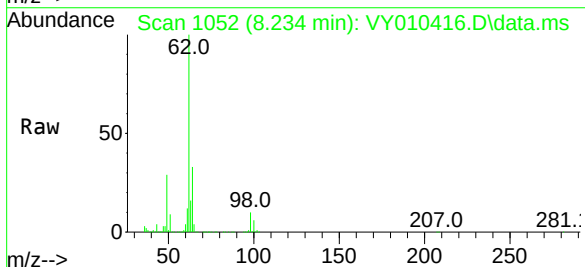
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

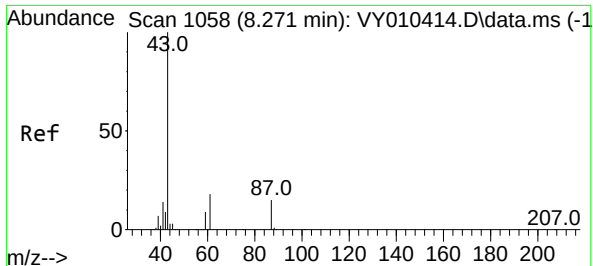
Tgt Ion: 41 Resp: 463000
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 142.417 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 62 Resp: 521702
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 155.163 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

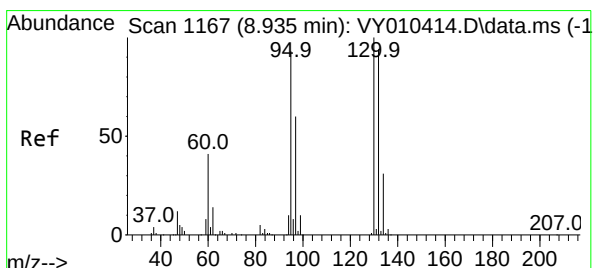
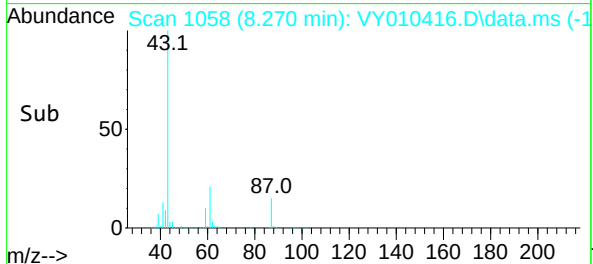
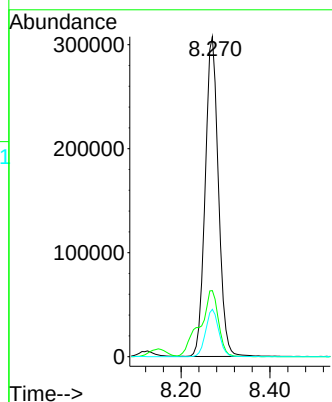
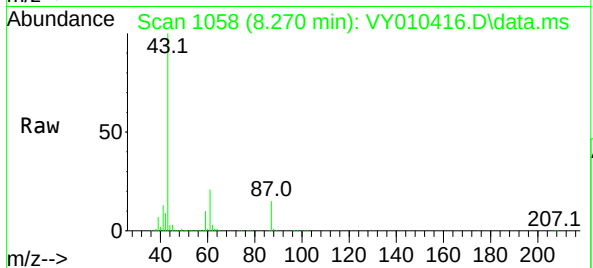
Tgt Ion: 43 Resp: 638780

Ion Ratio Lower Upper

43 100

61 29.1 20.2 30.2

87 14.7 8.9 13.3#



#44

Trichloroethene

Concen: 139.641 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY010416.D

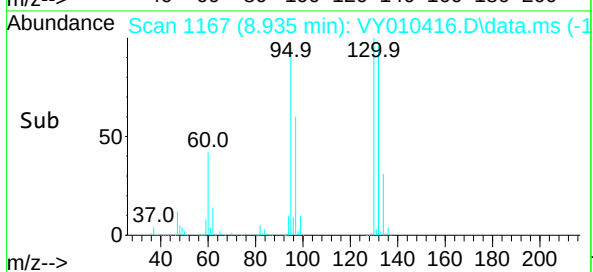
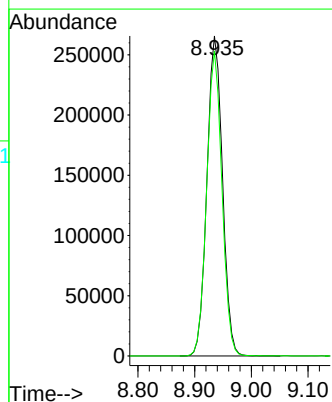
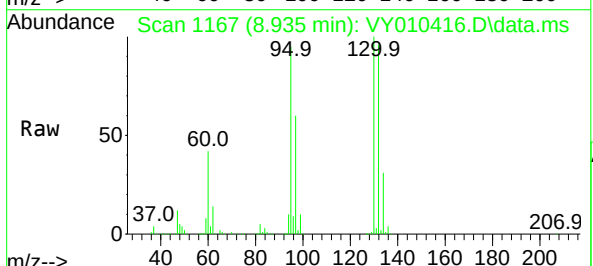
Acq: 09 Sep 2022 14:02

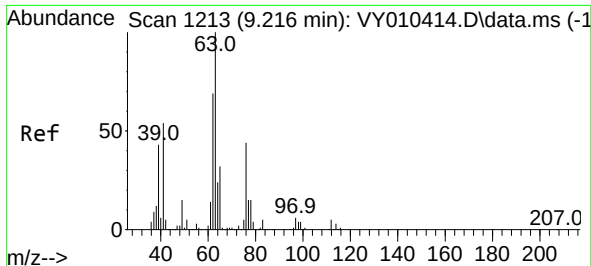
Tgt Ion:130 Resp: 506351

Ion Ratio Lower Upper

130 100

95 95.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 143.636 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

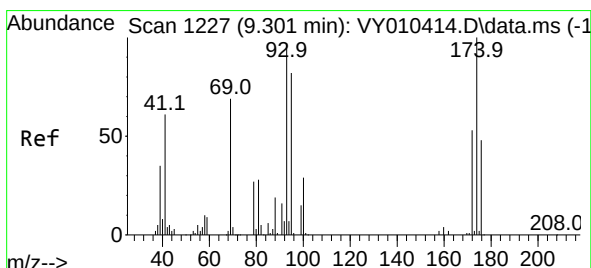
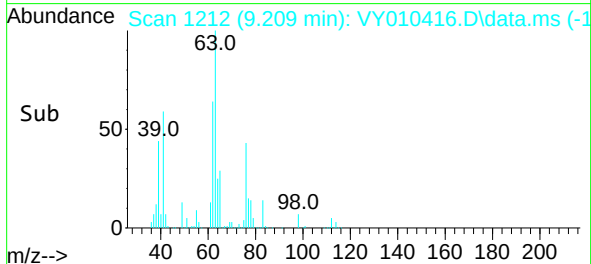
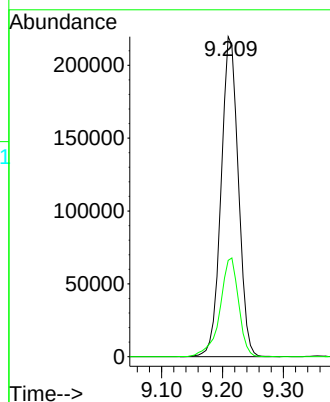
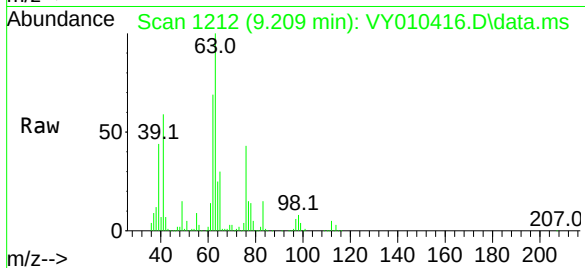
VSTDIC150

Tgt Ion: 63 Resp: 431530

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.6



#46

Dibromomethane

Concen: 143.126 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

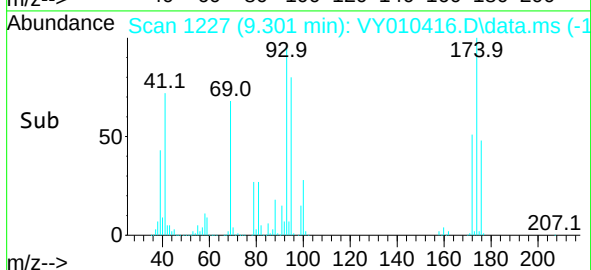
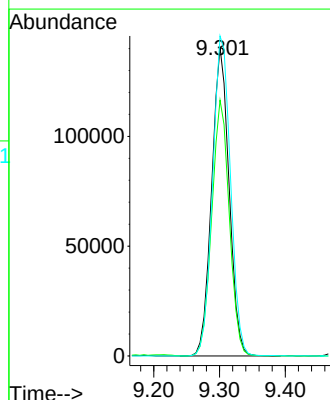
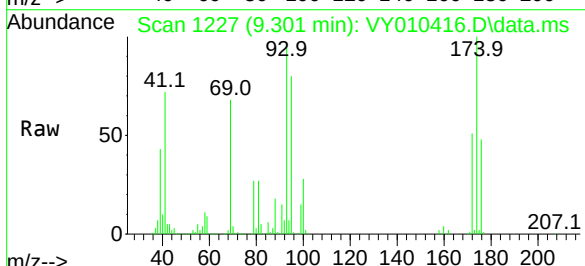
Tgt Ion: 93 Resp: 259309

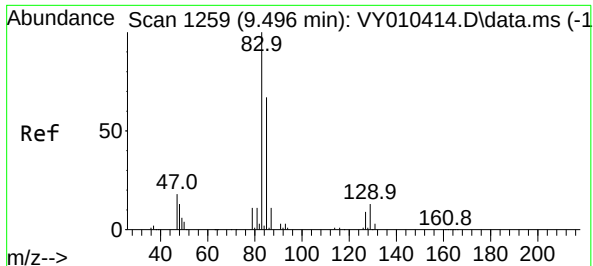
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 106.5 83.4 125.0





#47

Bromodichloromethane

Concen: 145.284 ug/l

RT: 9.496 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

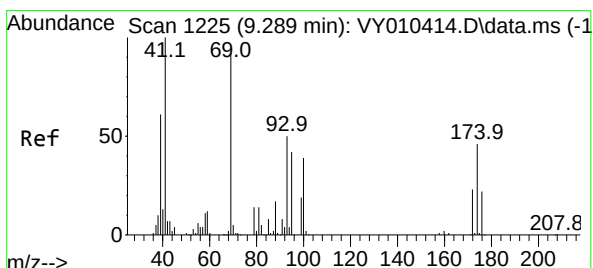
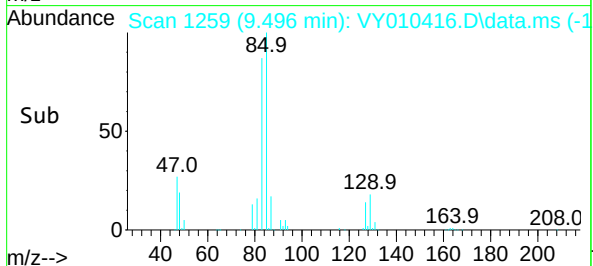
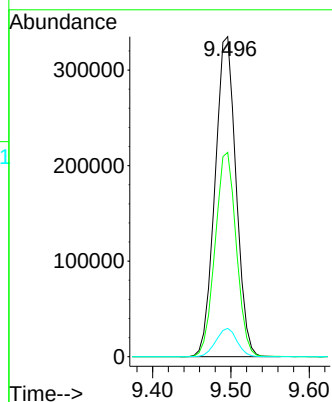
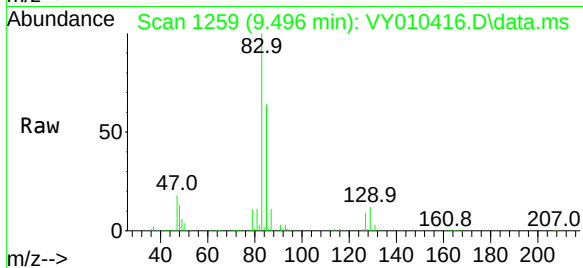
Tgt Ion: 83 Resp: 625211

Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9

127 8.9 6.6 10.0



#48

Methyl methacrylate

Concen: 158.128 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

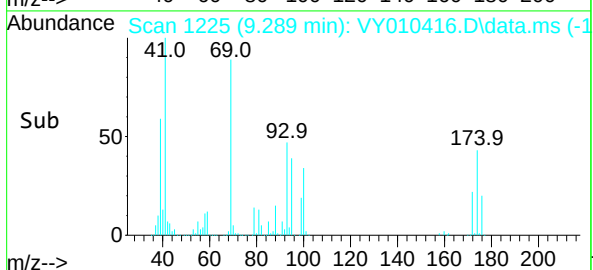
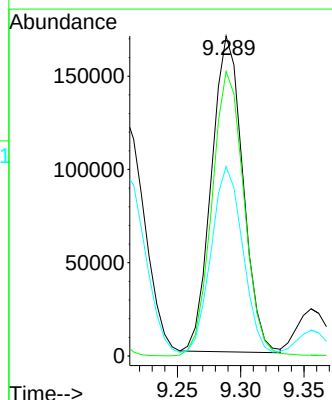
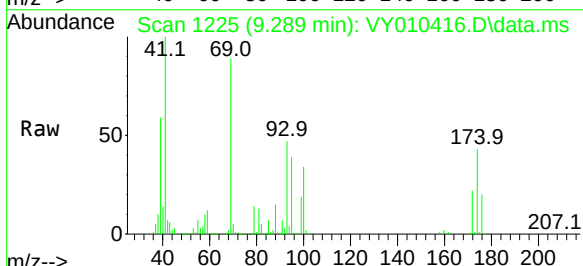
Tgt Ion: 41 Resp: 292371

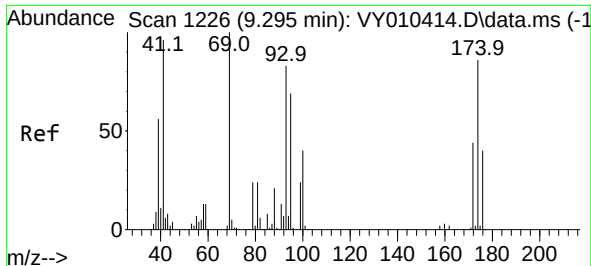
Ion Ratio Lower Upper

41 100

69 92.2 58.2 87.2#

39 61.2 47.4 71.0





#49

1,4-Dioxane

Concen: 3030.775 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010416.D

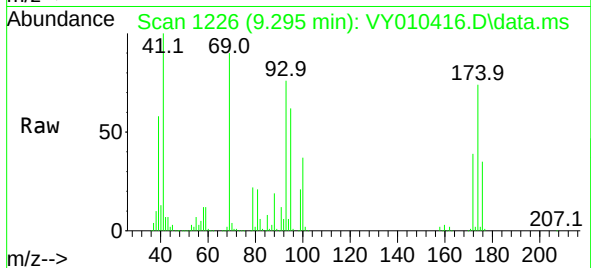
Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



