

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013830.D
 Acq On : 23 May 2023 12:08
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: May 24 05:04:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	273340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	363898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64714	20.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.920%#
35) Dibromofluoromethane	7.722	113	54256	20.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.940%#
50) Toluene-d8	10.179	98	212326	21.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.160%#
62) 4-Bromofluorobenzene	12.483	95	69180	20.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42810	17.098	ug/l	92
3) Chloromethane	2.119	50	50075	16.417	ug/l	96
4) Vinyl Chloride	2.253	62	52294	16.764	ug/l	99
5) Bromomethane	2.656	94	42809	17.270	ug/l	98
6) Chloroethane	2.796	64	34668	17.056	ug/l	98
7) Trichlorofluoromethane	3.131	101	94417	17.985	ug/l	100
8) Diethyl Ether	3.533	74	29558	18.356	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.911	101	52681	18.511	ug/l	100
10) Methyl Iodide	4.100	142	55323	16.374	ug/l	98
11) Tert butyl alcohol	4.984	59	25518	105.339	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	47291	17.687	ug/l	96
13) Acrolein	3.735	56	40584	111.374	ug/l	99
14) Allyl chloride	4.485	41	86149	17.649	ug/l	99
15) Acrylonitrile	5.180	53	78203	94.720	ug/l	99
16) Acetone	3.960	43	85825	91.443	ug/l	100
17) Carbon Disulfide	4.204	76	125913	15.777	ug/l	98
18) Methyl Acetate	4.485	43	61634	18.929	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	134338	18.411	ug/l	100
20) Methylene Chloride	4.728	84	69765	19.410	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	50005	17.205	ug/l	94
22) Diisopropyl ether	6.124	45	173858	18.447	ug/l	96
23) Vinyl Acetate	6.070	43	489263	89.131	ug/l	99
24) 1,1-Dichloroethane	6.027	63	98849	17.966	ug/l	97
25) 2-Butanone	6.996	43	106678	93.147	ug/l	94
26) 2,2-Dichloropropane	6.990	77	89841	18.128	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	58703	17.979	ug/l	99
28) Bromochloromethane	7.338	49	33131	20.515	ug/l	97
29) Tetrahydrofuran	7.356	42	63392	92.709	ug/l	98
30) Chloroform	7.508	83	104201	18.680	ug/l	99
31) Cyclohexane	7.789	56	81252	16.723	ug/l #	94
32) 1,1,1-Trichloroethane	7.710	97	92083	18.095	ug/l	96
36) 1,1-Dichloropropene	7.923	75	73279	18.152	ug/l	99
37) Ethyl Acetate	7.076	43	48130	19.545	ug/l	99
38) Carbon Tetrachloride	7.905	117	86649	18.874	ug/l	99
39) Methylcyclohexane	9.191	83	81043	17.142	ug/l	96
40) Benzene	8.167	78	211465	18.237	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	25916	19.288	ug/l	92
42) 1,2-Dichloroethane	8.240	62	72799	19.176	ug/l	98
43) Isopropyl Acetate	8.277	43	85008	18.944	ug/l	98
44) Trichloroethene	8.947	130	56625	18.126	ug/l	92
45) 1,2-Dichloropropane	9.221	63	55288	18.613	ug/l	97
46) Dibromomethane	9.313	93	32240	18.952	ug/l	100
47) Bromodichloromethane	9.496	83	79711	19.227	ug/l	97
48) Methyl methacrylate	9.295	41	38647	18.341	ug/l	96
49) 1,4-Dioxane	9.307	88	7442	372.231	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	237659	99.379	ug/l	100
52) Toluene	10.246	92	130396	18.444	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	78768	18.665	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	88649	18.751	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	44296	19.355	ug/l	98
56) Ethyl methacrylate	10.514	69	58411	19.119	ug/l	97
57) 1,3-Dichloropropane	10.788	76	75623	19.402	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	109540	112.371	ug/l	99
59) 2-Hexanone	10.831	43	167393	98.405	ug/l	100
60) Dibromochloromethane	10.983	129	56143	19.393	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41679	19.144	ug/l	99
64) Tetrachloroethene	10.721	164	48993	18.196	ug/l	97
65) Chlorobenzene	11.520	112	143169	18.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	56143	19.073	ug/l	100
67) Ethyl Benzene	11.593	91	253511	18.471	ug/l	99
68) m/p-Xylenes	11.703	106	196154	37.765	ug/l	98
69) o-Xylene	12.032	106	92076	18.819	ug/l	97
70) Styrene	12.044	104	158834	19.165	ug/l	99
71) Bromoform	12.209	173	37791	19.643	ug/l #	97
73) Isopropylbenzene	12.331	105	247265	18.378	ug/l	99
74) N-amyl acetate	12.142	43	75107	18.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	52915	18.998	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	69840	32.765	ug/l #	100
77) Bromobenzene	12.611	156	61231	18.547	ug/l	99
78) n-propylbenzene	12.672	91	302705	18.211	ug/l	100
79) 2-Chlorotoluene	12.757	91	170270	18.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	206070	18.554	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	18390	18.728	ug/l	98
82) 4-Chlorotoluene	12.855	91	177043	18.449	ug/l	99
83) tert-Butylbenzene	13.074	119	180908	18.702	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	202710	18.594	ug/l	99
85) sec-Butylbenzene	13.251	105	265751	18.495	ug/l	100
86) p-Isopropyltoluene	13.367	119	219910	18.517	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	117998	18.506	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	119432	18.814	ug/l	98
89) n-Butylbenzene	13.696	91	209839	18.425	ug/l	99
90) Hexachloroethane	13.965	117	45668	18.729	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	106468	18.788	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9779	20.040	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	64699	18.417	ug/l	99
94) Hexachlorobutadiene	15.111	225	41913	18.922	ug/l	98
95) Naphthalene	15.233	128	120079	18.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	57369	18.363	ug/l	100

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QLast Update : Wed May 24 05:01:28 2023
Response via : Initial Calibration

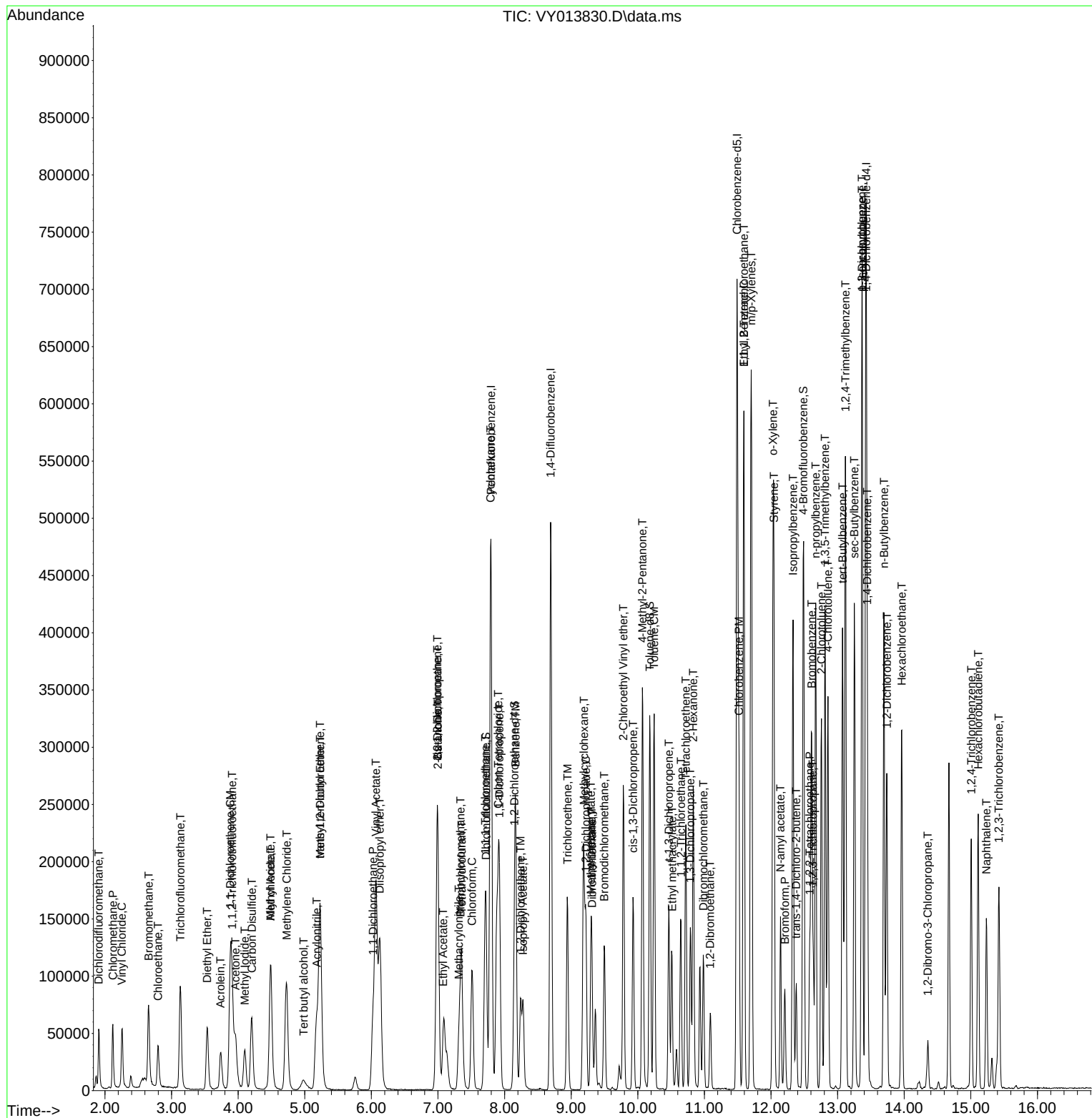
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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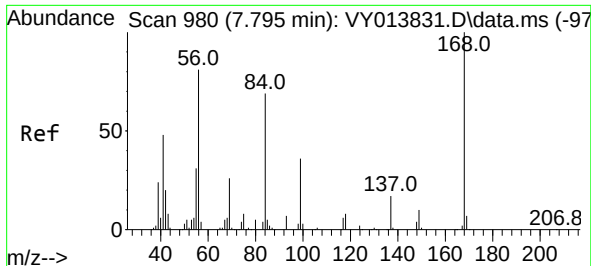
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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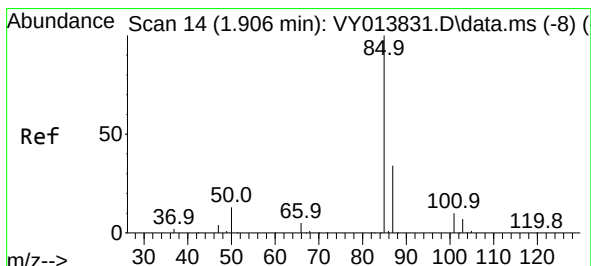
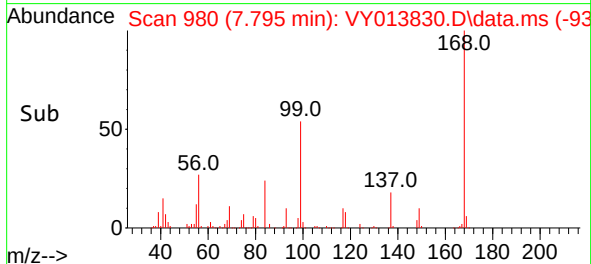
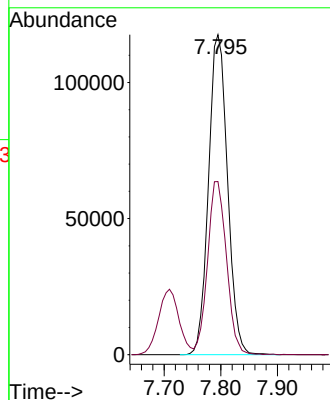
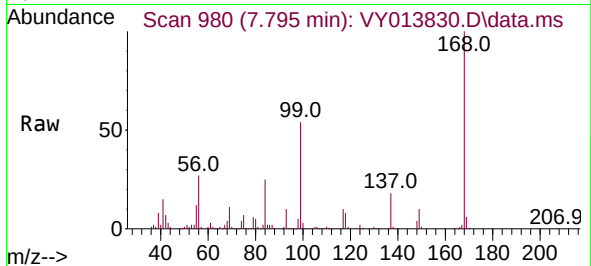




