

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010271.D
 Acq On : 02 Sep 2022 10:46
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 02 16:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:23:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	393301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	647074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	569675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	276263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77276	19.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.320%#
35) Dibromofluoromethane	7.716	113	98688	22.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.820%#
50) Toluene-d8	10.179	98	239504	16.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	33.220%#
62) 4-Bromofluorobenzene	12.477	95	176609	26.404	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72247	23.011	ug/l	99
3) Chloromethane	2.113	50	94490	22.042	ug/l	95
4) Vinyl Chloride	2.247	62	100764	21.574	ug/l	100
5) Bromomethane	2.631	94	59970	20.227	ug/l	97
6) Chloroethane	2.784	64	60084	21.030	ug/l	99
7) Trichlorofluoromethane	3.113	101	138355	21.133	ug/l	94
8) Diethyl Ether	3.527	74	48597	20.773	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	83778	20.720	ug/l	95
10) Methyl Iodide	4.082	142	101322	20.829	ug/l	89
11) Tert butyl alcohol	4.954	59	52864	109.570	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	81952	20.932	ug/l	84
13) Acrolein	3.723	56	51925	101.665	ug/l	99
14) Allyl chloride	4.472	41	144759	21.007	ug/l	90
15) Acrylonitrile	5.155	53	126673	103.918	ug/l	97
16) Acetone	3.942	43	98361	97.565	ug/l	92
17) Carbon Disulfide	4.186	76	259135	21.729	ug/l	99
18) Methyl Acetate	4.472	43	65632	20.977	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	236755	20.685	ug/l	95
20) Methylene Chloride	4.704	84	102770	21.124	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	92923	20.944	ug/l	95
22) Diisopropyl ether	6.112	45	289187	20.648	ug/l	96
23) Vinyl Acetate	6.057	43	916570	104.378	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	165815	20.552	ug/l	99
25) 2-Butanone	6.984	43	169398	102.384	ug/l	91
26) 2,2-Dichloropropane	6.972	77	150039	20.418	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	105652	20.837	ug/l	91
28) Bromochloromethane	7.332	49	43004	15.929	ug/l	90
29) Tetrahydrofuran	7.344	42	111924	105.538	ug/l	90
30) Chloroform	7.502	83	162478	20.450	ug/l	100
31) Cyclohexane	7.783	56	164350	20.891	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	148896	20.567	ug/l	96
36) 1,1-Dichloropropene	7.917	75	128972	20.406	ug/l	97
37) Ethyl Acetate	7.069	43	75470	20.827	ug/l #	94
38) Carbon Tetrachloride	7.899	117	134163	20.597	ug/l	98
39) Methylcyclohexane	9.179	83	170156	20.853	ug/l	95
40) Benzene	8.155	78	369807	20.430	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	103425	50.485	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	110032	20.965	ug/l	93
43) Isopropyl Acetate	8.270	43	142898	20.688	ug/l #	93
44) Trichloroethene	8.935	130	101617	20.449	ug/l	96
45) 1,2-Dichloropropane	9.215	63	93405	20.254	ug/l	96
46) Dibromomethane	9.301	93	51534	20.345	ug/l	97
47) Bromodichloromethane	9.496	83	125847	20.203	ug/l	99
48) Methyl methacrylate	9.289	41	67074	20.817	ug/l	87
49) 1,4-Dioxane	9.295	88	14130	405.416	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	369817	103.772	ug/l	91
52) Toluene	10.240	92	236462	20.421	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	135086	20.106	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	154391	20.380	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	74292	20.662	ug/l	99
56) Ethyl methacrylate	10.508	69	107787	20.290	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	129489	20.661	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	215909	121.411	ug/l	97
59) 2-Hexanone	10.831	43	256021	103.602	ug/l	89
60) Dibromochloromethane	10.983	129	88388	20.400	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71358	20.536	ug/l	100
64) Tetrachloroethene	10.721	164	97076	20.895	ug/l	97
65) Chlorobenzene	11.514	112	249634	20.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	92365	20.721	ug/l	97
67) Ethyl Benzene	11.593	91	457182	20.566	ug/l	99
68) m/p-Xylenes	11.703	106	349303	41.134	ug/l	96
69) o-Xylene	12.026	106	168729	20.465	ug/l	95
70) Styrene	12.044	104	282307	20.555	ug/l	97
71) Bromoform	12.209	173	56130	20.371	ug/l #	99
73) Isopropylbenzene	12.331	105	445821	20.227	ug/l	100
74) N-amyl acetate	12.142	43	125631	20.660	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	85880	20.274	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	115812	36.915	ug/l #	100
77) Bromobenzene	12.605	156	100483	20.040	ug/l	98
78) n-propylbenzene	12.672	91	535510	20.240	ug/l	99
79) 2-Chlorotoluene	12.757	91	303325	20.283	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	378855	20.516	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	31742	20.141	ug/l	87
82) 4-Chlorotoluene	12.855	91	313242	20.343	ug/l	99
83) tert-Butylbenzene	13.074	119	324650	20.235	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	370640	20.438	ug/l	98
85) sec-Butylbenzene	13.251	105	484618	20.426	ug/l	100
86) p-Isopropyltoluene	13.367	119	397975	20.307	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	197297	20.265	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	195402	20.187	ug/l	97
89) n-Butylbenzene	13.696	91	381426	20.588	ug/l	99
90) Hexachloroethane	13.958	117	76776	20.409	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	175303	20.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15305	20.505	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	108106	20.129	ug/l	99
94) Hexachlorobutadiene	15.111	225	64251	20.411	ug/l	98
95) Naphthalene	15.233	128	225000	20.190	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	90687	19.937	ug/l	98

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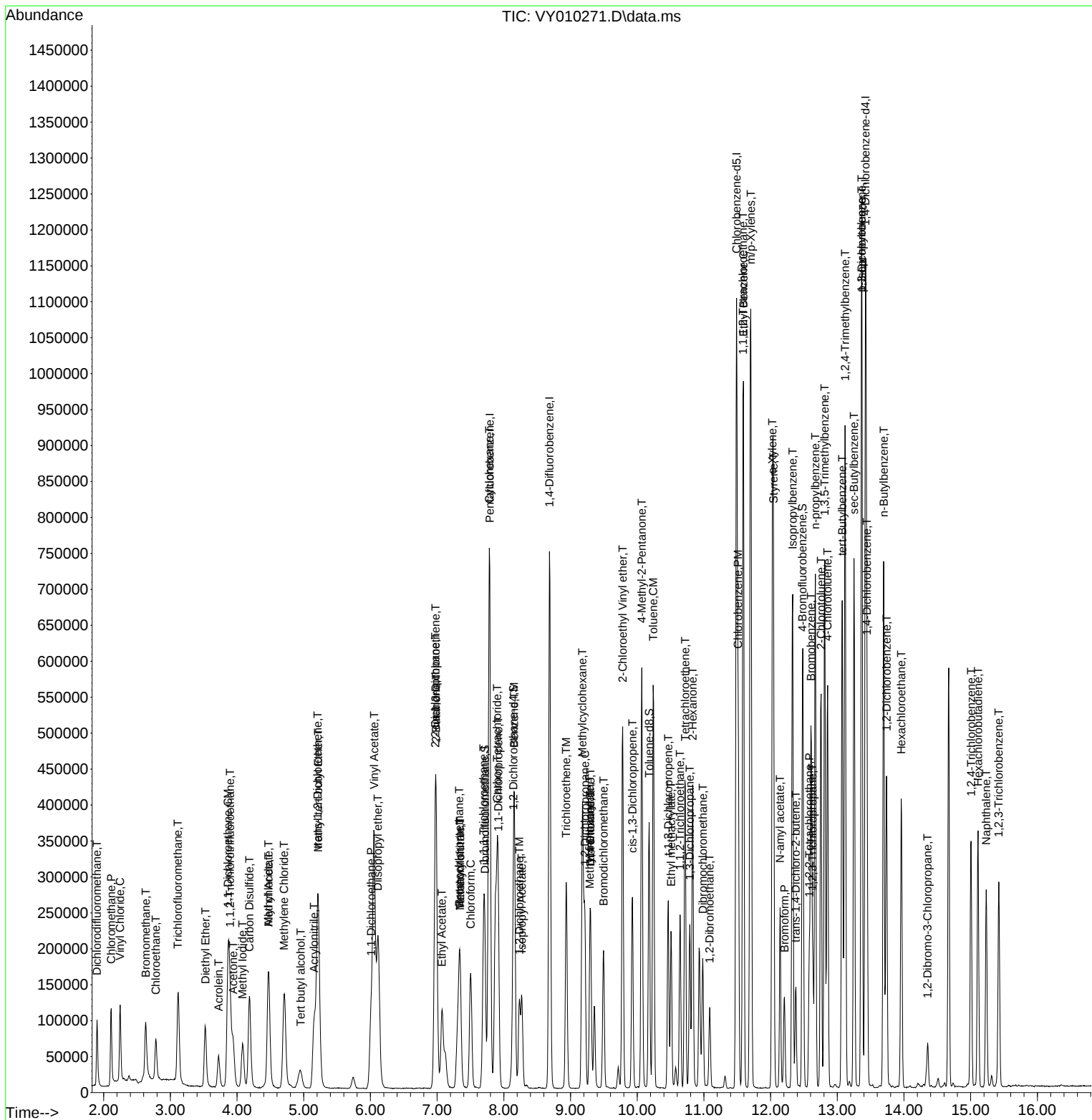
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

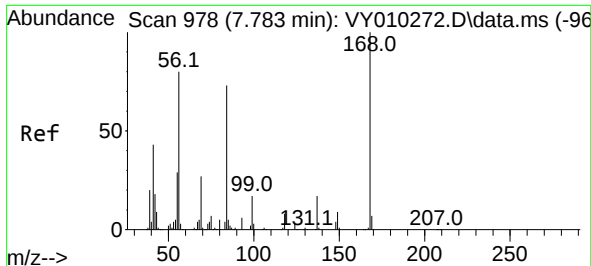
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Quant Title : SW846 8260
QLast Update : Fri Sep 02 16:23:24 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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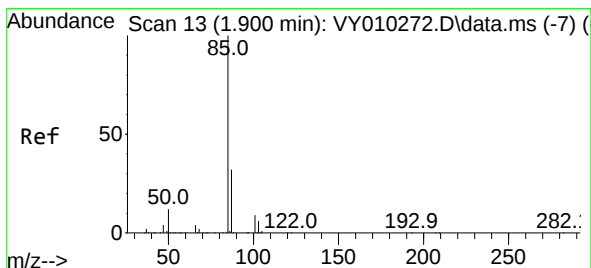
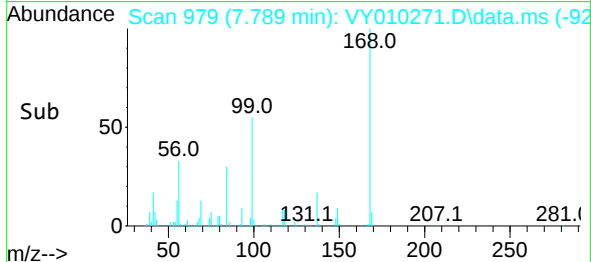
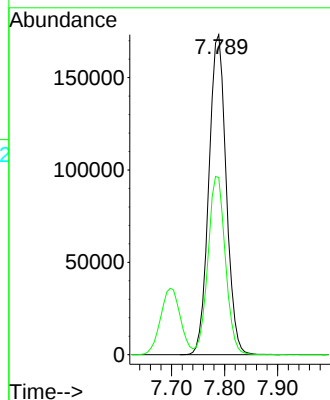
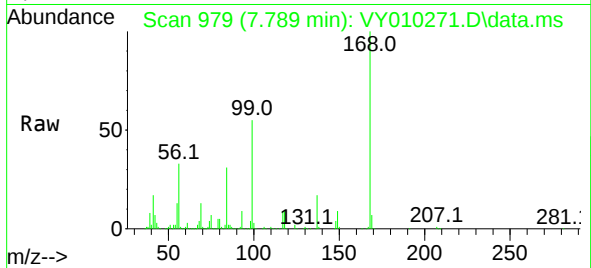




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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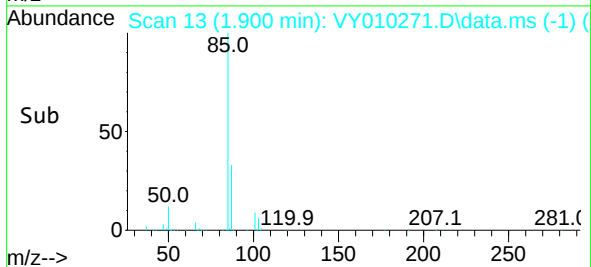
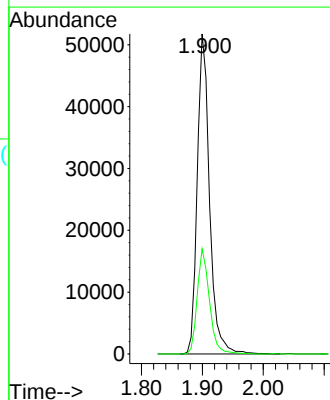
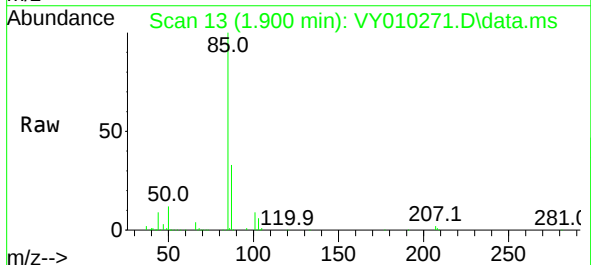
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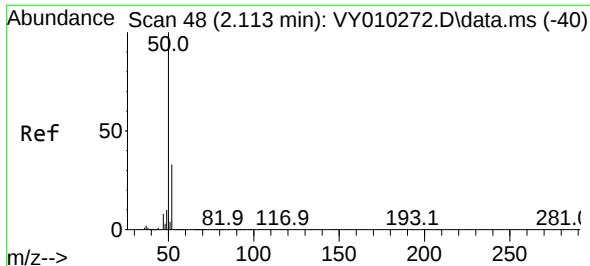
Tgt Ion:168 Resp: 393301
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 23.011 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 85 Resp: 72247
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

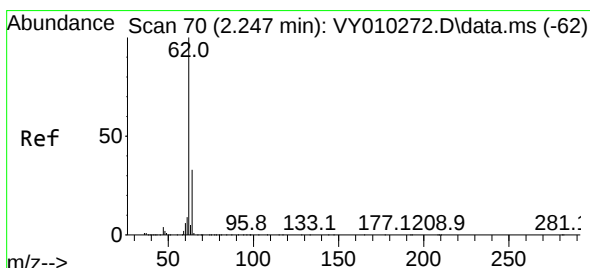
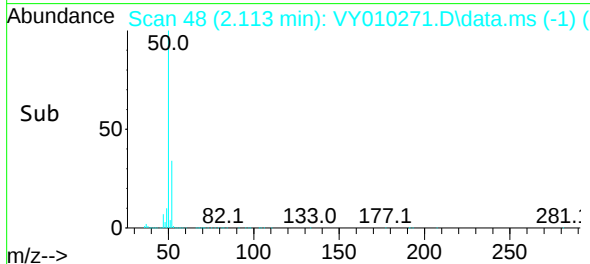
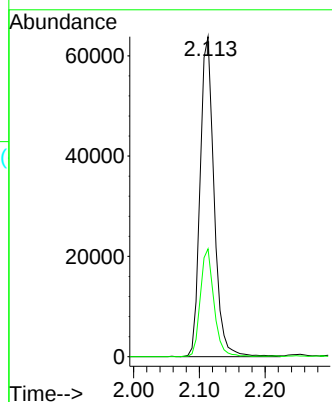
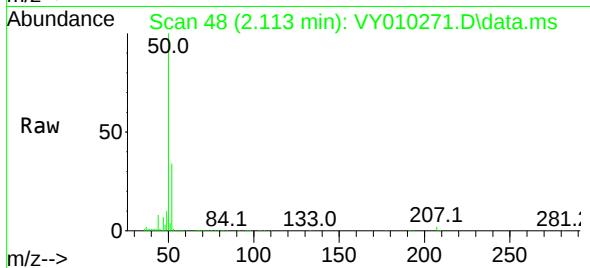




#3
Chloromethane
Concen: 22.042 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY010271.D
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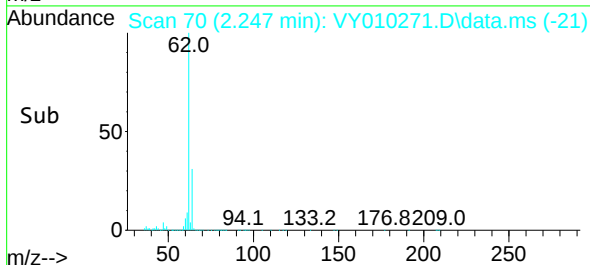
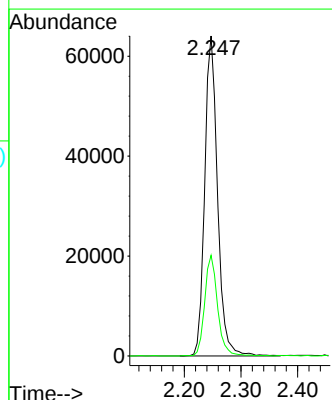
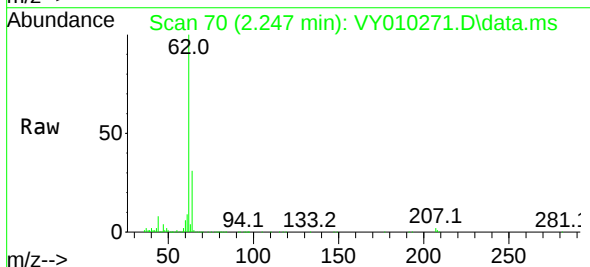
Instrument :
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Tgt Ion: 50 Resp: 94490
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0



#4
Vinyl Chloride
Concen: 21.574 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 62 Resp: 100764
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6

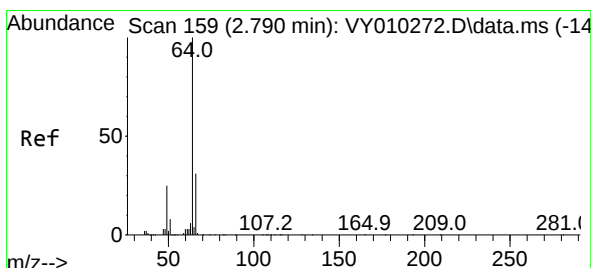
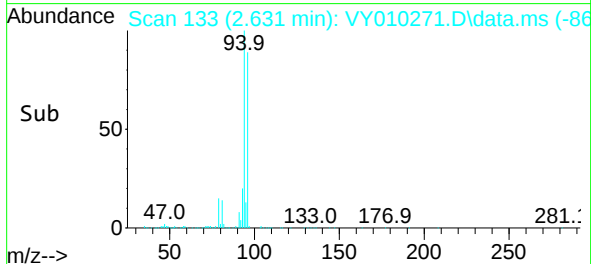
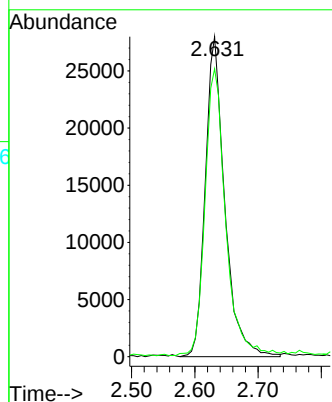
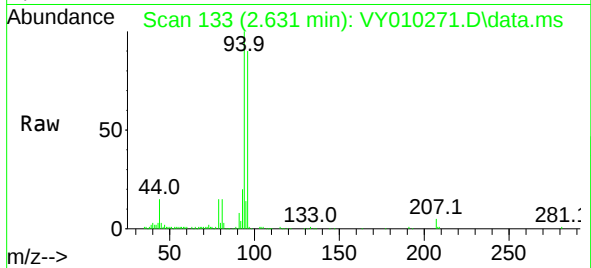




#5
Bromomethane
Concen: 20.227 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY010271.D
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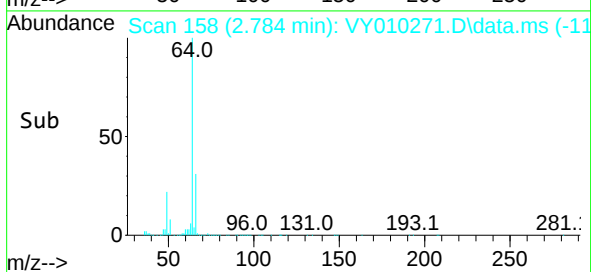
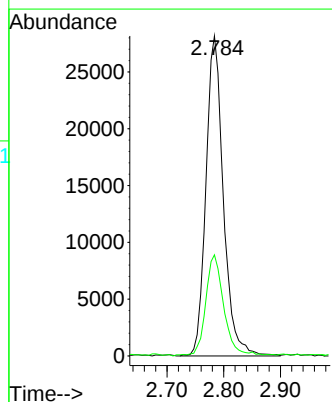
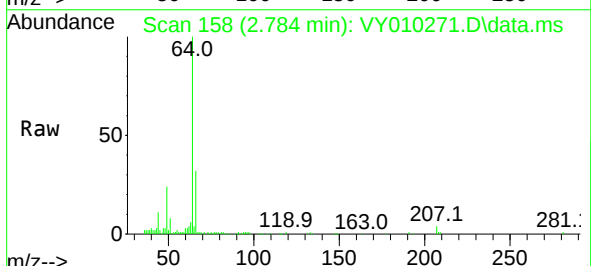
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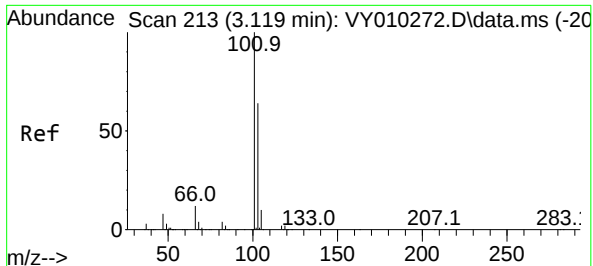
Tgt Ion: 94 Resp: 59970
Ion Ratio Lower Upper
94 100
96 88.9 73.5 110.3



#6
Chloroethane
Concen: 21.030 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 64 Resp: 60084
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0

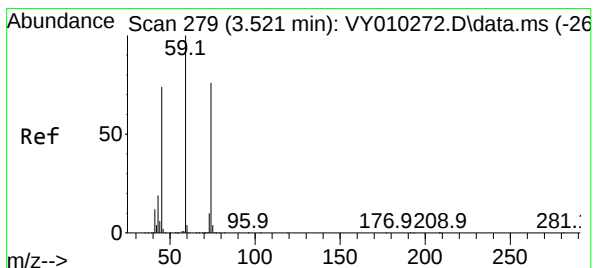
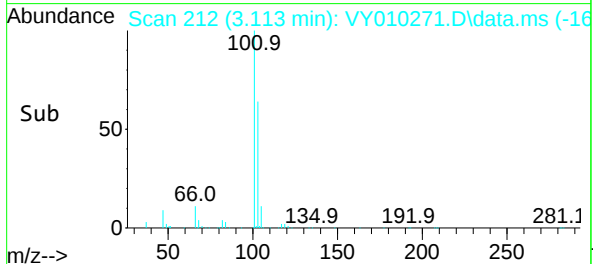
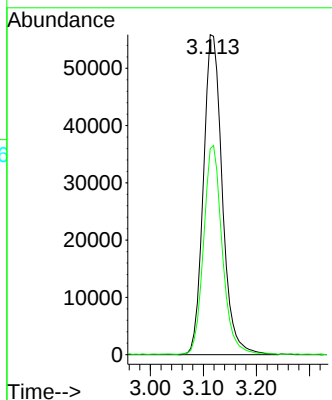
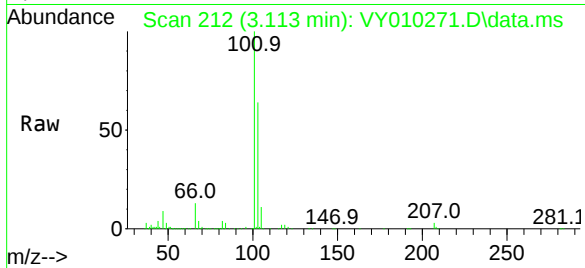




#7
 Trichlorofluoromethane
 Concen: 21.133 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
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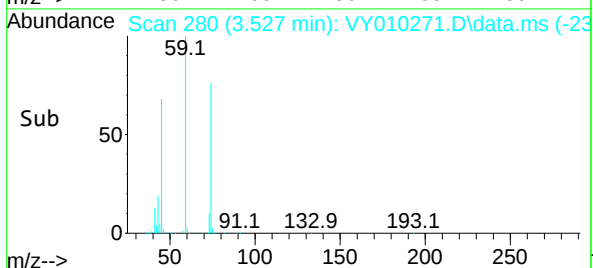
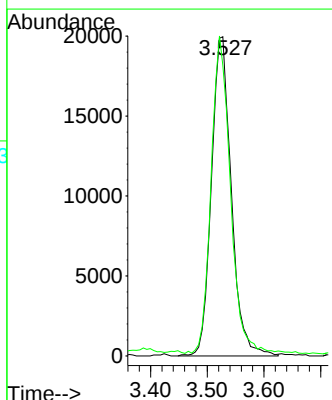
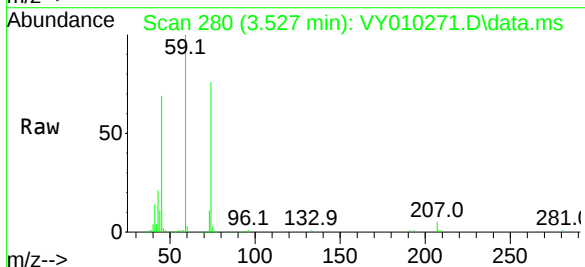
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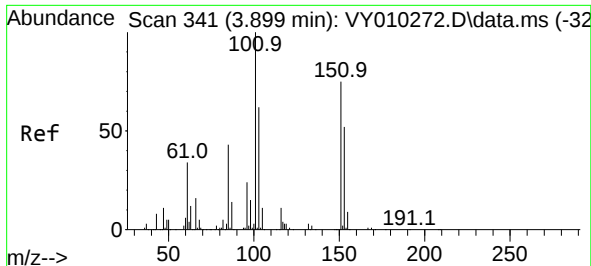
Tgt Ion:101 Resp: 138355
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 20.773 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY010271.D
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Tgt Ion: 74 Resp: 48597
 Ion Ratio Lower Upper
 74 100
 45 96.7 55.1 165.5