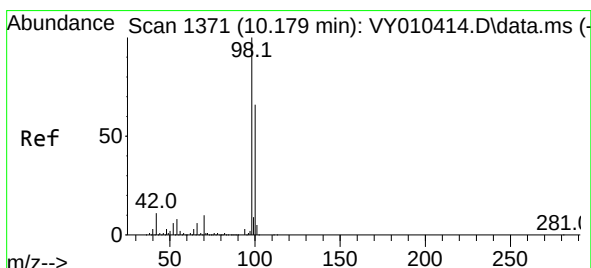
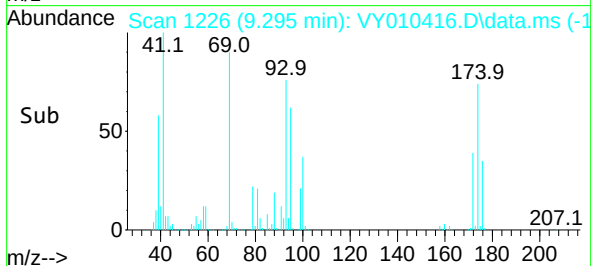
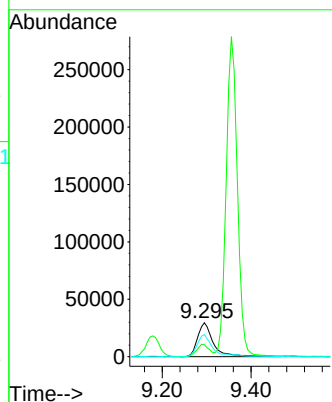
Tgt Ion: 88 Resp: 72687

Ion Ratio Lower Upper

88 100

43 29.3 32.8 49.2#

58 67.2 59.8 89.6



#50

Toluene-d8

Concen: 150.491 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010416.D

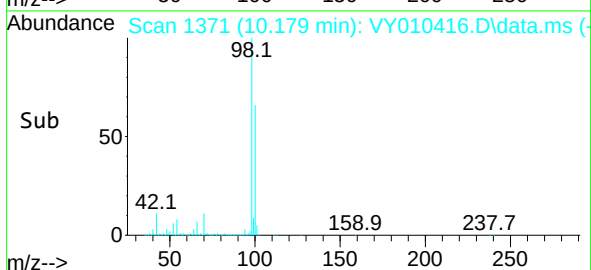
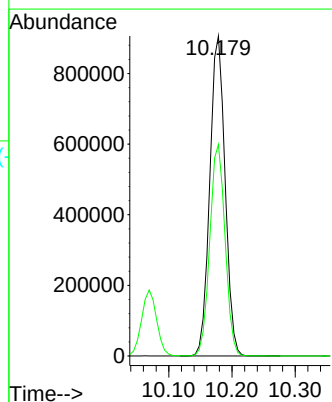
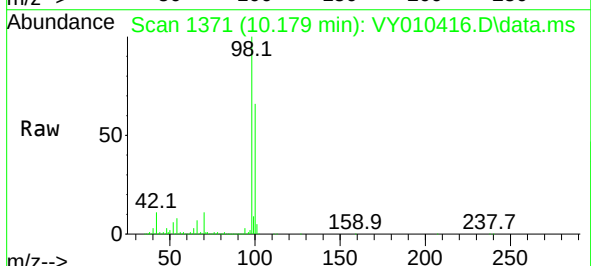
Acq: 09 Sep 2022 14:02

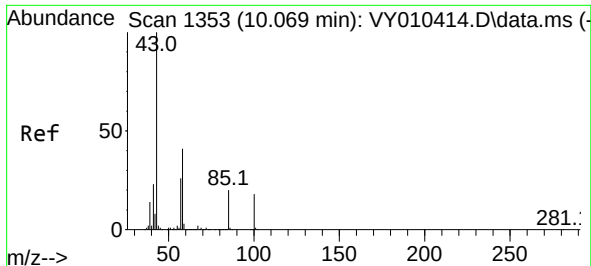
Tgt Ion: 98 Resp: 1524551

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

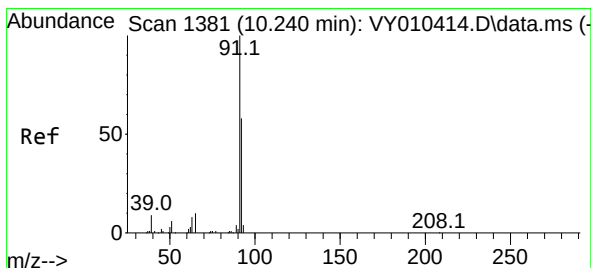
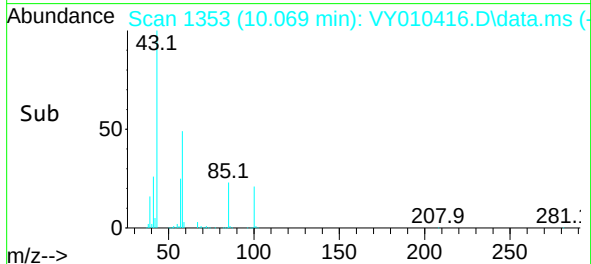
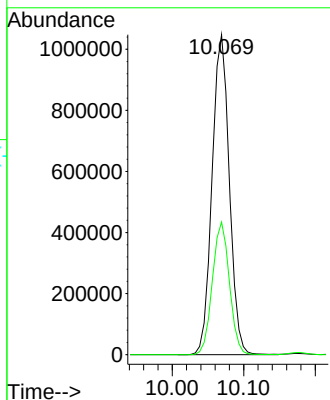
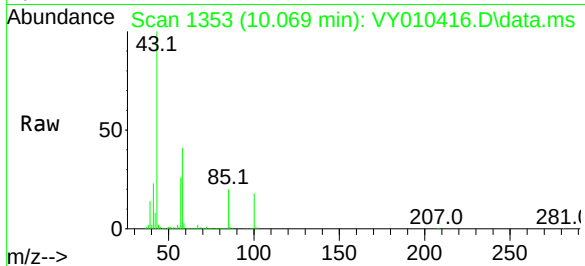




#51
4-Methyl-2-Pentanone
Concen: 776.102 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

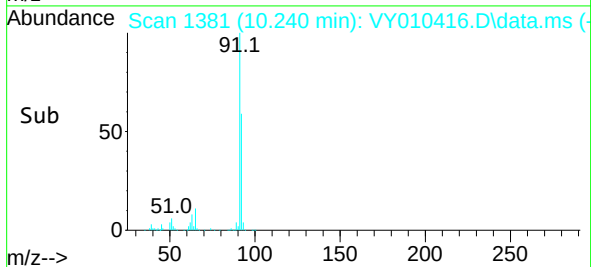
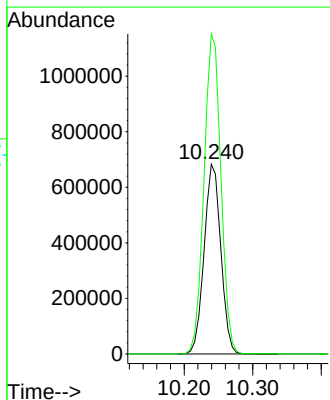
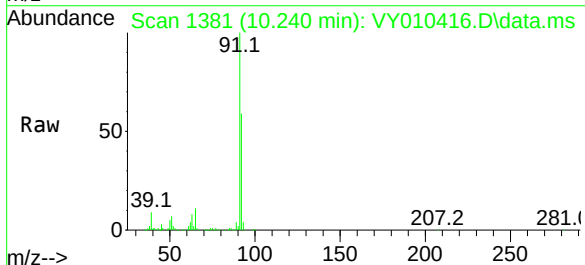
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

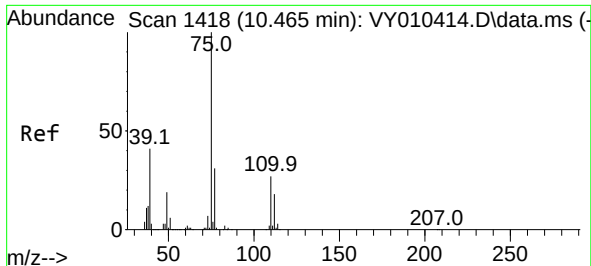
Tgt Ion: 43 Resp: 1752547
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1



#52
Toluene
Concen: 143.693 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 92 Resp: 1158327
Ion Ratio Lower Upper
92 100
91 170.8 142.6 213.8

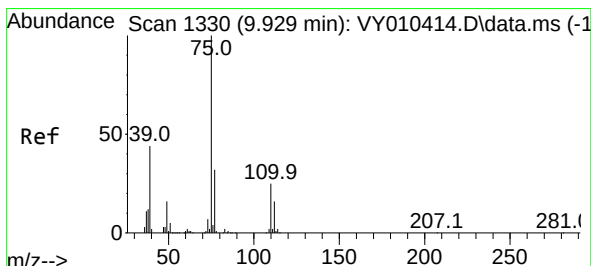
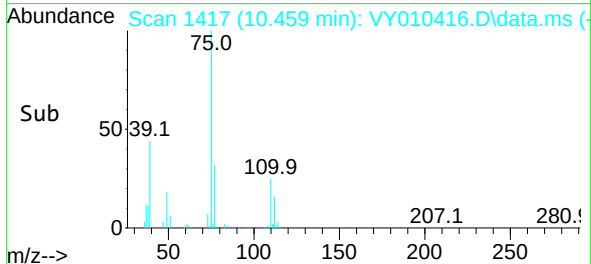
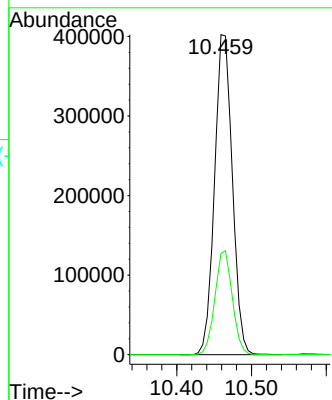
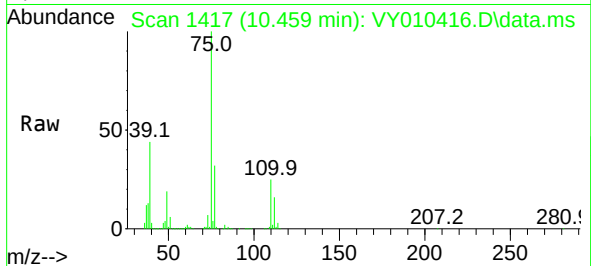




#53
t-1,3-Dichloropropene
Concen: 150.440 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

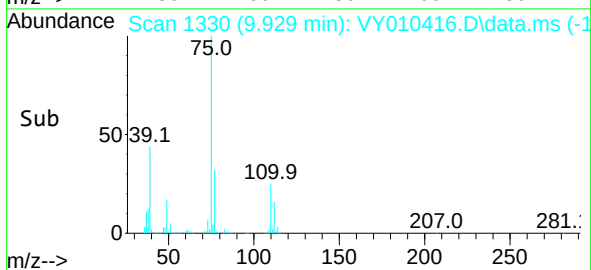
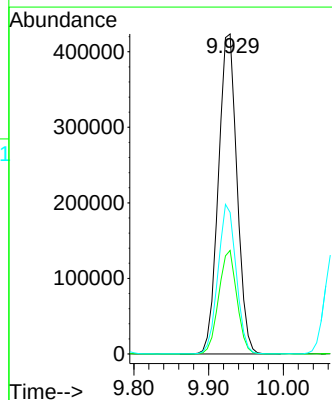
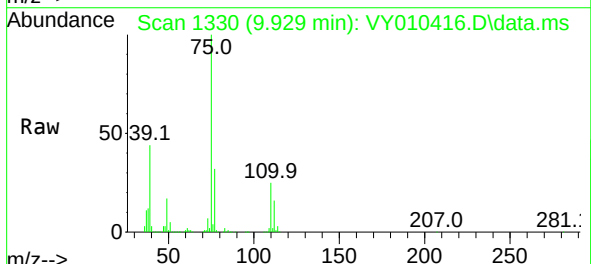
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

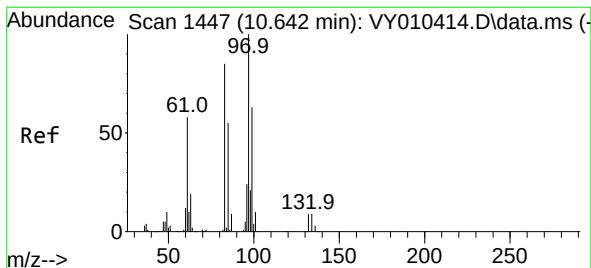
Tgt Ion: 75 Resp: 666243
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 147.007 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 75 Resp: 734314
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 44.2 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 141.448 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 364538

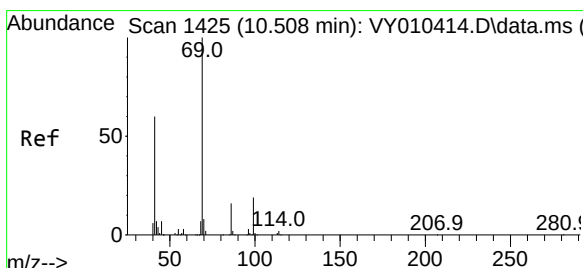
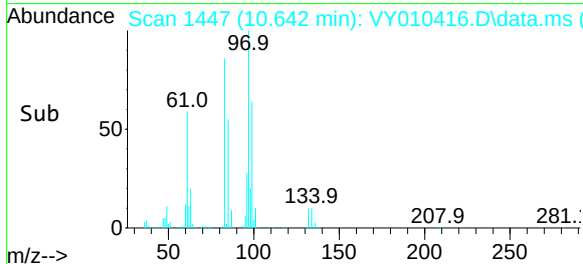
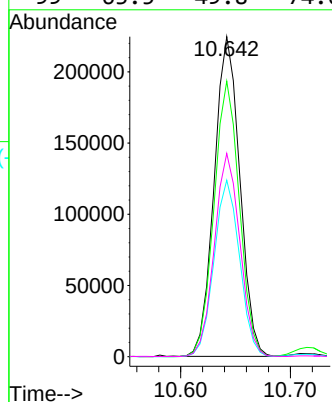
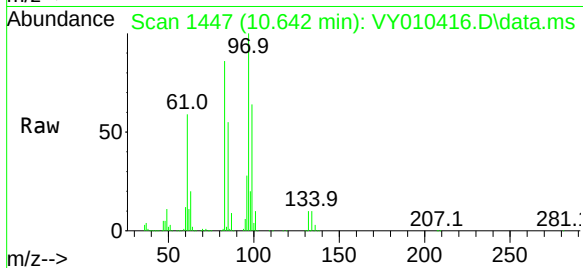
Ion Ratio Lower Upper