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013830.D
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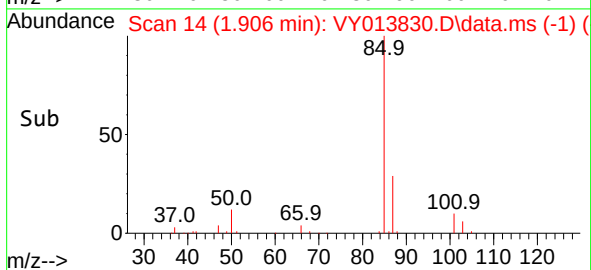
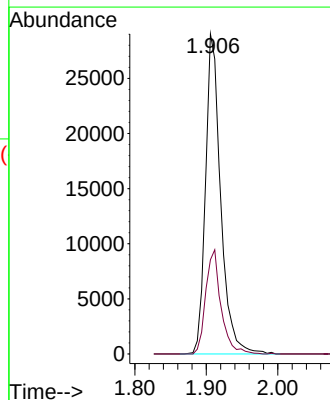
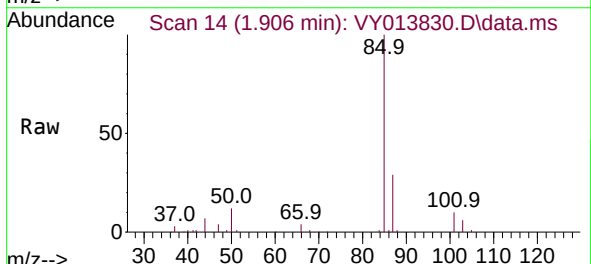
Instrument :
MSVOA_Y
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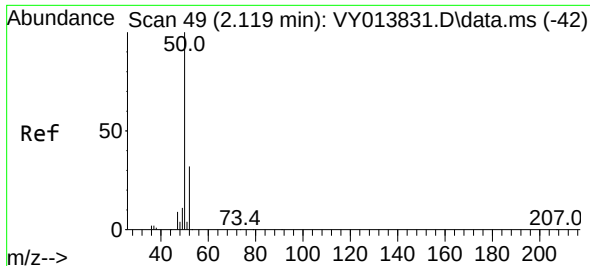
Tgt Ion:168 Resp: 273340
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 17.098 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 85 Resp: 42810
Ion Ratio Lower Upper
85 100
87 29.5 16.9 50.7

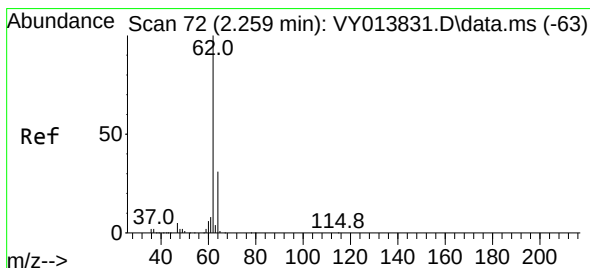
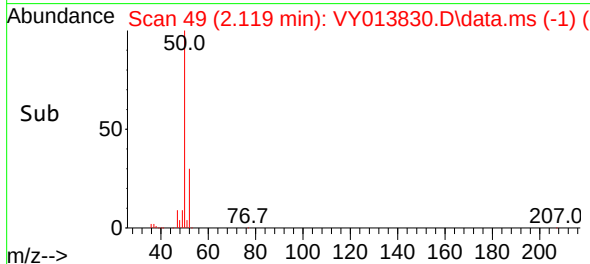
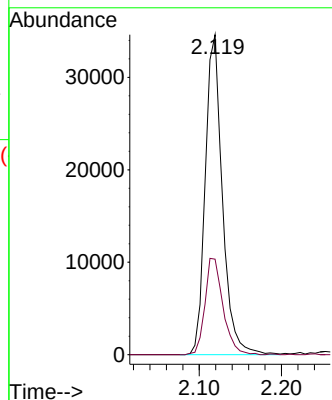
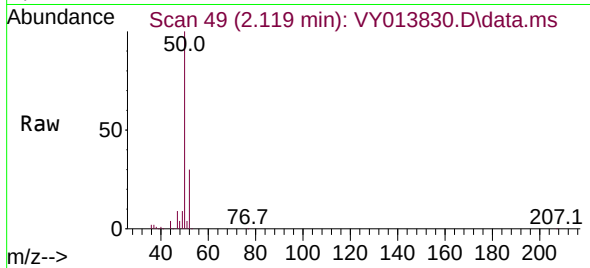




#3
Chloromethane
Concen: 16.417 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

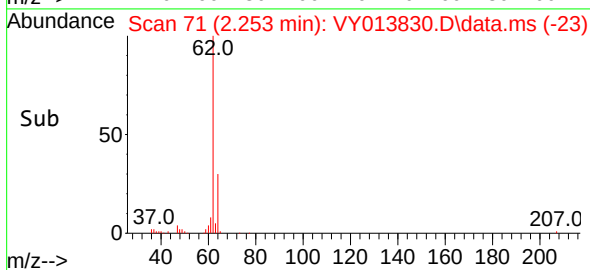
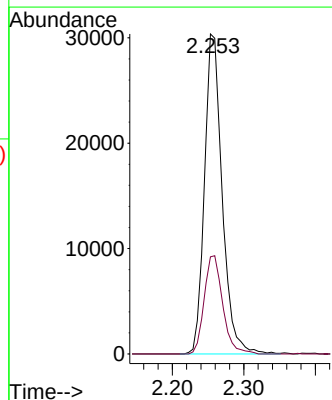
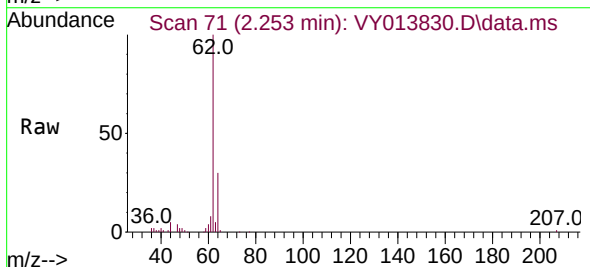
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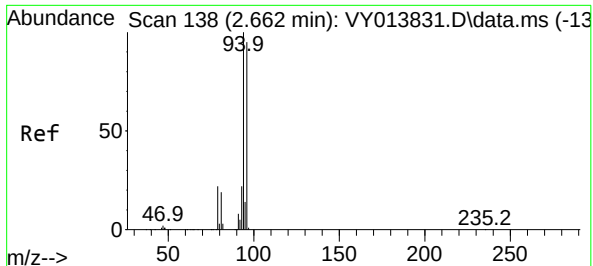
Tgt Ion: 50 Resp: 50075
Ion Ratio Lower Upper
50 100
52 29.9 25.7 38.5



#4
Vinyl Chloride
Concen: 16.764 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 62 Resp: 52294
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2

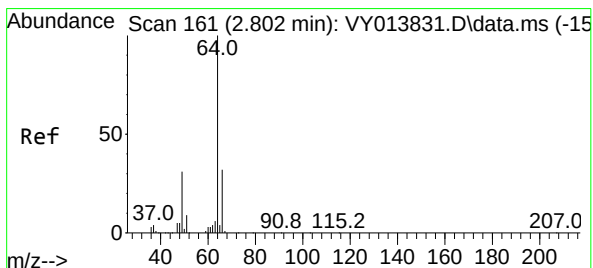
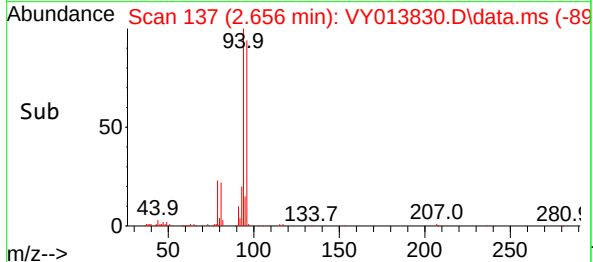
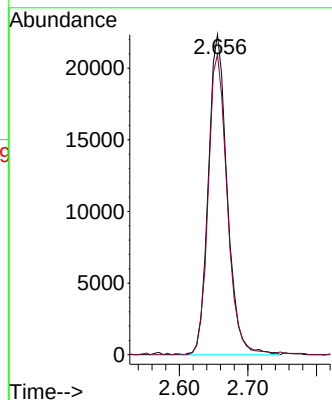
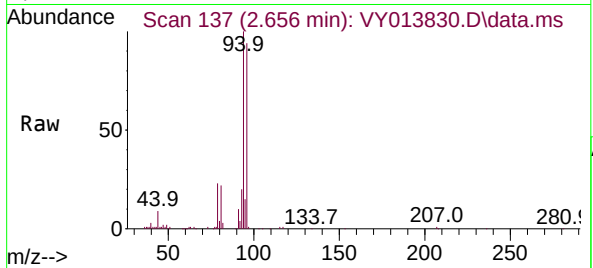




#5
Bromomethane
Concen: 17.270 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013830.D
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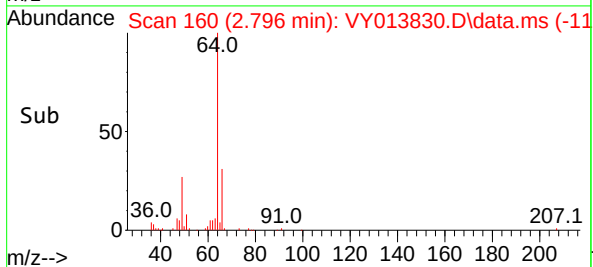
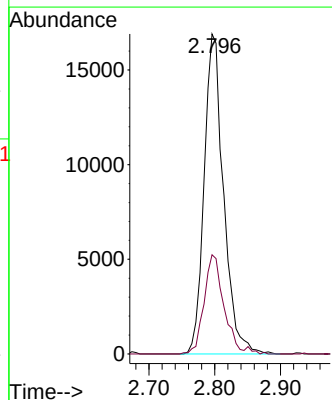
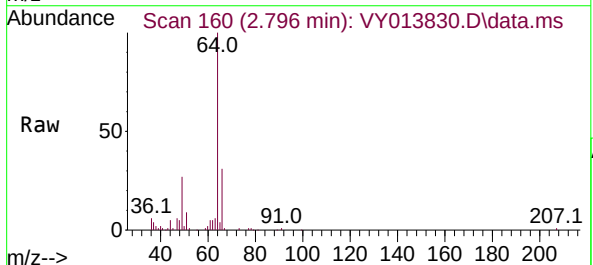
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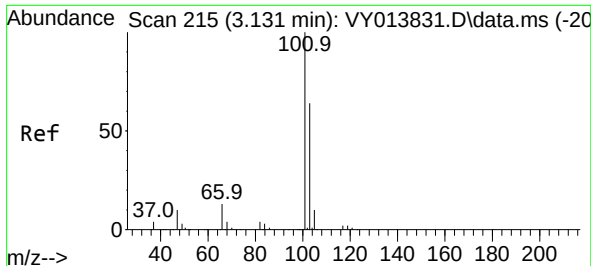
Tgt Ion: 94 Resp: 42809
Ion Ratio Lower Upper
94 100
96 93.6 76.2 114.2



#6
Chloroethane
Concen: 17.056 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013830.D
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Tgt Ion: 64 Resp: 34668
Ion Ratio Lower Upper
64 100
66 31.0 25.7 38.5