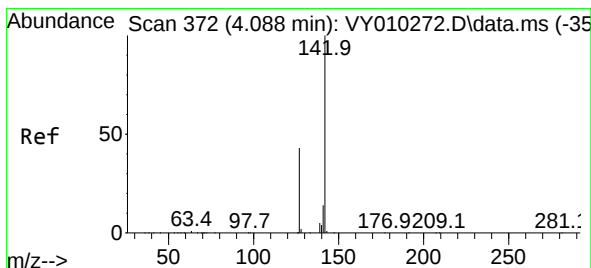
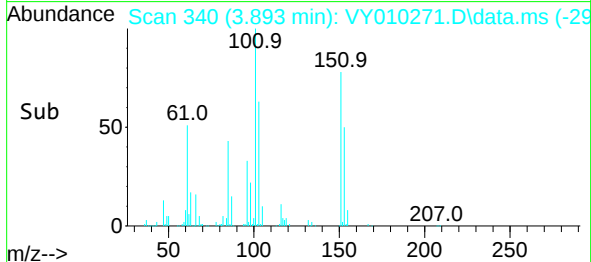
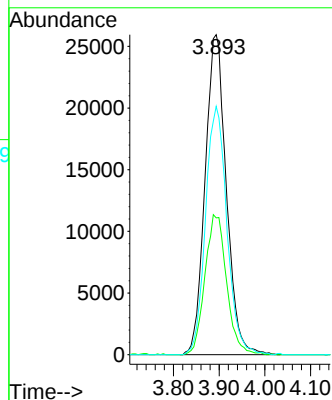
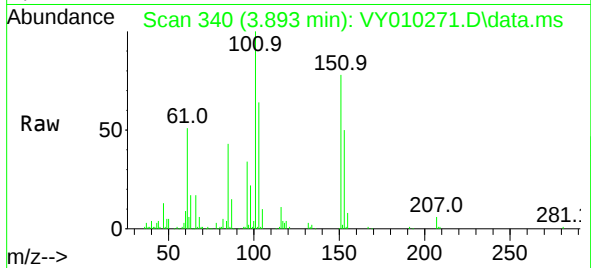




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.720 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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Acq: 02 Sep 2022 10:46

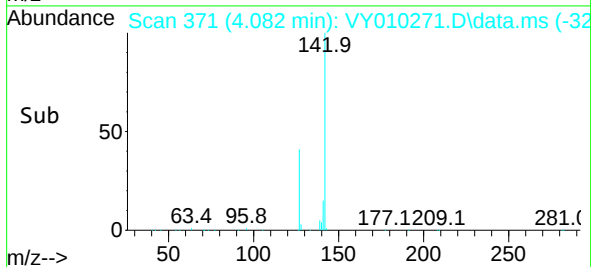
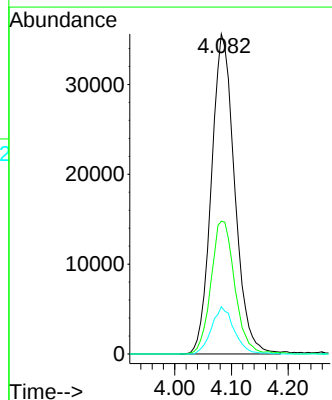
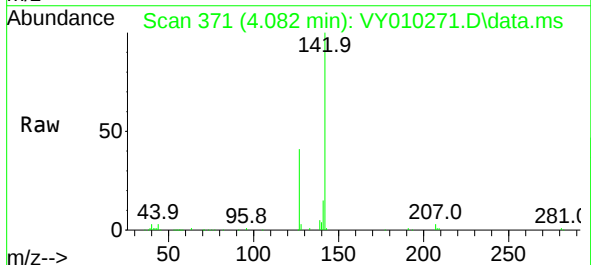
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

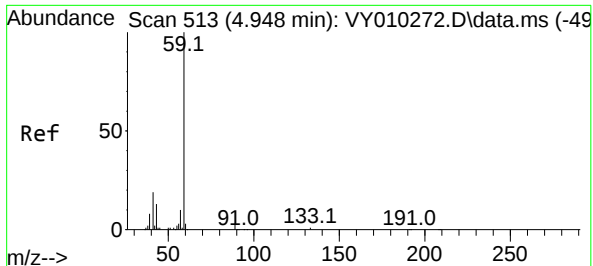
Tgt Ion:101 Resp: 83778
Ion Ratio Lower Upper
101 100
85 44.6 40.6 60.8
151 78.3 64.9 97.3



#10
Methyl Iodide
Concen: 20.829 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion:142 Resp: 101322
Ion Ratio Lower Upper
142 100
127 42.6 41.5 62.3
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 109.570 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

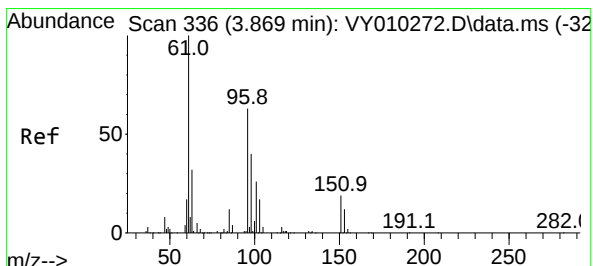
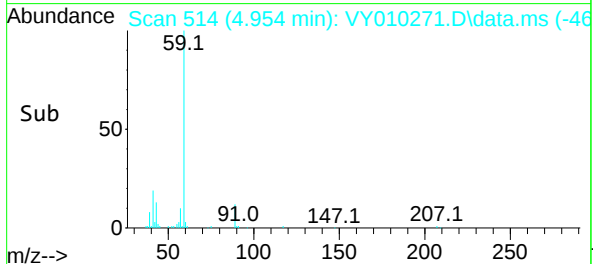
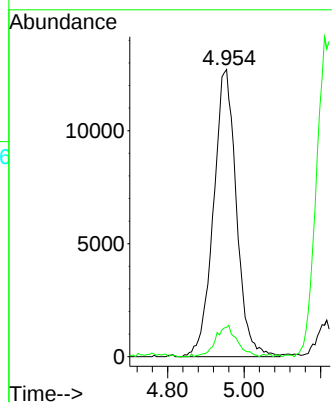
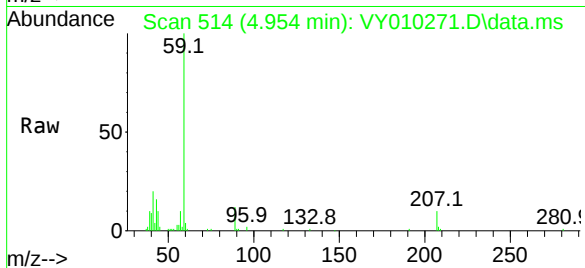
VSTDICC020

Tgt Ion: 59 Resp: 52864

Ion Ratio Lower Upper

59 100

57 10.1 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 20.932 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

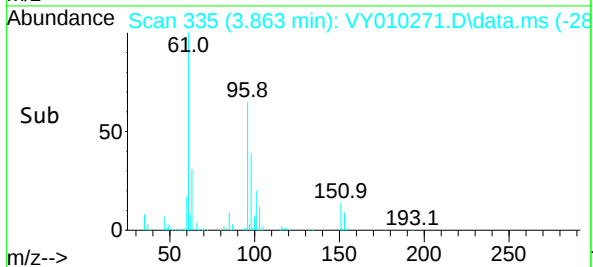
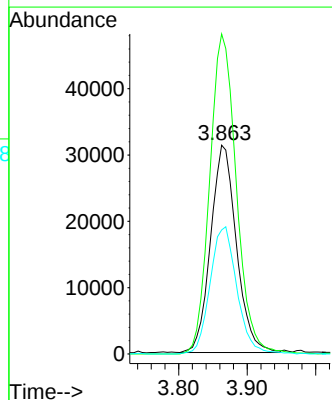
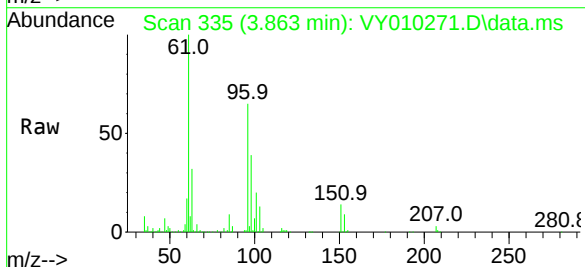
Tgt Ion: 96 Resp: 81952

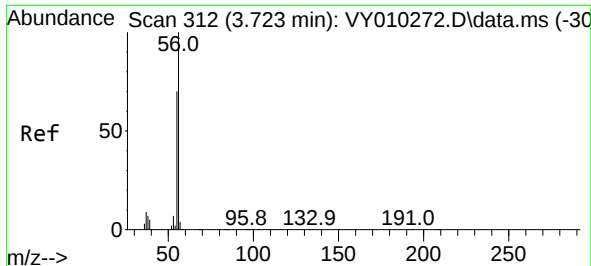
Ion Ratio Lower Upper

96 100

61 154.3 145.8 218.6

98 59.6 52.5 78.7

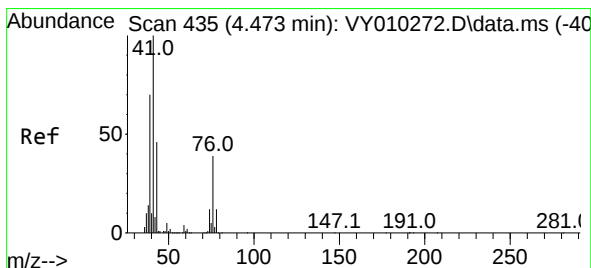
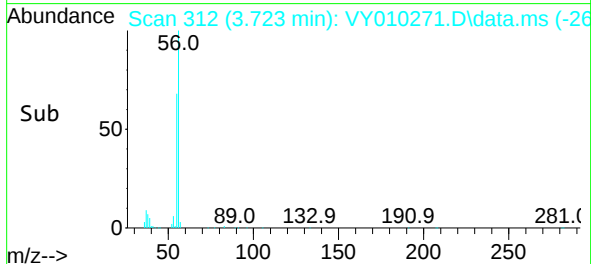
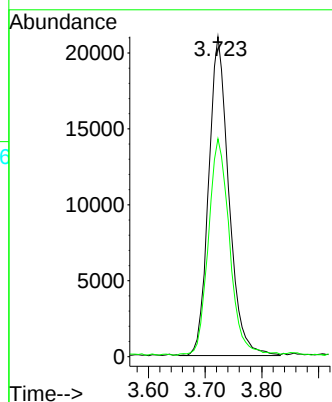
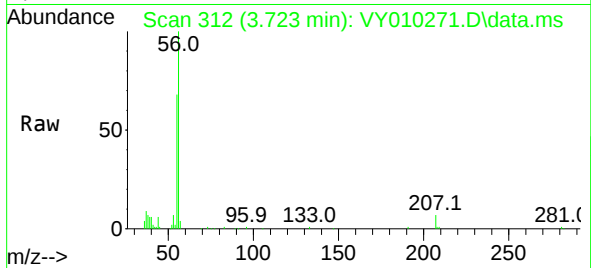




#13
Acrolein
Concen: 101.665 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

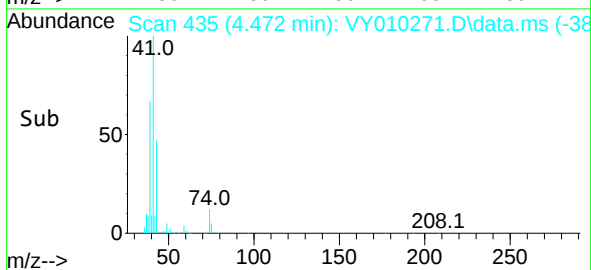
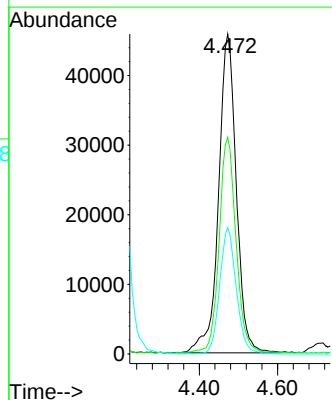
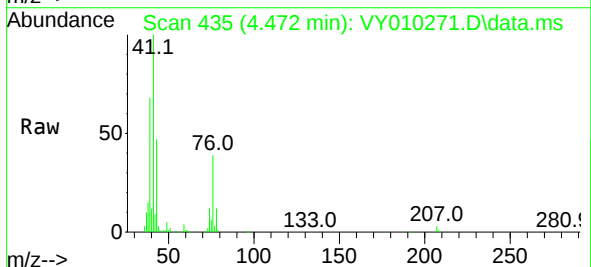
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

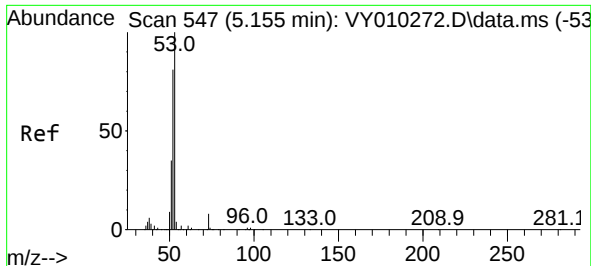
Tgt Ion: 56 Resp: 51925
Ion Ratio Lower Upper
56 100
55 71.2 57.6 86.4



#14
Allyl chloride
Concen: 21.007 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 41 Resp: 144759
Ion Ratio Lower Upper
41 100
39 64.6 58.8 88.2
76 37.0 25.1 37.7

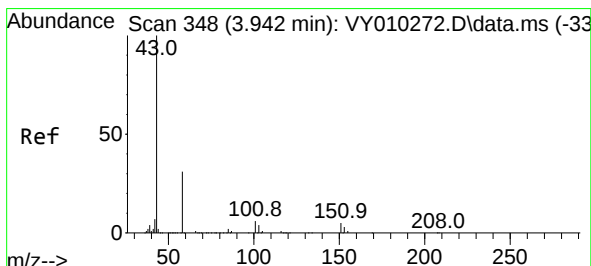
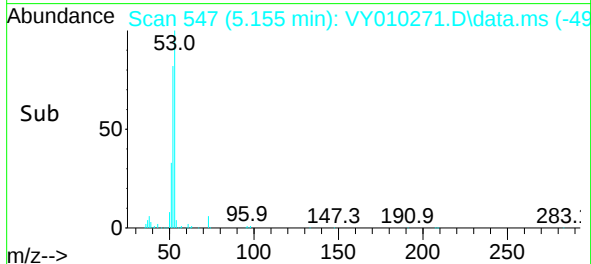
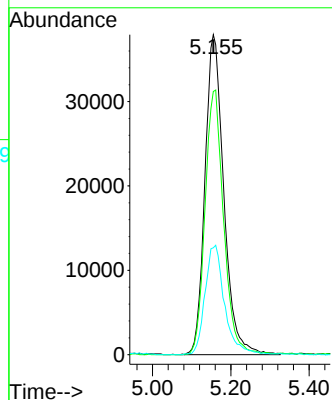
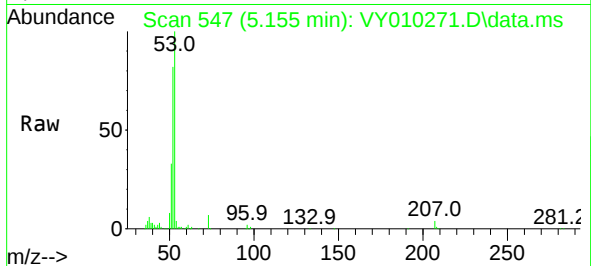




#15
Acrylonitrile
Concen: 103.918 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

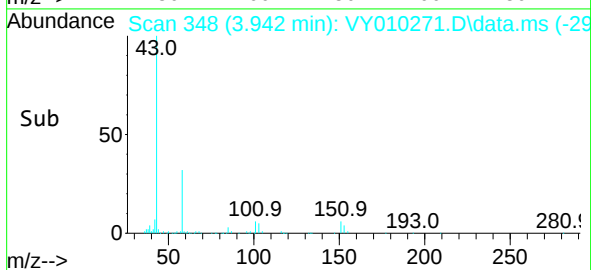
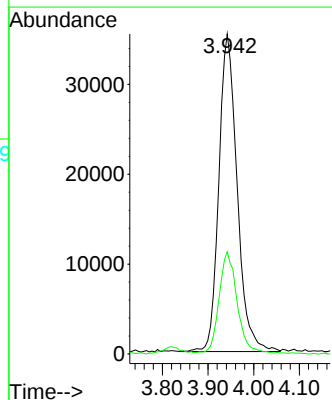
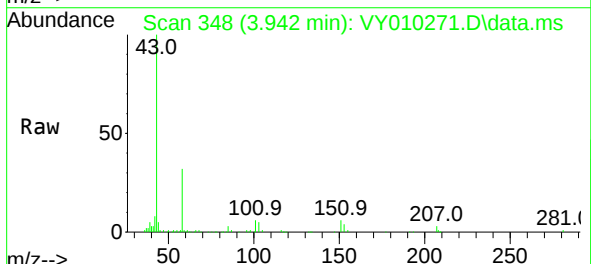
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 126673
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 35.5 29.8 44.6



#16
Acetone
Concen: 97.565 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 43 Resp: 98361
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0

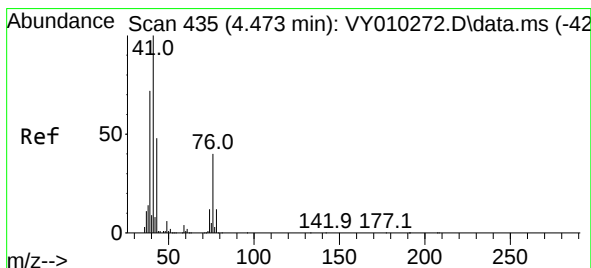
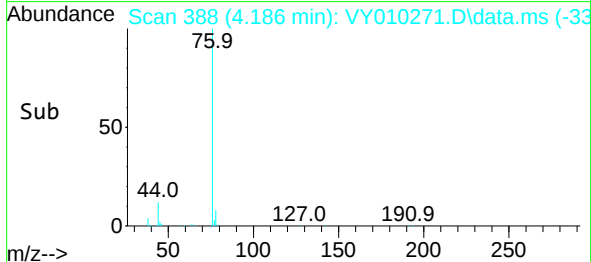
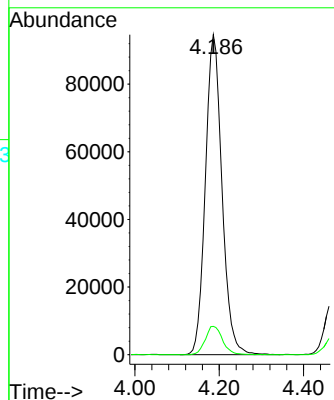
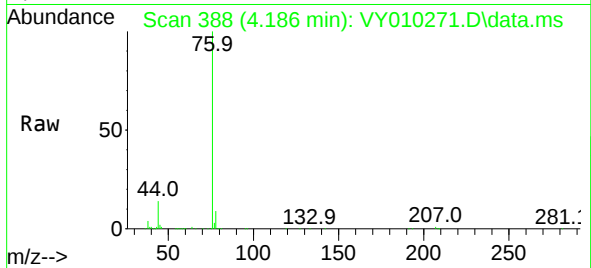




#17
Carbon Disulfide
Concen: 21.729 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

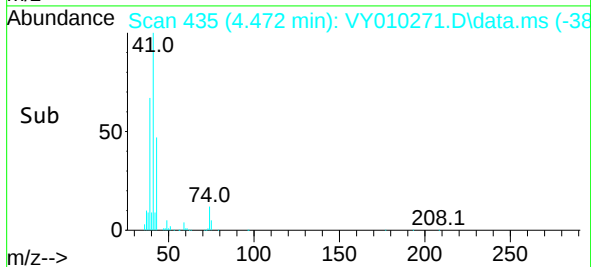
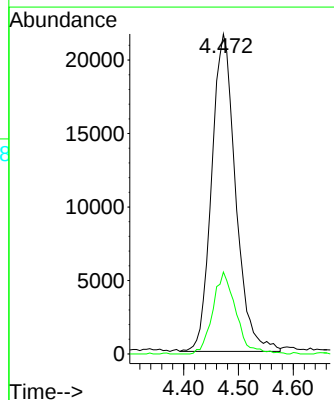
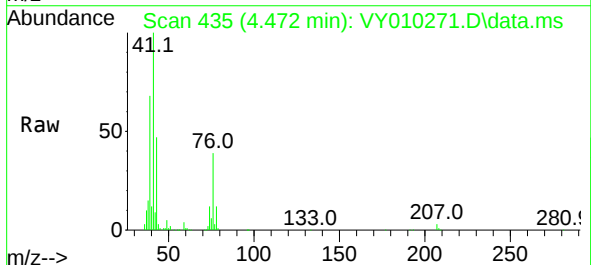
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

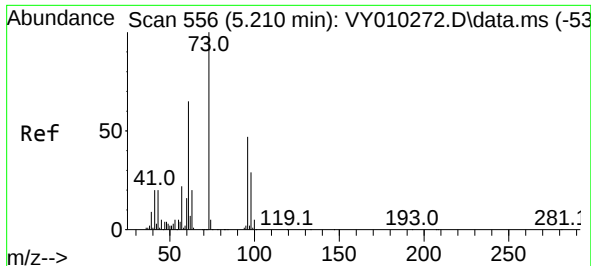
Tgt Ion: 76 Resp: 259135
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.977 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 43 Resp: 65632
Ion Ratio Lower Upper
43 100
74 24.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 20.685 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

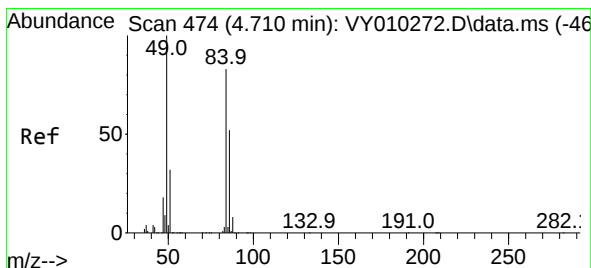
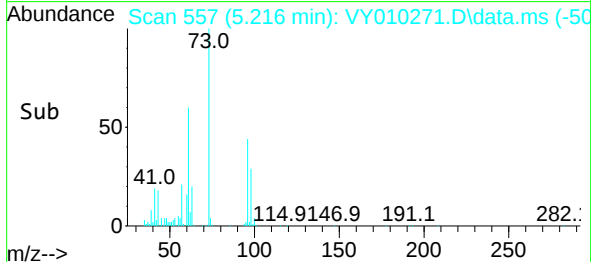
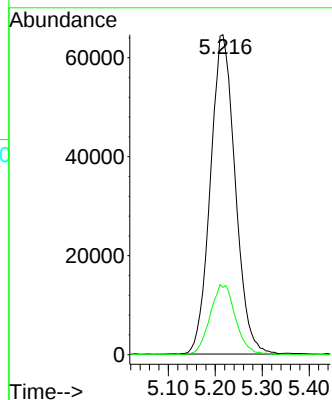
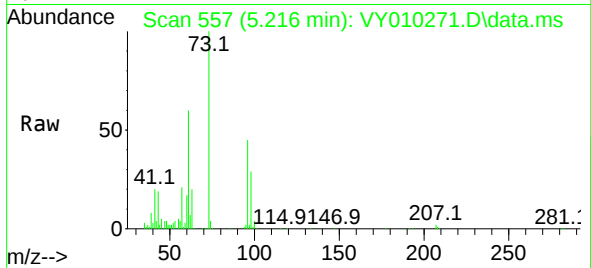
VSTDICC020

Tgt Ion: 73 Resp: 236755

Ion Ratio Lower Upper

73 100

57 21.0 18.6 27.8



#20

Methylene Chloride

Concen: 21.124 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Tgt Ion: 84 Resp: 102770

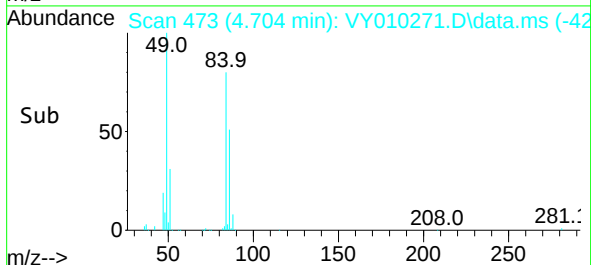
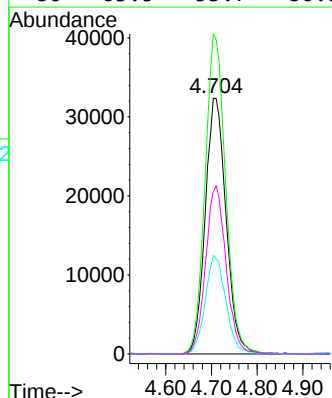
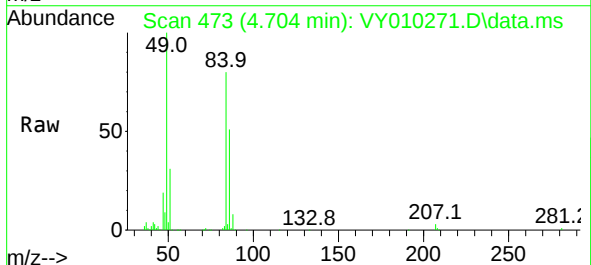
Ion Ratio Lower Upper

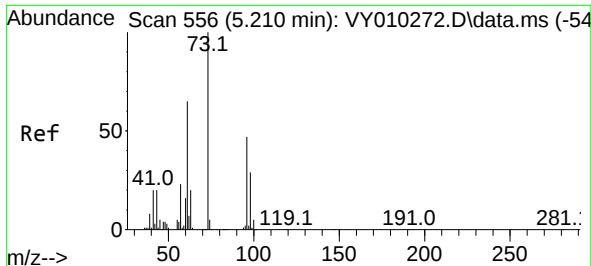
84 100

49 125.0 114.4 171.6

51 38.5 35.3 52.9

86 63.5 53.7 80.5

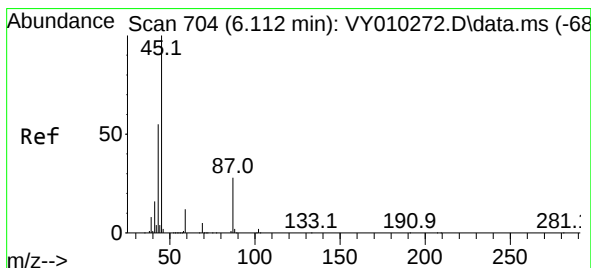
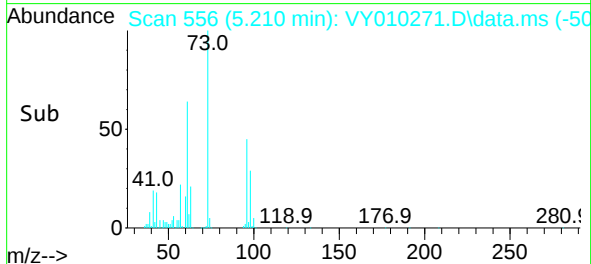
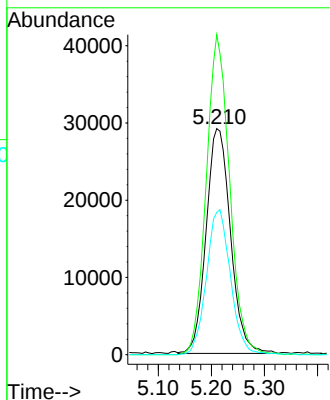
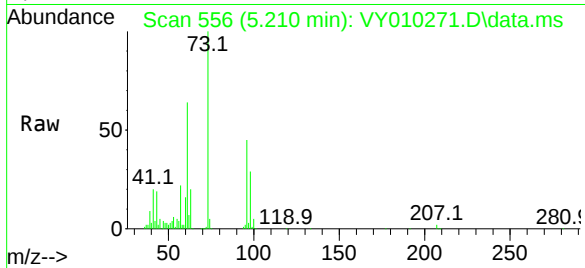