97 100

83 86.1 69.8 104.8

85 55.2 44.3 66.5

99 63.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 156.090 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

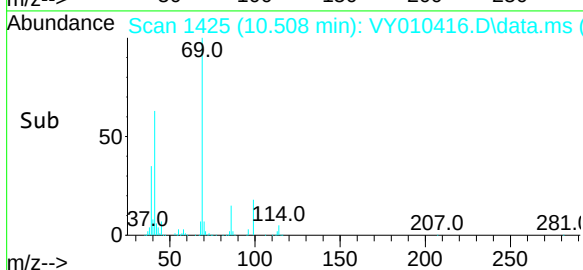
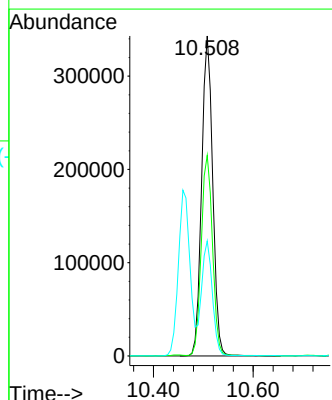
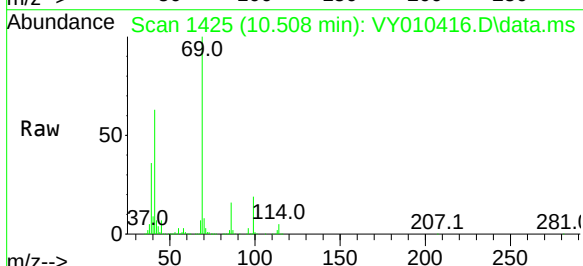
Tgt Ion: 69 Resp: 528303

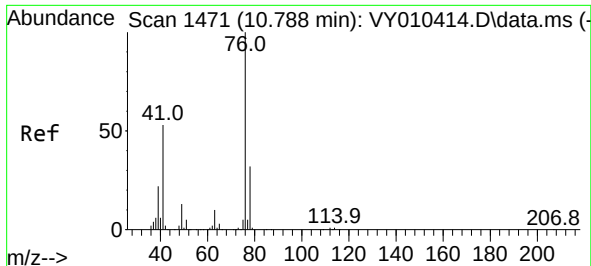
Ion Ratio Lower Upper

69 100

41 63.3 63.4 95.0#

39 35.7 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 144.197 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

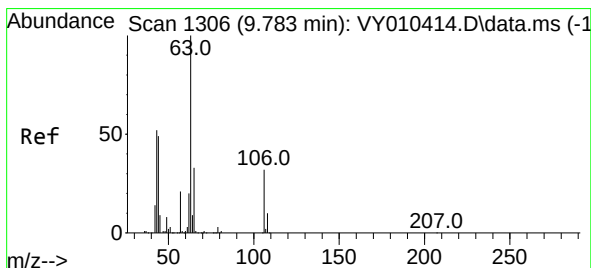
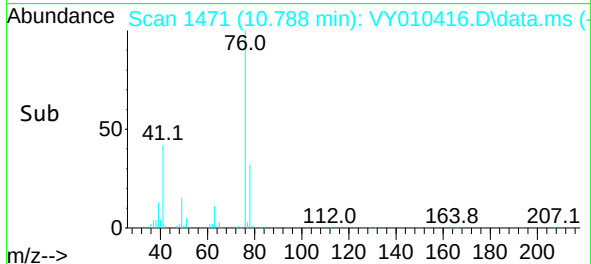
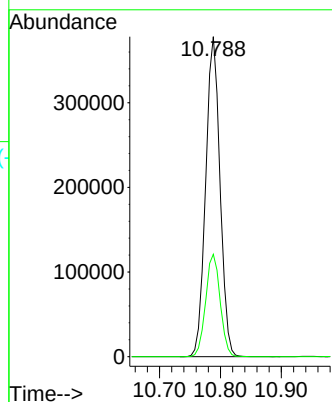
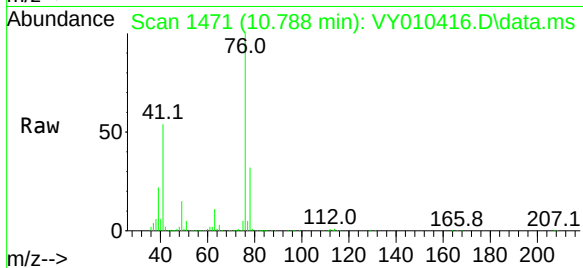
VSTDIC150

Tgt Ion: 76 Resp: 617923

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 560.505 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY010416.D

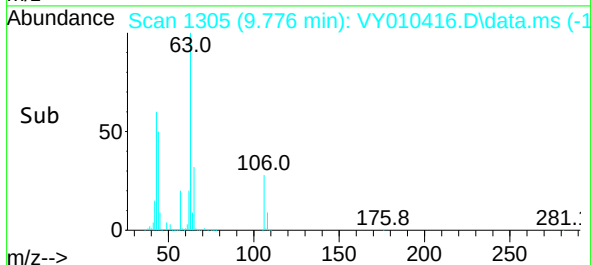
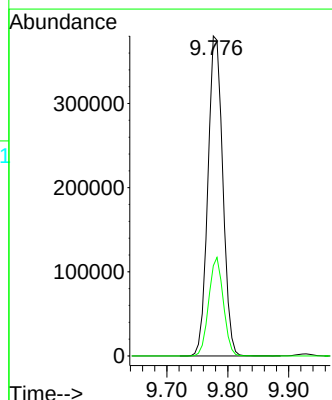
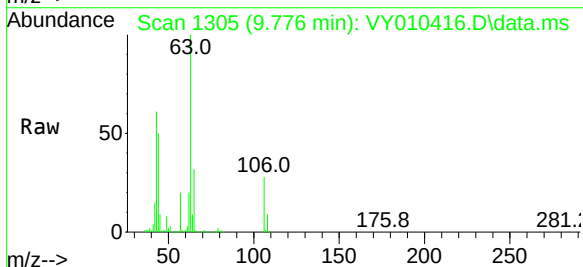
Acq: 09 Sep 2022 14:02

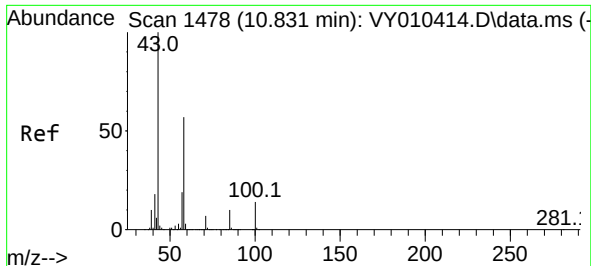
Tgt Ion: 63 Resp: 645362

Ion Ratio Lower Upper

63 100

106 30.1 21.5 32.3

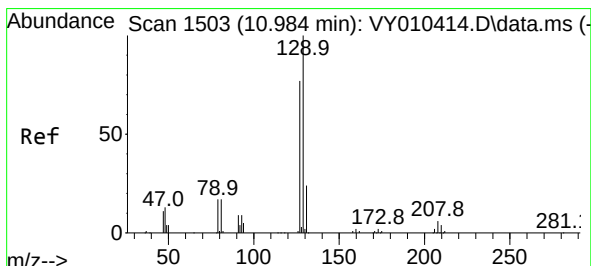
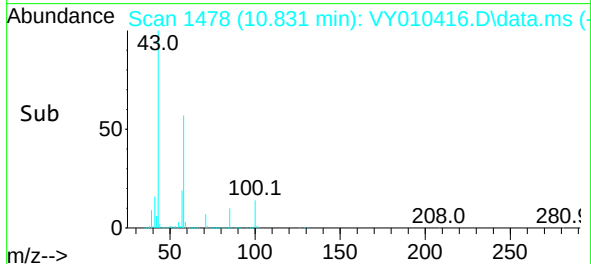
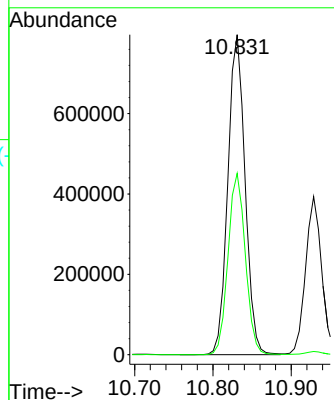
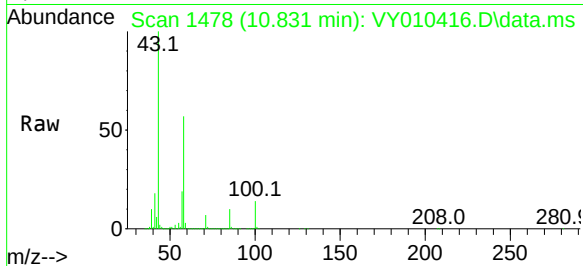




#59
2-Hexanone
Concen: 790.382 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

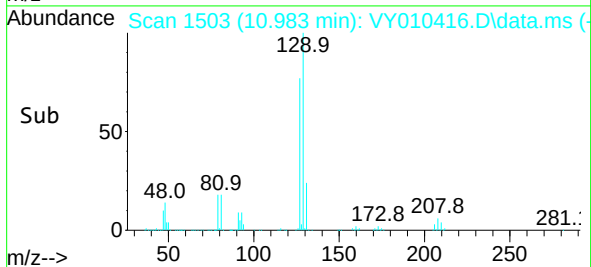
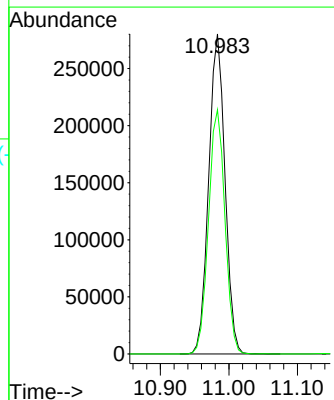
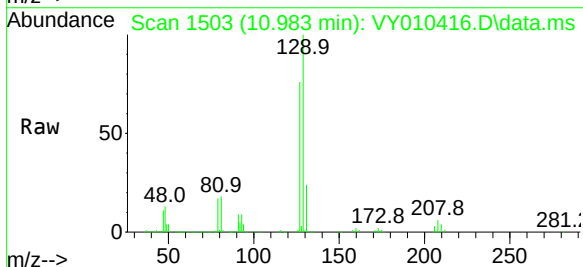
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

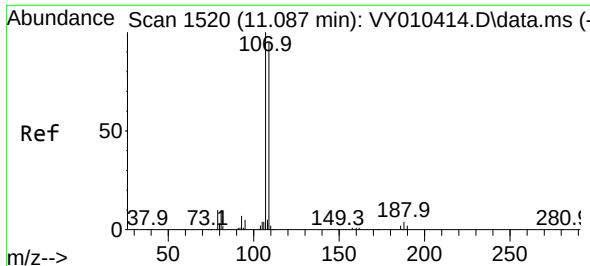
Tgt Ion: 43 Resp: 1216614
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4



#60
Dibromochloromethane
Concen: 147.198 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 129 Resp: 463582
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

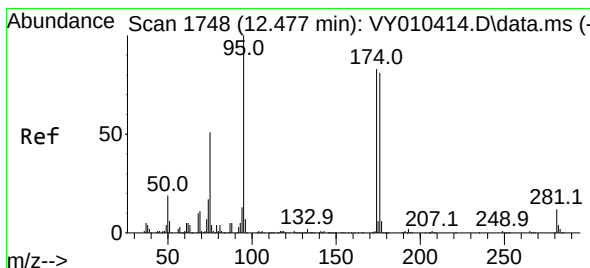
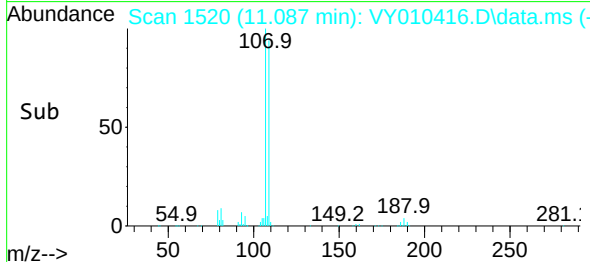
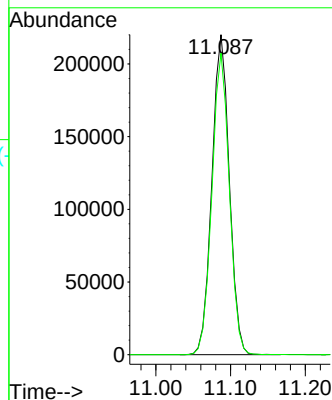
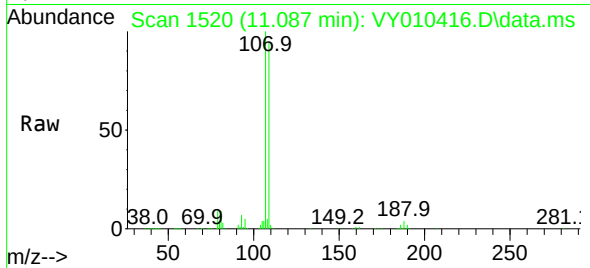




#61
1,2-Dibromoethane
Concen: 142.433 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

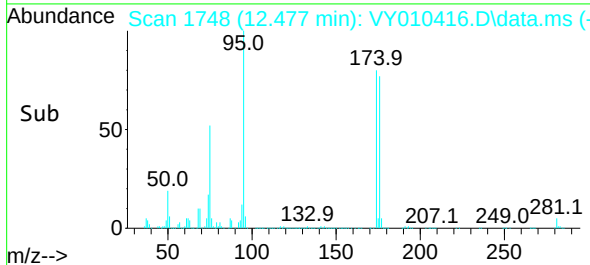
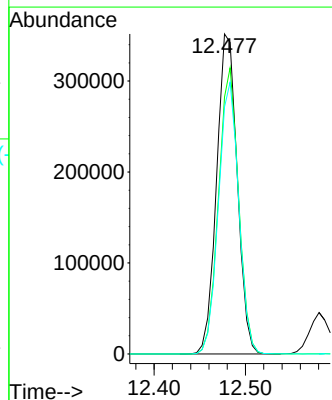
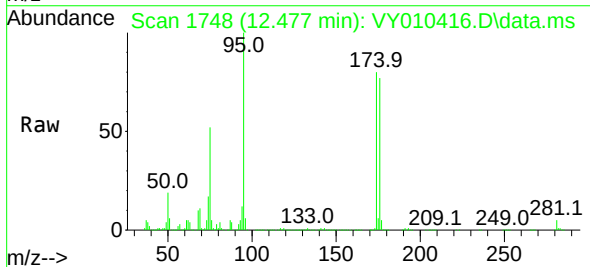
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