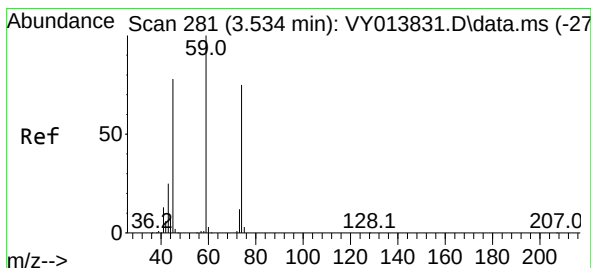
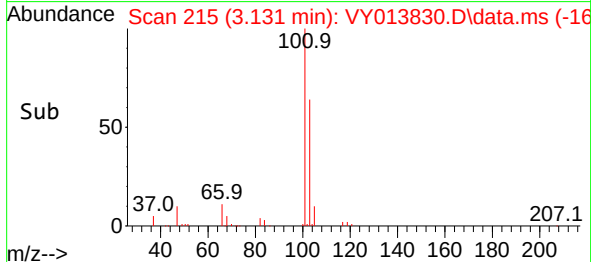
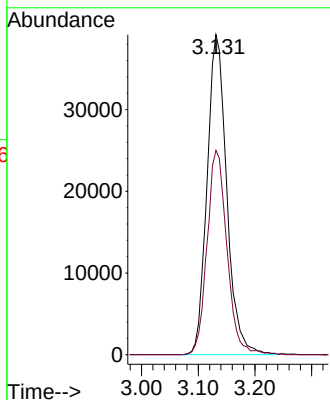
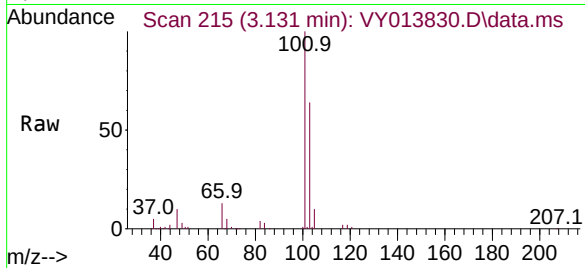




#7
 Trichlorofluoromethane
 Concen: 17.985 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY013830.D
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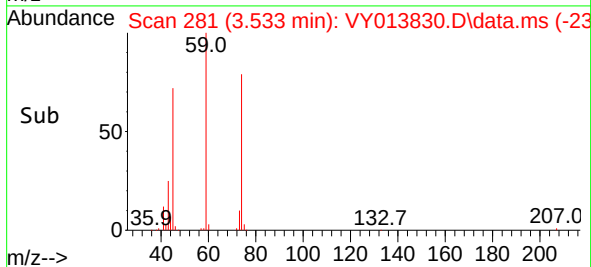
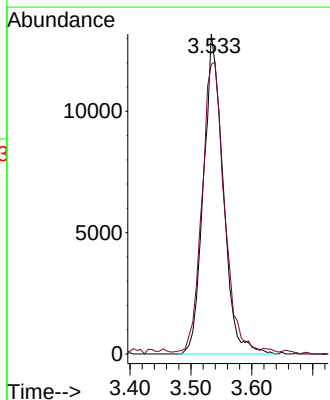
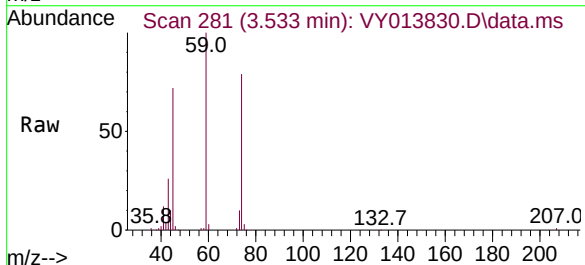
Instrument :
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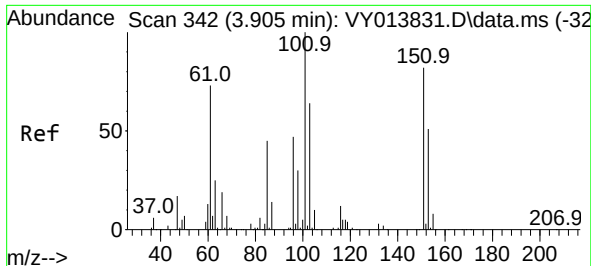
Tgt Ion:101 Resp: 94417
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9



#8
 Diethyl Ether
 Concen: 18.356 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 29558
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.8 155.5

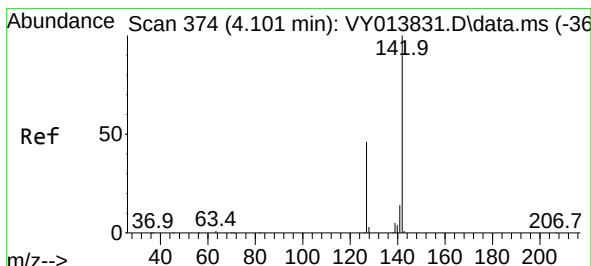
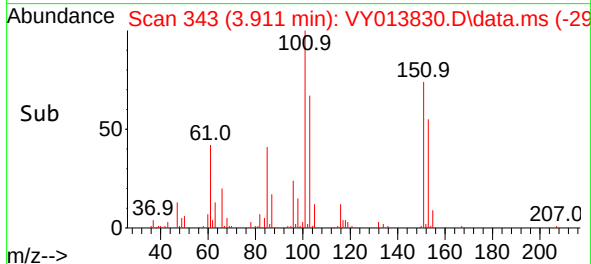
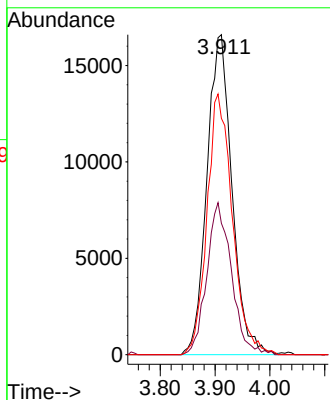
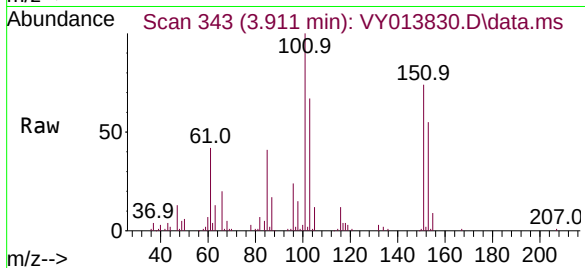




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.511 ug/l
RT: 3.911 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

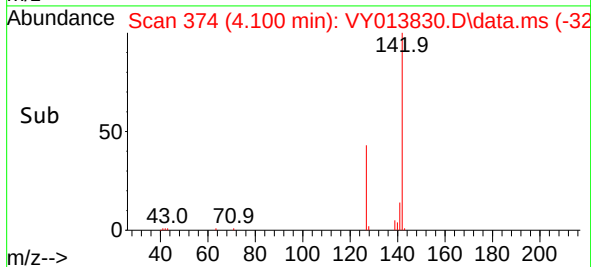
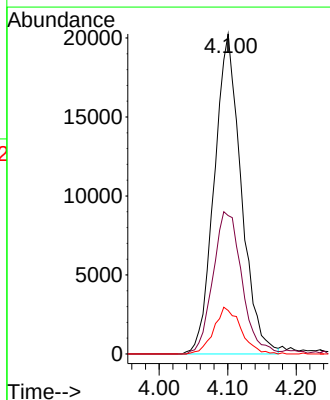
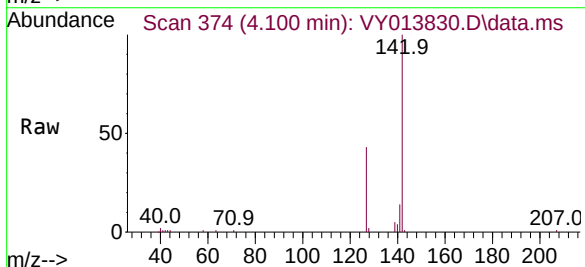
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

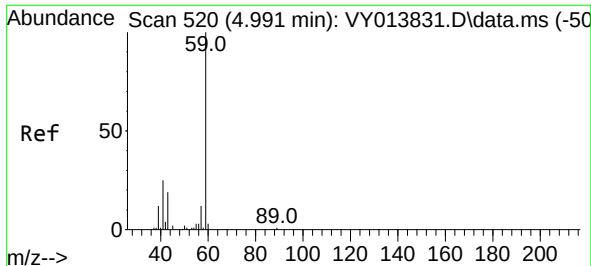
Tgt Ion:101 Resp: 52681
Ion Ratio Lower Upper
101 100
85 46.8 37.4 56.2
151 82.7 66.6 100.0



#10
Methyl Iodide
Concen: 16.374 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:142 Resp: 55323
Ion Ratio Lower Upper
142 100
127 47.6 37.0 55.4
141 14.7 11.8 17.6

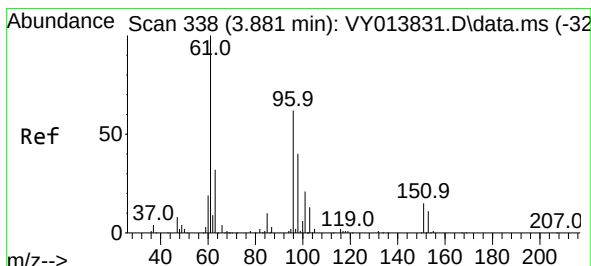
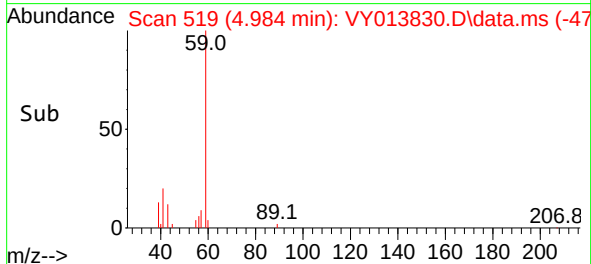
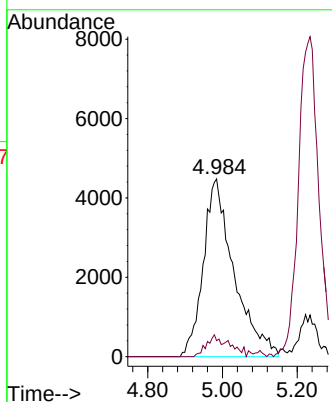
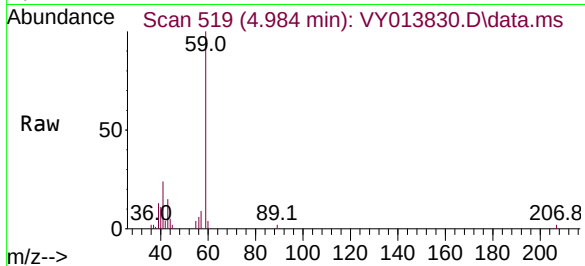




#11
Tert butyl alcohol
Concen: 105.339 ug/l
RT: 4.984 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

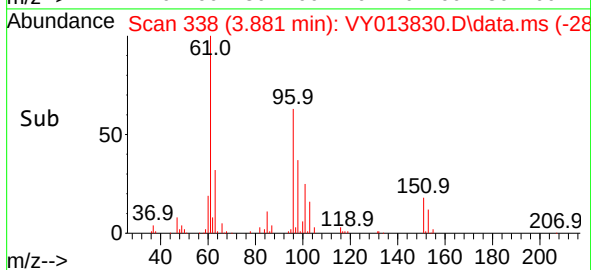
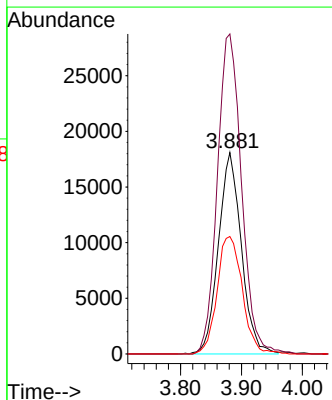
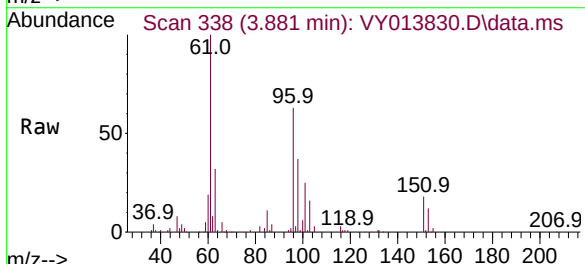
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