#21
trans-1,2-Dichloroethene
Concen: 20.944 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

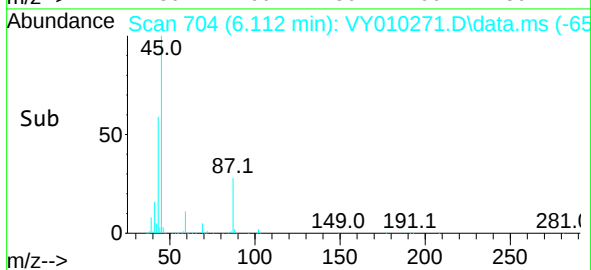
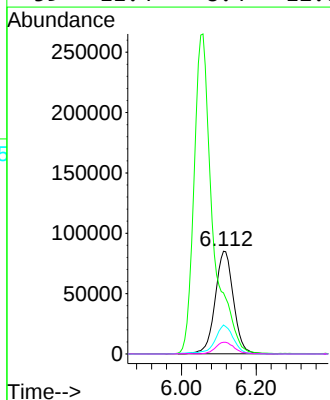
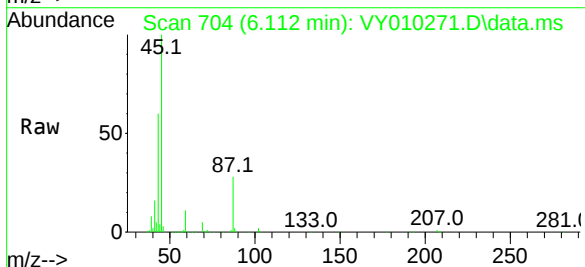
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

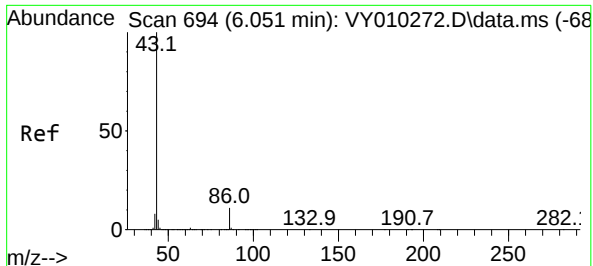
Tgt Ion: 96 Resp: 92923
Ion Ratio Lower Upper
96 100
61 142.8 120.5 180.7
98 63.5 49.8 74.8



#22
Diisopropyl ether
Concen: 20.648 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 45 Resp: 289187
Ion Ratio Lower Upper
45 100
43 59.2 49.3 73.9
87 28.2 19.2 28.8
59 11.4 8.4 12.6

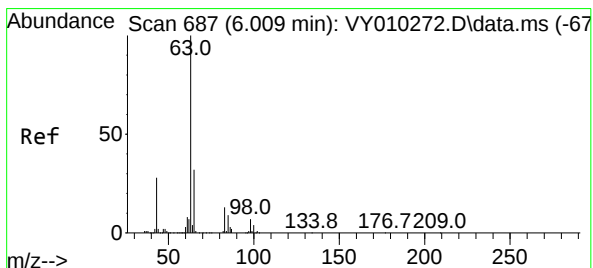
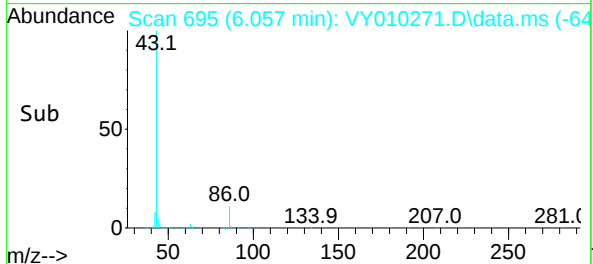
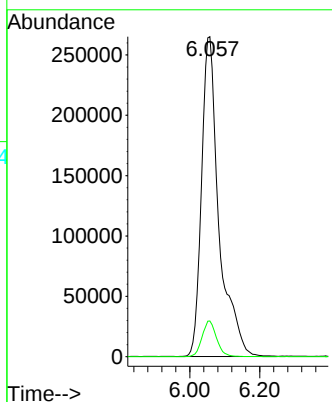
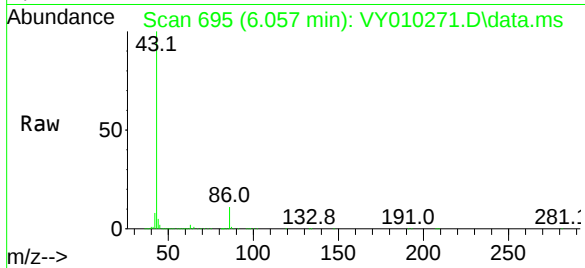




#23
 Vinyl Acetate
 Concen: 104.378 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

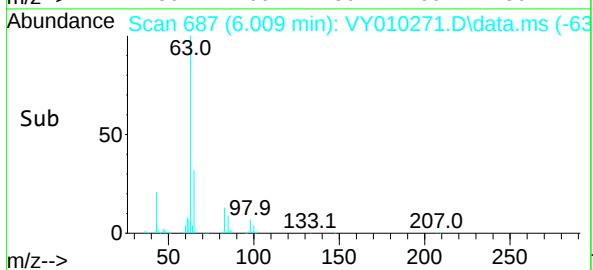
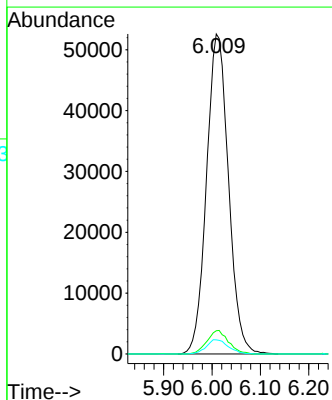
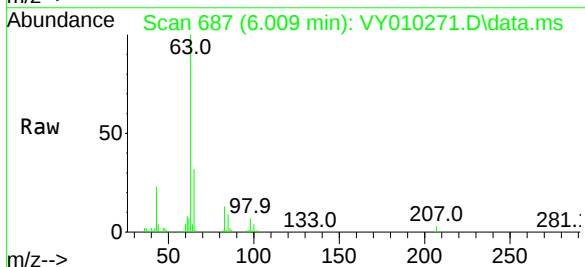
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

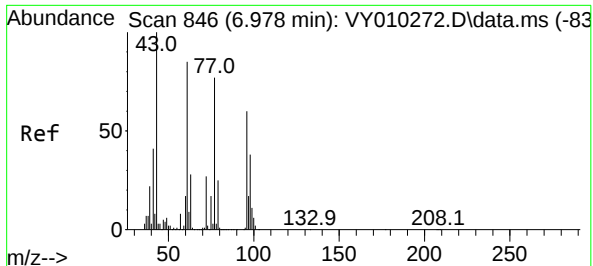
Tgt Ion: 43 Resp: 916570
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.552 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

Tgt Ion: 63 Resp: 165815
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 102.384 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

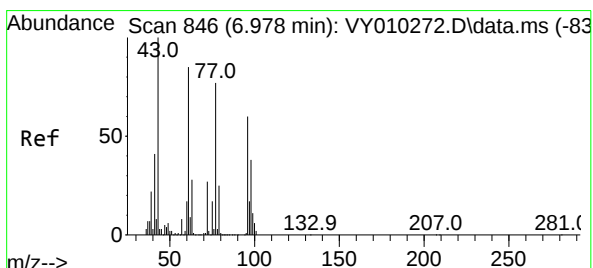
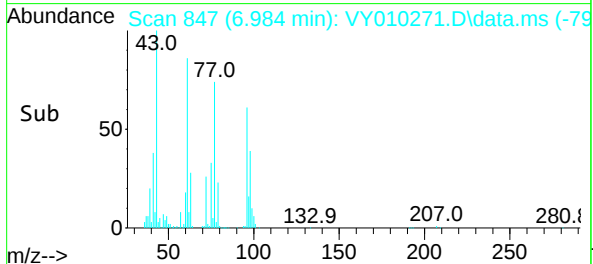
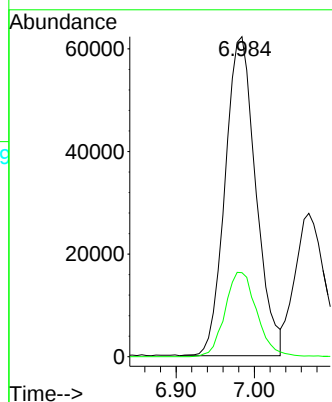
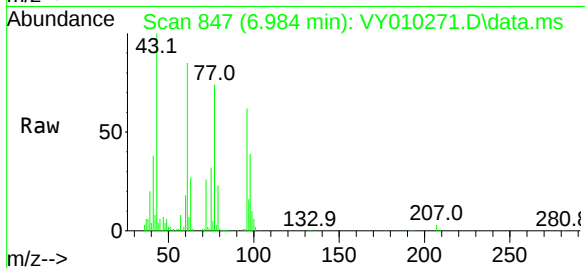
VSTDICC020

Tgt Ion: 43 Resp: 169398

Ion Ratio Lower Upper

43 100

72 26.4 17.7 26.5



#26

2,2-Dichloropropane

Concen: 20.418 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010271.D

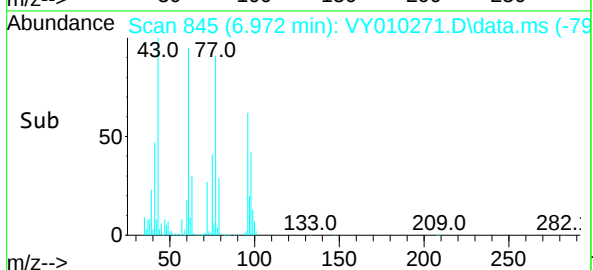
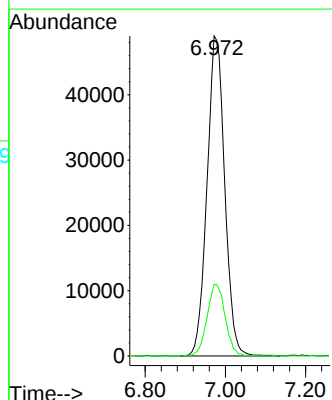
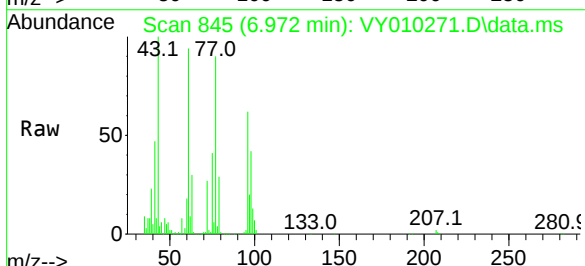
Acq: 02 Sep 2022 10:46

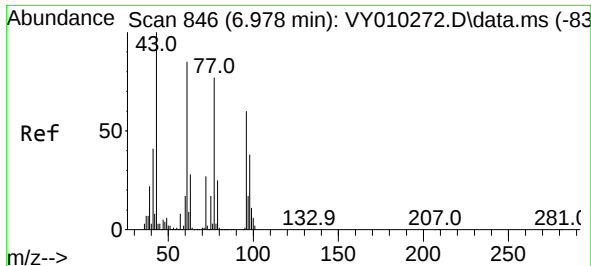
Tgt Ion: 77 Resp: 150039

Ion Ratio Lower Upper

77 100

97 22.9 10.4 31.4



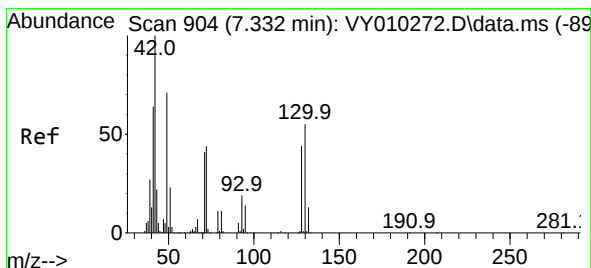
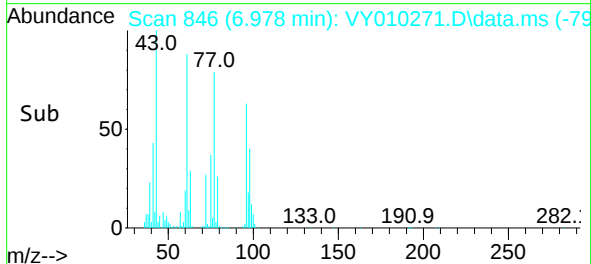
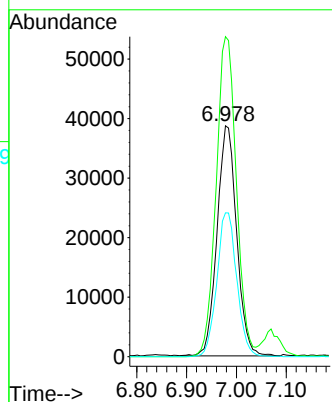
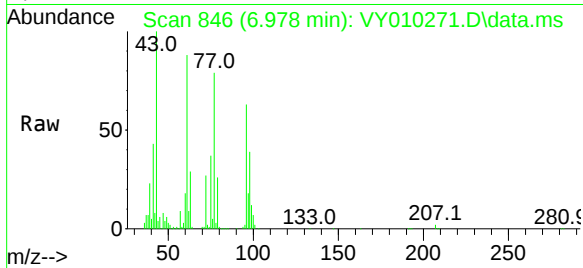


#27
 cis-1,2-Dichloroethene
 Concen: 20.837 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 105652

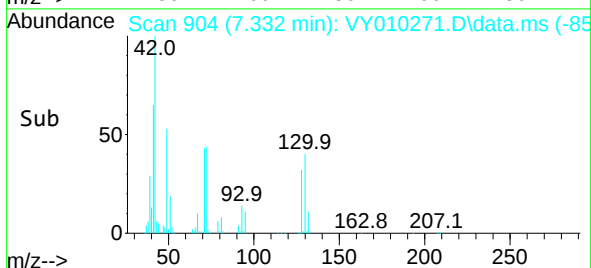
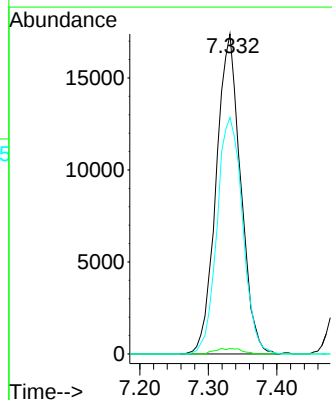
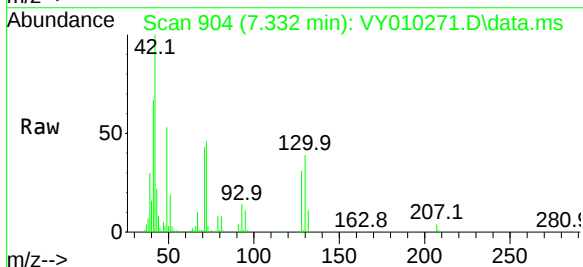
Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	319.8
98	63.6	0.0	127.0

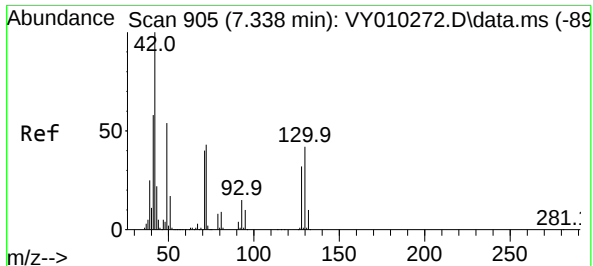


#28
 Bromochloromethane
 Concen: 15.929 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

Tgt Ion: 49 Resp: 43004

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.2
130	77.3	55.4	83.0





#29

Tetrahydrofuran

Concen: 105.538 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

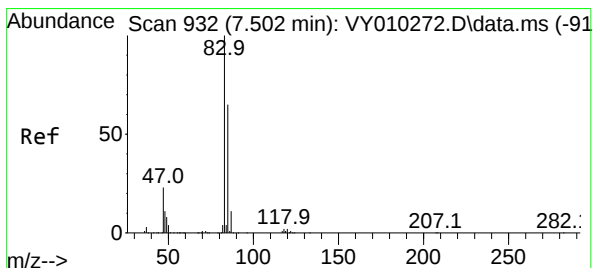
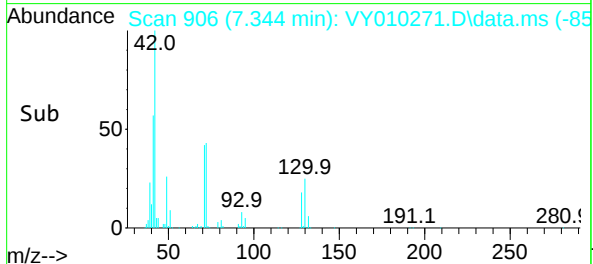
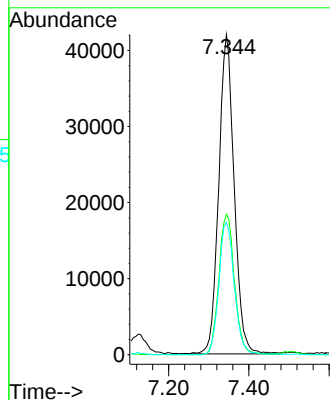
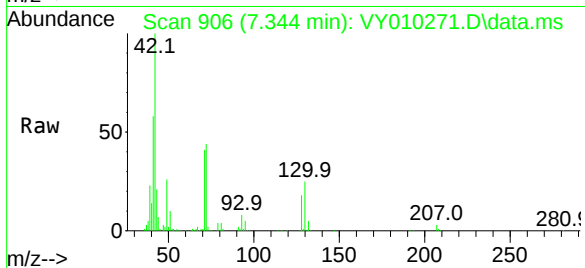
Tgt Ion: 42 Resp: 111924

Ion Ratio Lower Upper

42 100

72 44.7 30.3 45.5

71 41.5 29.0 43.4



#30

Chloroform

Concen: 20.450 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY010271.D

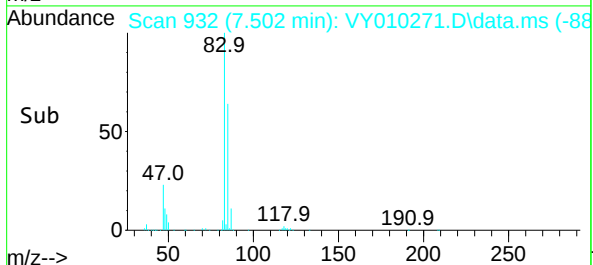
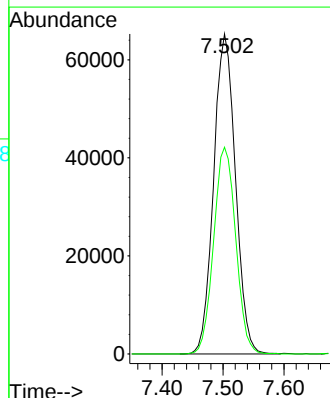
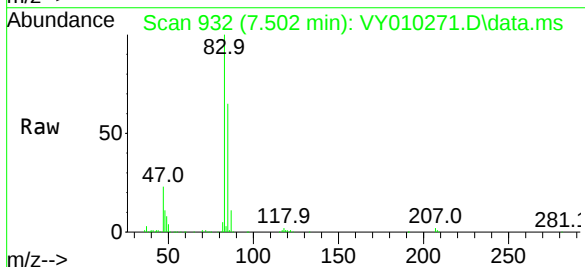
Acq: 02 Sep 2022 10:46

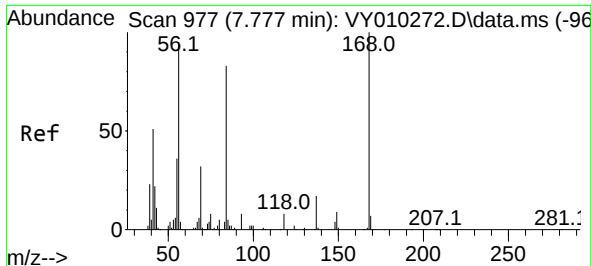
Tgt Ion: 83 Resp: 162478

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6





#31

Cyclohexane

Concen: 20.891 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

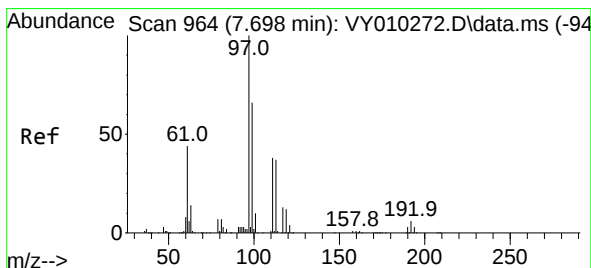
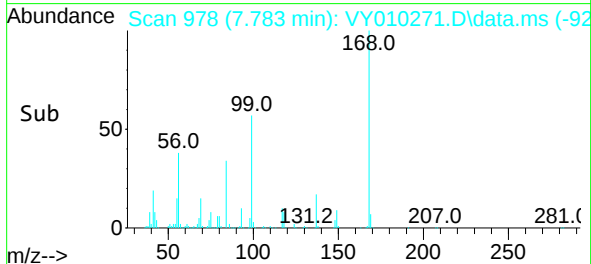
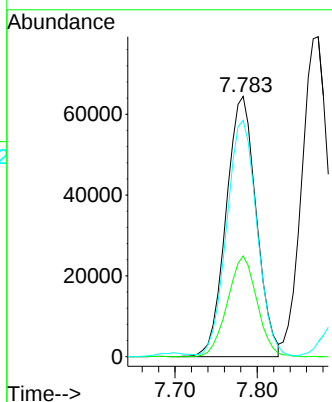
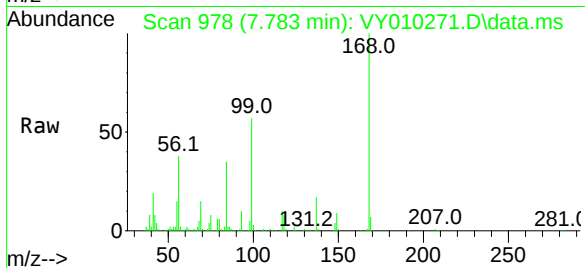
Tgt Ion: 56 Resp: 164350

Ion Ratio Lower Upper

56 100

69 38.7 26.7 40.1

84 89.5 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 20.567 ug/l

RT: 7.697 min Scan# 964

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

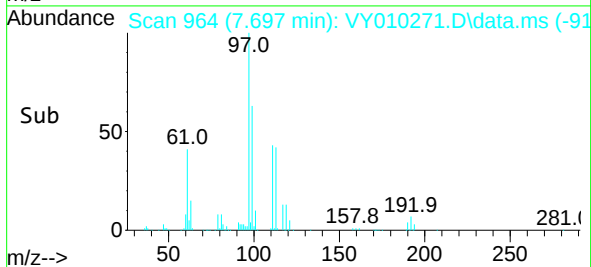
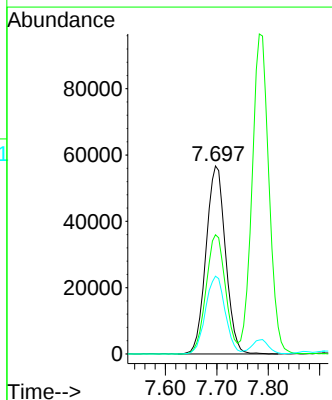
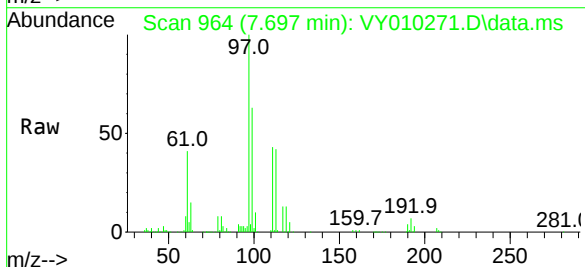
Tgt Ion: 97 Resp: 148896

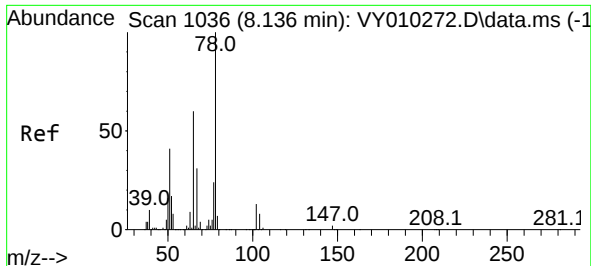
Ion Ratio Lower Upper

97 100

99 63.2 50.7 76.1

61 41.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 19.163 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

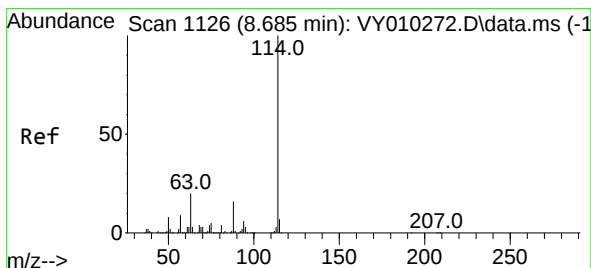
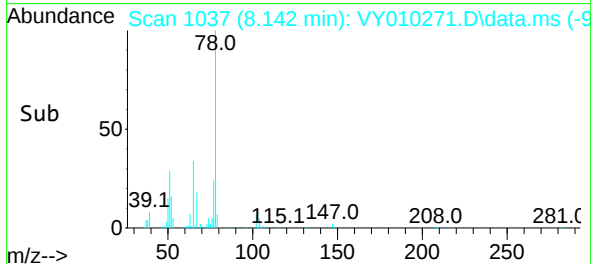
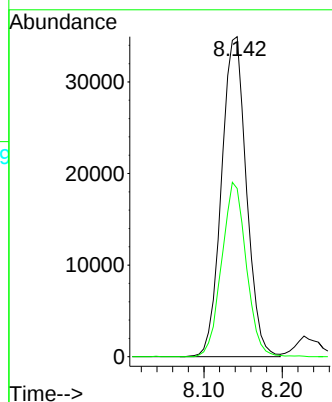
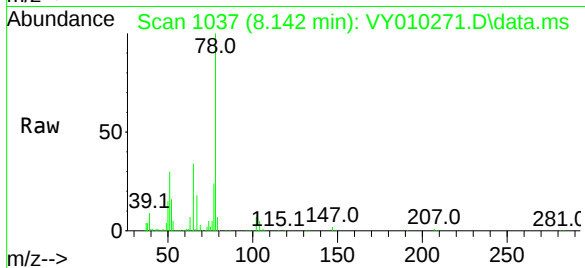
VSTDIC020