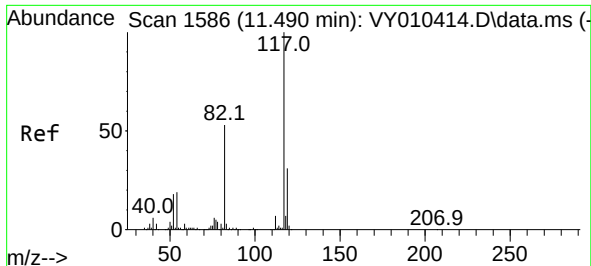
Tgt Ion:107 Resp: 356337
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 118.390 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 95 Resp: 550366
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 83.7 0.0 175.8

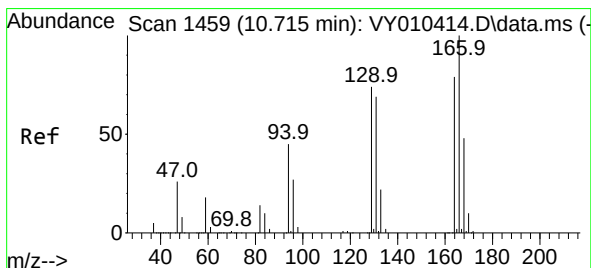
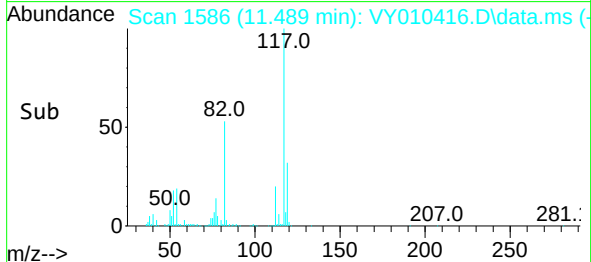
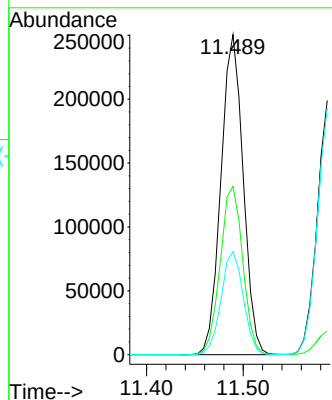
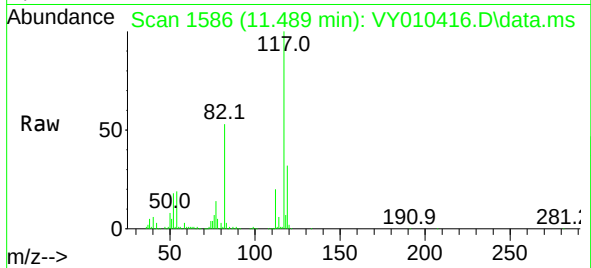




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

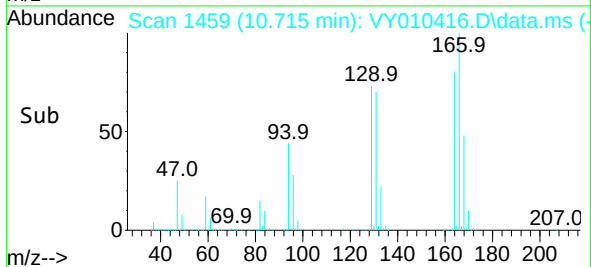
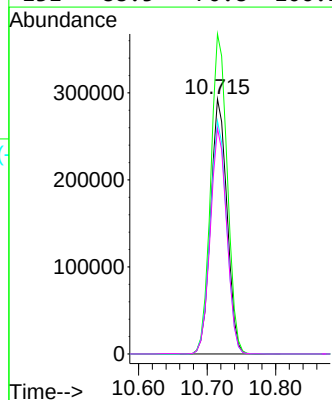
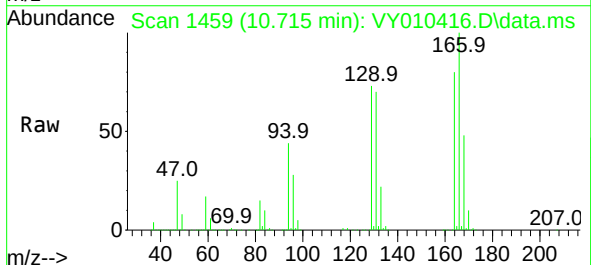
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

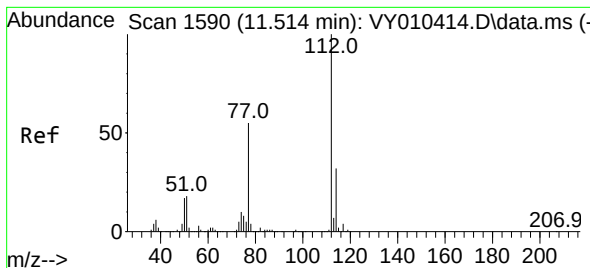
Tgt Ion:117 Resp: 399217
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 134.694 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion:164 Resp: 484671
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 91.4 71.4 107.0
131 88.5 70.8 106.2

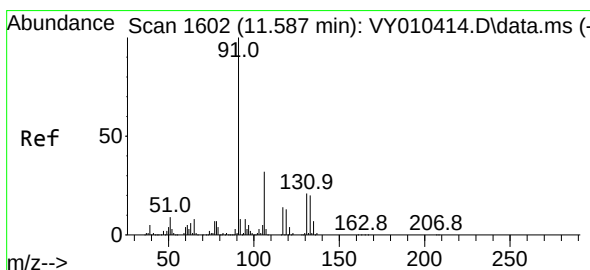
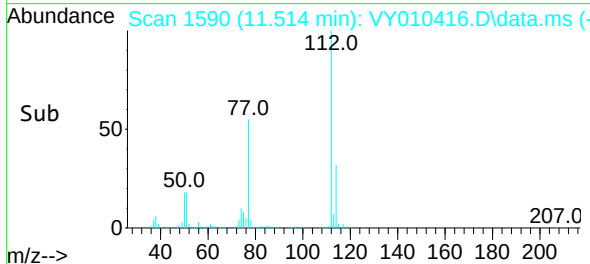
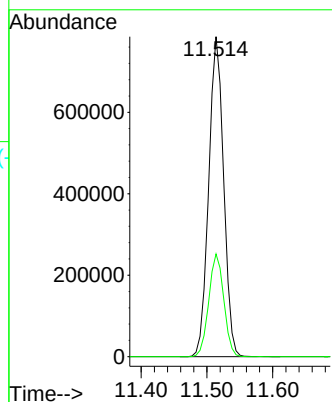
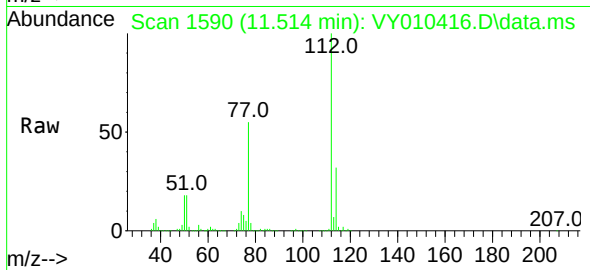




#65
Chlorobenzene
Concen: 138.908 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

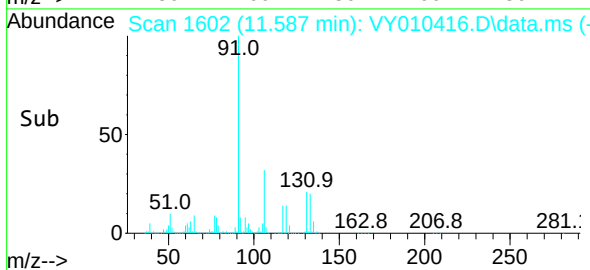
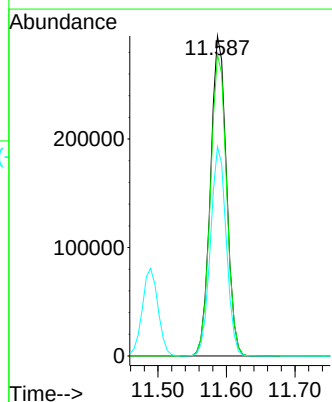
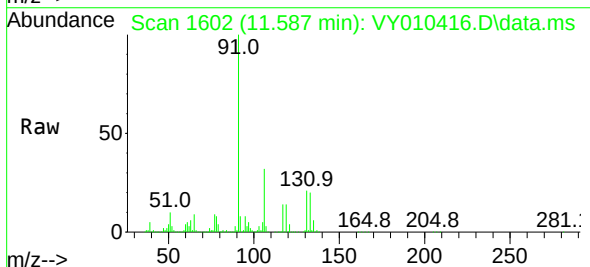
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

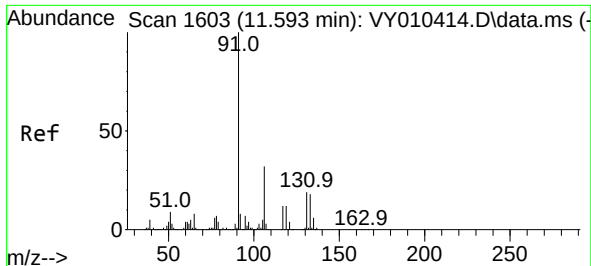
Tgt Ion:112 Resp: 1240129
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 144.342 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion:131 Resp: 477282
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 65.0 30.8 92.3





#67

Ethyl Benzene

Concen: 142.823 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

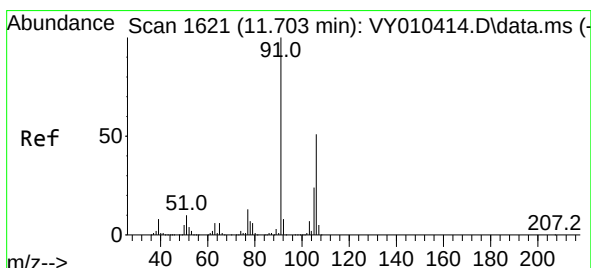
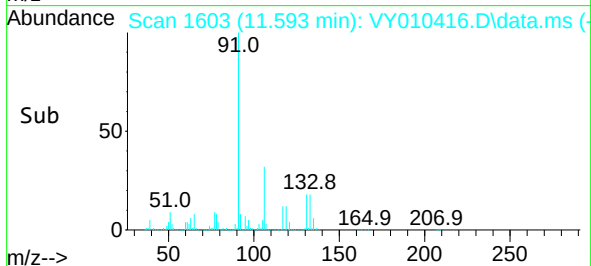
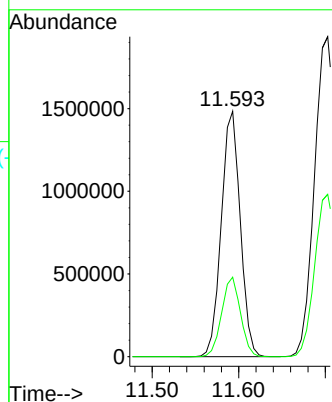
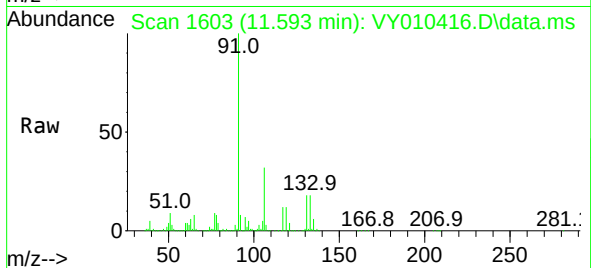
VSTDIC150

Tgt Ion: 91 Resp: 2256754

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 287.783 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010416.D

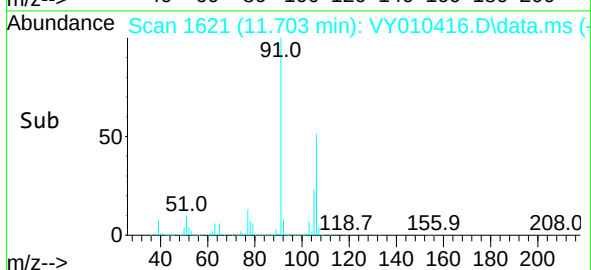
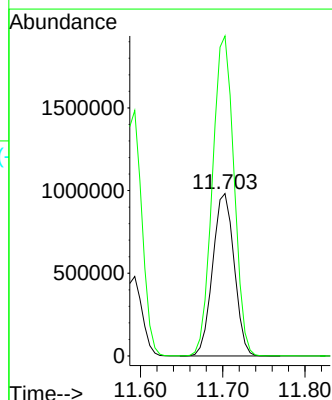
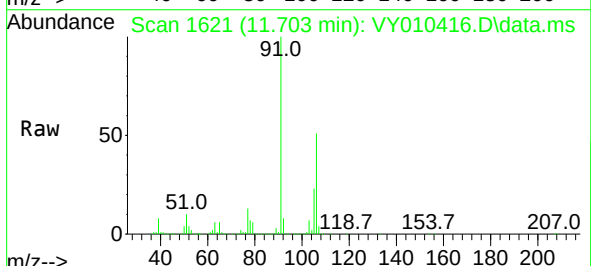
Acq: 09 Sep 2022 14:02