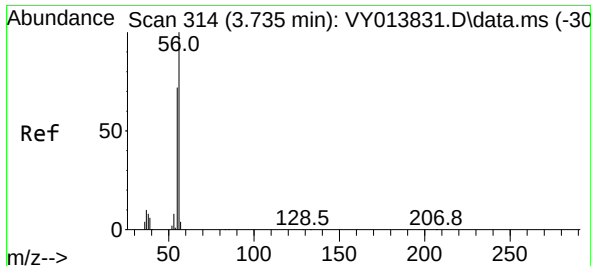
Tgt Ion: 59 Resp: 25518
Ion Ratio Lower Upper
59 100
57 5.7 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 17.687 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 96 Resp: 47291
Ion Ratio Lower Upper
96 100
61 158.8 129.0 193.4
98 58.3 52.0 78.0





#13

Acrolein

Concen: 111.374 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

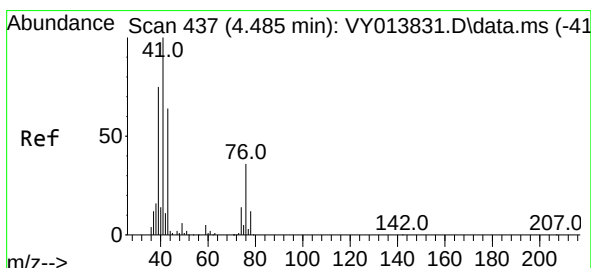
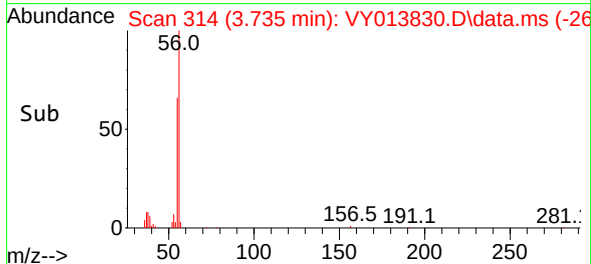
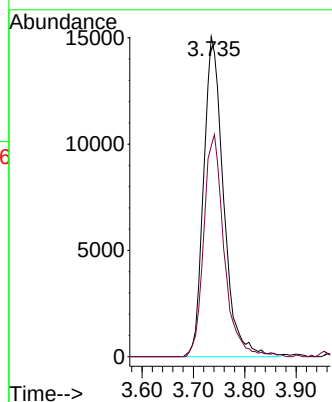
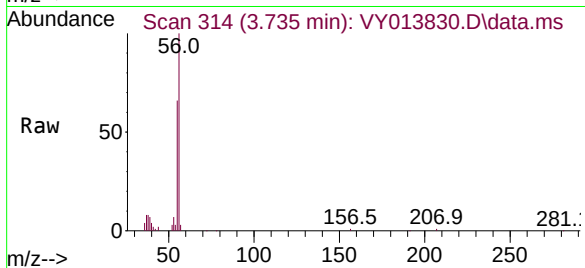
VSTDICC020

Tgt Ion: 56 Resp: 40584

Ion Ratio Lower Upper

56 100

55 71.0 56.2 84.2



#14

Allyl chloride

Concen: 17.649 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

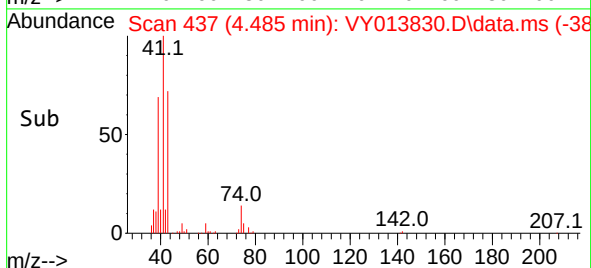
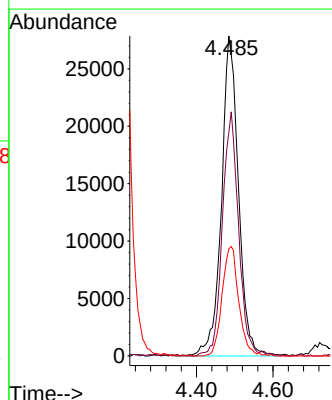
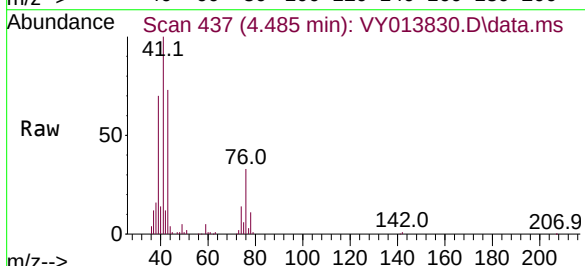
Tgt Ion: 41 Resp: 86149

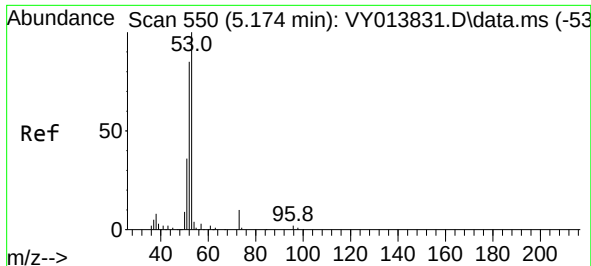
Ion Ratio Lower Upper

41 100

39 72.8 58.3 87.5

76 33.5 28.0 42.0

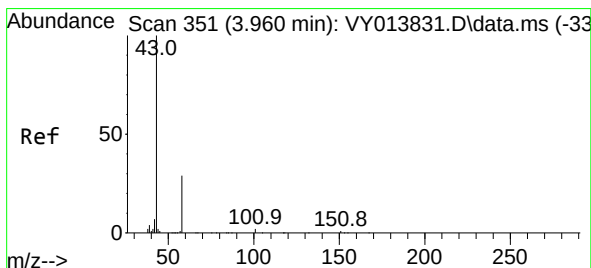
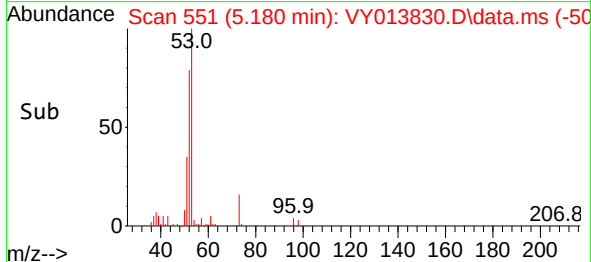
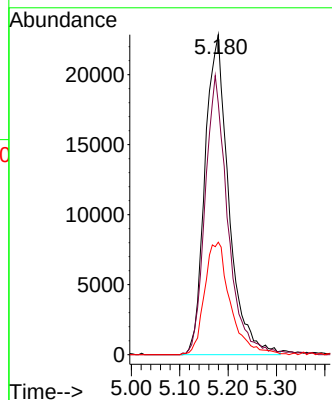
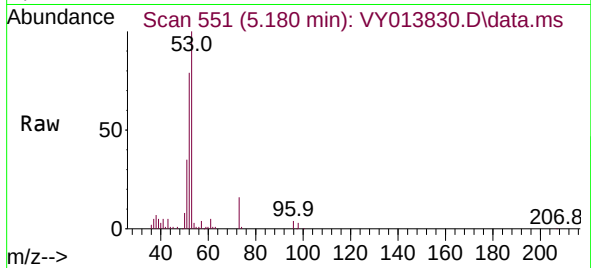




#15
Acrylonitrile
Concen: 94.720 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

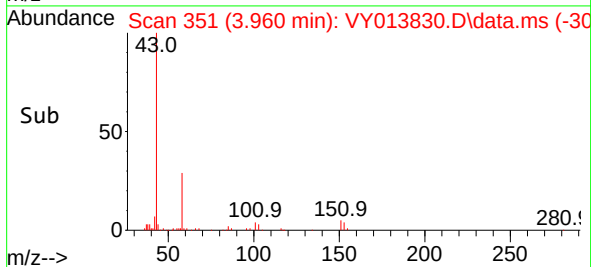
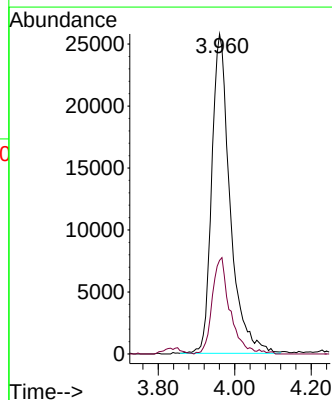
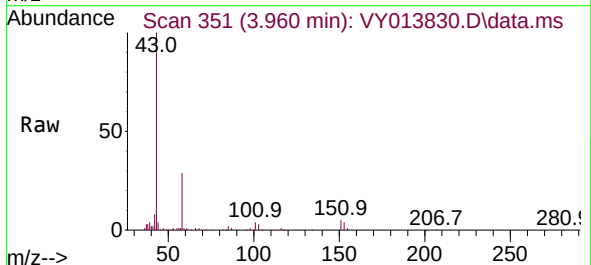
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

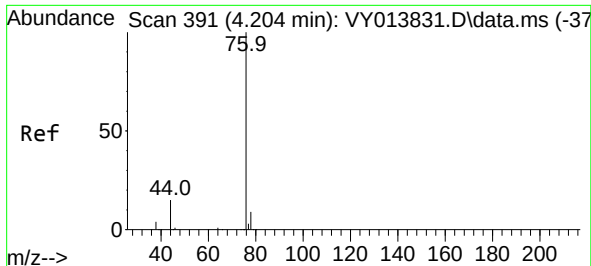
Tgt Ion: 53 Resp: 78203
Ion Ratio Lower Upper
53 100
52 83.3 67.2 100.8
51 38.1 30.2 45.2



#16
Acetone
Concen: 91.443 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 43 Resp: 85825
Ion Ratio Lower Upper
43 100
58 29.3 23.3 34.9

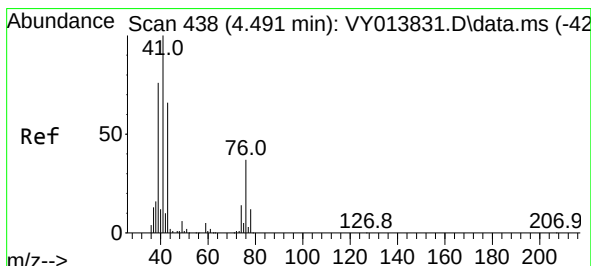
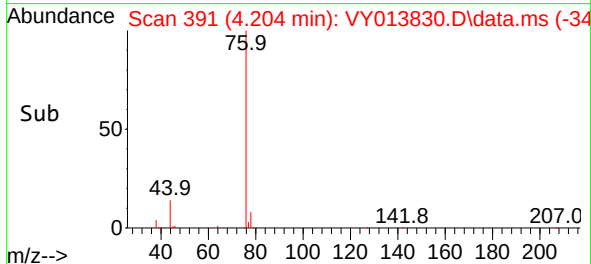
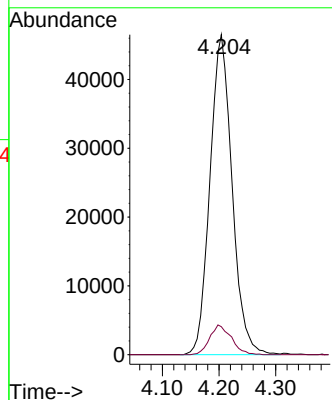
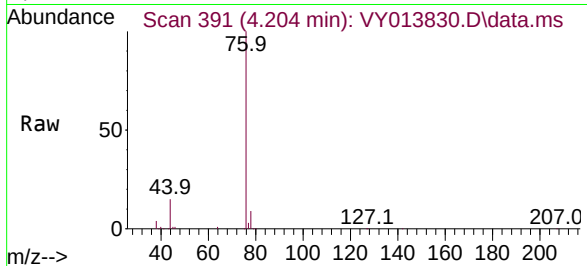