Tgt Ion: 65 Resp: 77276

Ion Ratio Lower Upper

65 100

67 53.7 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: VY010271.D

Acq: 02 Sep 2022 10:46

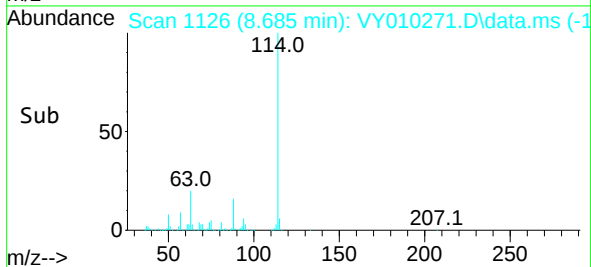
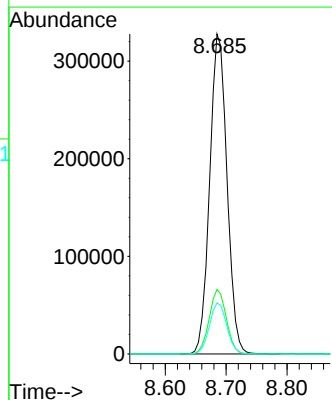
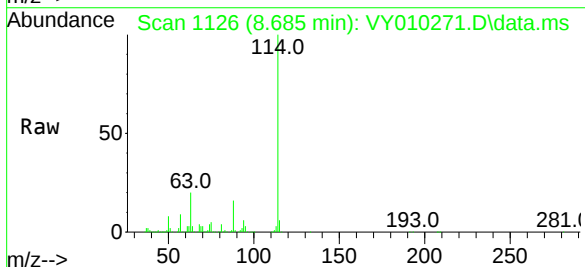
Tgt Ion: 114 Resp: 647074

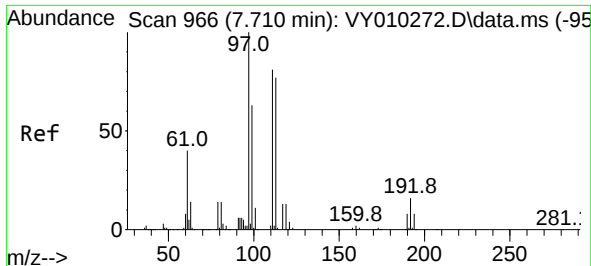
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.9 0.0 31.8

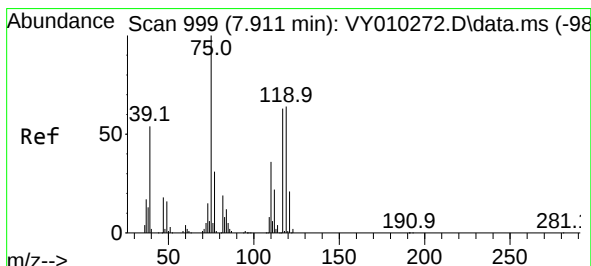
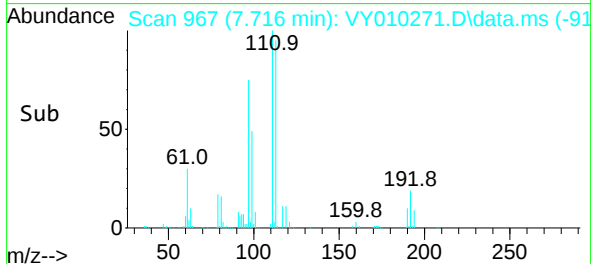
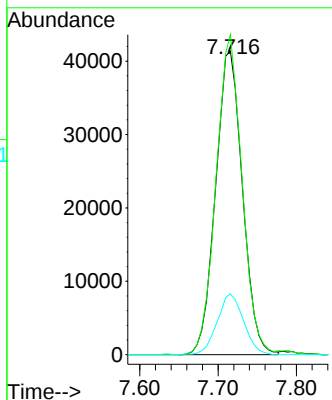
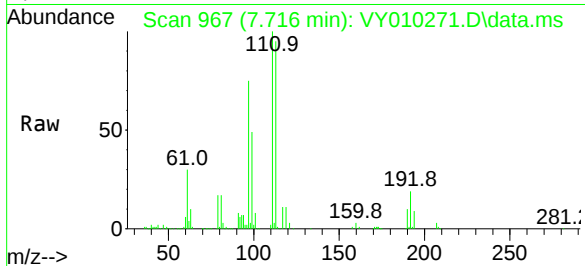




#35
Dibromofluoromethane
Concen: 22.910 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

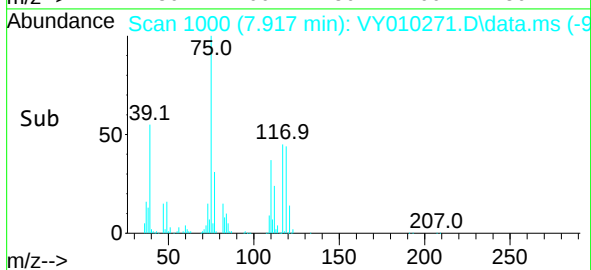
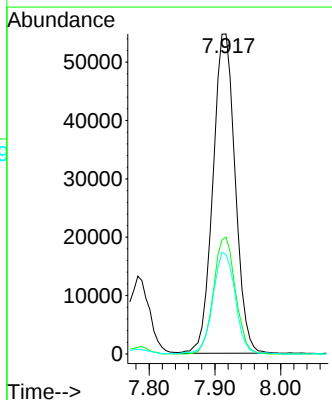
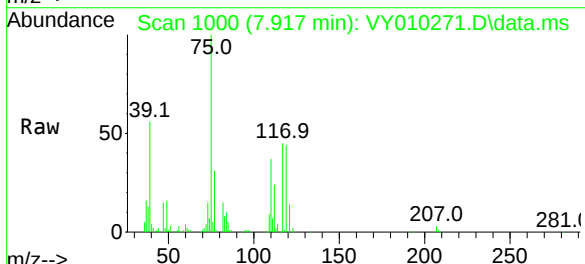
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

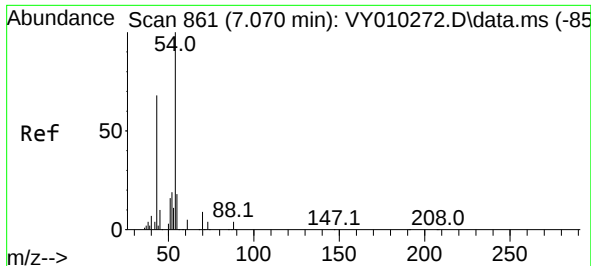
Tgt Ion:113 Resp: 98688
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.406 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 75 Resp: 128972
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 31.6 24.4 36.6

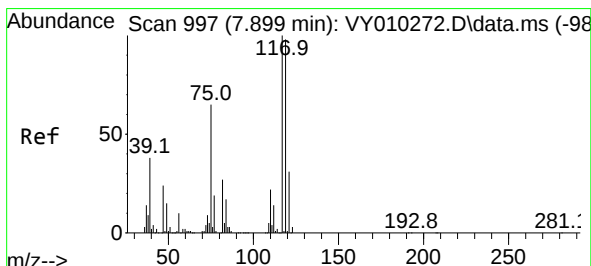
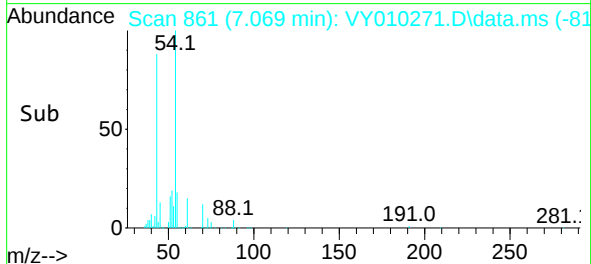
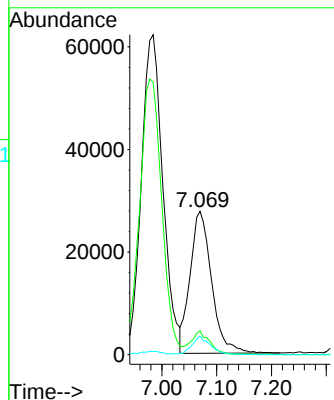
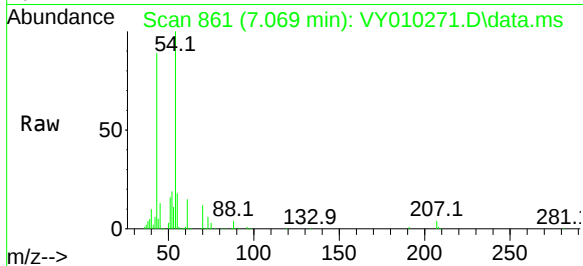




#37
Ethyl Acetate
Concen: 20.827 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

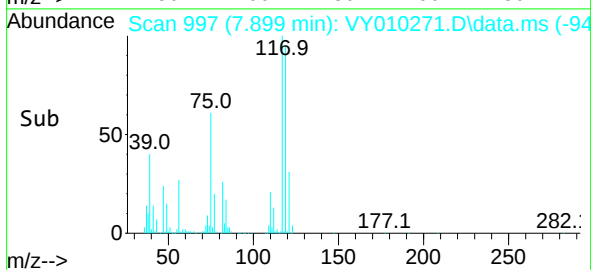
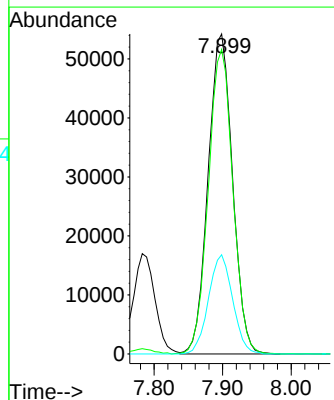
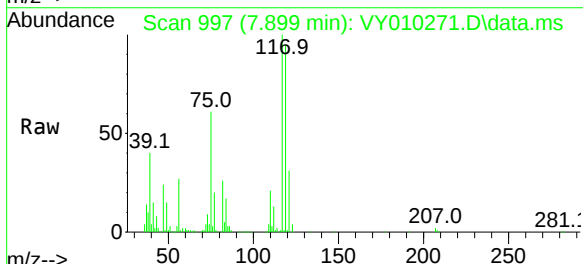
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

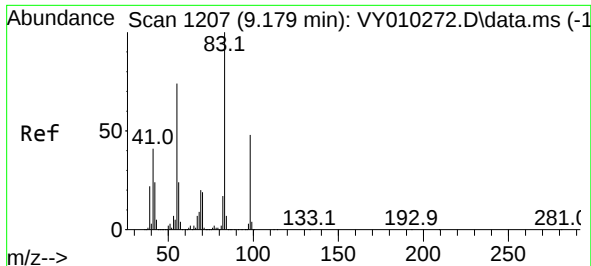
Tgt Ion: 43 Resp: 75470
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.597 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 117 Resp: 134163
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 20.853 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

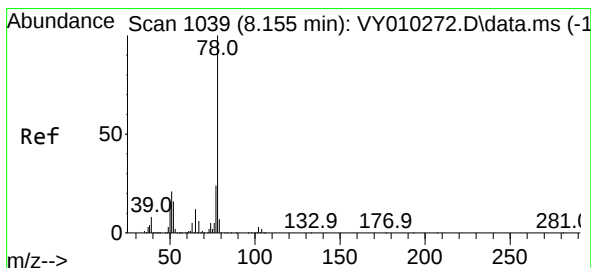
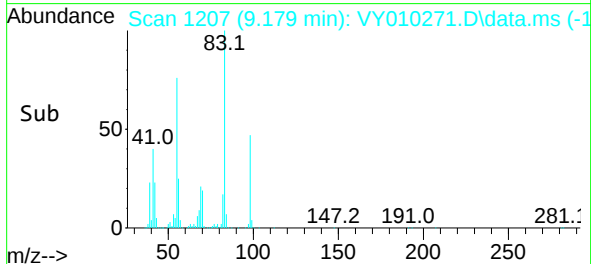
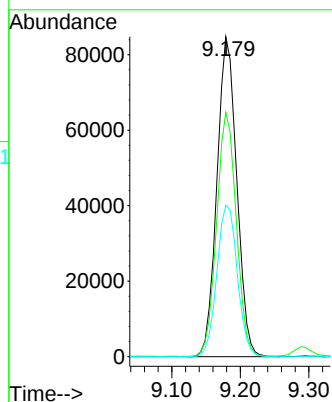
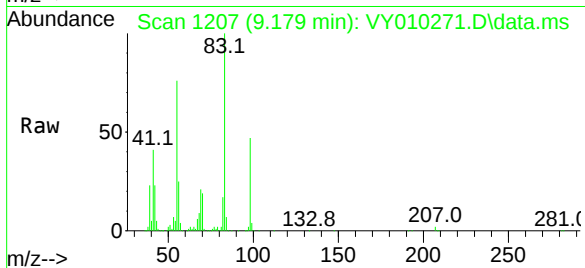
Tgt Ion: 83 Resp: 170156

Ion Ratio Lower Upper

83 100

55 76.2 66.5 99.7

98 47.3 37.9 56.9



#40

Benzene

Concen: 20.430 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010271.D

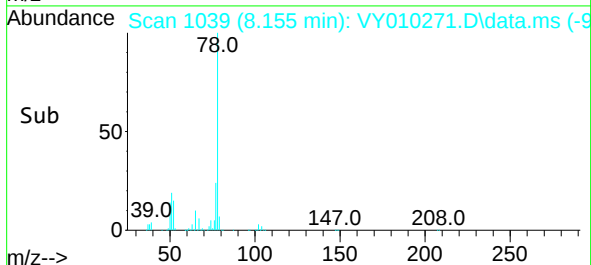
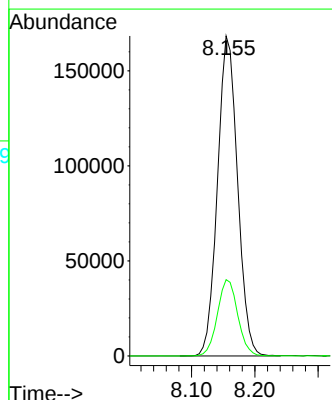
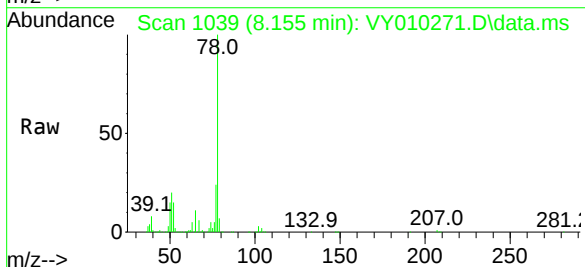
Acq: 02 Sep 2022 10:46

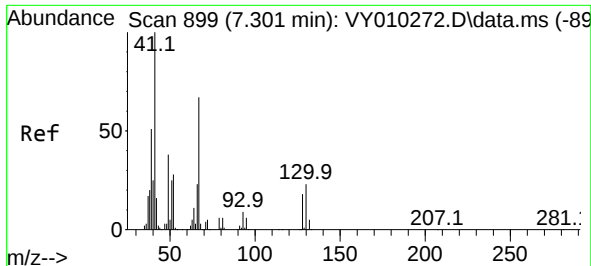
Tgt Ion: 78 Resp: 369807

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

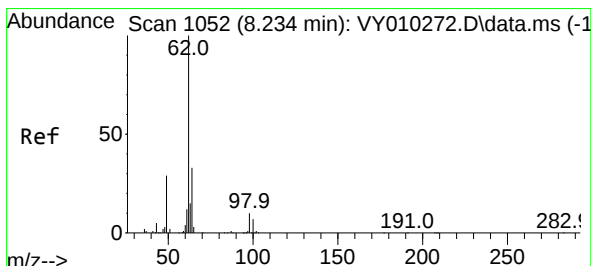
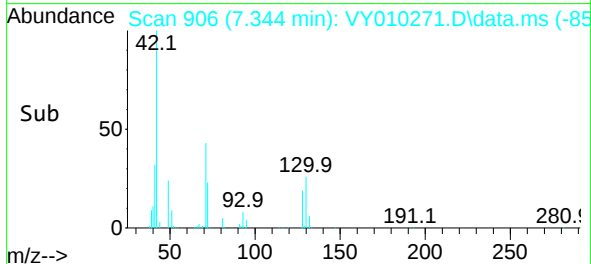
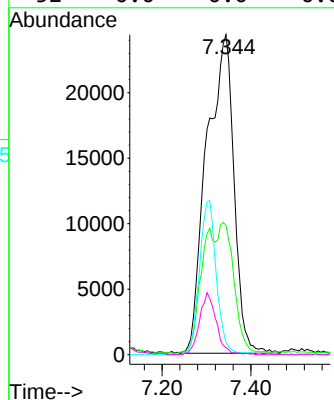
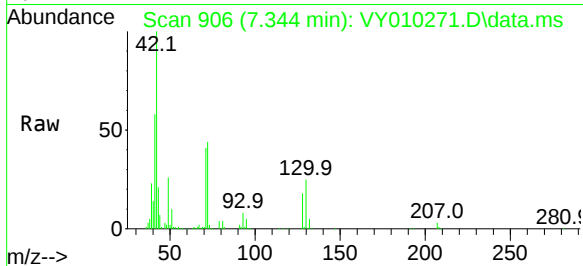




#41
Methacrylonitrile
Concen: 50.485 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

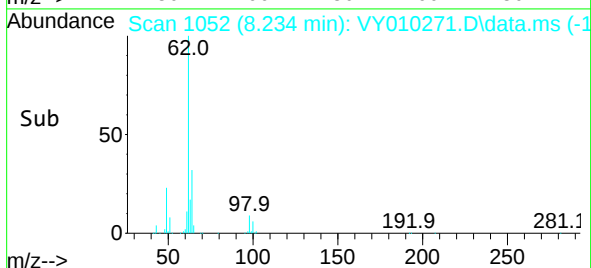
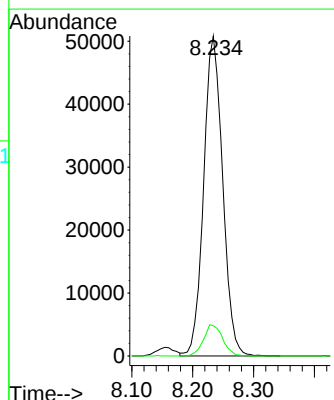
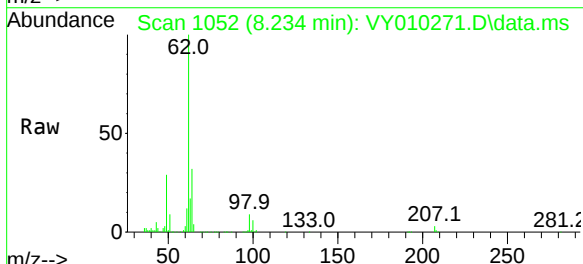
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

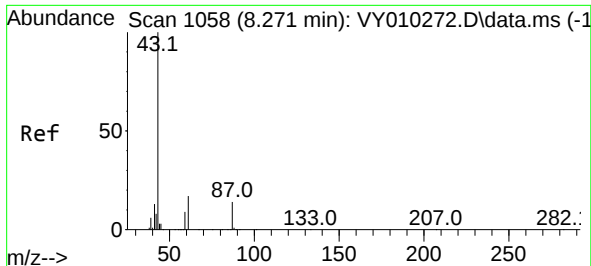
Tgt Ion: 41 Resp: 103425
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.965 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 62 Resp: 110032
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8

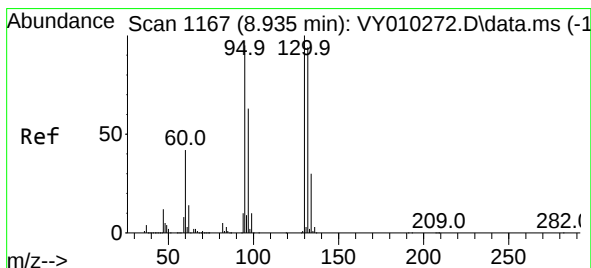
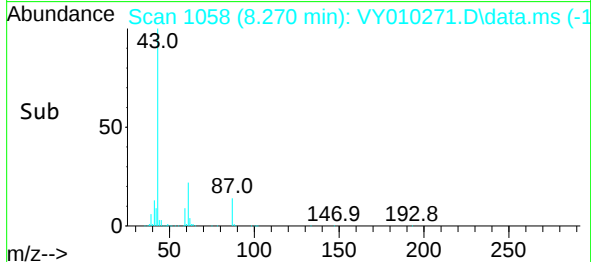
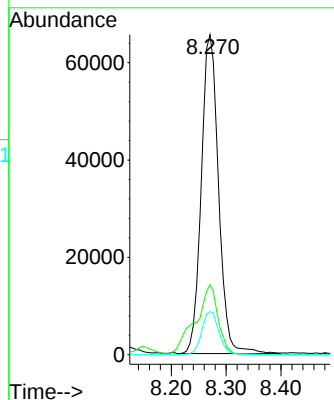
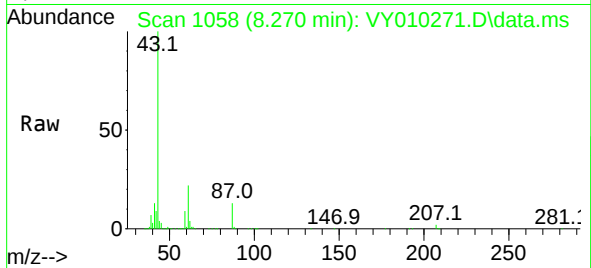




#43
Isopropyl Acetate
Concen: 20.688 ug/l
RT: 8.270 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

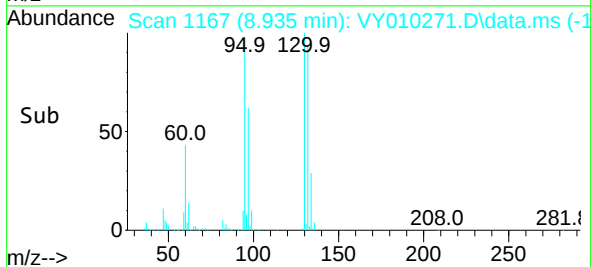
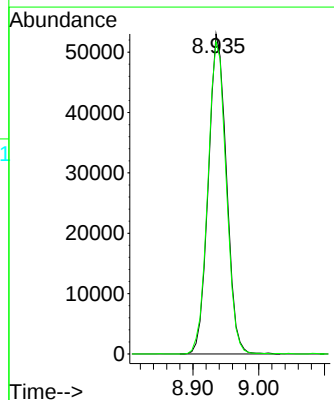
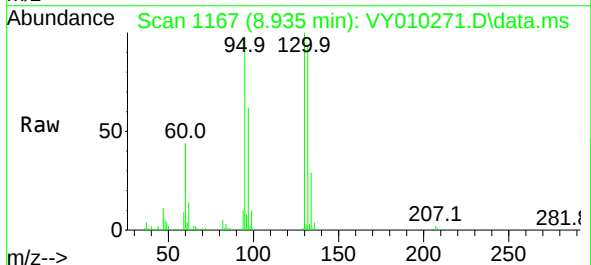
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 142898
Ion Ratio Lower Upper
43 100
61 28.7 20.2 30.2
87 13.7 8.9 13.3#



#44
Trichloroethene
Concen: 20.449 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion:130 Resp: 101617
Ion Ratio Lower Upper
130 100
95 97.5 0.0 188.2

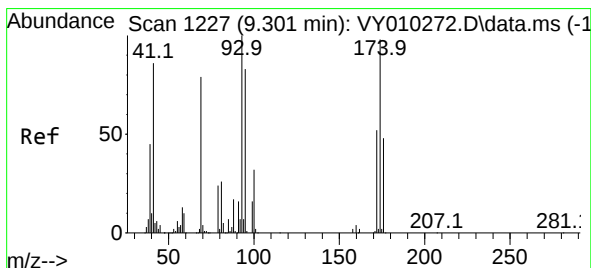
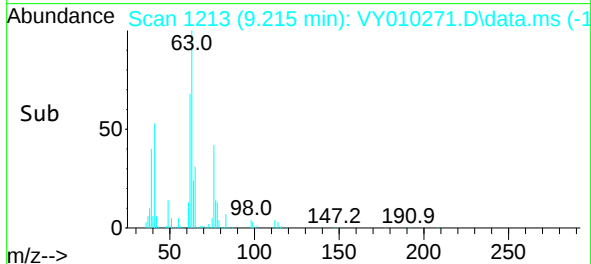
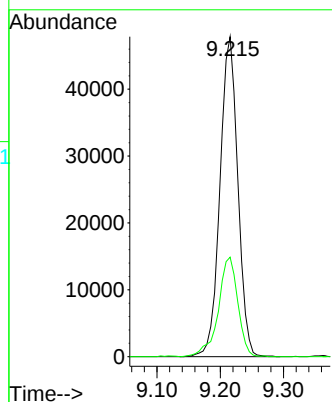
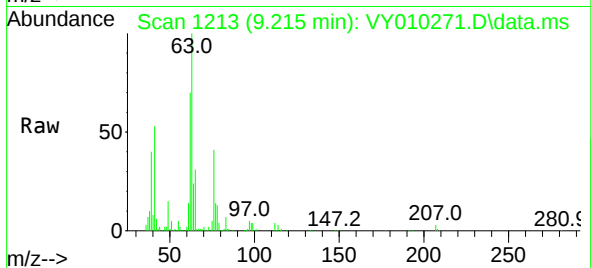




#45
1,2-Dichloropropane
Concen: 20.254 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

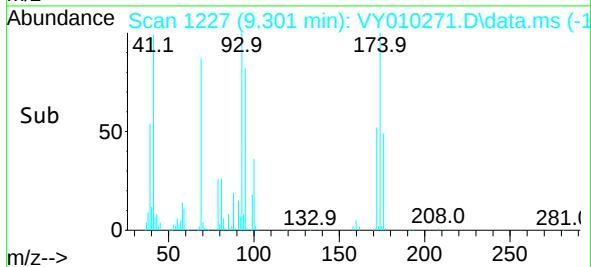
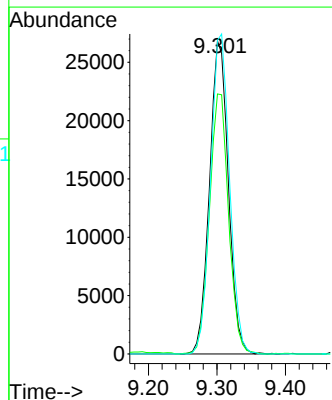
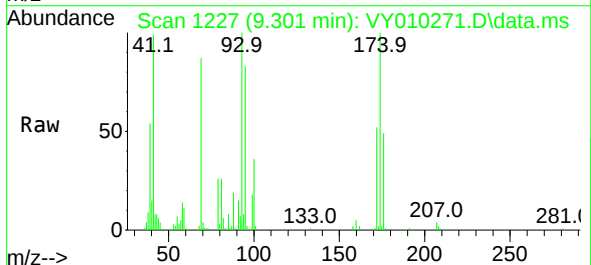
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