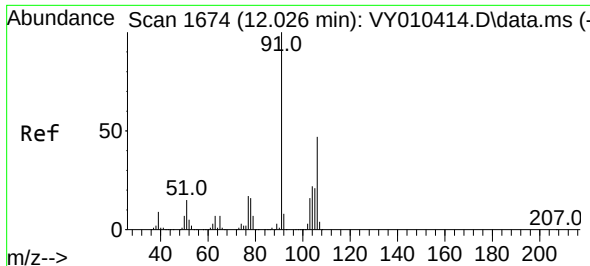
Tgt Ion: 106 Resp: 1785201

Ion Ratio Lower Upper

106 100

91 197.5 166.6 249.8

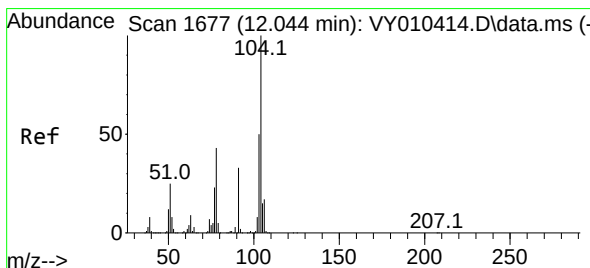
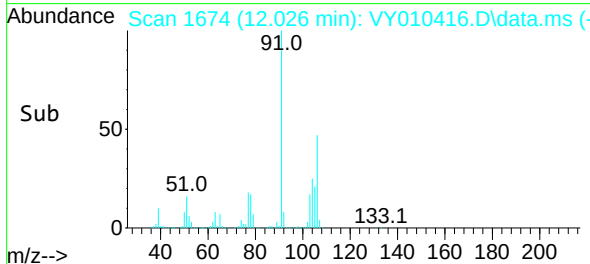
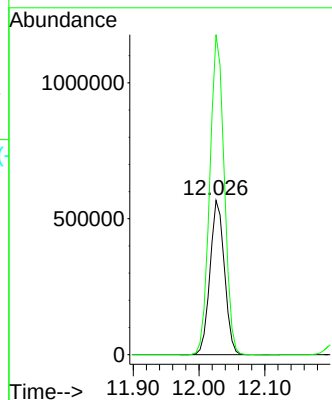
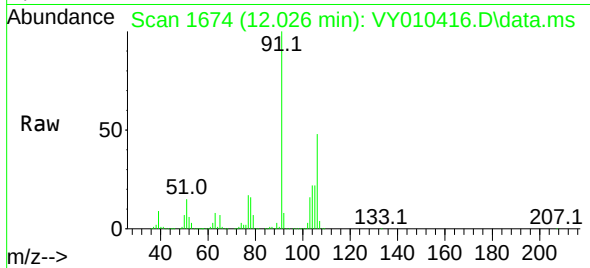




#69
o-Xylene
Concen: 145.950 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

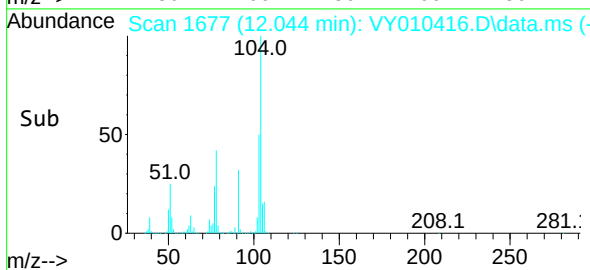
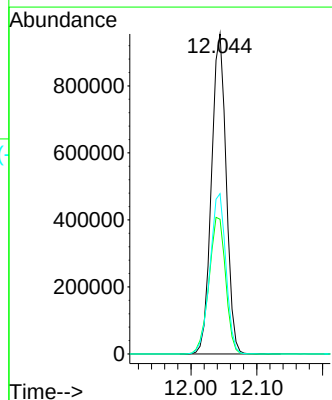
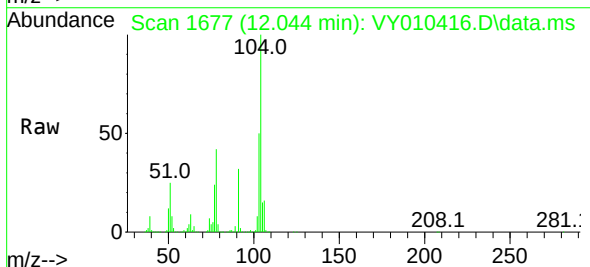
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

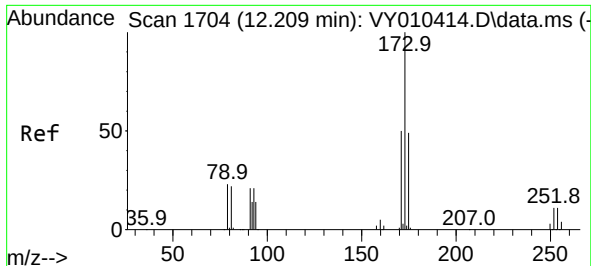
Tgt Ion:106 Resp: 864497
Ion Ratio Lower Upper
106 100
91 208.3 110.3 331.0



#70
Styrene
Concen: 148.461 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion:104 Resp: 1488336
Ion Ratio Lower Upper
104 100
78 48.2 42.4 63.6
103 54.5 44.4 66.6

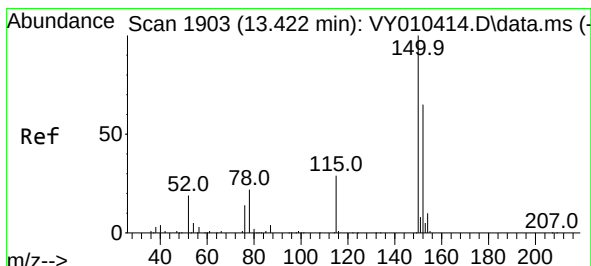
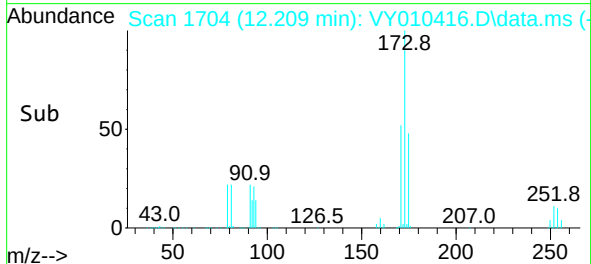
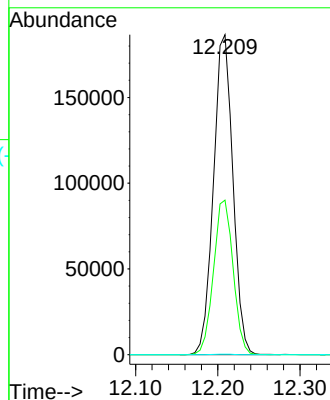
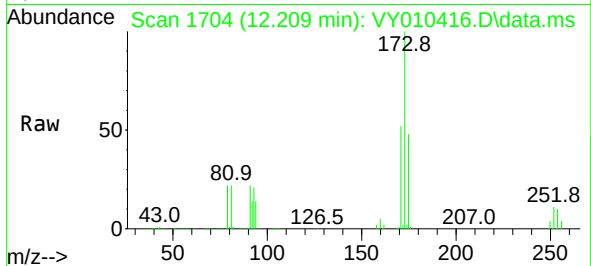




#71
Bromoform
Concen: 148.043 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

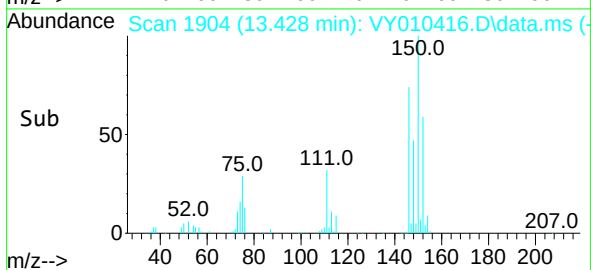
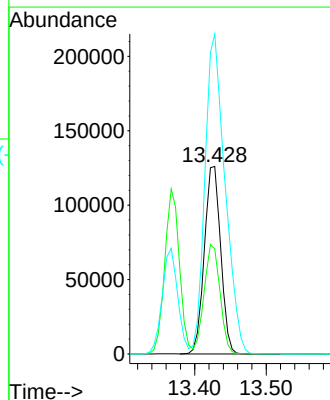
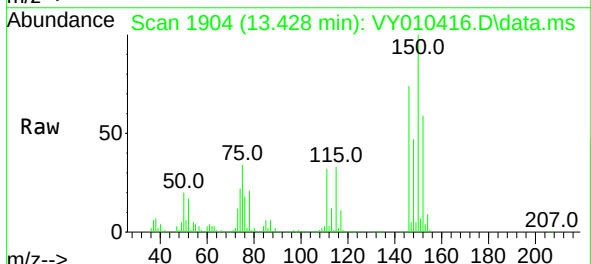
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

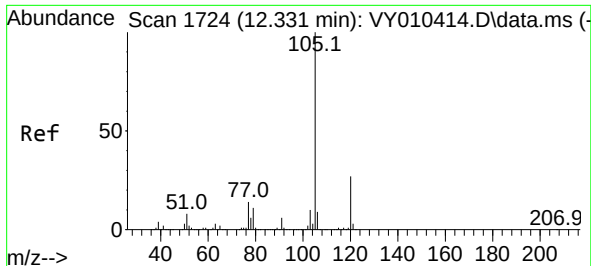
Tgt Ion:173 Resp: 306050
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion:152 Resp: 200272
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 209.5 0.0 347.6

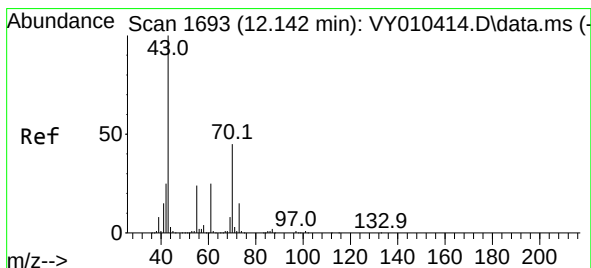
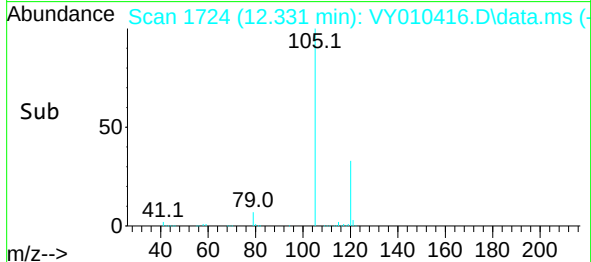
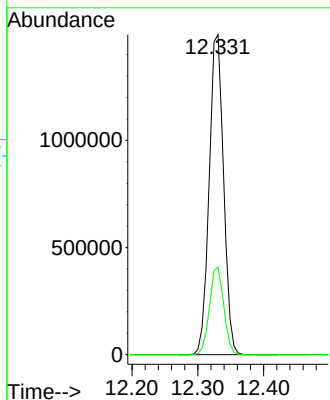
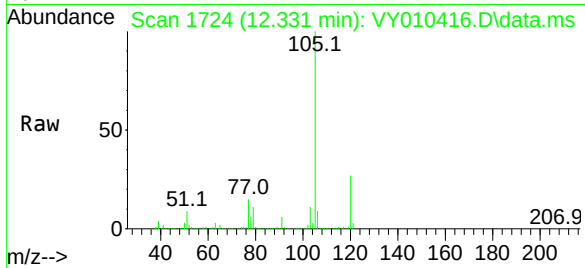




#73
Isopropylbenzene
Concen: 145.595 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

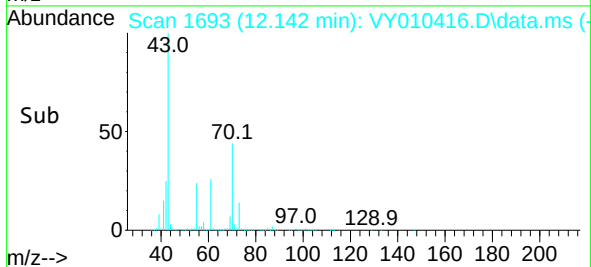
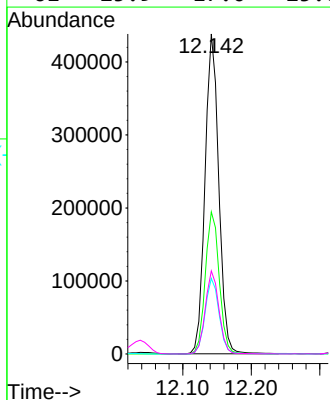
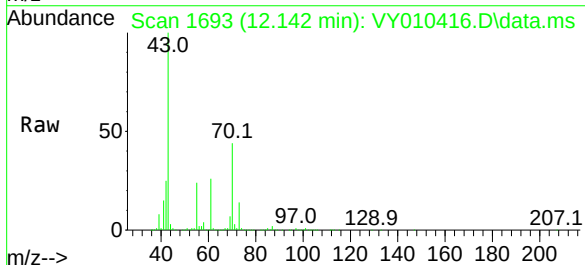
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

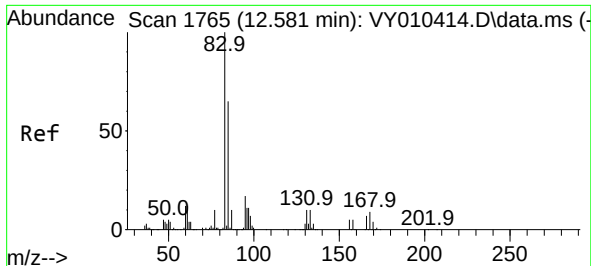
Tgt Ion:105 Resp: 2275060
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 168.139 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 43 Resp: 613019
Ion Ratio Lower Upper
43 100
70 45.1 28.7 43.1#
55 24.1 17.3 25.9
61 25.9 17.0 25.6#

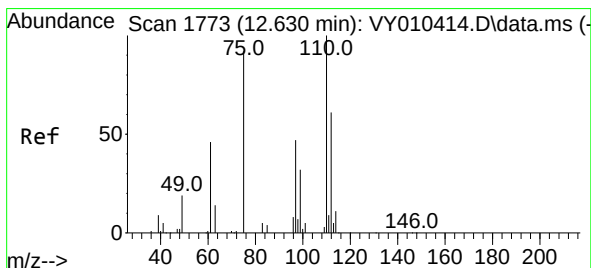
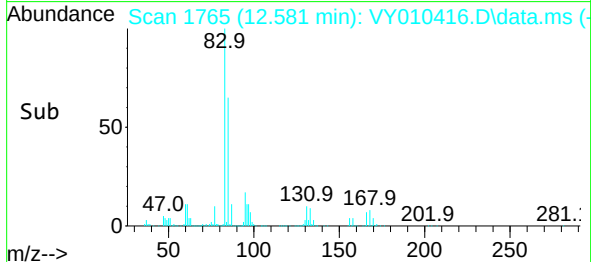
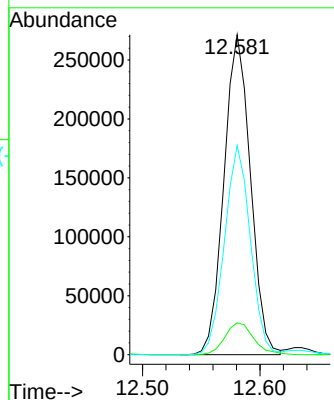
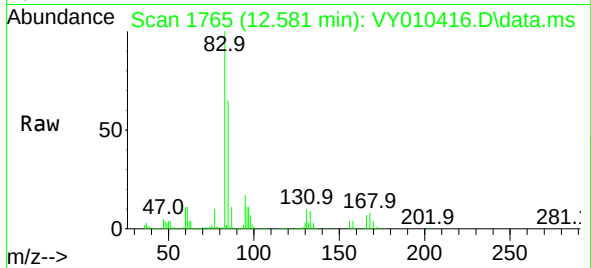