#17
Carbon Disulfide
Concen: 15.777 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

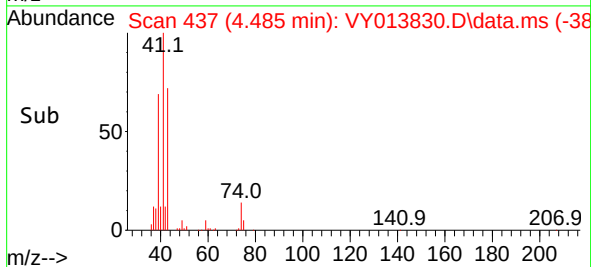
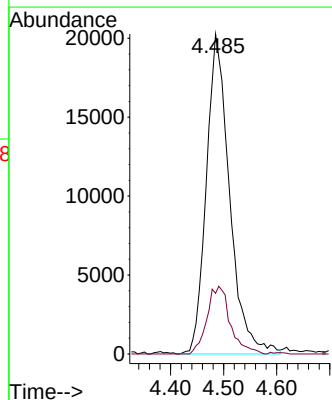
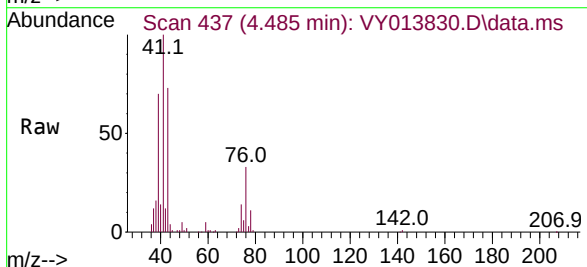
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

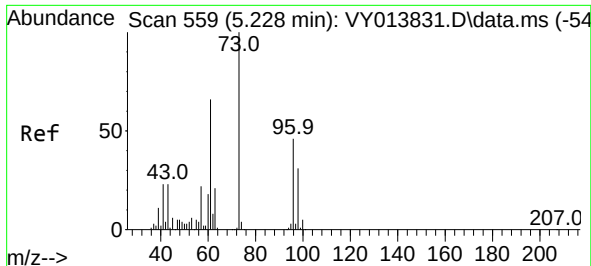
Tgt Ion: 76 Resp: 125913
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 18.929 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 43 Resp: 61634
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 18.411 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

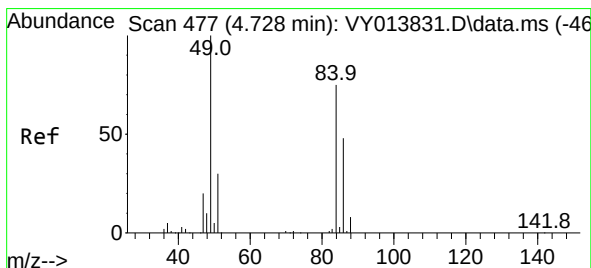
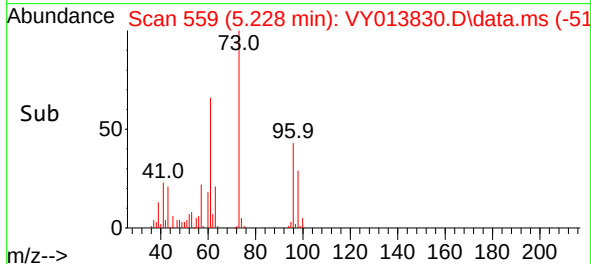
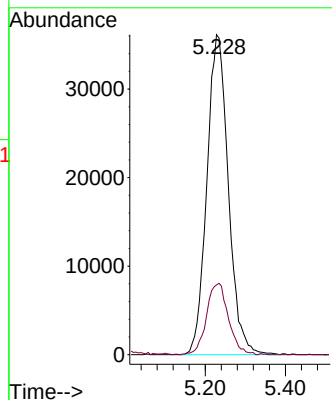
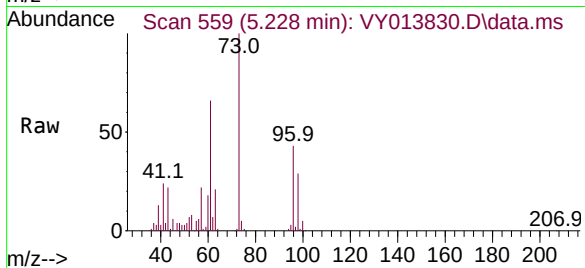
VSTDICC020

Tgt Ion: 73 Resp: 134338

Ion Ratio Lower Upper

73 100

57 21.8 17.4 26.2



#20

Methylene Chloride

Concen: 19.410 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Tgt Ion: 84 Resp: 69765

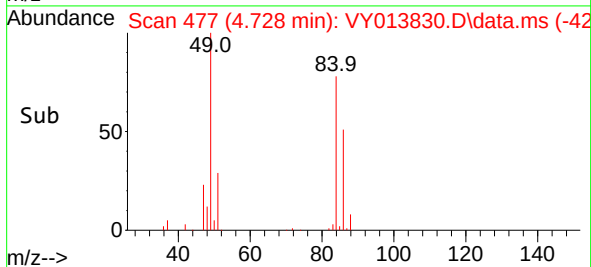
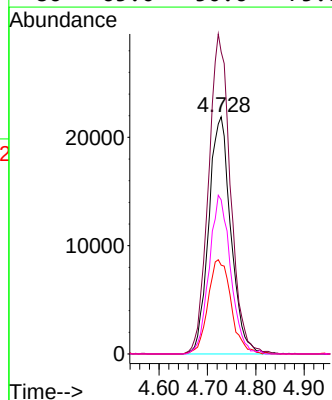
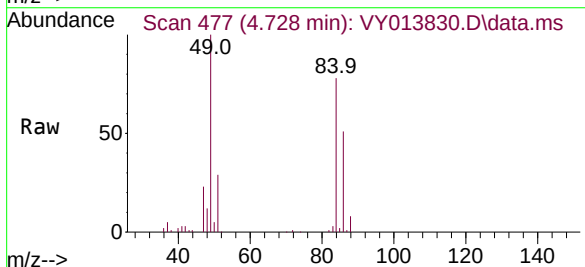
Ion Ratio Lower Upper

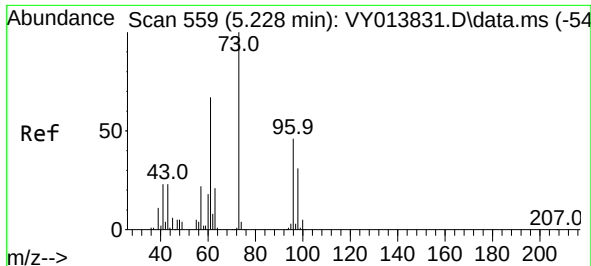
84 100

49 127.4 106.2 159.2

51 37.4 31.4 47.0

86 65.0 50.6 75.8

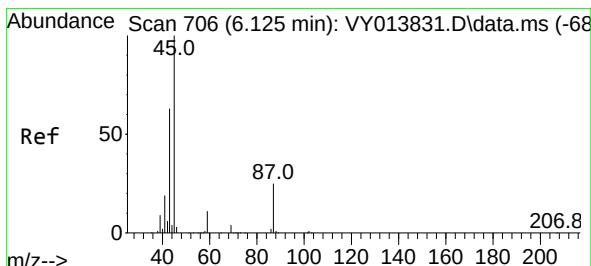
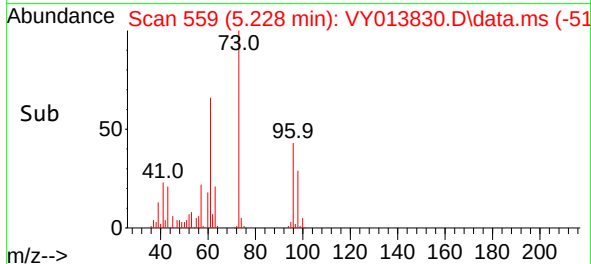
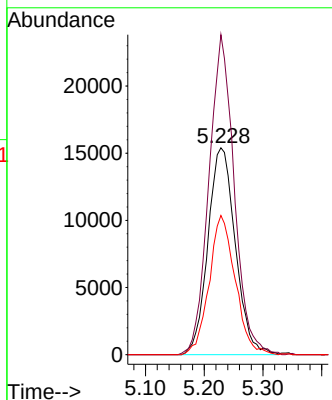
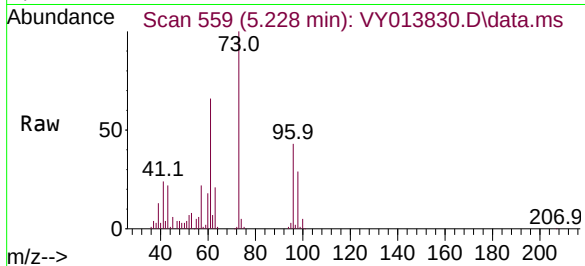




#21
trans-1,2-Dichloroethene
Concen: 17.205 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

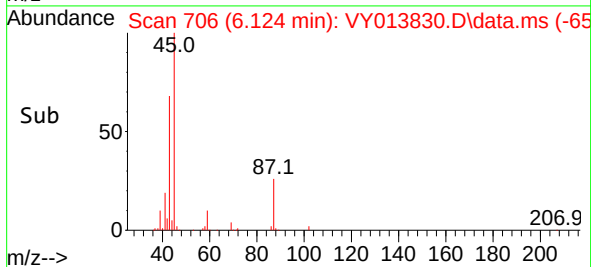
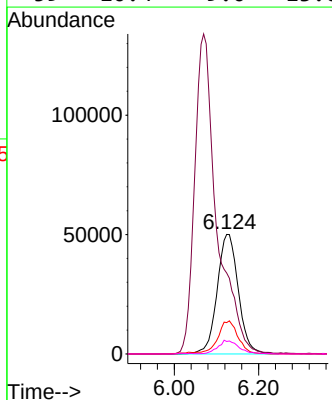
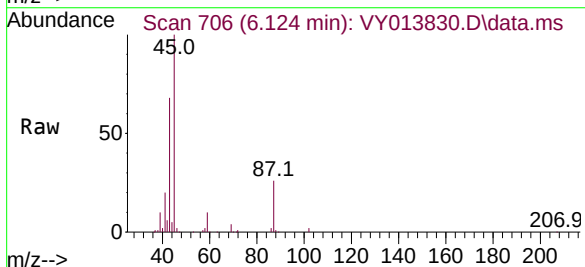
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

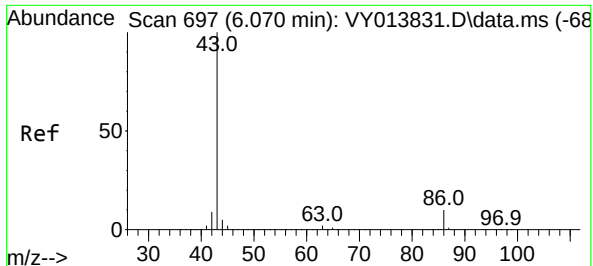
Tgt Ion: 96 Resp: 50005
Ion Ratio Lower Upper
96 100
61 154.7 115.5 173.3
98 67.3 53.7 80.5