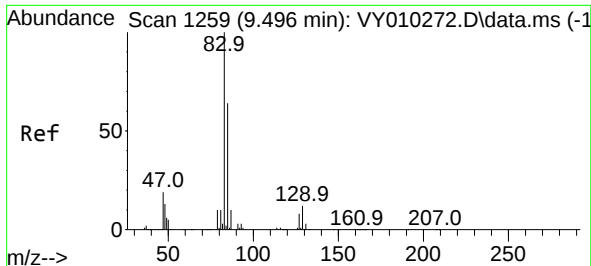
Tgt Ion: 63 Resp: 93405
Ion Ratio Lower Upper
63 100
65 31.1 23.0 34.6



#46
Dibromomethane
Concen: 20.345 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 93 Resp: 51534
Ion Ratio Lower Upper
93 100
95 84.3 64.3 96.5
174 102.6 83.4 125.0

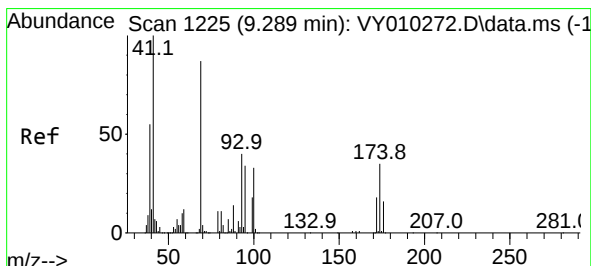
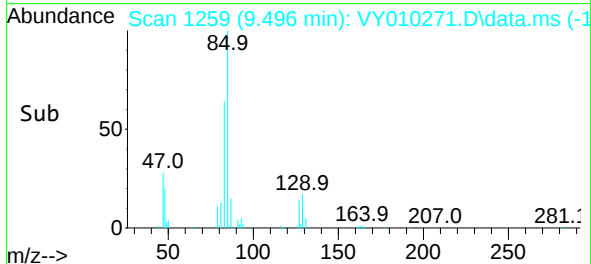
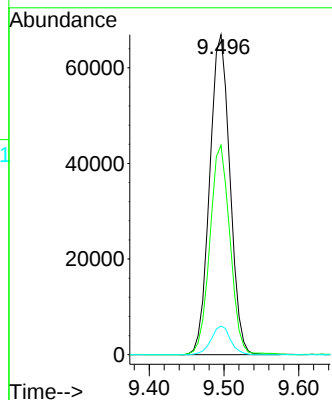
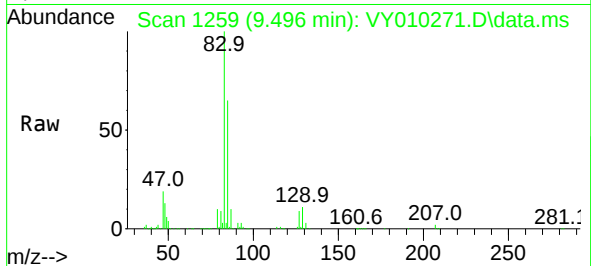




#47
Bromodichloromethane
Concen: 20.203 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

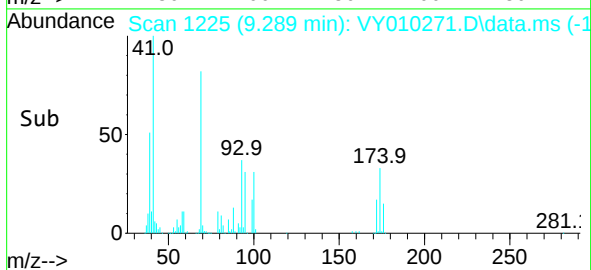
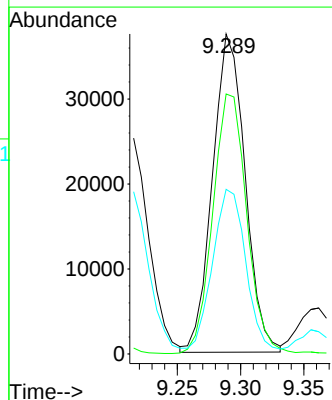
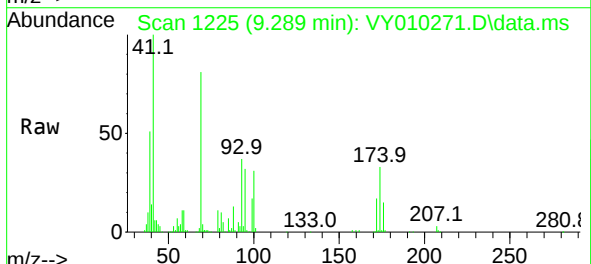
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

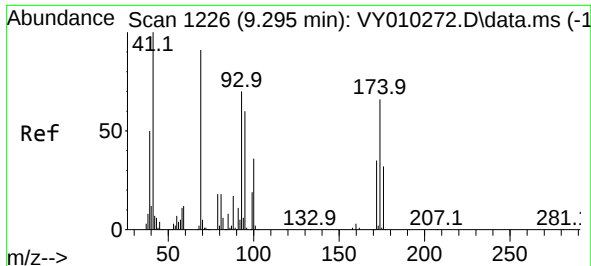
Tgt Ion: 83 Resp: 125847
Ion Ratio Lower Upper
83 100
85 65.5 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 20.817 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 41 Resp: 67074
Ion Ratio Lower Upper
41 100
69 84.9 58.2 87.2
39 50.2 47.4 71.0





#49

1,4-Dioxane

Concen: 405.416 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

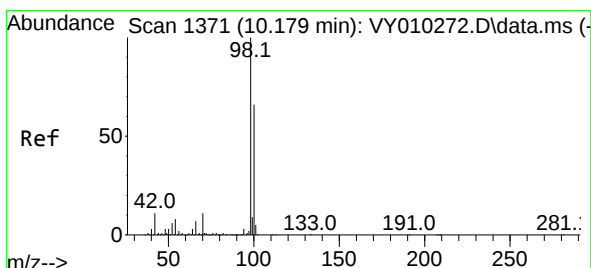
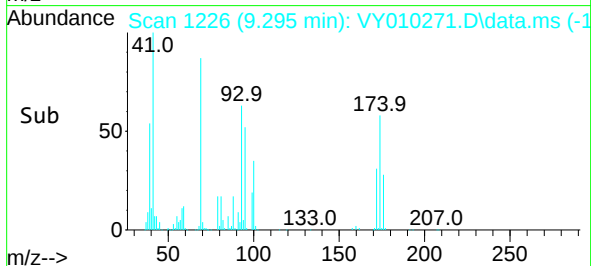
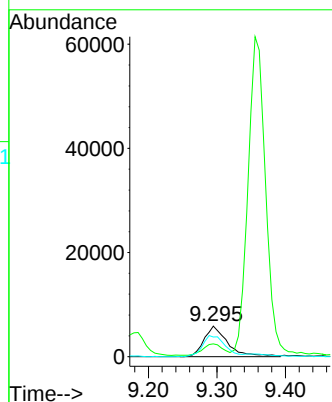
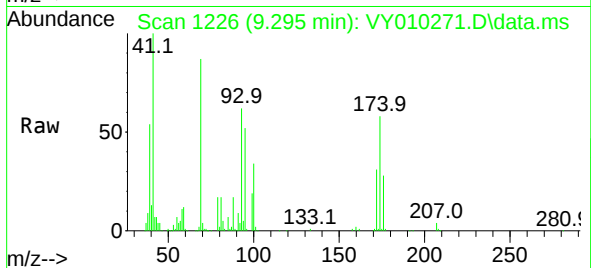
Tgt Ion: 88 Resp: 14130

Ion Ratio Lower Upper

88 100

43 32.7 32.8 49.2#

58 65.9 59.8 89.6



#50

Toluene-d8

Concen: 16.607 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010271.D

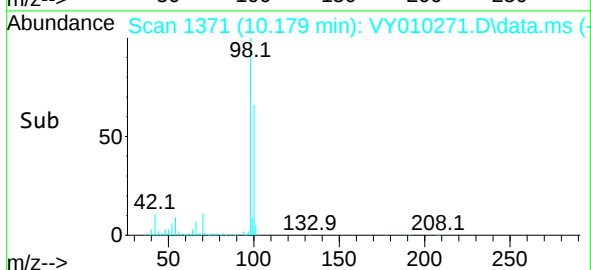
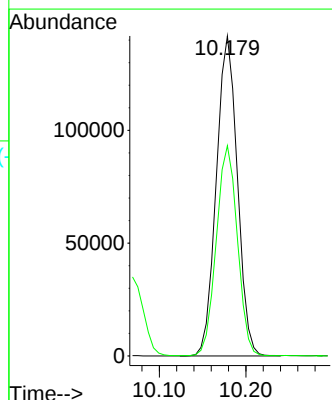
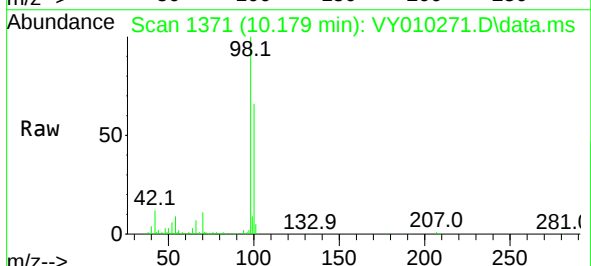
Acq: 02 Sep 2022 10:46

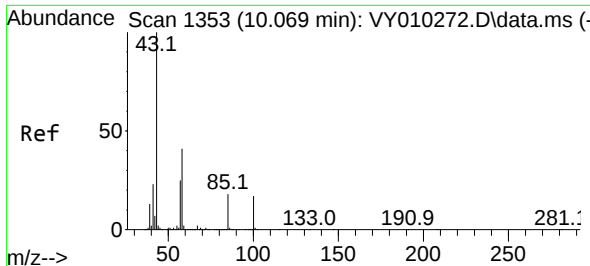
Tgt Ion: 98 Resp: 239504

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

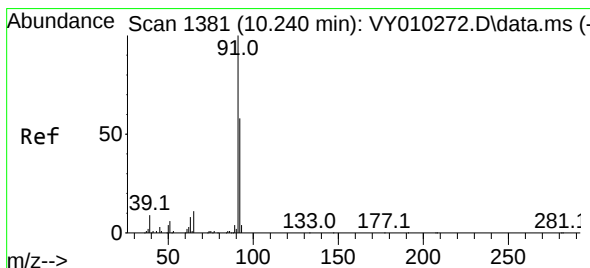
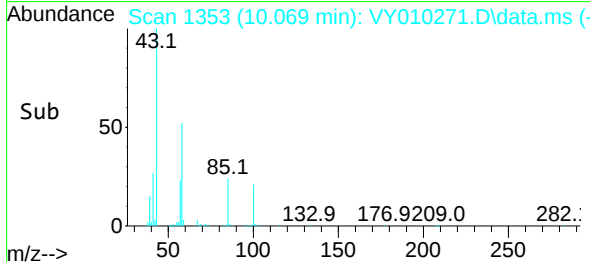
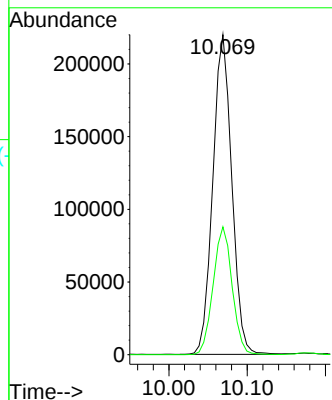
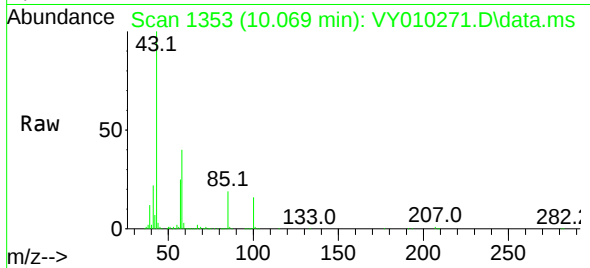




#51
4-Methyl-2-Pentanone
Concen: 103.772 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

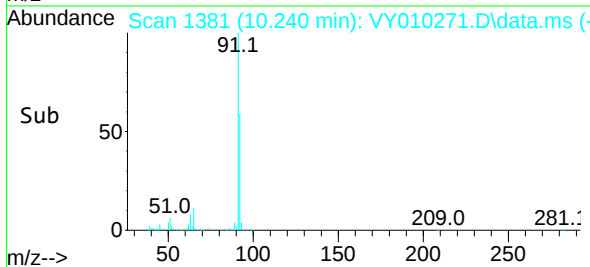
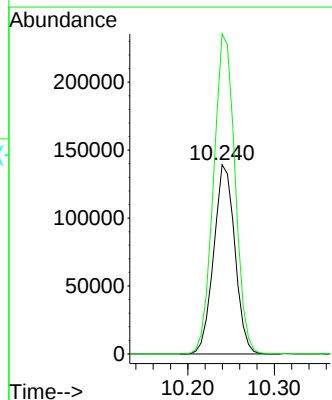
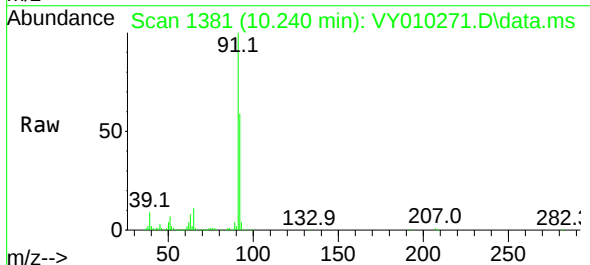
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

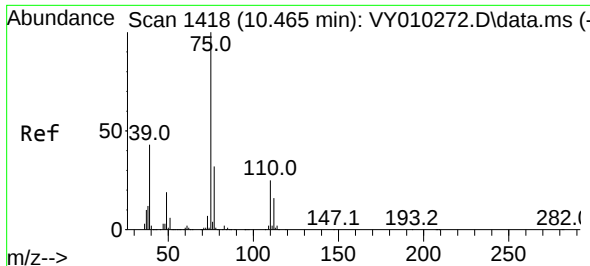
Tgt Ion: 43 Resp: 369817
Ion Ratio Lower Upper
43 100
58 40.1 28.1 42.1



#52
Toluene
Concen: 20.421 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 92 Resp: 236462
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

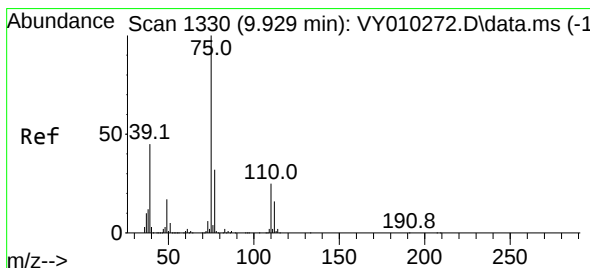
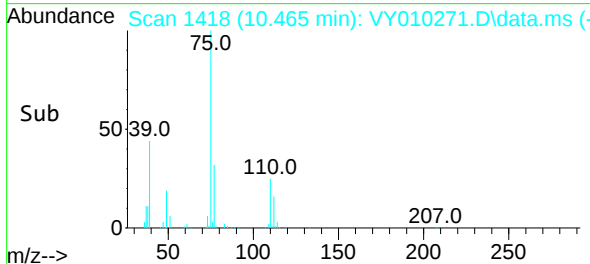
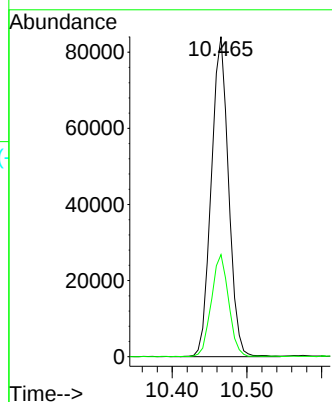
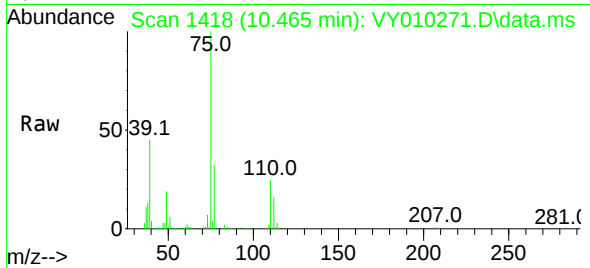




#53
t-1,3-Dichloropropene
Concen: 20.106 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

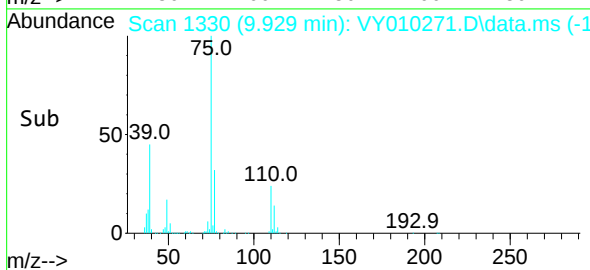
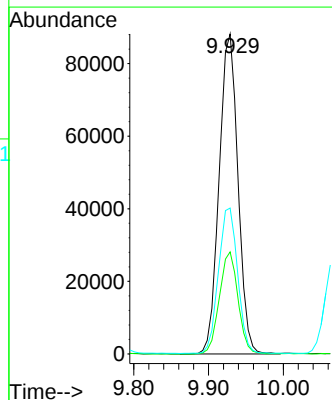
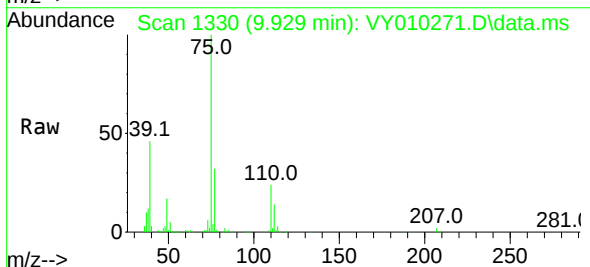
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

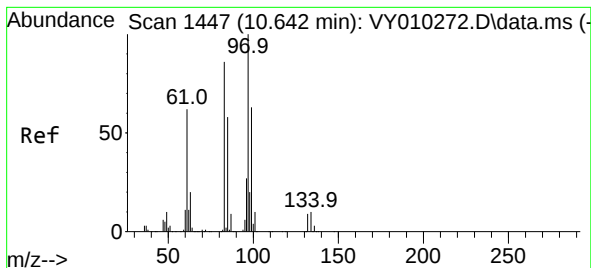
Tgt Ion: 75 Resp: 135086
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.380 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 75 Resp: 154391
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 45.4 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 20.662 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 74292

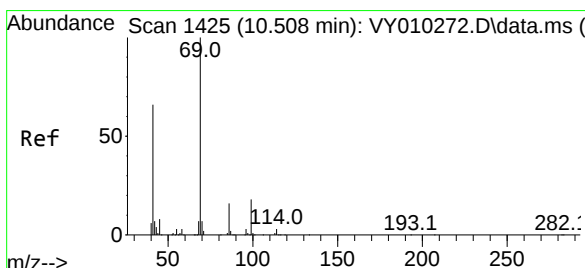
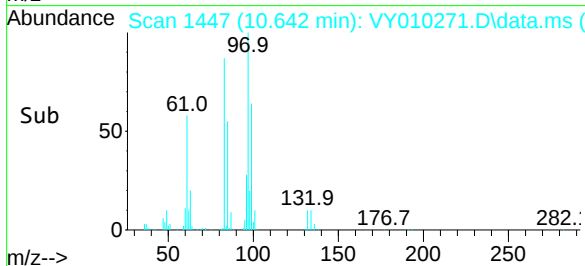
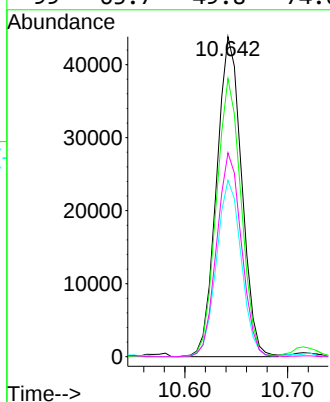
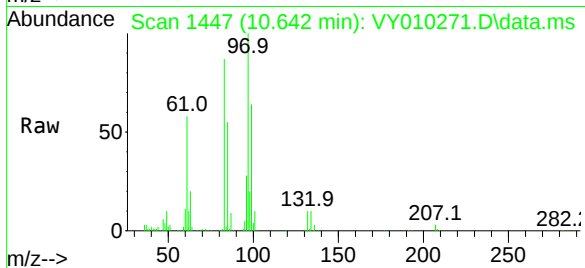
Ion Ratio Lower Upper

97 100

83 87.0 69.8 104.8

85 55.1 44.3 66.5

99 63.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 20.290 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

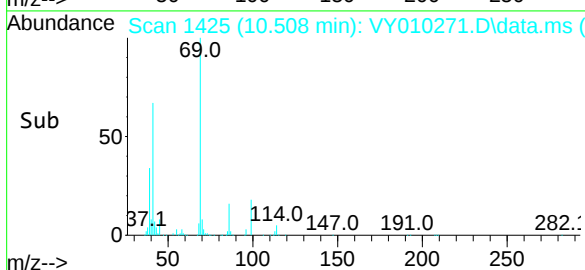
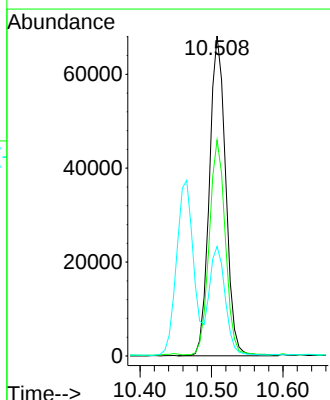
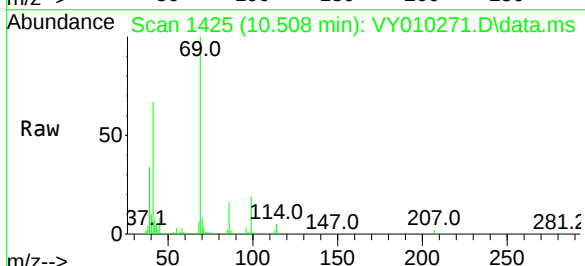
Tgt Ion: 69 Resp: 107787

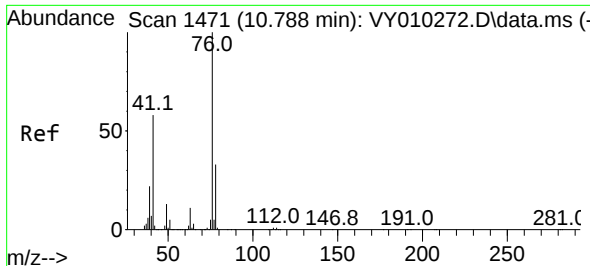
Ion Ratio Lower Upper

69 100

41 66.1 63.4 95.0

39 32.1 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 20.661 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

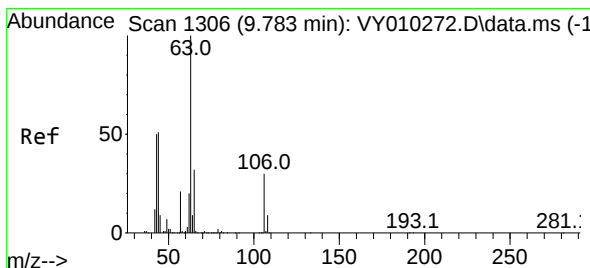
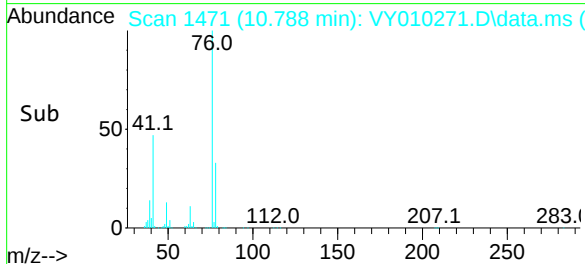
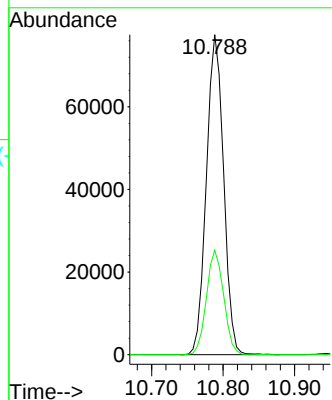
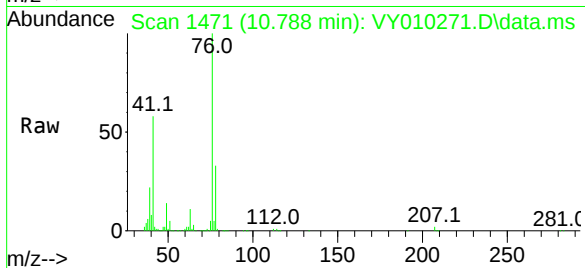
VSTDIC020

Tgt Ion: 76 Resp: 129489

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 121.411 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010271.D

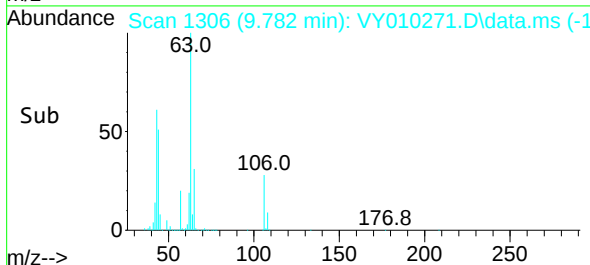
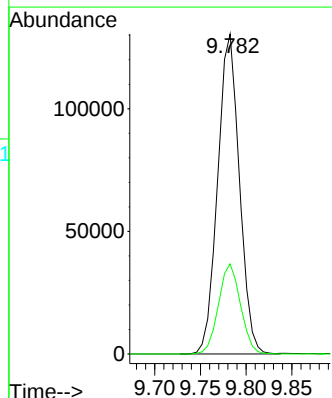
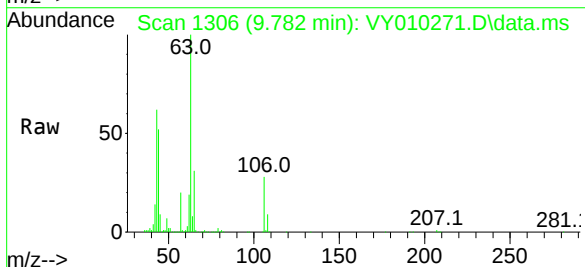
Acq: 02 Sep 2022 10:46