#75
1,1,2,2-Tetrachloroethane
Concen: 145.663 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

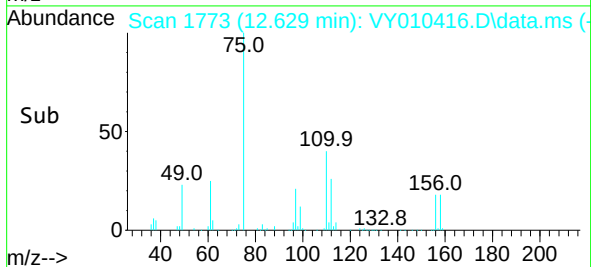
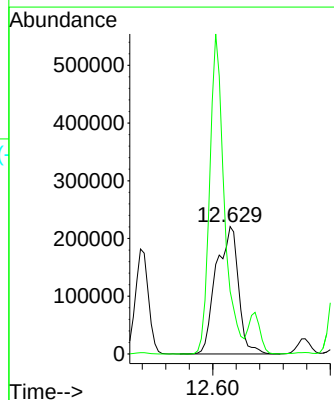
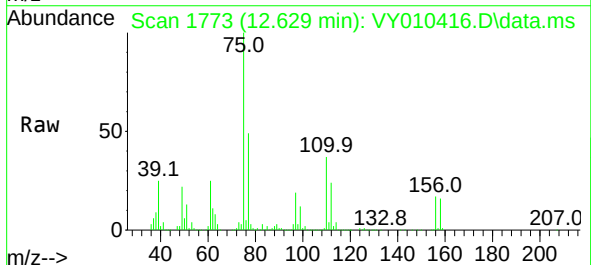
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

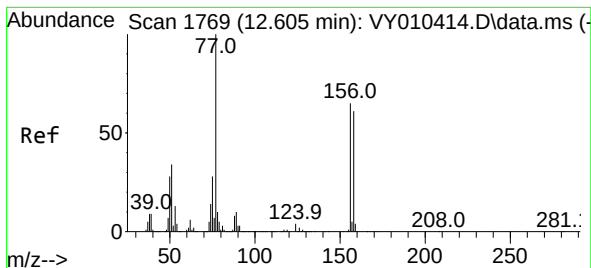
Tgt Ion: 83 Resp: 425780
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 267.606 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 75 Resp: 582649
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 142.639 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

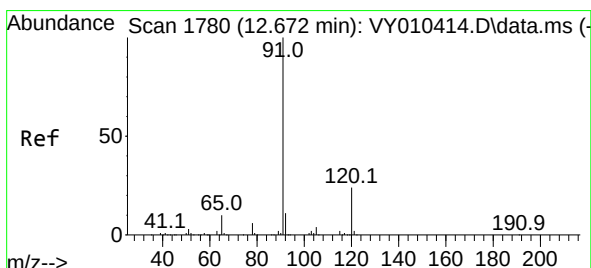
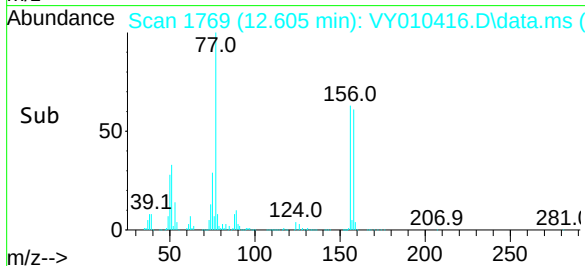
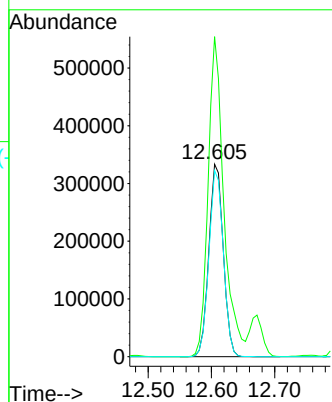
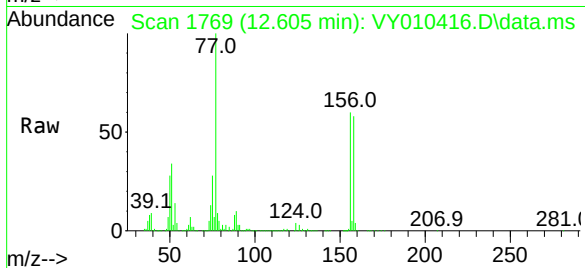
Tgt Ion:156 Resp: 528146

Ion Ratio Lower Upper

156 100

77 181.9 95.5 286.4

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 144.046 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY010416.D

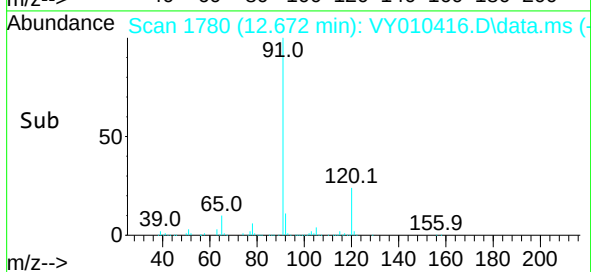
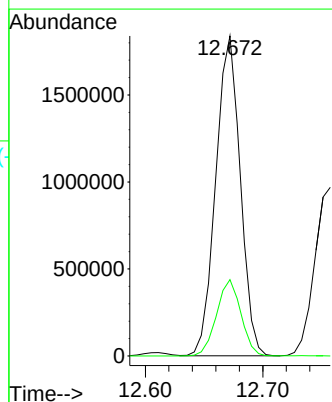
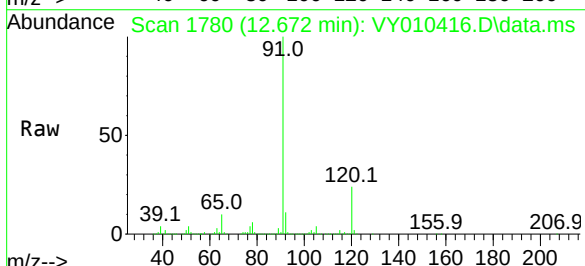
Acq: 09 Sep 2022 14:02

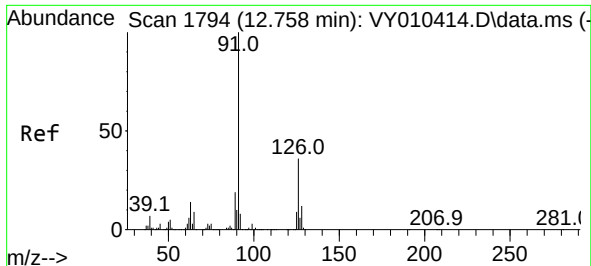
Tgt Ion: 91 Resp: 2665363

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 144.841 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

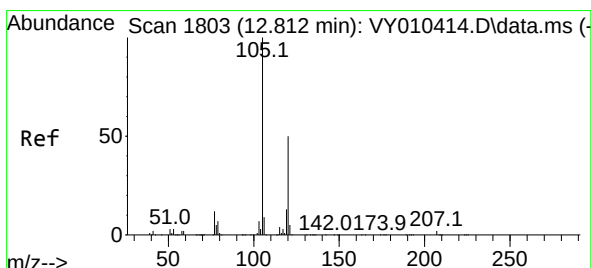
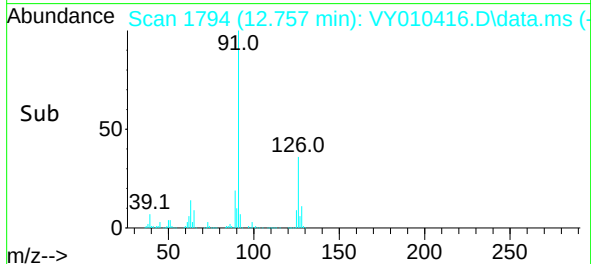
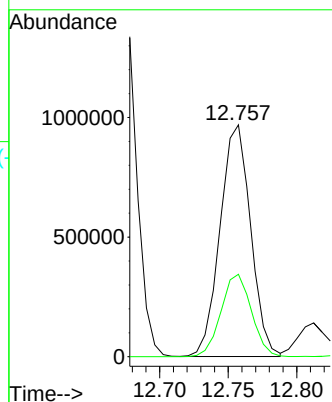
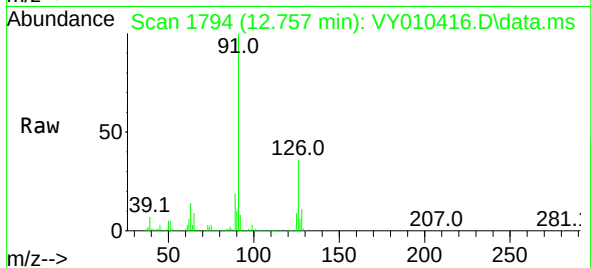
VSTDIC150

Tgt Ion: 91 Resp: 1505491

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 143.336 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY010416.D

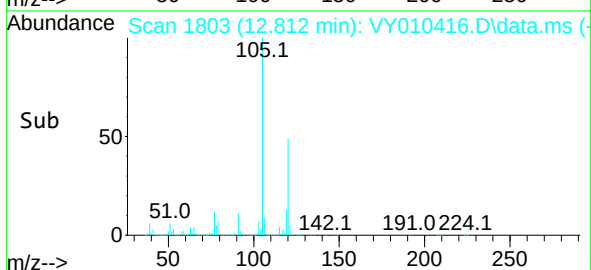
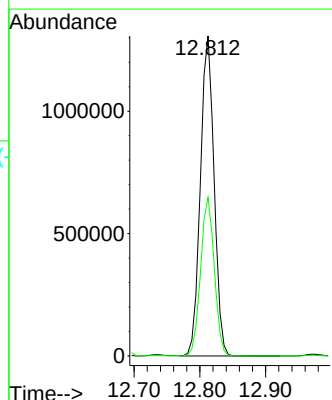
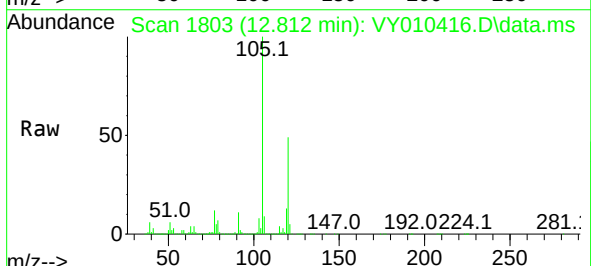
Acq: 09 Sep 2022 14:02

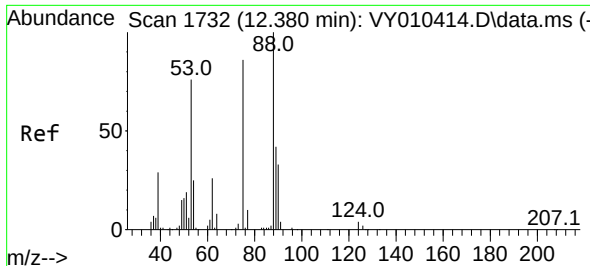
Tgt Ion: 105 Resp: 1889792

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4

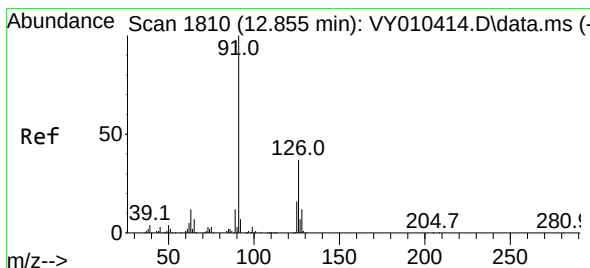
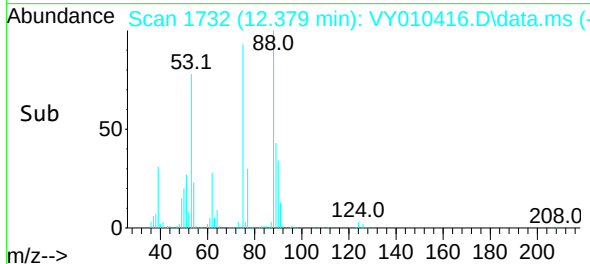
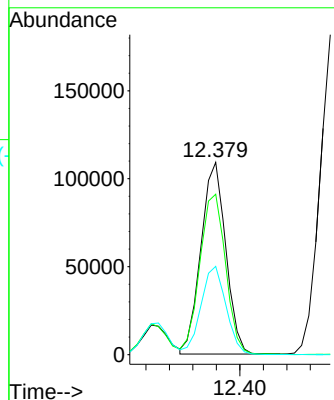
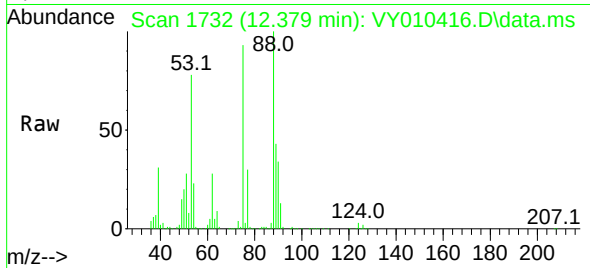




#81
trans-1,4-Dichloro-2-butene
Concen: 160.701 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

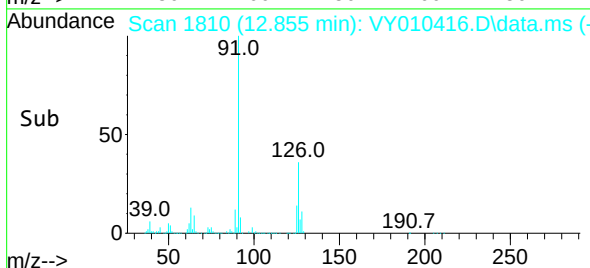
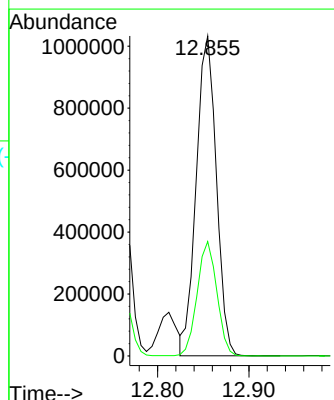
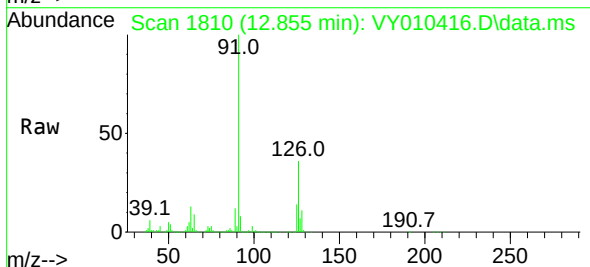
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