#22
Diisopropyl ether
Concen: 18.447 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 45 Resp: 173858
Ion Ratio Lower Upper
45 100
43 67.0 50.6 75.8
87 26.2 20.7 31.1
59 10.4 9.0 13.6

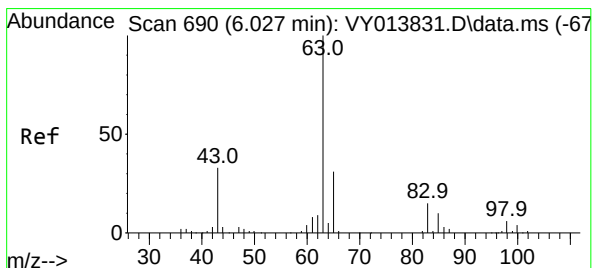
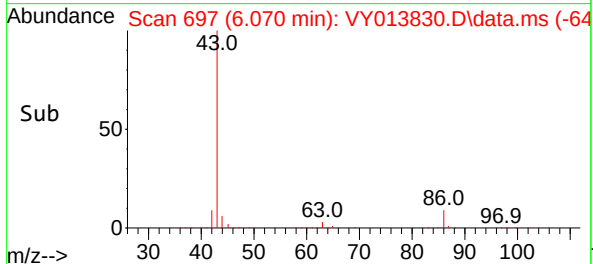
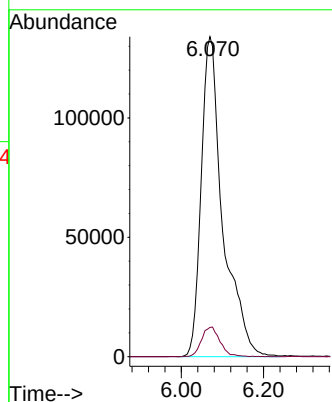
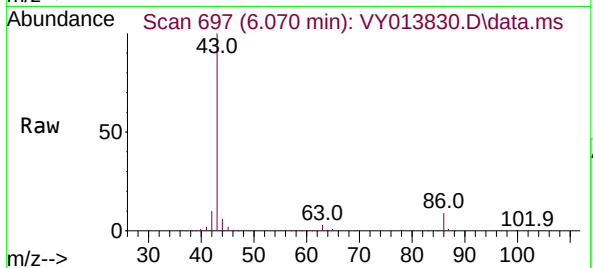




#23
 Vinyl Acetate
 Concen: 89.131 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY013830.D
 Acq: 23 May 2023 12:08

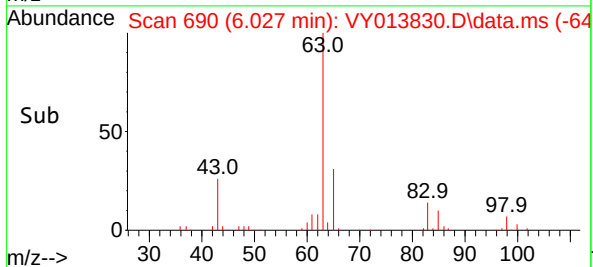
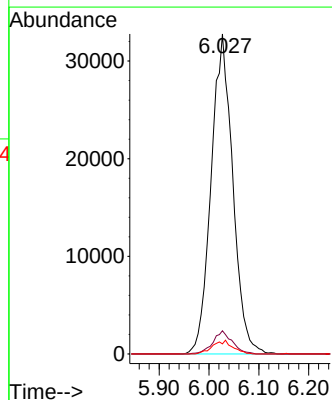
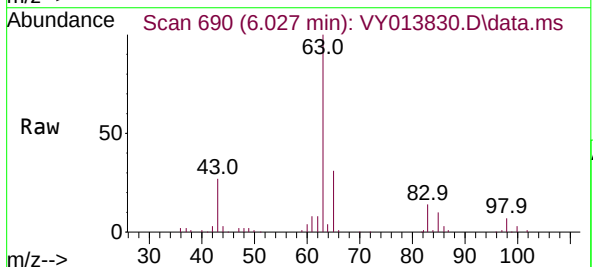
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

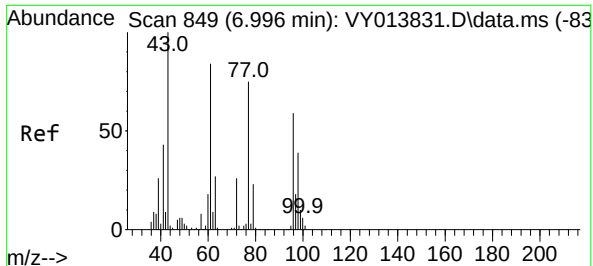
Tgt Ion: 43 Resp: 489263
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 17.966 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY013830.D
 Acq: 23 May 2023 12:08

Tgt Ion: 63 Resp: 98849
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.2 9.6
 100 3.1 2.1 6.2

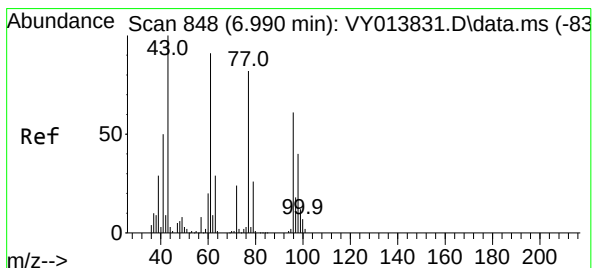
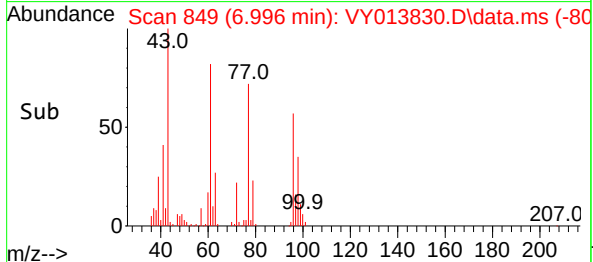
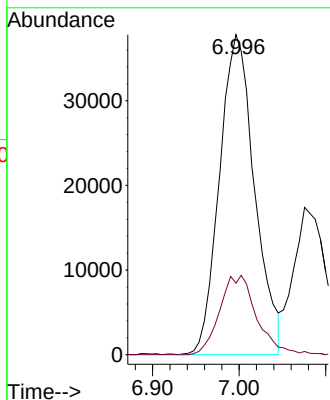
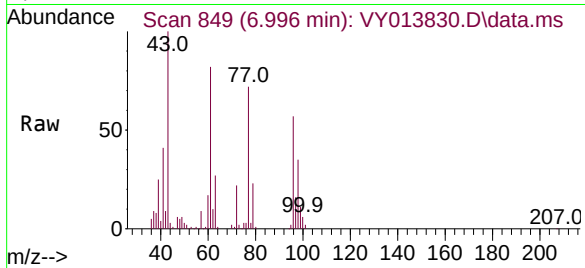




#25
2-Butanone
Concen: 93.147 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

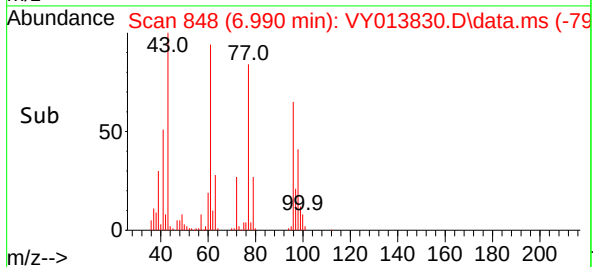
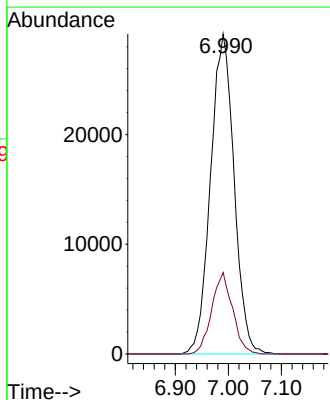
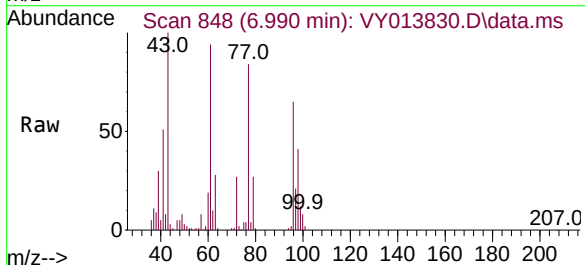
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

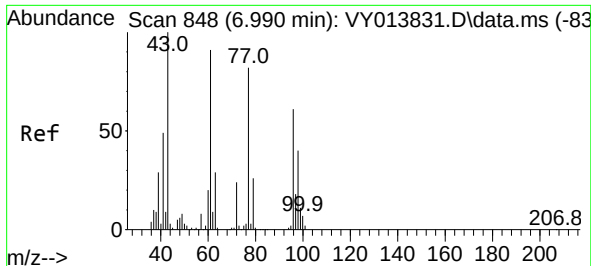
Tgt Ion: 43 Resp: 106678
Ion Ratio Lower Upper
43 100
72 22.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 18.128 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 77 Resp: 89841
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.979 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

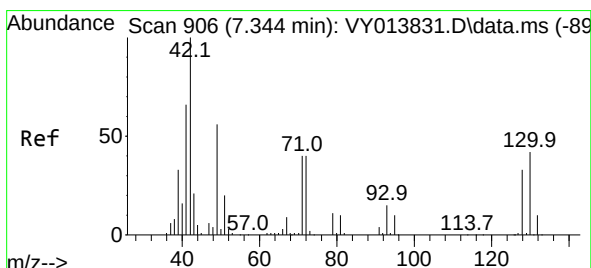
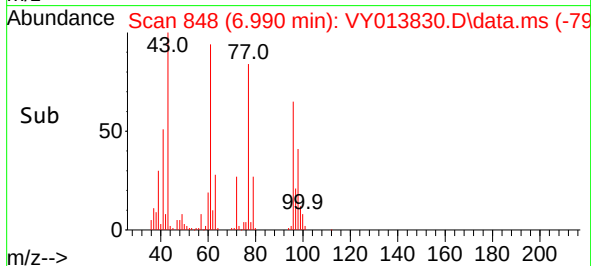
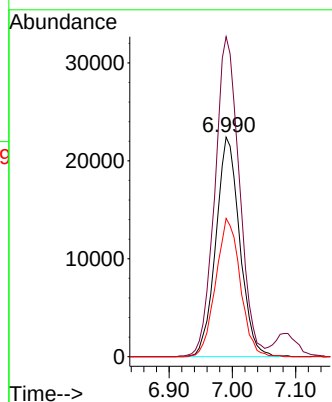
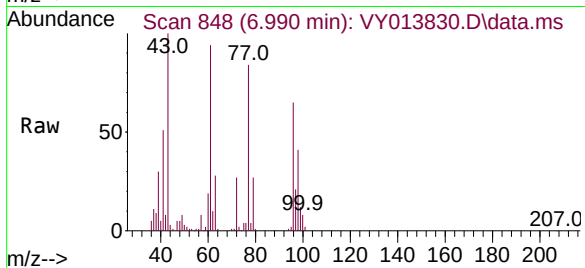
Tgt Ion: 96 Resp: 58703