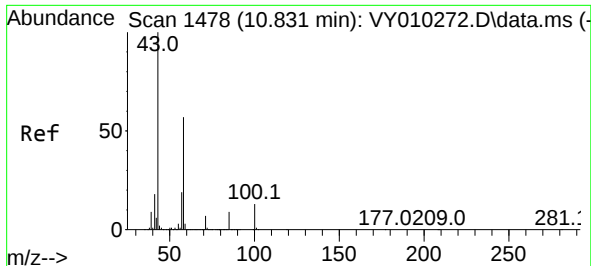
Tgt Ion: 63 Resp: 215909

Ion Ratio Lower Upper

63 100

106 28.5 21.5 32.3

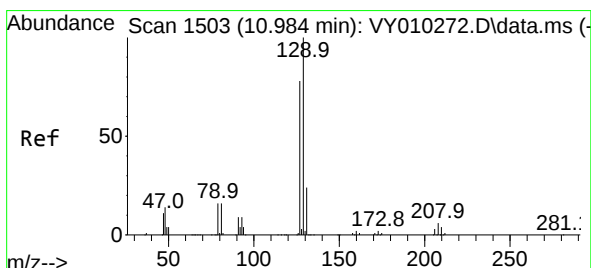
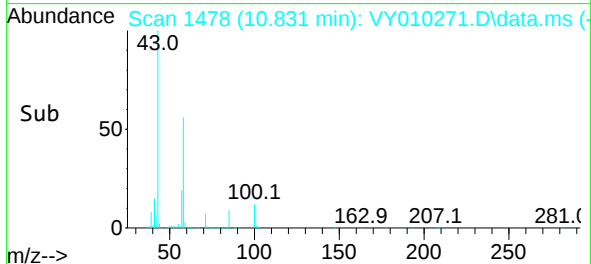
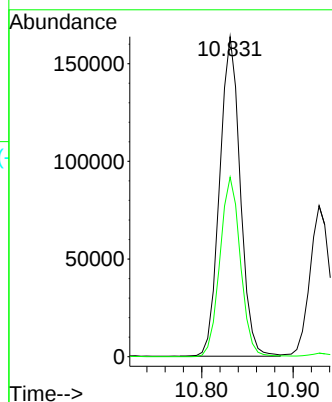
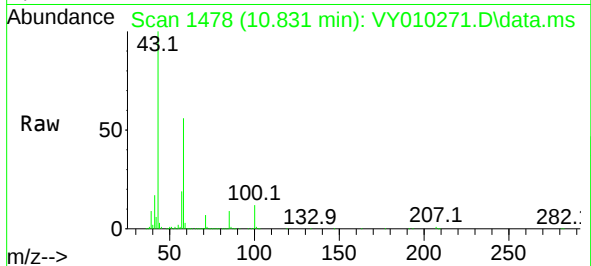




#59
2-Hexanone
Concen: 103.602 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

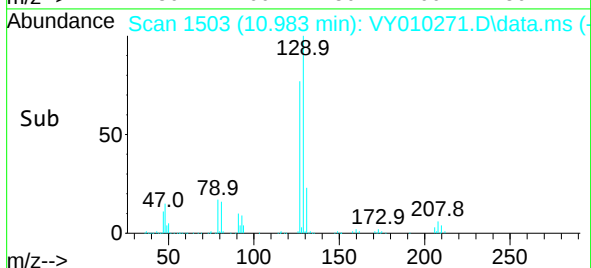
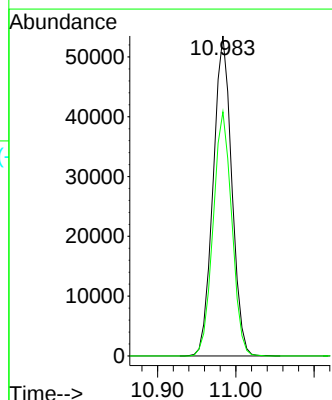
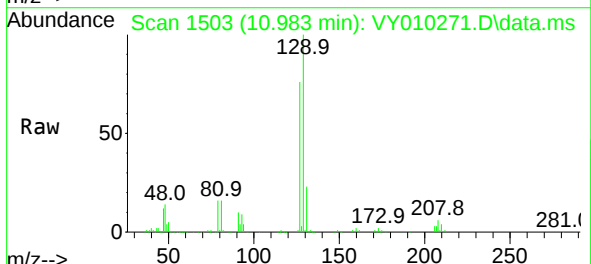
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

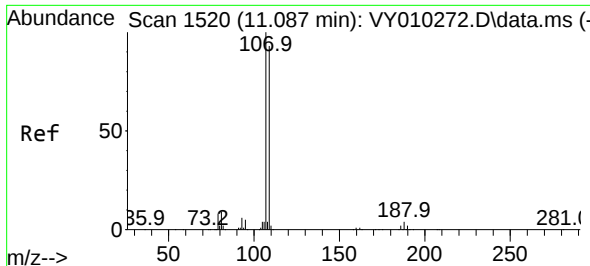
Tgt Ion: 43 Resp: 256021
Ion Ratio Lower Upper
43 100
58 56.1 24.4 73.4



#60
Dibromochloromethane
Concen: 20.400 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 129 Resp: 88388
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

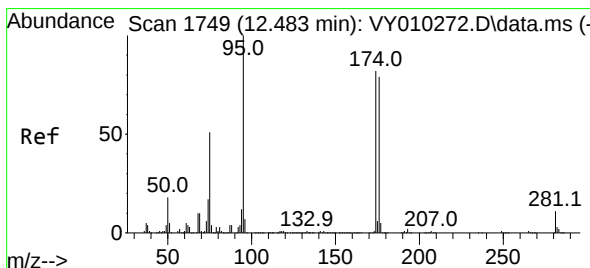
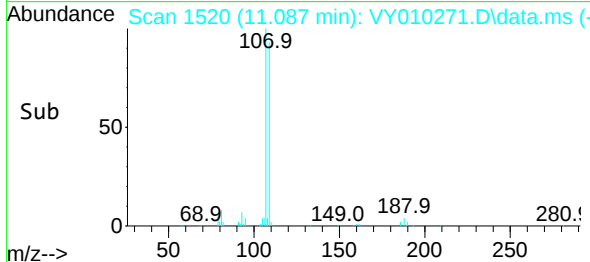
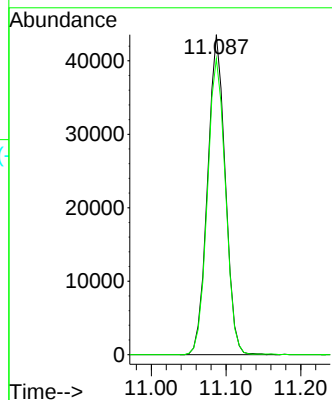
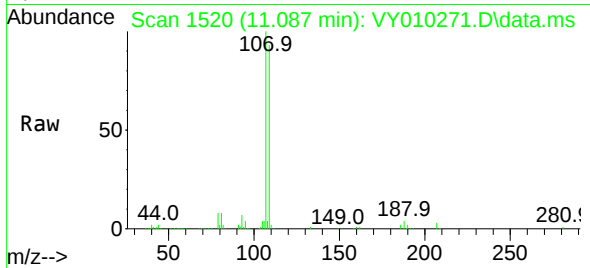




#61
1,2-Dibromoethane
Concen: 20.536 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

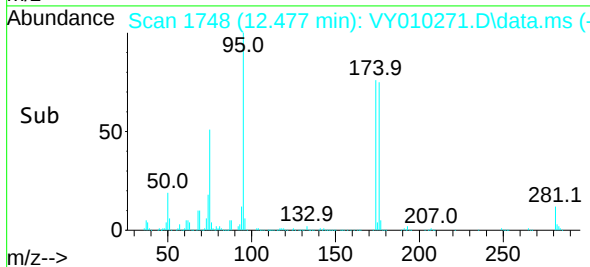
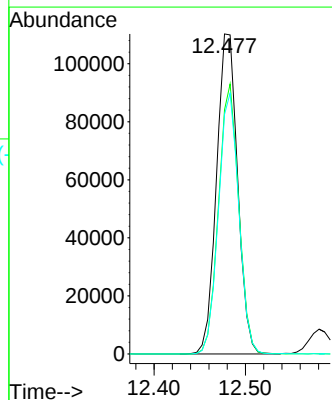
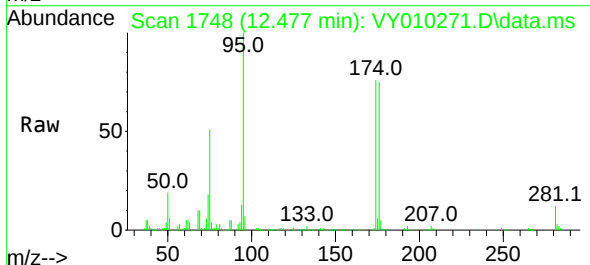
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

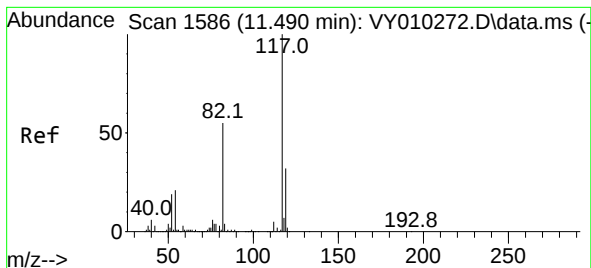
Tgt Ion:107 Resp: 71358
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 26.404 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 95 Resp: 176609
Ion Ratio Lower Upper
95 100
174 80.7 0.0 177.0
176 78.8 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: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

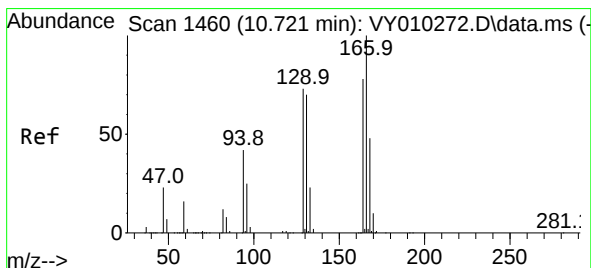
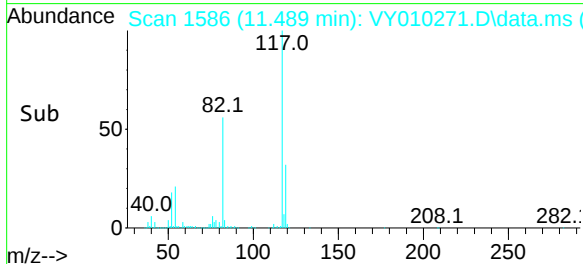
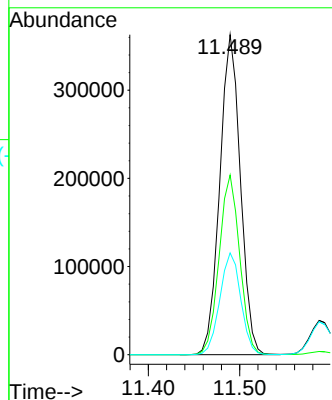
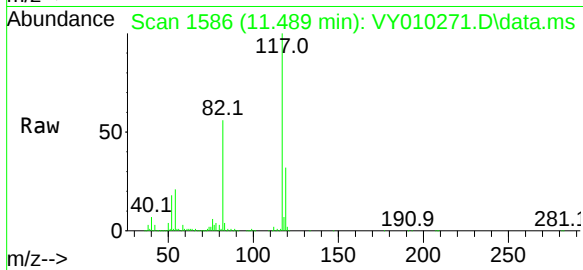
Tgt Ion:117 Resp: 569675

Ion Ratio Lower Upper

117 100

82 56.1 43.0 64.4

119 31.8 25.4 38.0



#64

Tetrachloroethene

Concen: 20.895 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Tgt Ion:164 Resp: 97076

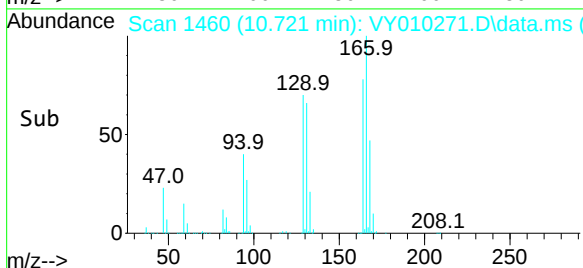
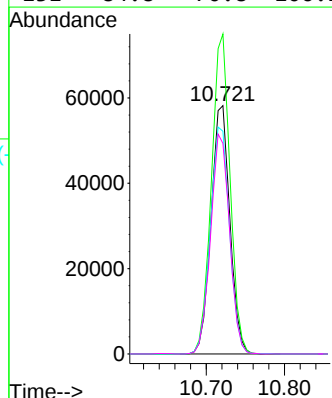
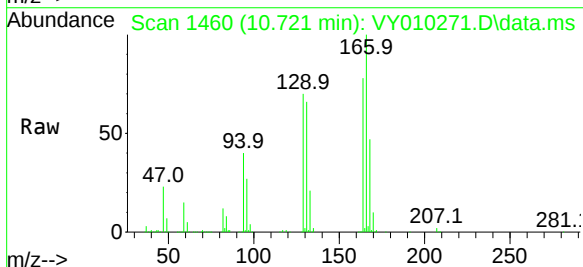
Ion Ratio Lower Upper

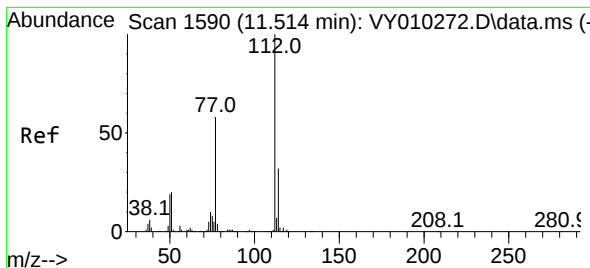
164 100

166 128.8 100.4 150.6

129 89.7 71.4 107.0

131 84.8 70.8 106.2





#65

Chlorobenzene

Concen: 20.564 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

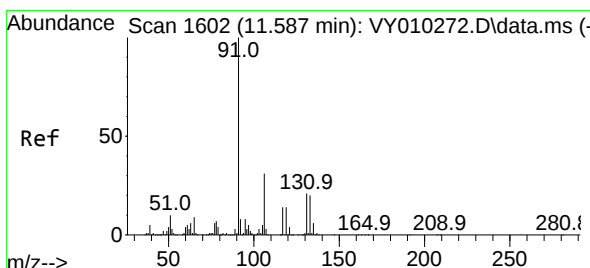
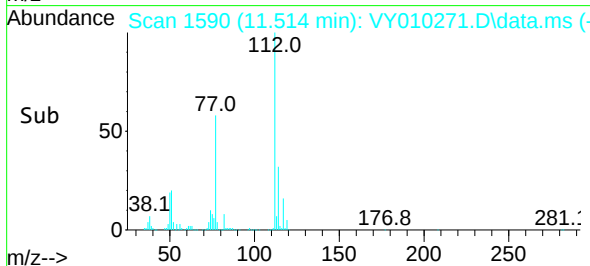
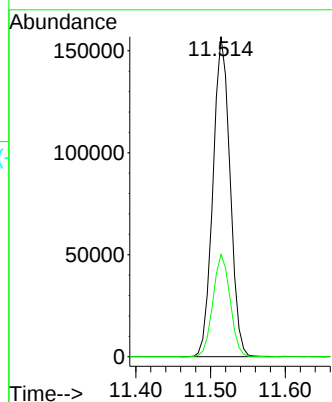
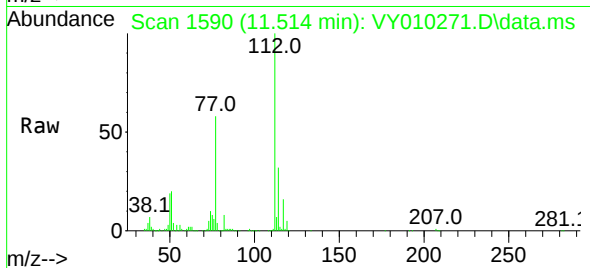
VSTDICC020

Tgt Ion:112 Resp: 249634

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.721 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

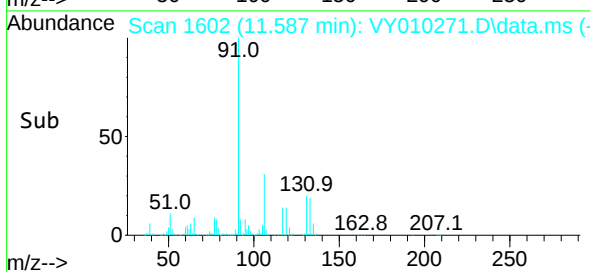
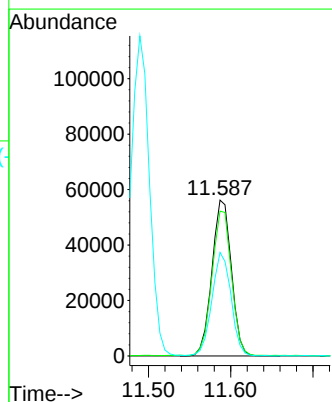
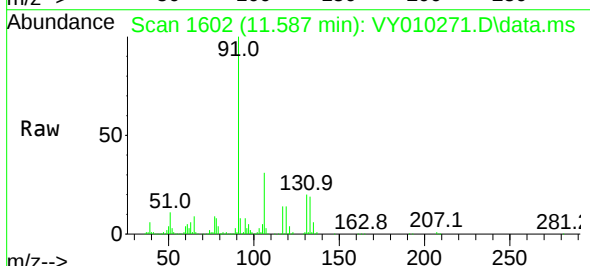
Tgt Ion:131 Resp: 92365

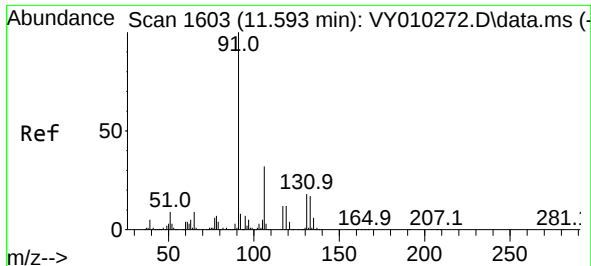
Ion Ratio Lower Upper

131 100

133 93.5 47.9 143.6

119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 20.566 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

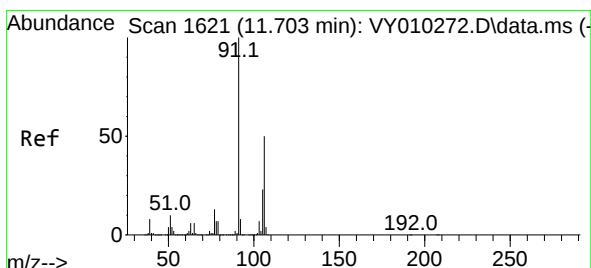
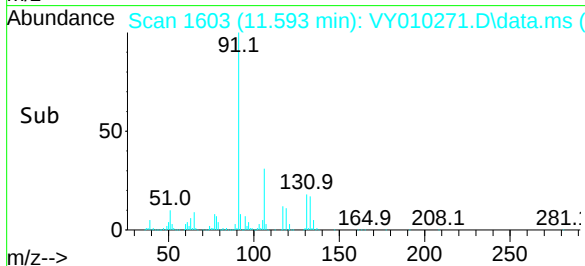
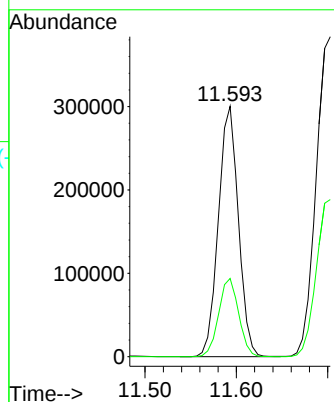
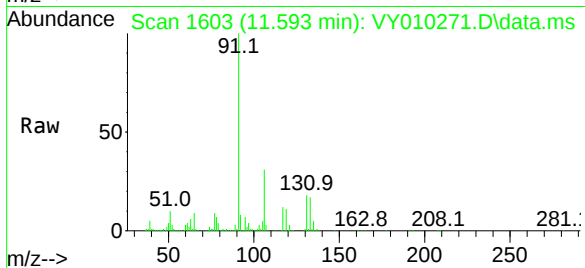
VSTDIC020

Tgt Ion: 91 Resp: 457182

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 41.134 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010271.D

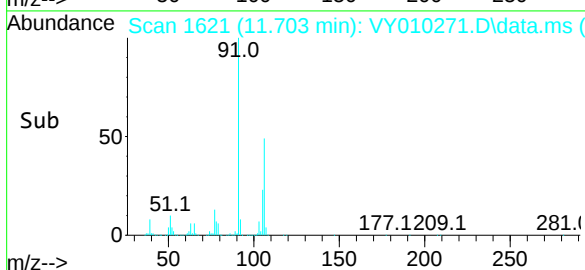
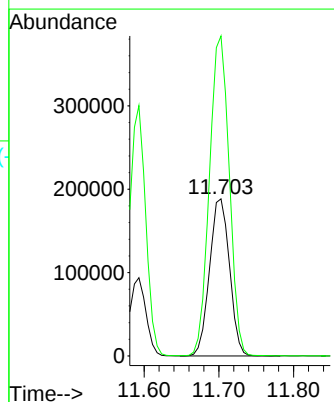
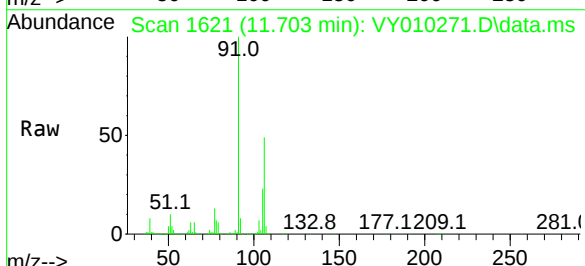
Acq: 02 Sep 2022 10:46

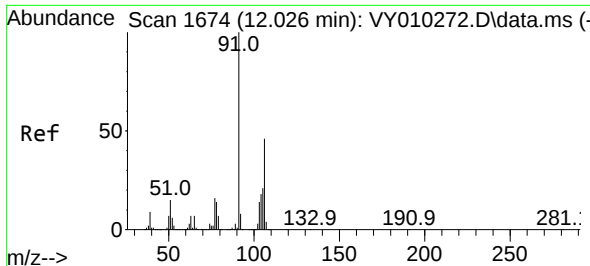
Tgt Ion: 106 Resp: 349303

Ion Ratio Lower Upper

106 100

91 202.5 166.6 249.8

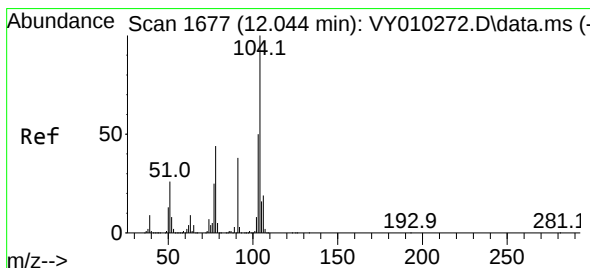
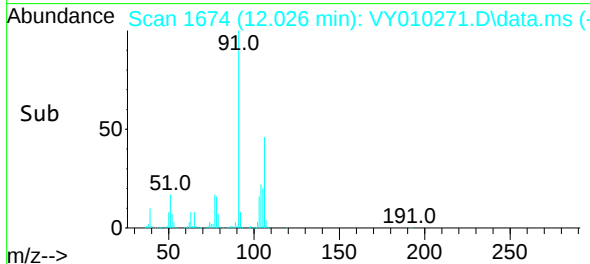
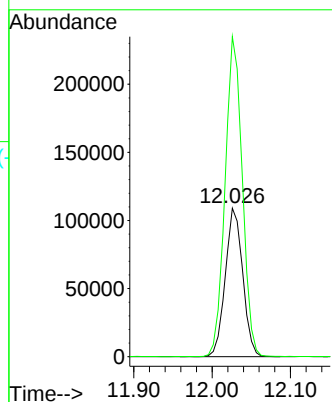
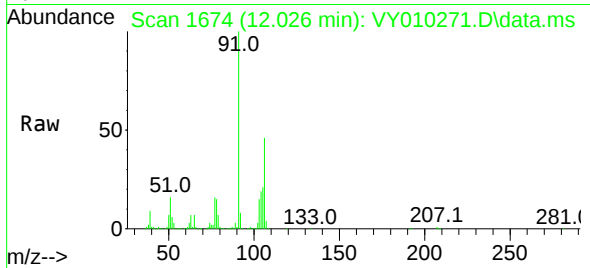




#69
o-Xylene
Concen: 20.465 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

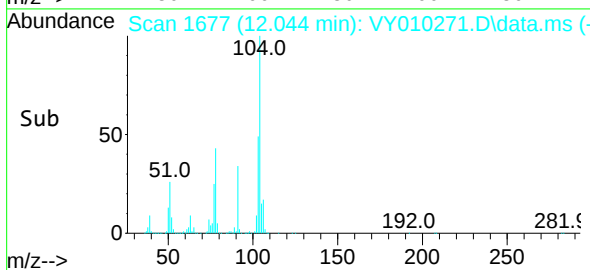
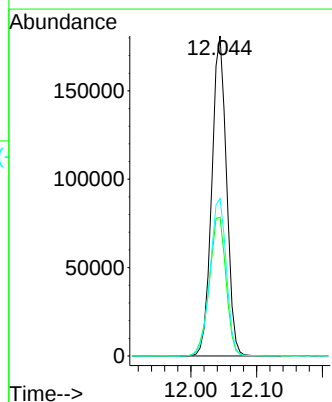
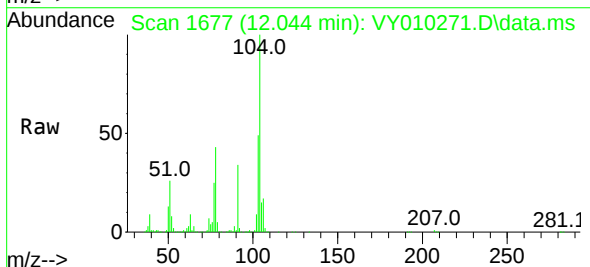
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

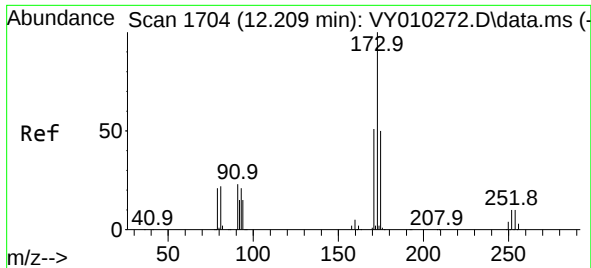
Tgt Ion:106 Resp: 168729
Ion Ratio Lower Upper
106 100
91 212.9 110.3 331.0



#70
Styrene
Concen: 20.555 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion:104 Resp: 282307
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 54.6 44.4 66.6