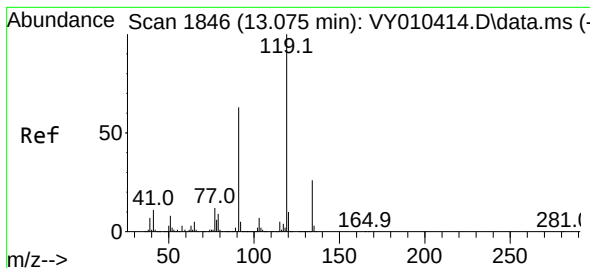
Tgt Ion: 75 Resp: 159976
Ion Ratio Lower Upper
75 100
53 87.2 85.3 127.9
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 145.760 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 91 Resp: 1576130
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 144.184 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

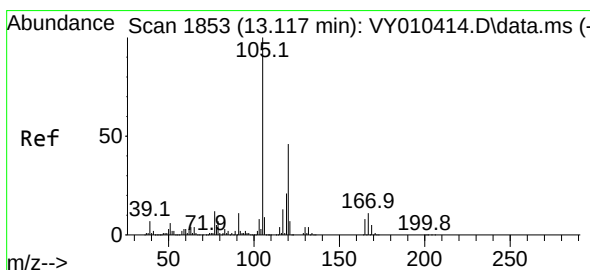
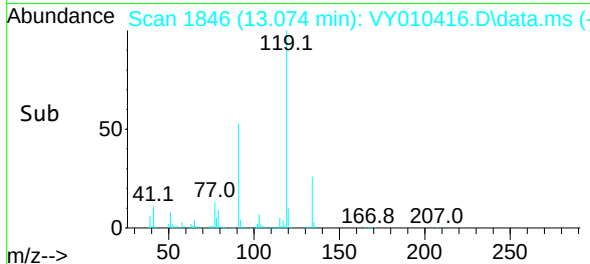
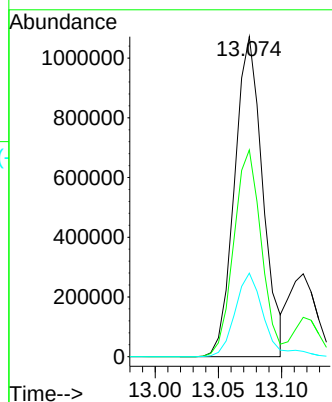
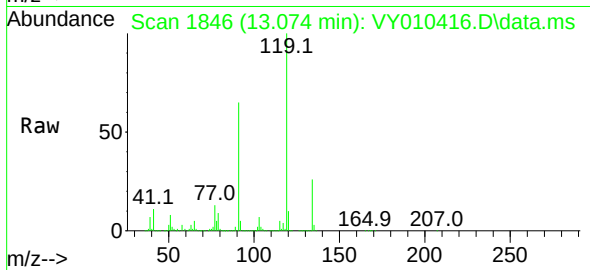
Tgt Ion:119 Resp: 1661546

Ion Ratio Lower Upper

119 100

91 63.3 34.8 104.4

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 145.505 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY010416.D

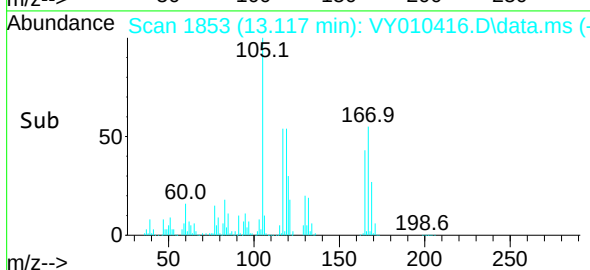
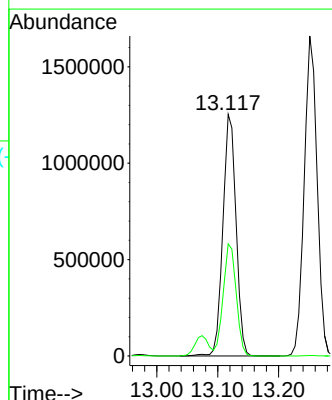
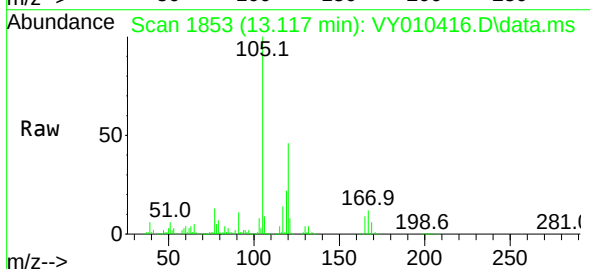
Acq: 09 Sep 2022 14:02

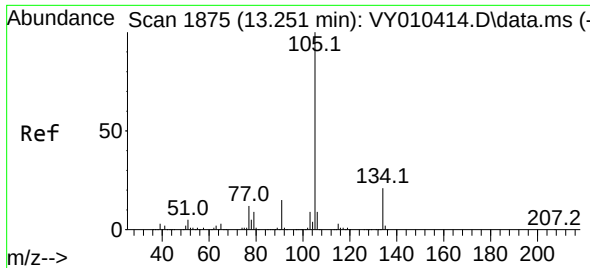
Tgt Ion:105 Resp: 1877065

Ion Ratio Lower Upper

105 100

120 45.9 22.3 66.9

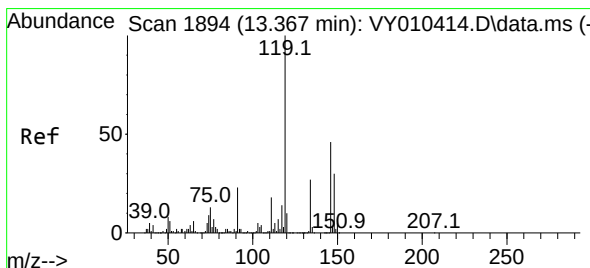
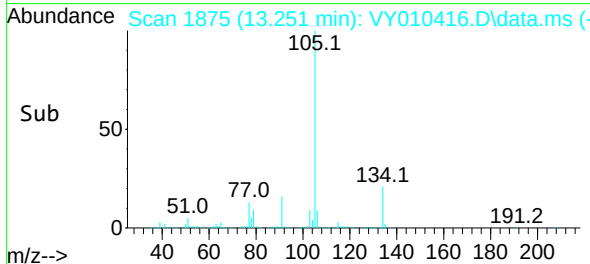
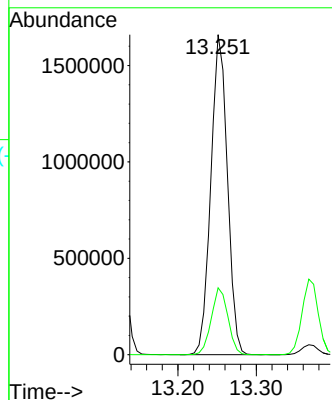
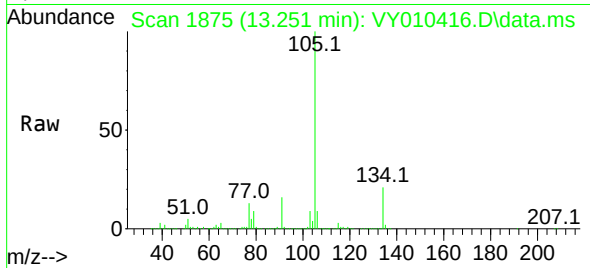




#85
 sec-Butylbenzene
 Concen: 142.627 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

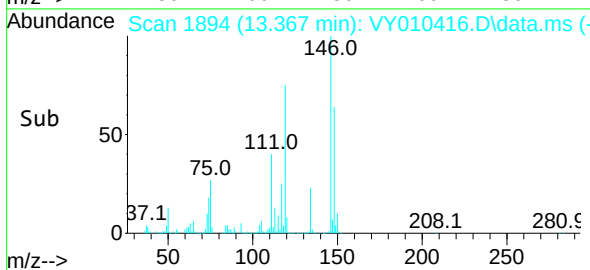
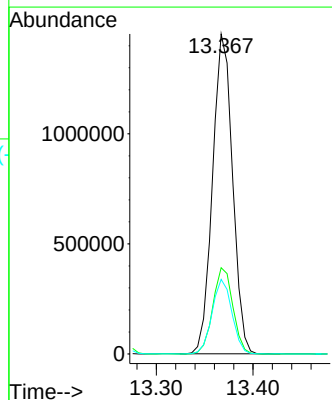
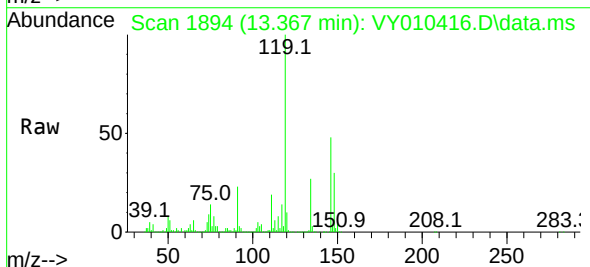
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

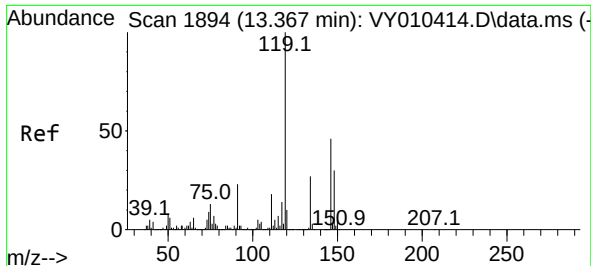
Tgt Ion:105 Resp: 2433730
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 144.583 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

Tgt Ion:119 Resp: 2086835
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 23.0 12.4 37.2

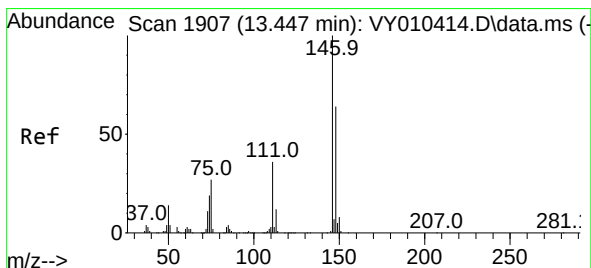
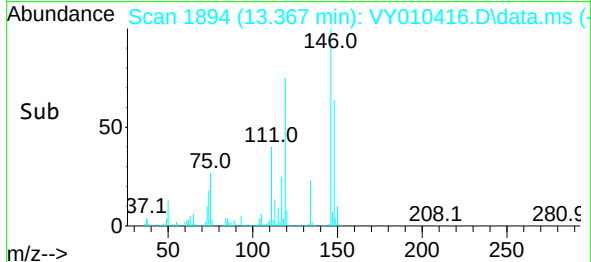
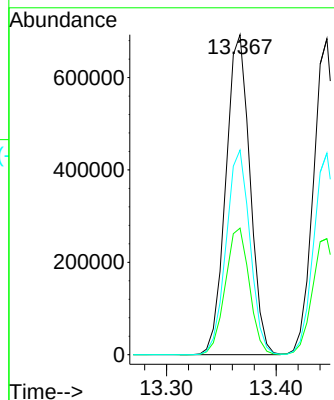
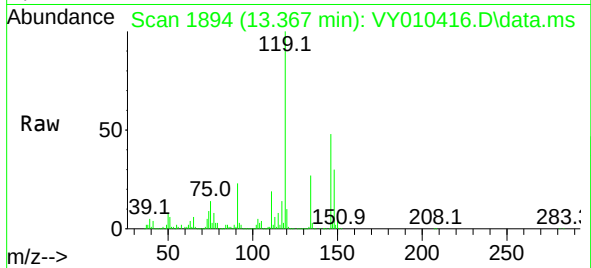




#87
 1,3-Dichlorobenzene
 Concen: 142.585 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

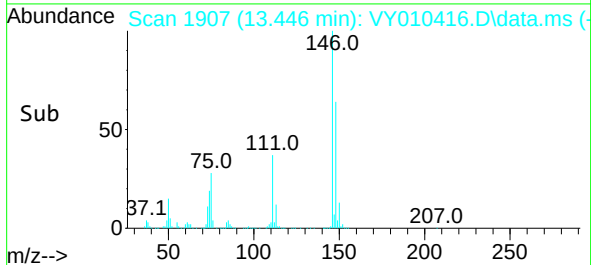
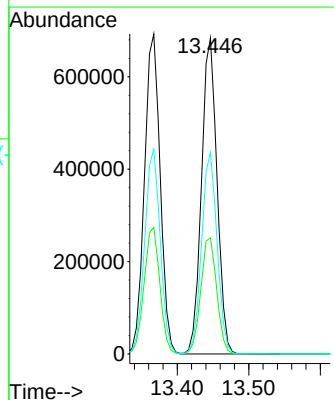
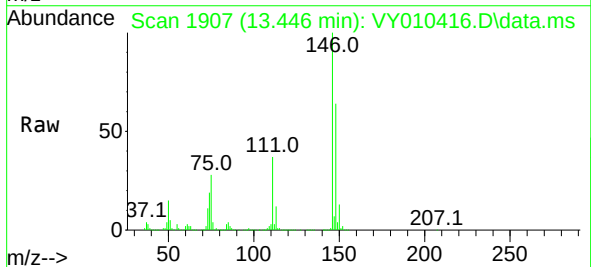
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

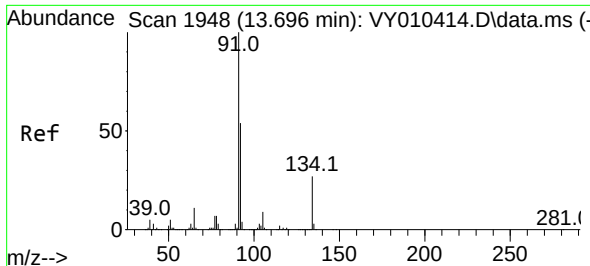
Tgt Ion:146 Resp: 1060145
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.5 58.5
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 140.059 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY010416.D
 Acq: 09 Sep 2022 14:02

Tgt Ion:146 Resp: 1031178
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.3 57.8
 148 63.7 32.6 97.8