Ion Ratio Lower Upper

96 100

61 149.7 0.0 296.4

98 64.7 0.0 129.4



#28

Bromochloromethane

Concen: 20.515 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

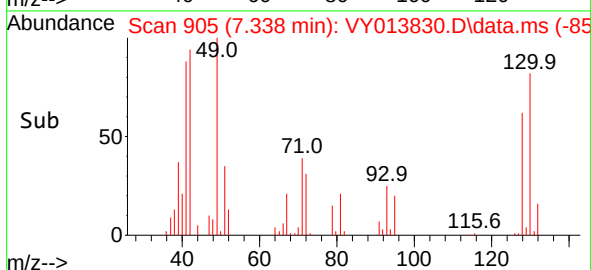
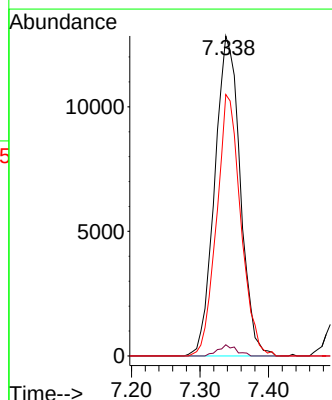
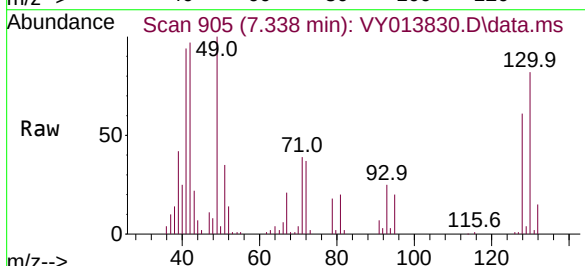
Tgt Ion: 49 Resp: 33131

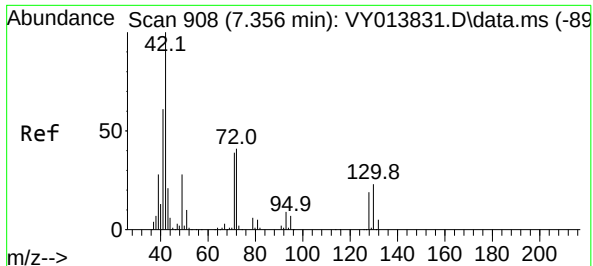
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 77.5 60.2 90.2





#29

Tetrahydrofuran

Concen: 92.709 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

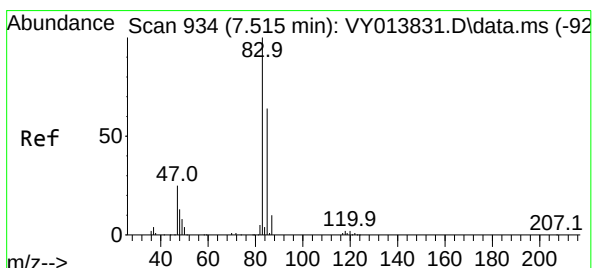
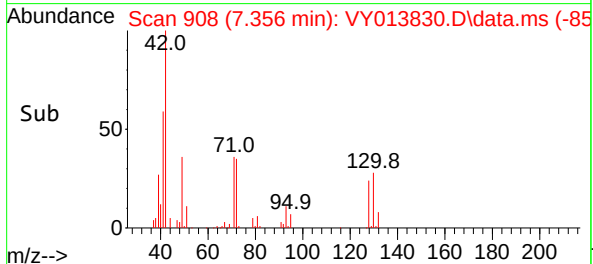
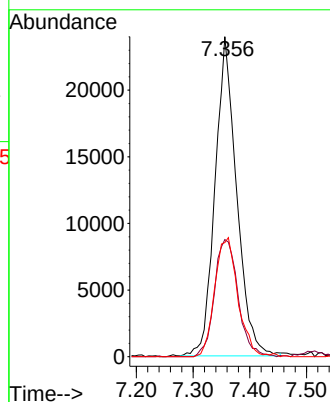
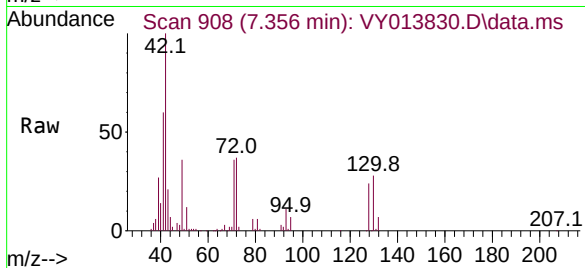
Tgt Ion: 42 Resp: 63392

Ion Ratio Lower Upper

42 100

72 40.1 31.7 47.5

71 39.8 30.6 45.8



#30

Chloroform

Concen: 18.680 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY013830.D

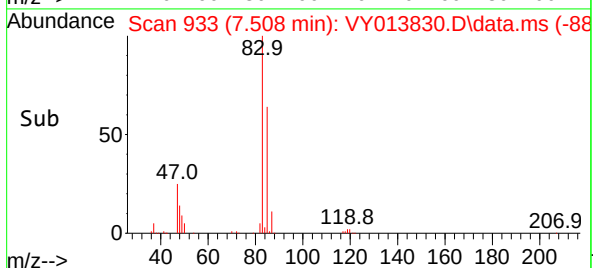
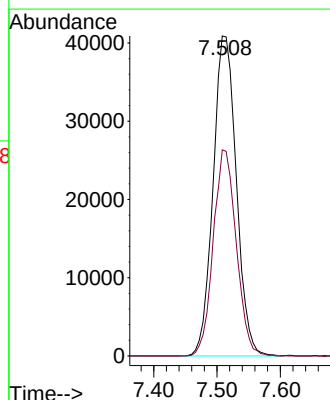
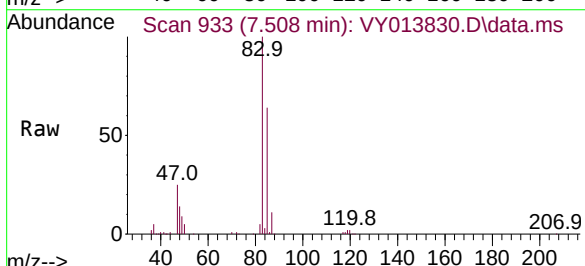
Acq: 23 May 2023 12:08

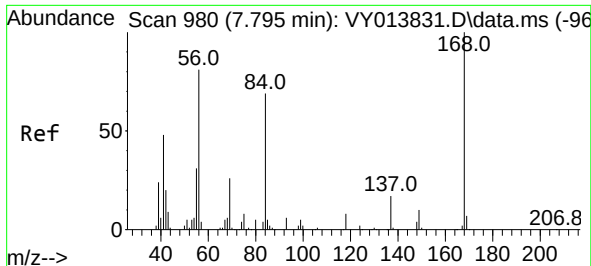
Tgt Ion: 83 Resp: 104201

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

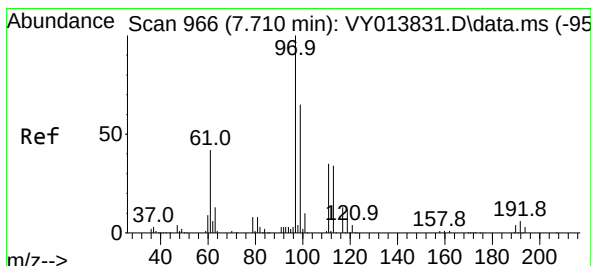
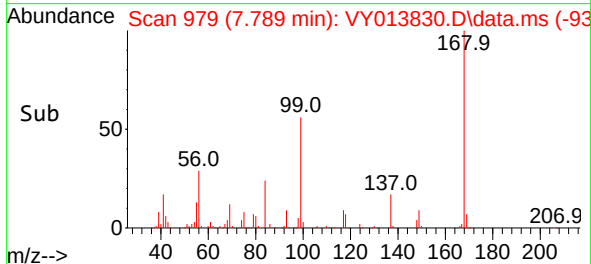
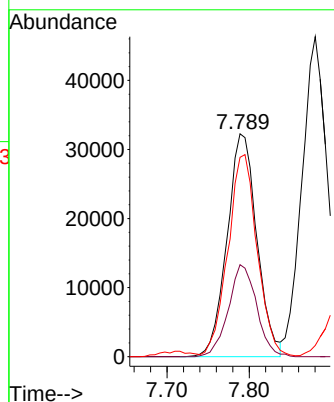
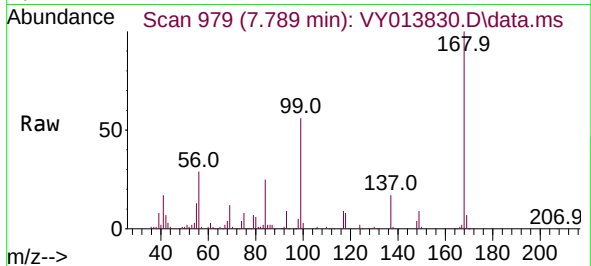




#31
Cyclohexane
Concen: 16.723 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

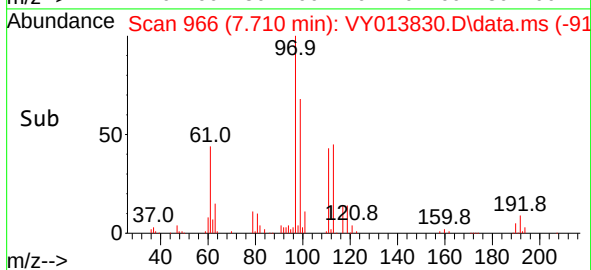
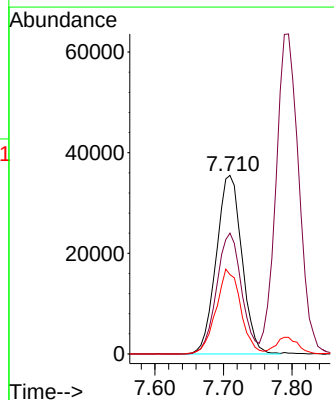
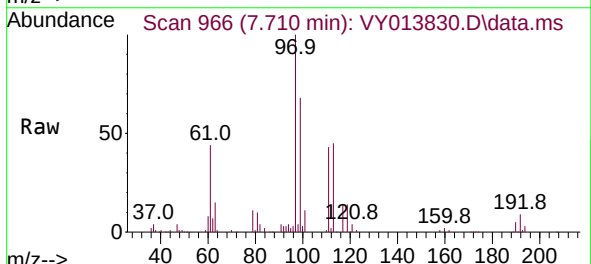
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

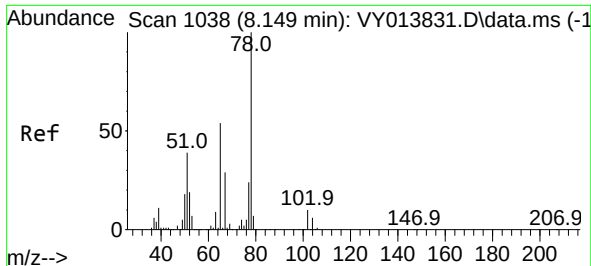
Tgt Ion: 56 Resp: 81252
Ion Ratio Lower Upper
56 100
69 41.2 25.8 38.8#
84 86.9 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 18.095 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 97 Resp: 92083
Ion Ratio Lower Upper
97 100
99 66.1 50.5 75.7
61 45.7 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 20.464 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

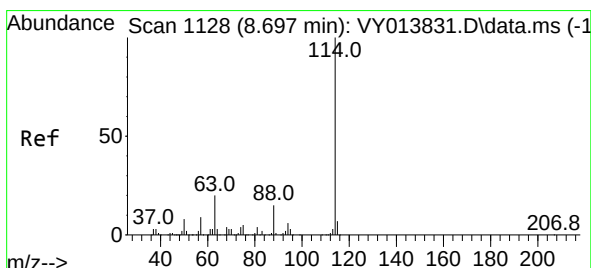
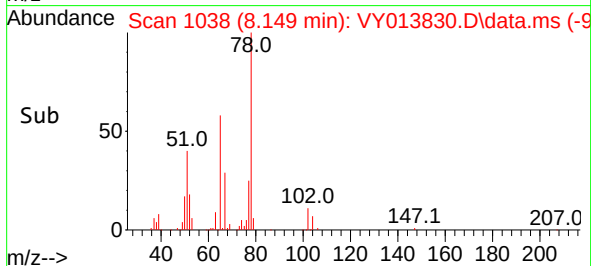
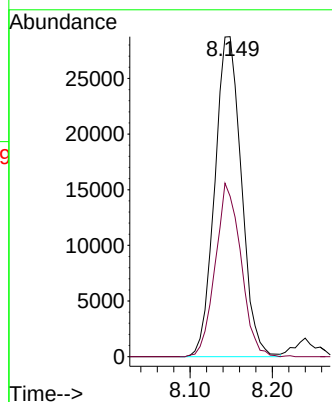
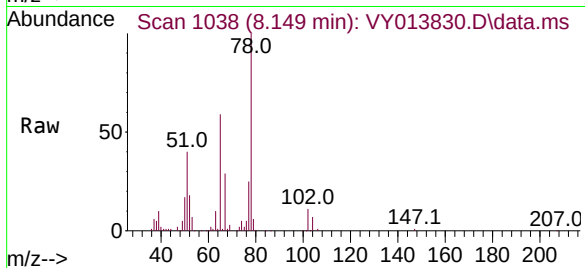
VSTDICC020