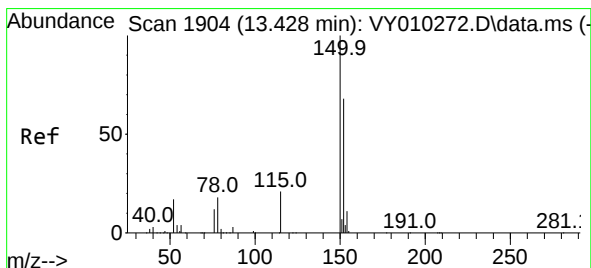
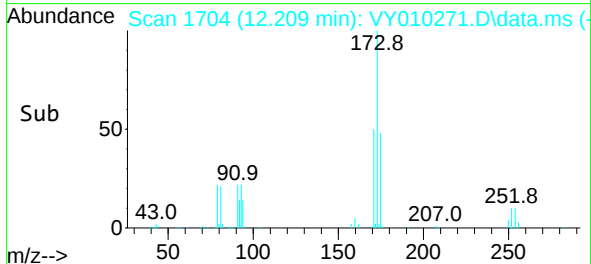
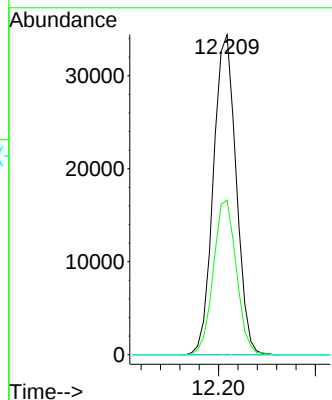
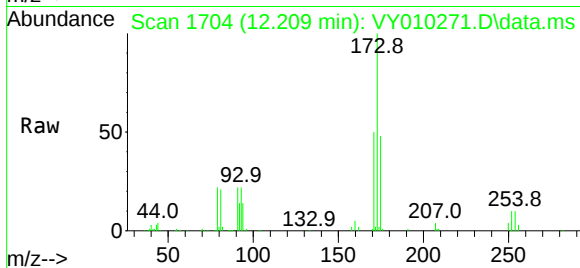




#71
Bromoform
Concen: 20.371 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

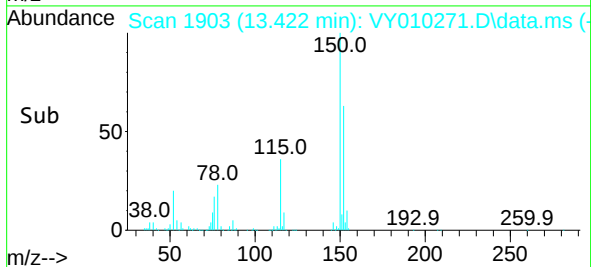
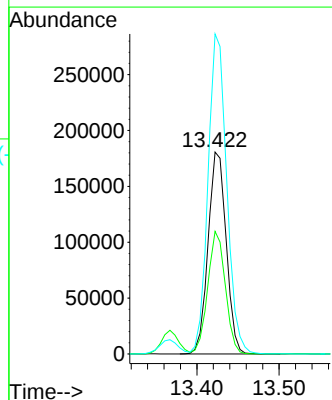
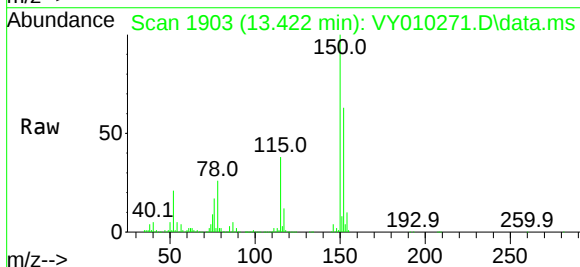
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

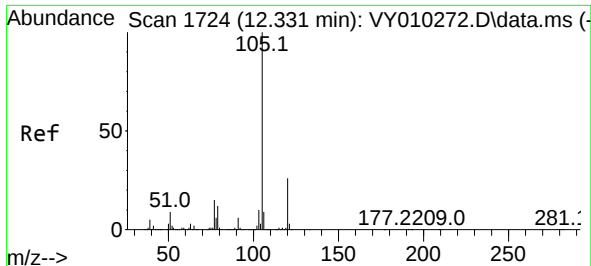
Tgt Ion:173 Resp: 56130
Ion Ratio Lower Upper
173 100
175 49.0 24.6 74.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion:152 Resp: 276263
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 163.8 0.0 347.6

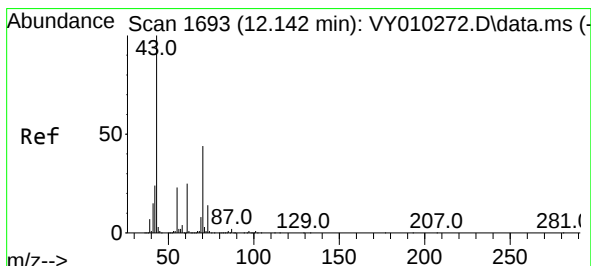
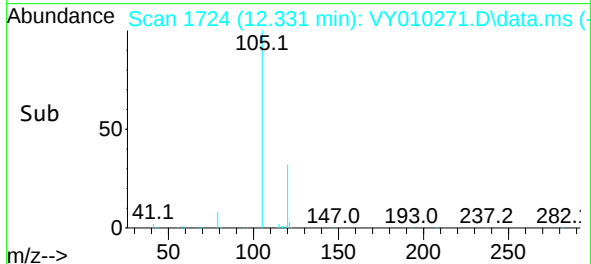
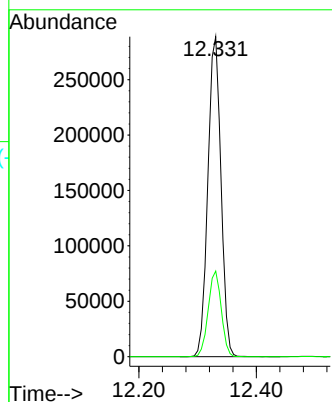
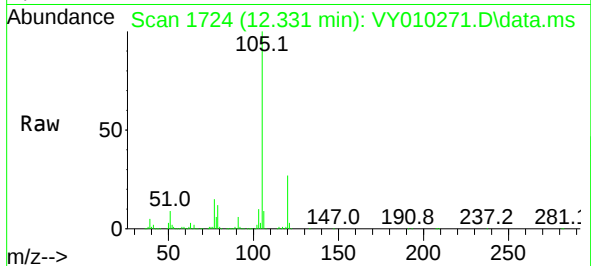




#73
Isopropylbenzene
Concen: 20.227 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

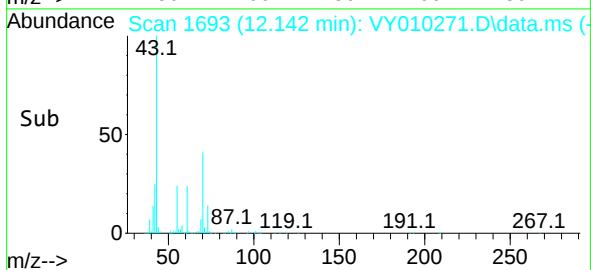
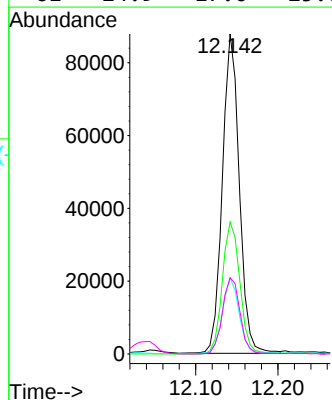
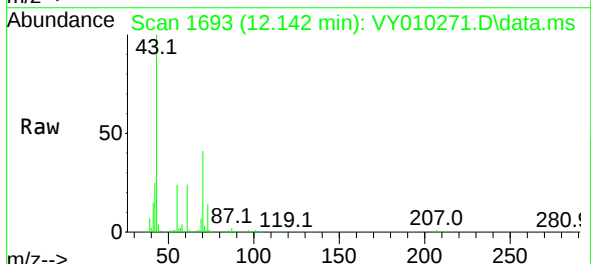
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

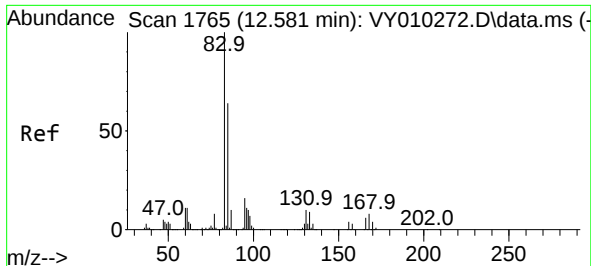
Tgt Ion:105 Resp: 445821
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 20.660 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 43 Resp: 125631
Ion Ratio Lower Upper
43 100
70 43.3 28.7 43.1#
55 23.6 17.3 25.9
61 24.9 17.0 25.6

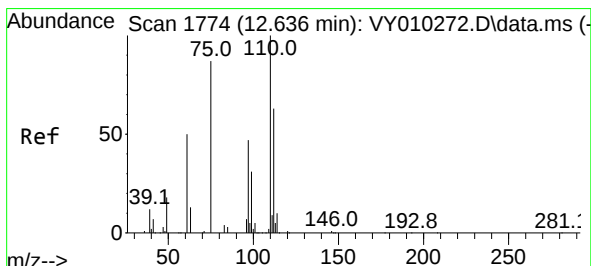
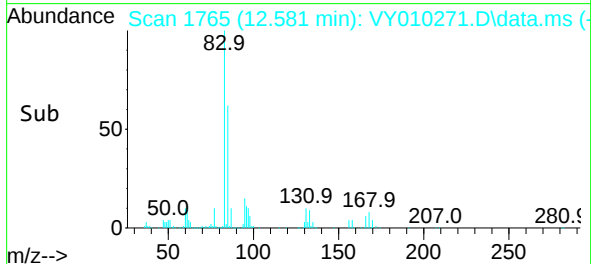
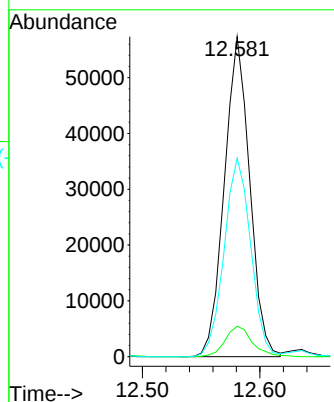
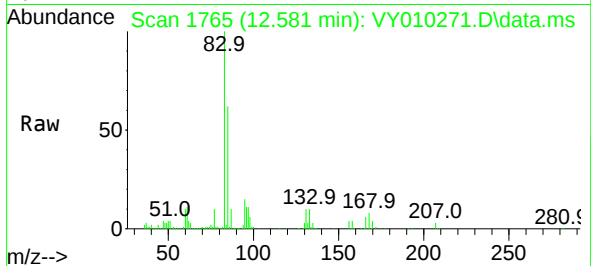




#75
1,1,2,2-Tetrachloroethane
Concen: 20.274 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

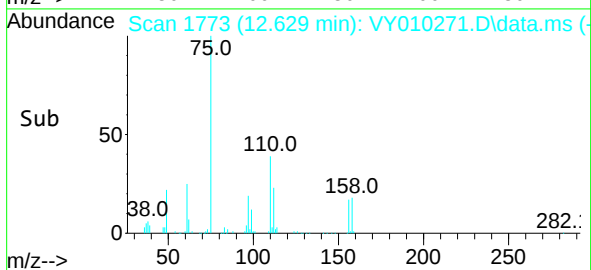
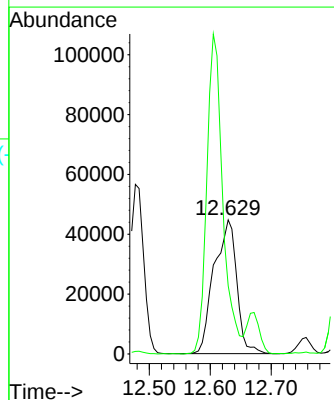
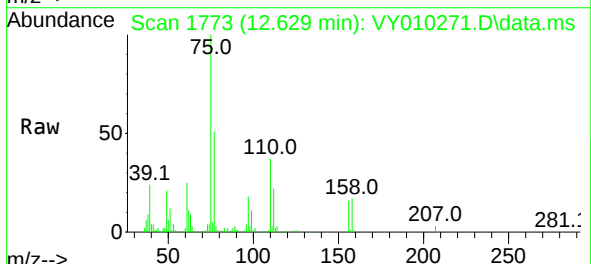
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

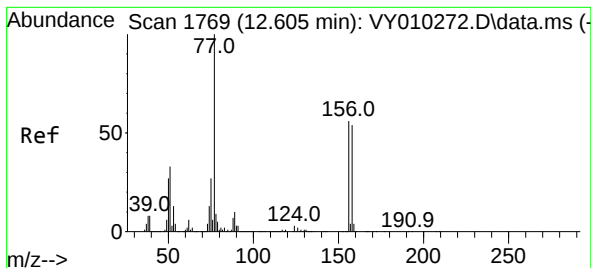
Tgt Ion: 83 Resp: 85880
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 65.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 36.915 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 75 Resp: 115812
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.040 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

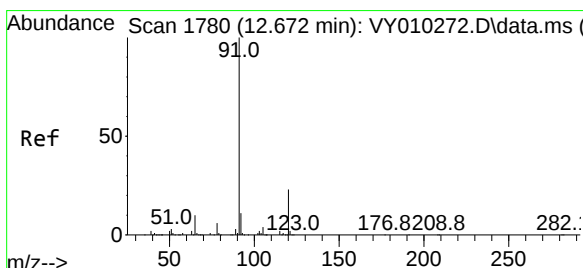
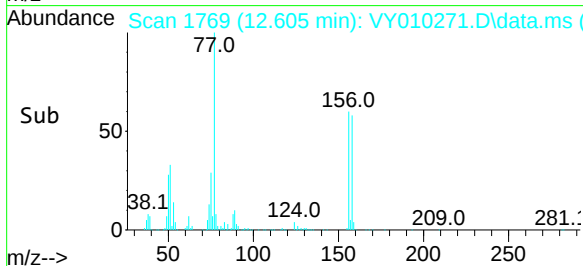
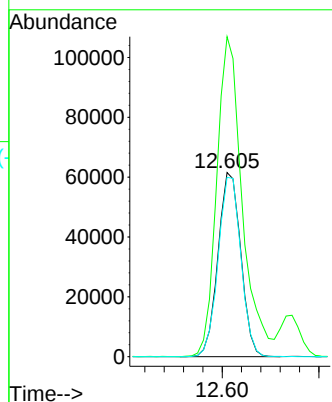
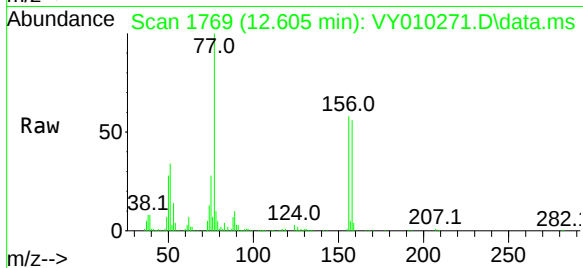
Tgt Ion:156 Resp: 100483

Ion Ratio Lower Upper

156 100

77 195.0 95.5 286.4

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 20.240 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY010271.D

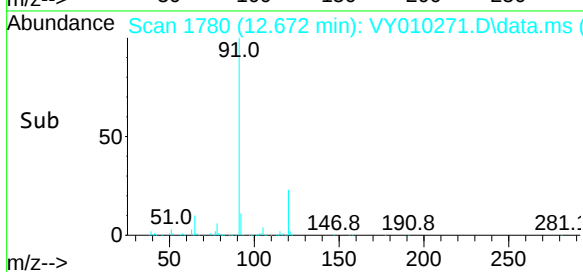
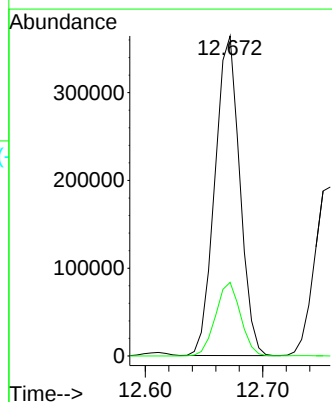
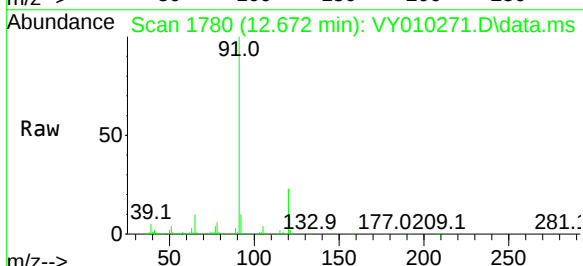
Acq: 02 Sep 2022 10:46

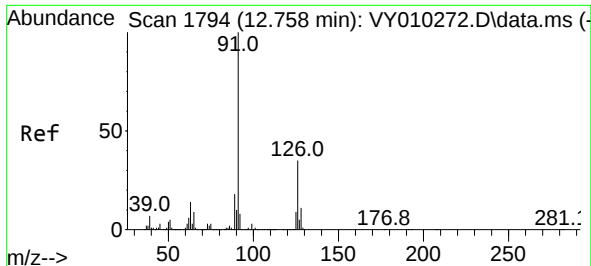
Tgt Ion: 91 Resp: 535510

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

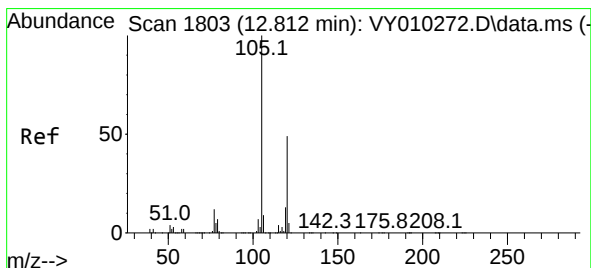
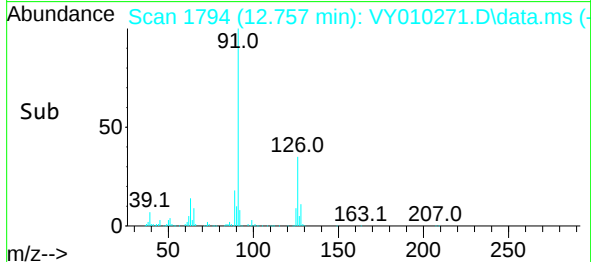
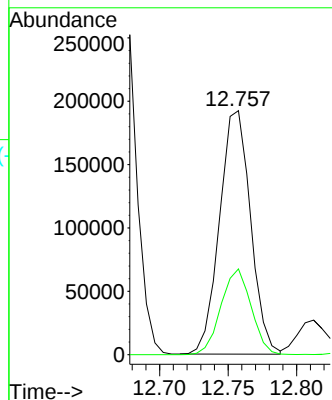
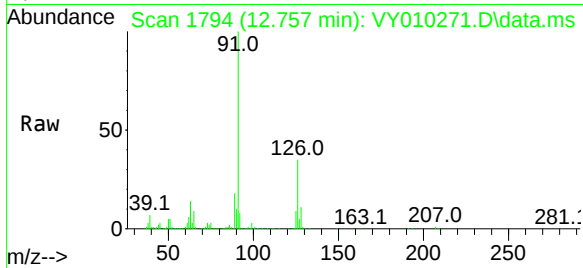




#79
2-Chlorotoluene
Concen: 20.283 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

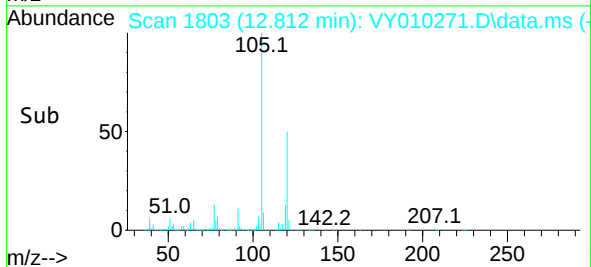
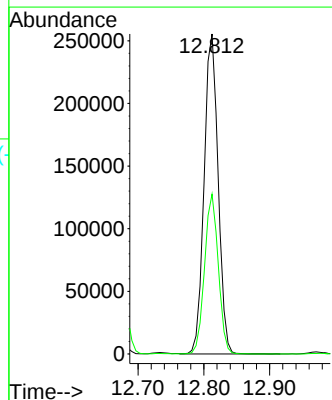
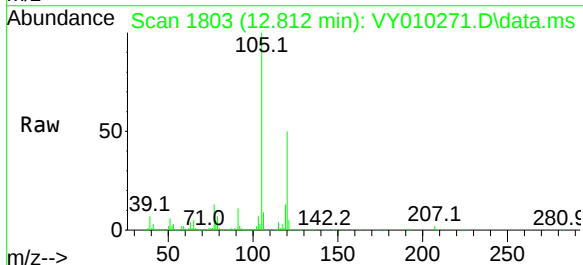
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

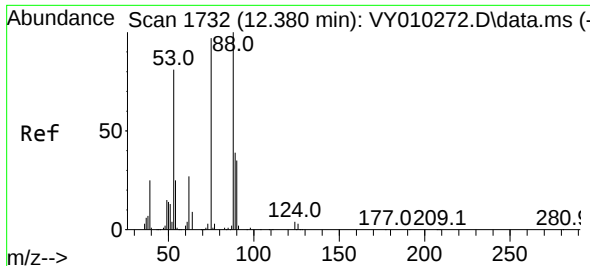
Tgt Ion: 91 Resp: 303325
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.516 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 105 Resp: 378855
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.4

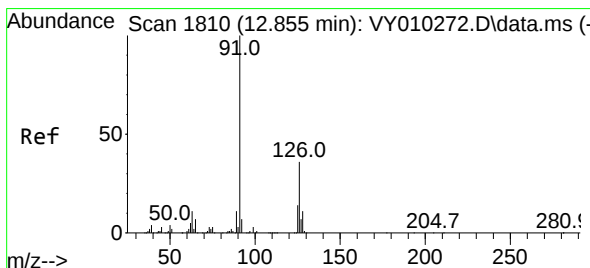
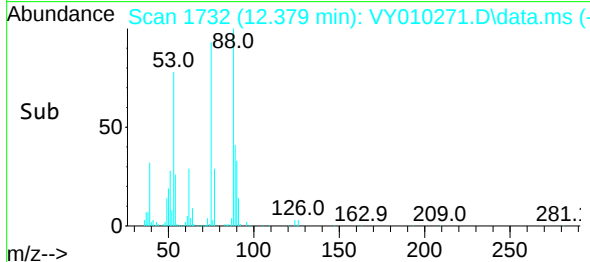
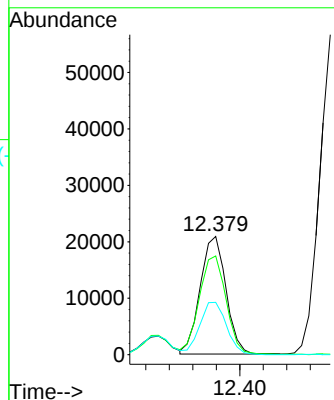
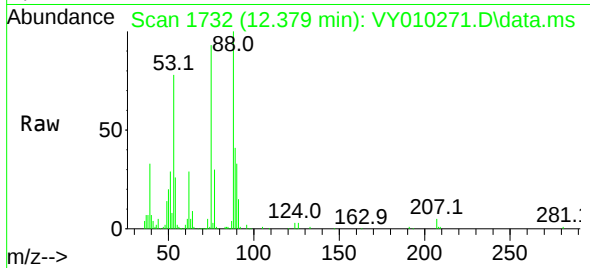




#81
trans-1,4-Dichloro-2-butene
Concen: 20.141 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

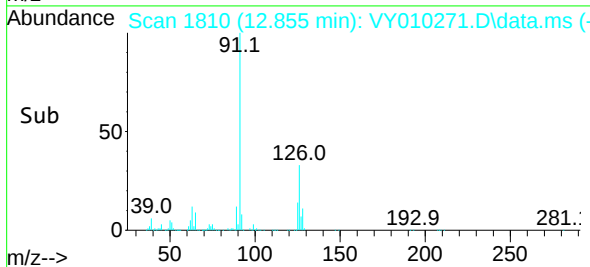
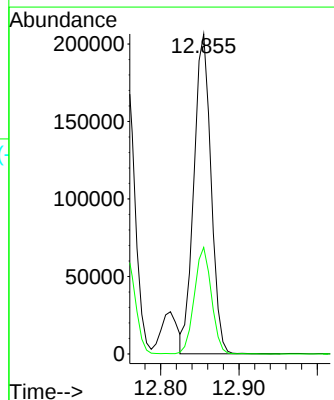
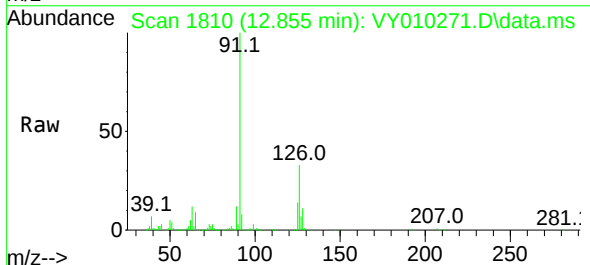
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

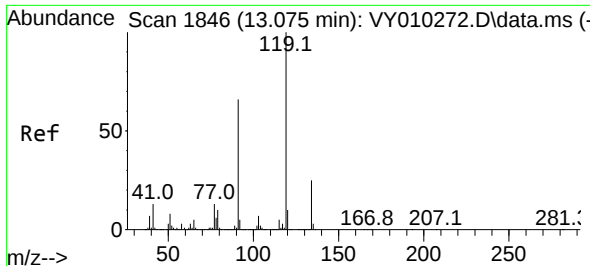
Tgt Ion: 75 Resp: 31742
Ion Ratio Lower Upper
75 100
53 87.2 85.3 127.9
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.343 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 91 Resp: 313242
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0

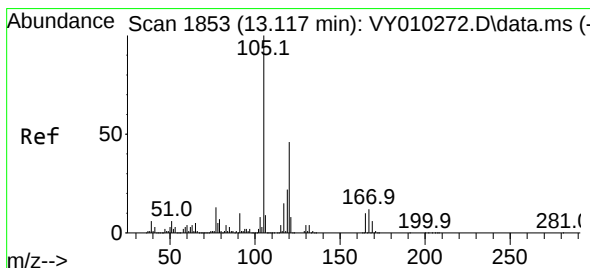
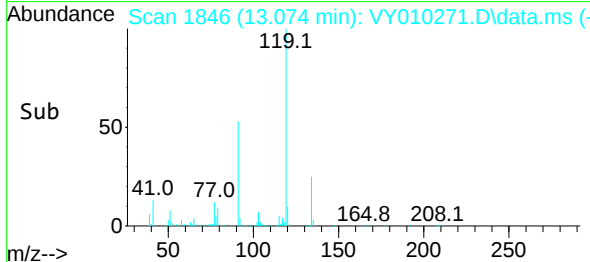
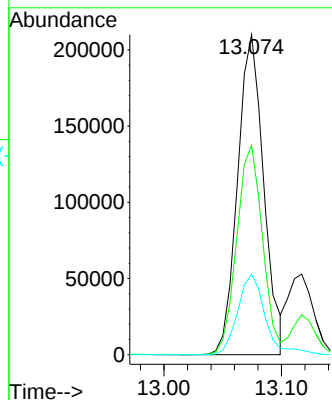
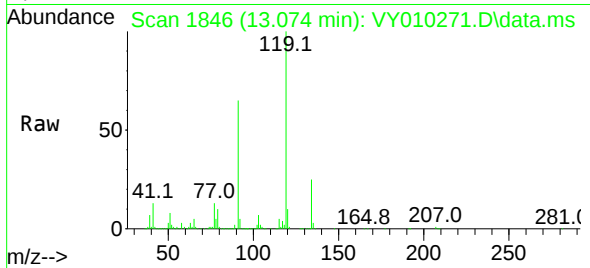