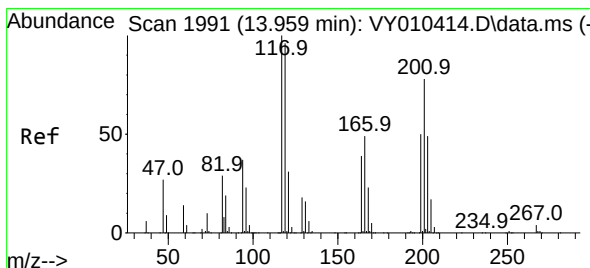
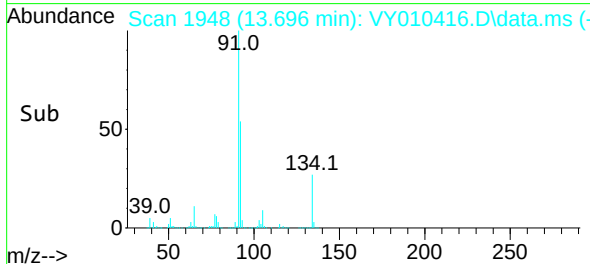
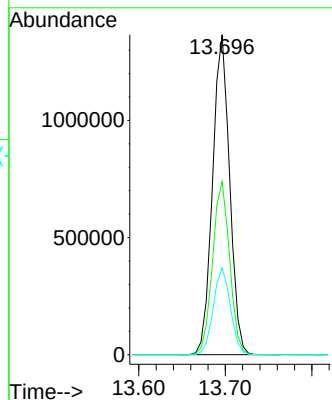
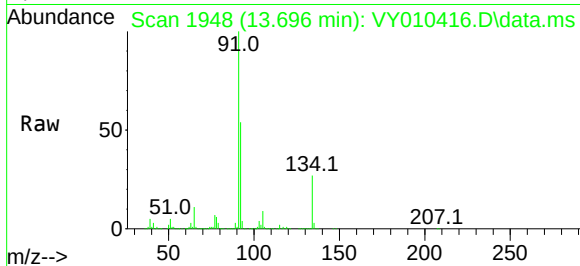




#89
n-Butylbenzene
Concen: 142.608 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

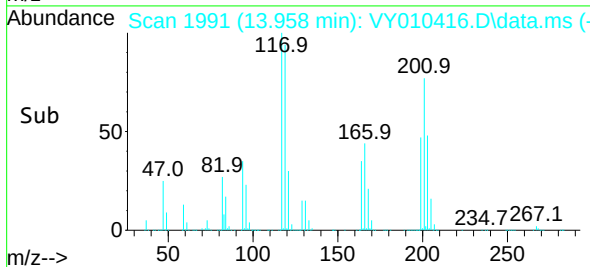
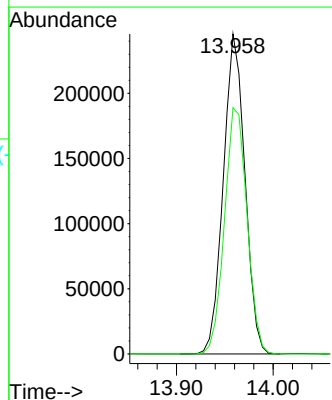
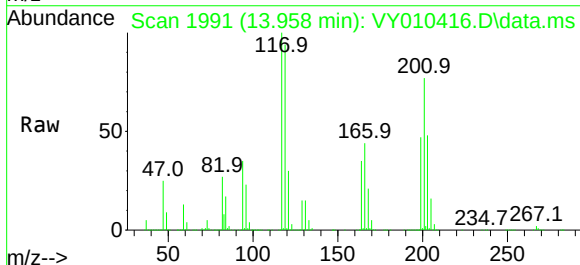
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

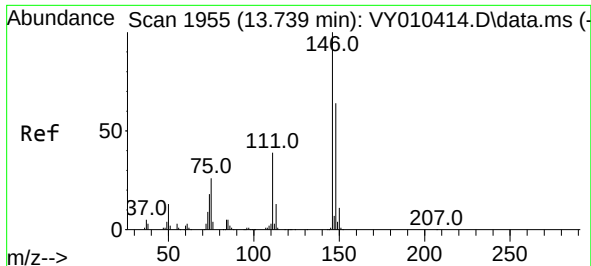
Tgt Ion: 91 Resp: 1868370
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 27.2 13.0 38.9



#90
Hexachloroethane
Concen: 140.403 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010416.D
Acq: 09 Sep 2022 14:02

Tgt Ion: 117 Resp: 380487
Ion Ratio Lower Upper
117 100
201 80.3 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 142.246 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

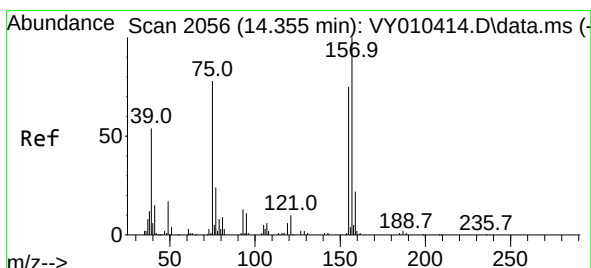
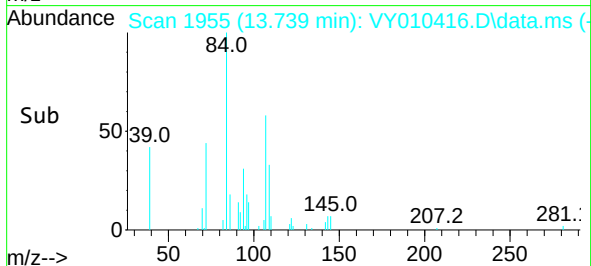
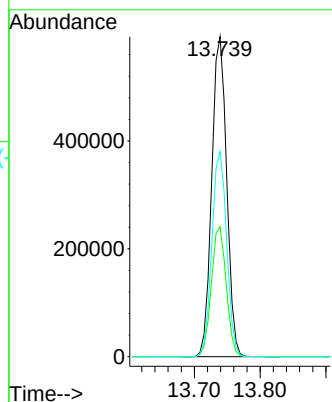
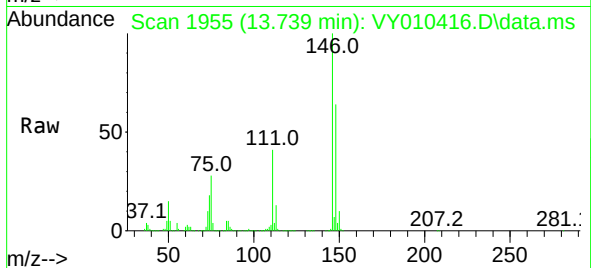
Tgt Ion:146 Resp: 936744

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

148 63.6 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 147.588 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

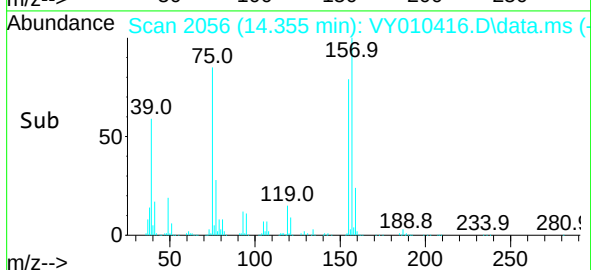
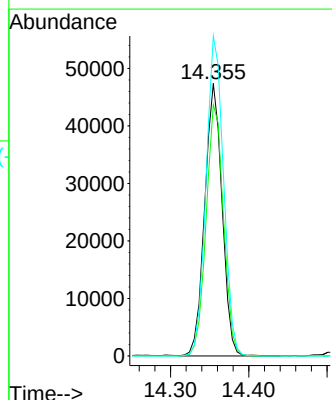
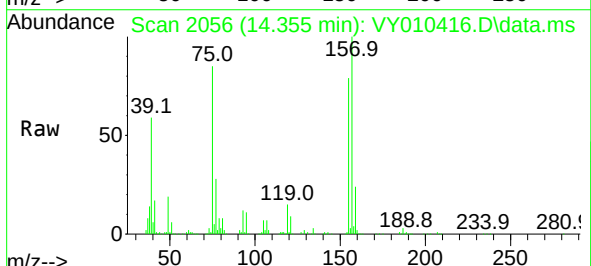
Tgt Ion: 75 Resp: 72818

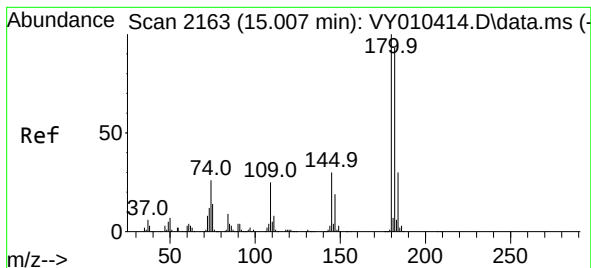
Ion Ratio Lower Upper

75 100

155 92.5 38.0 113.9

157 118.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 140.981 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

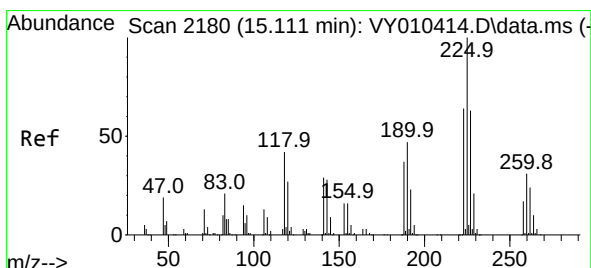
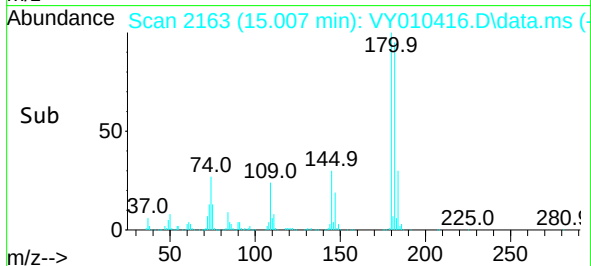
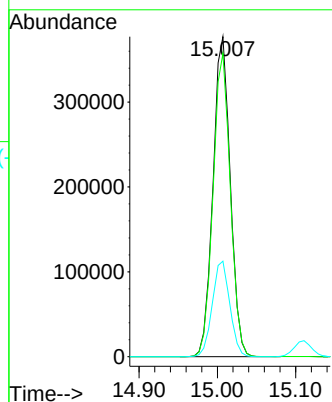
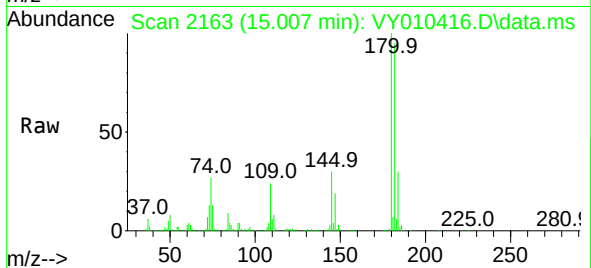
Tgt Ion:180 Resp: 576623

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 30.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 130.636 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

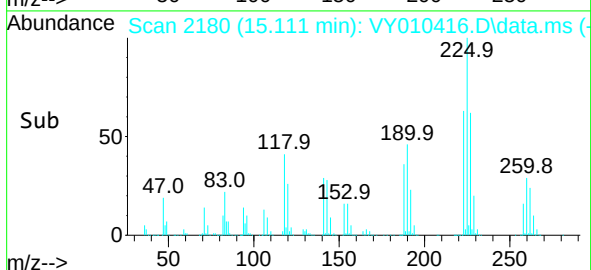
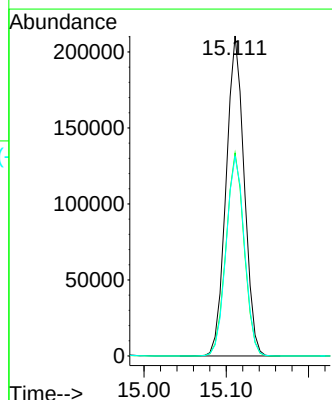
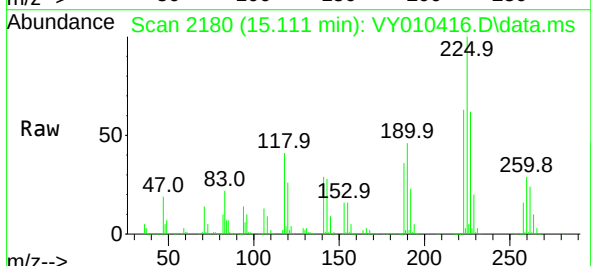
Tgt Ion:225 Resp: 322388

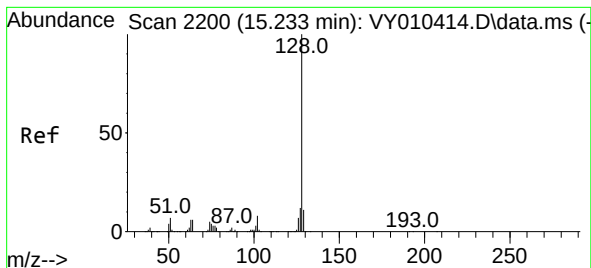
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 63.2 31.6 94.7





#95

Naphthalene

Concen: 150.418 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

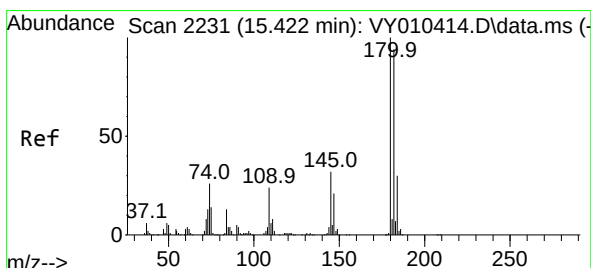
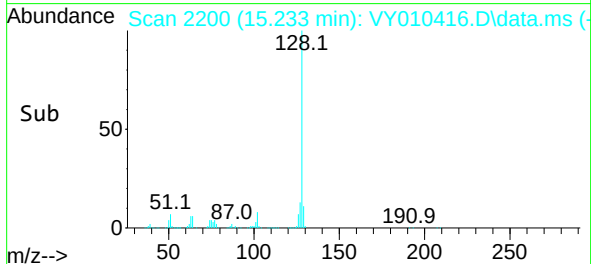
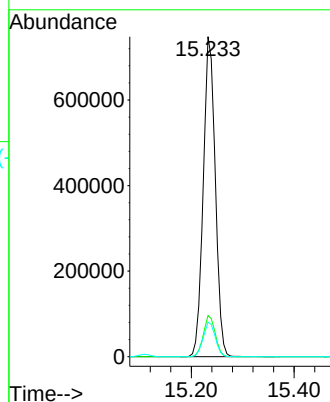
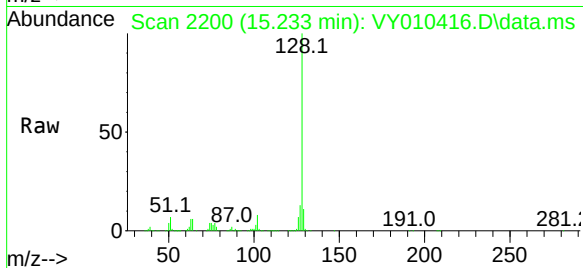
Tgt Ion:128 Resp: 1213455

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 140.058 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010416.D

Acq: 09 Sep 2022 14:02

Tgt Ion:180 Resp: 500059

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 31.6 15.3 45.9