#83
 tert-Butylbenzene
 Concen: 20.235 ug/l
 RT: 13.074 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

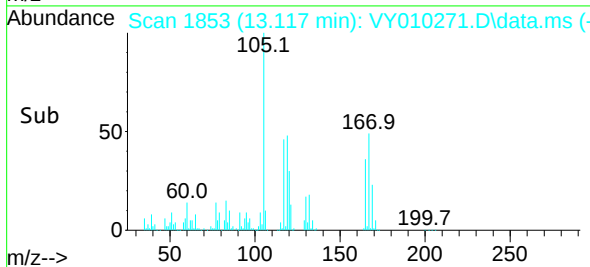
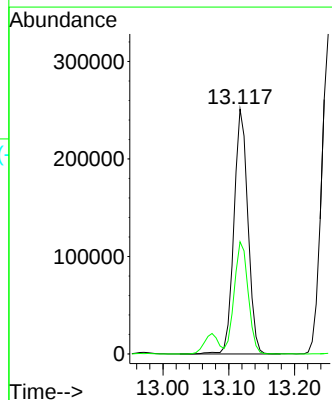
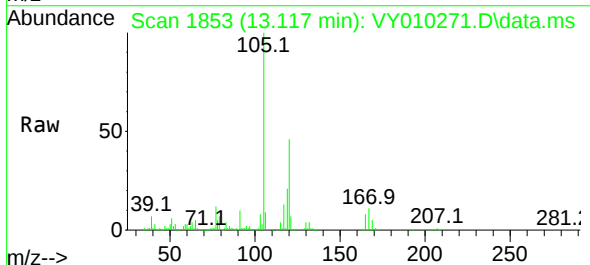
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

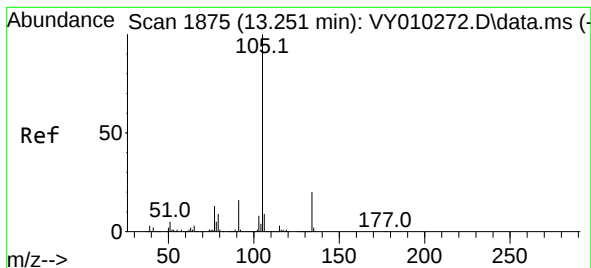
Tgt Ion:119 Resp: 324650
 Ion Ratio Lower Upper
 119 100
 91 64.5 34.8 104.4
 134 26.4 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.438 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

Tgt Ion:105 Resp: 370640
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.426 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

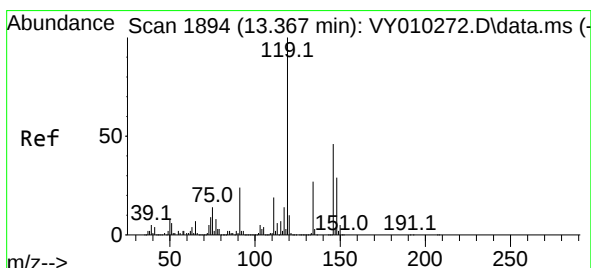
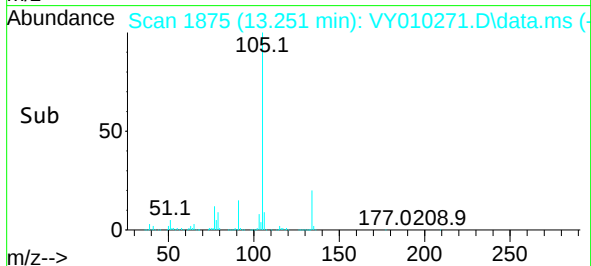
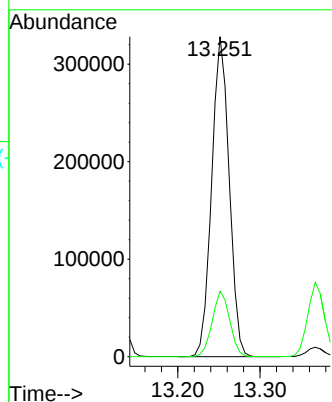
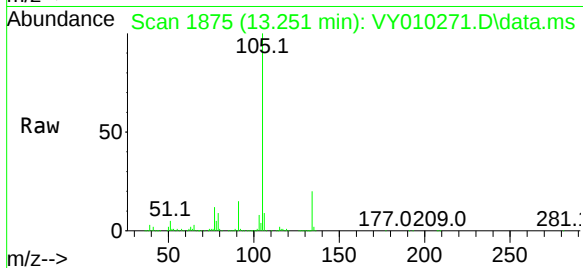
VSTDIC020

Tgt Ion:105 Resp: 484618

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.307 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

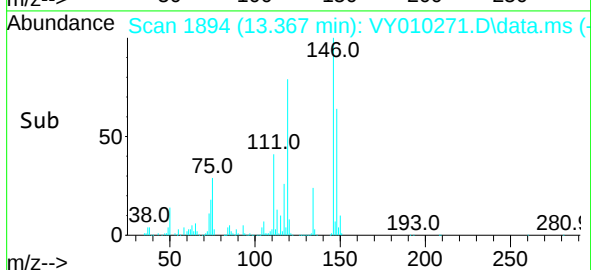
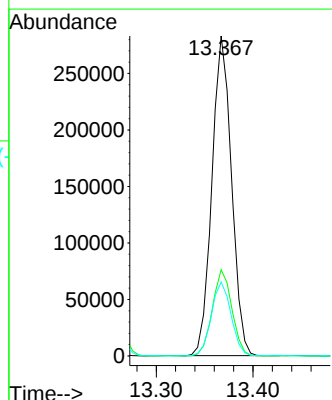
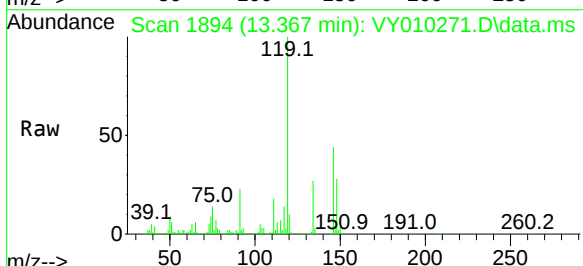
Tgt Ion:119 Resp: 397975

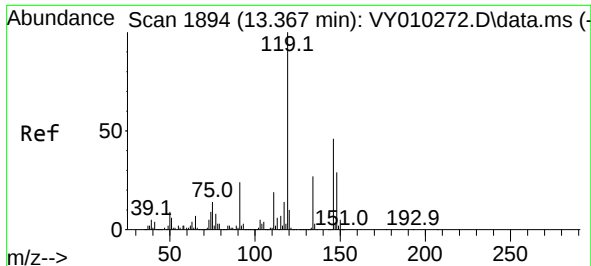
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.265 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

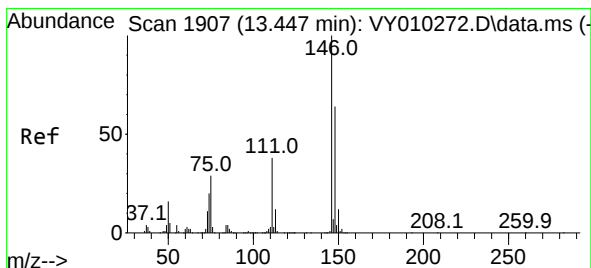
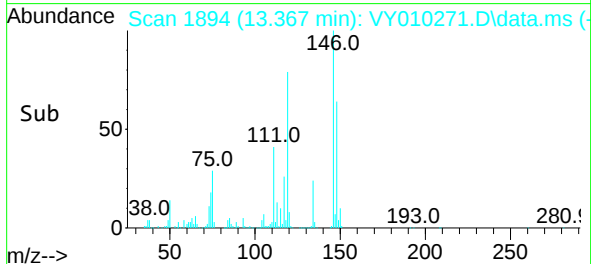
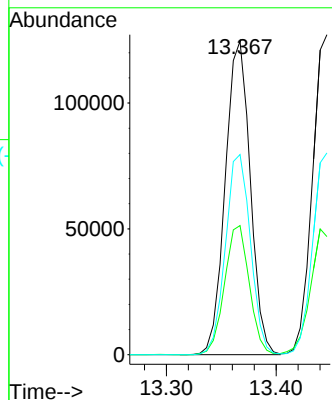
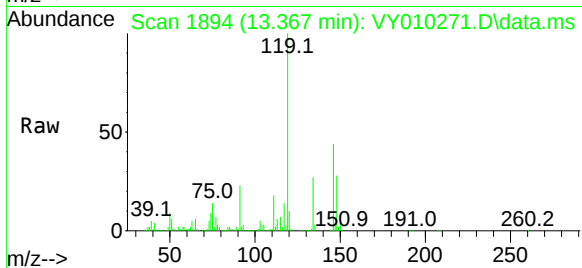
Tgt Ion:146 Resp: 197297

Ion Ratio Lower Upper

146 100

111 40.8 19.5 58.5

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.187 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

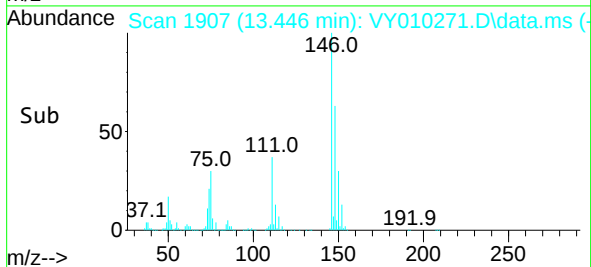
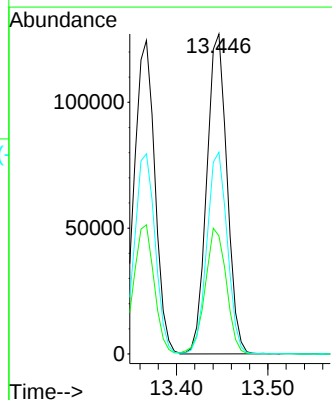
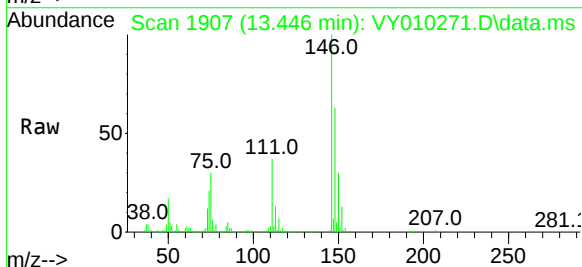
Tgt Ion:146 Resp: 195402

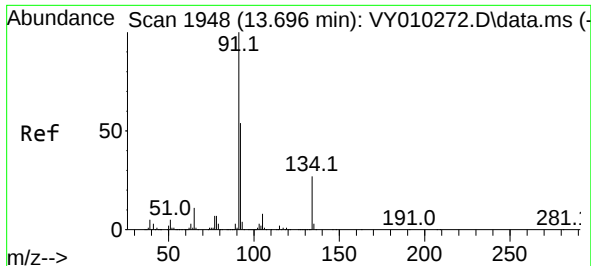
Ion Ratio Lower Upper

146 100

111 40.9 19.3 57.8

148 63.5 32.6 97.8

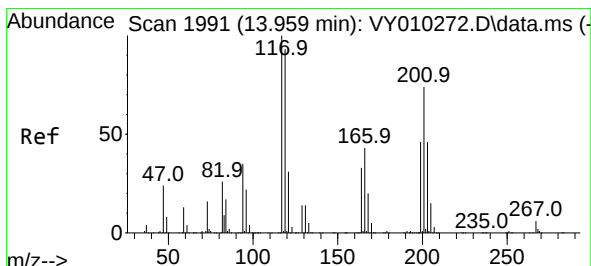
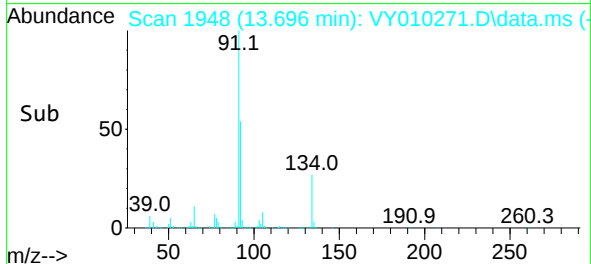
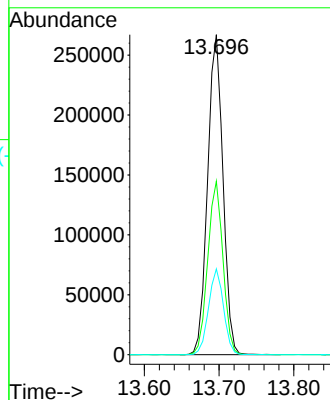
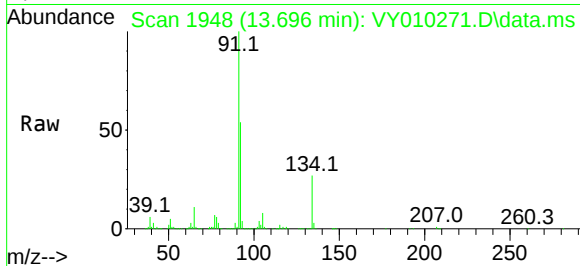




#89
n-Butylbenzene
Concen: 20.588 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

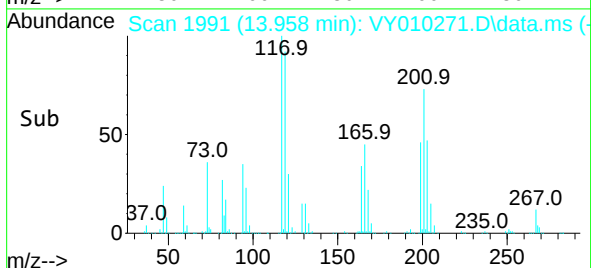
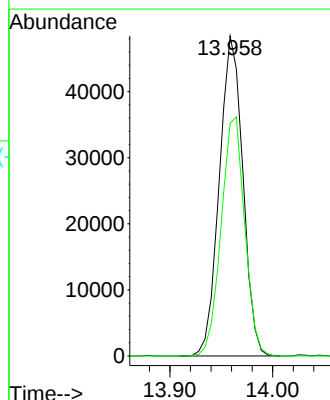
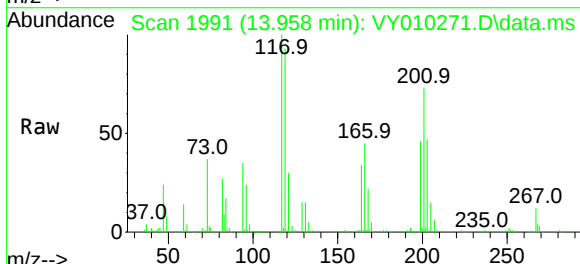
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

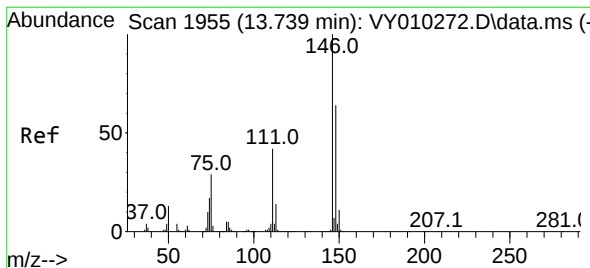
Tgt Ion: 91 Resp: 381426
Ion Ratio Lower Upper
91 100
92 53.6 26.3 78.9
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 20.409 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion: 117 Resp: 76776
Ion Ratio Lower Upper
117 100
201 75.1 43.0 128.8

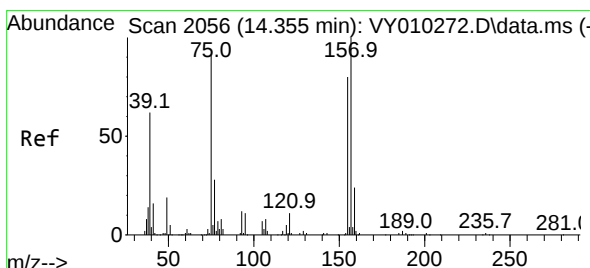
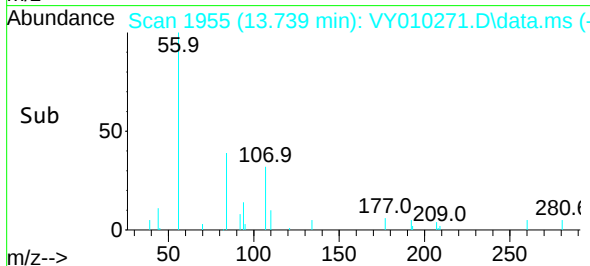
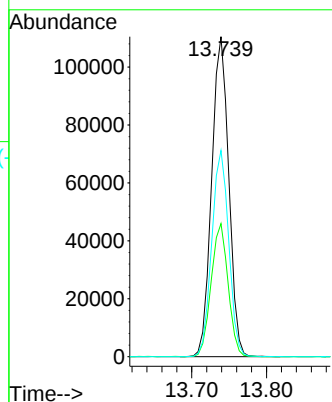
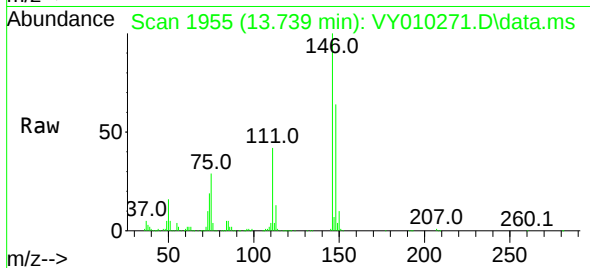




#91
 1,2-Dichlorobenzene
 Concen: 20.203 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

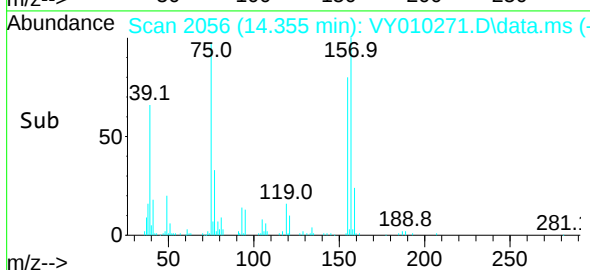
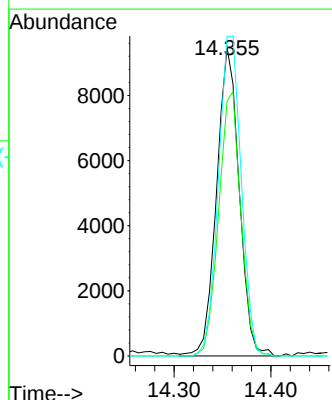
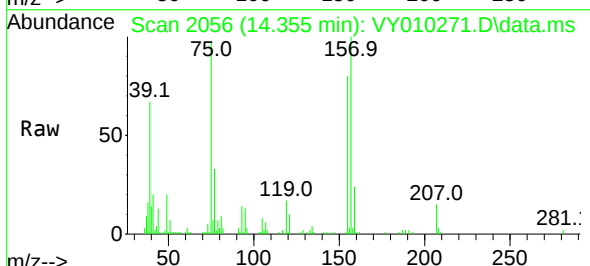
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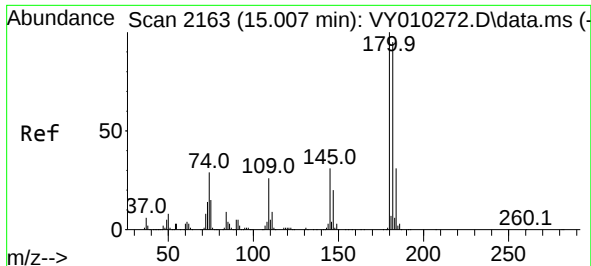
Tgt Ion:146 Resp: 175303
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.3 60.9
 148 64.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.505 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY010271.D
 Acq: 02 Sep 2022 10:46

Tgt Ion: 75 Resp: 15305
 Ion Ratio Lower Upper
 75 100
 155 84.4 38.0 113.9
 157 105.1 47.8 143.3

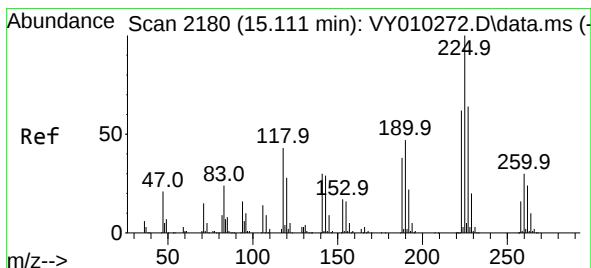
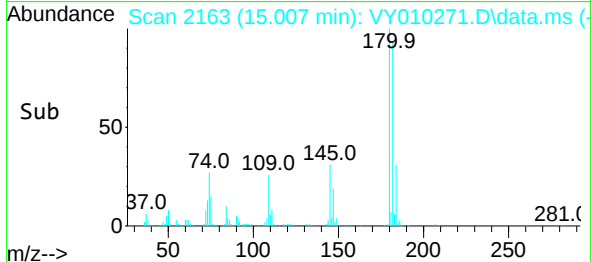
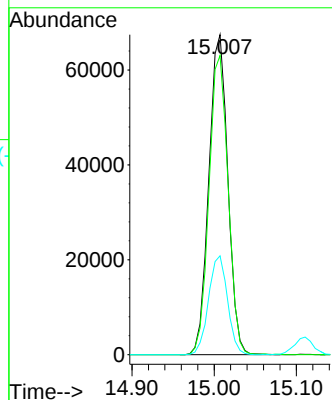
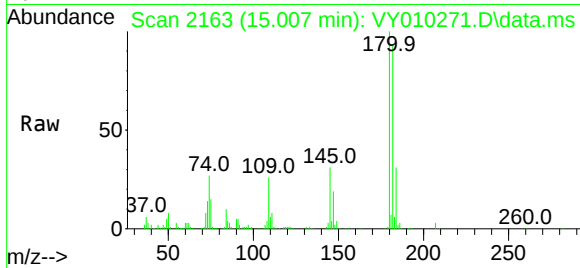




#93
1,2,4-Trichlorobenzene
Concen: 20.129 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

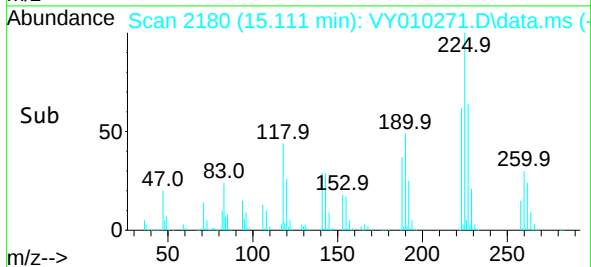
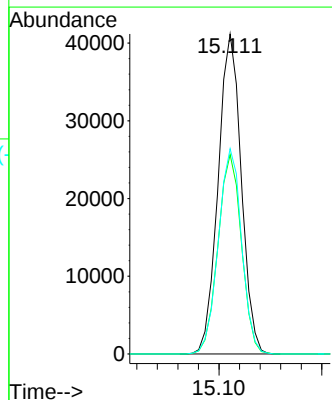
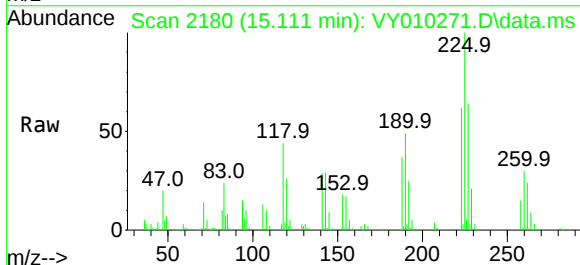
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MSVOA_Y
ClientSampleId :
VSTDICC020

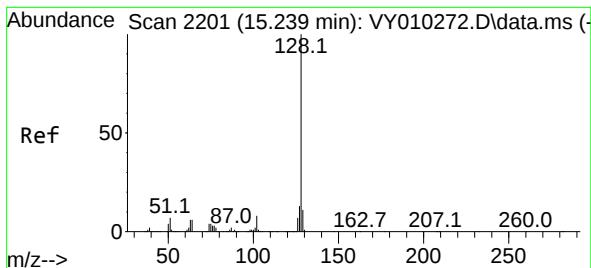
Tgt Ion:180 Resp: 108106
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 30.9 14.6 43.8



#94
Hexachlorobutadiene
Concen: 20.411 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010271.D
Acq: 02 Sep 2022 10:46

Tgt Ion:225 Resp: 64251
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.3
227 64.5 31.6 94.7





#95

Naphthalene

Concen: 20.190 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

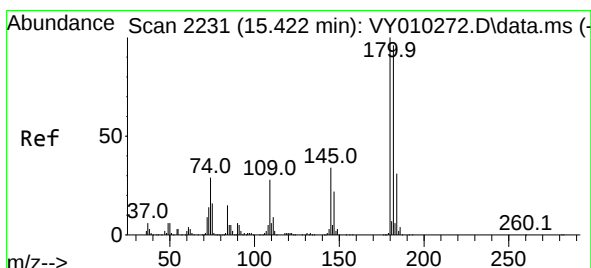
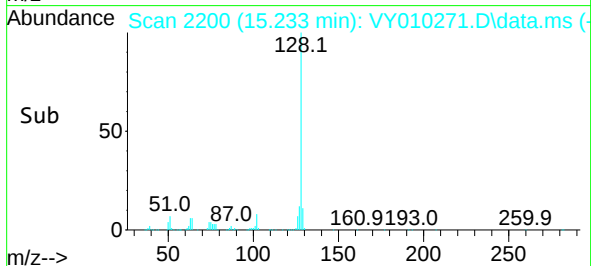
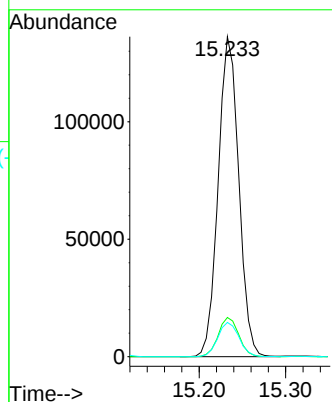
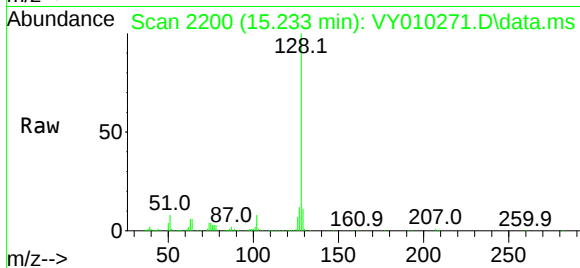
Tgt Ion:128 Resp: 225000

Ion Ratio Lower Upper

128 100

127 12.3 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.937 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010271.D

Acq: 02 Sep 2022 10:46

Tgt Ion:180 Resp: 90687

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.9

145 32.8 15.3 45.9