Tgt Ion: 65 Resp: 64714

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

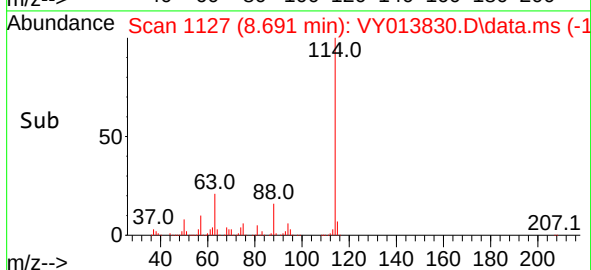
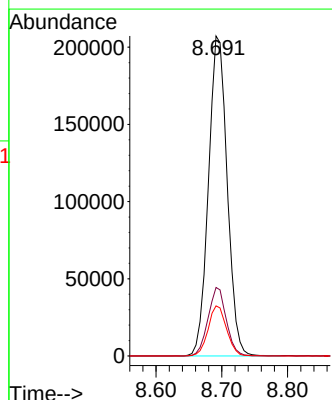
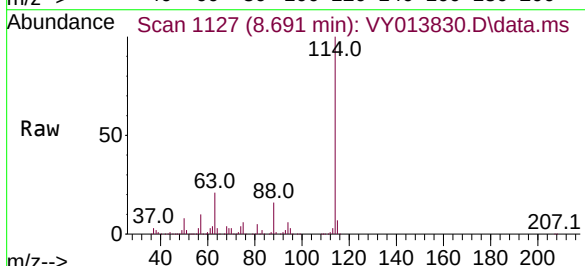
Tgt Ion: 114 Resp: 410416

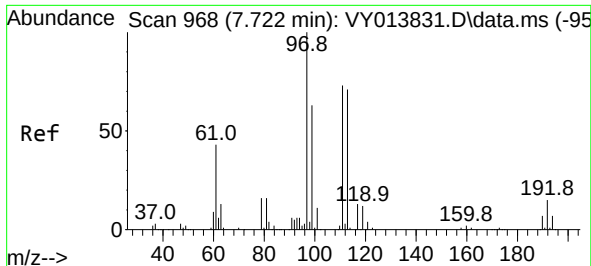
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

88 15.7 0.0 30.0

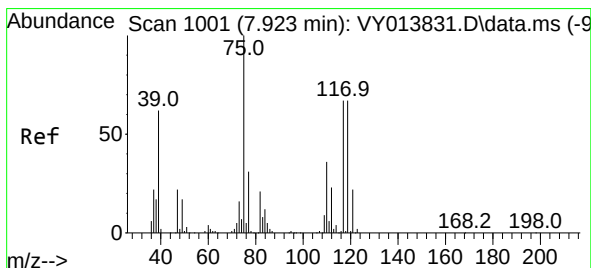
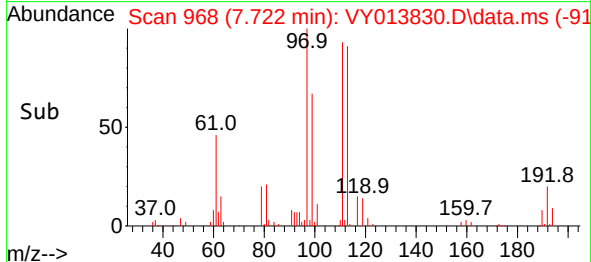
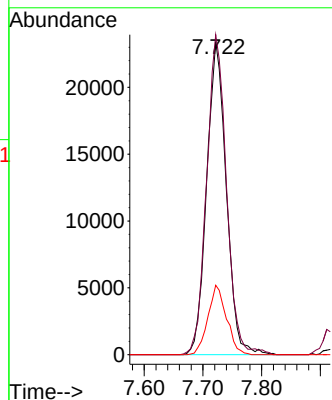
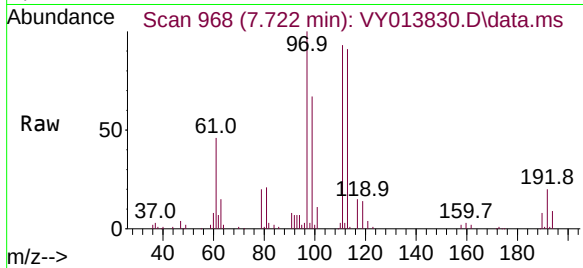




#35
Dibromofluoromethane
Concen: 20.470 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

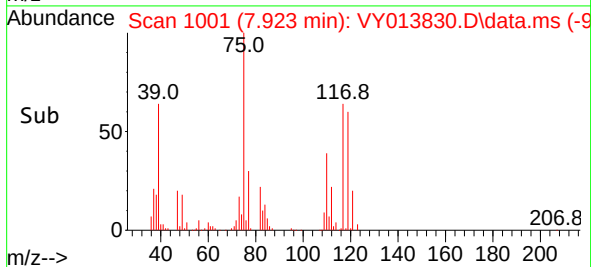
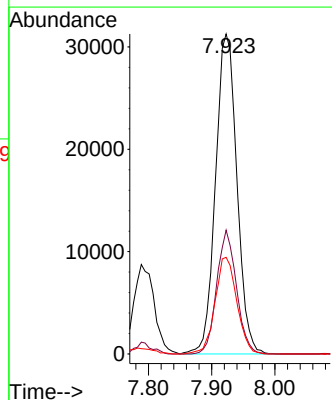
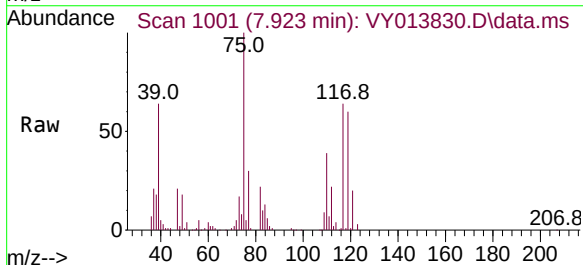
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

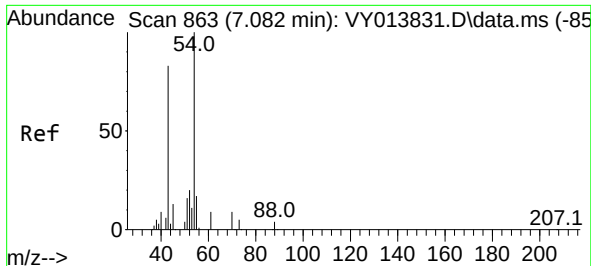
Tgt Ion:113 Resp: 54256
Ion Ratio Lower Upper
113 100
111 104.0 80.4 120.6
192 21.0 16.6 25.0



#36
1,1-Dichloropropene
Concen: 18.152 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 75 Resp: 73279
Ion Ratio Lower Upper
75 100
110 35.7 17.5 52.6
77 30.8 24.4 36.6

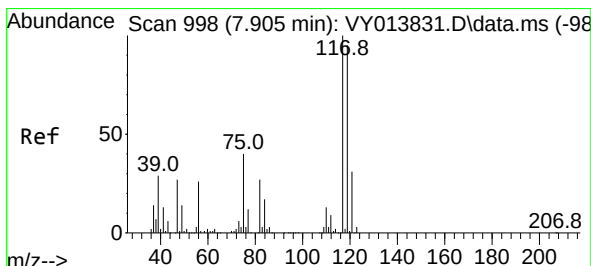
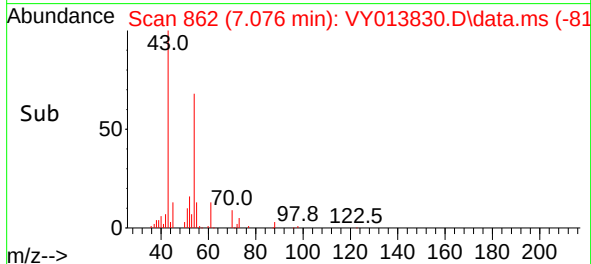
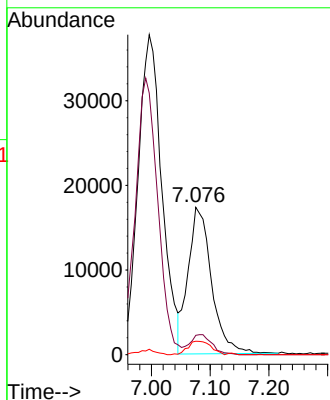
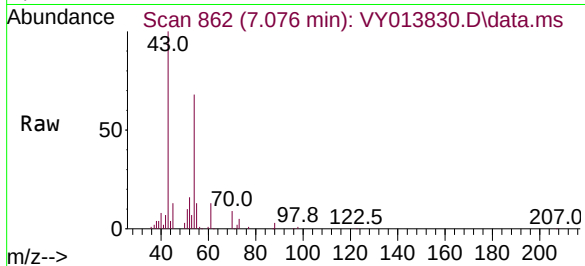




#37
Ethyl Acetate
Concen: 19.545 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

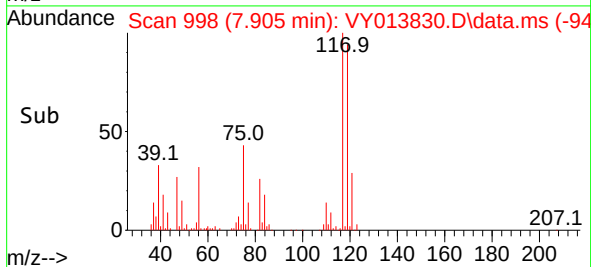
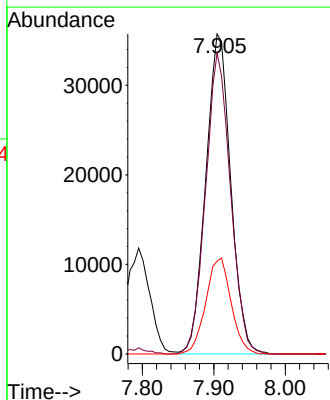
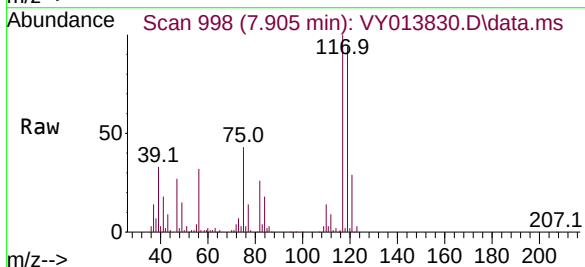
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

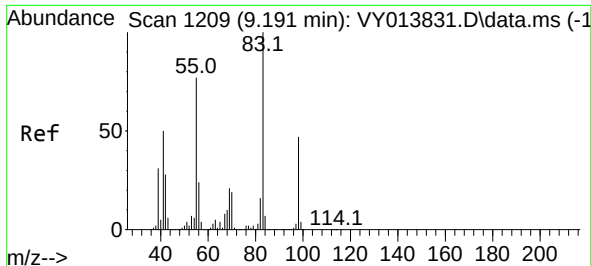
Tgt Ion: 43 Resp: 48130
Ion Ratio Lower Upper
43 100
61 12.9 10.5 15.7
70 9.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 18.874 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 117 Resp: 86649
Ion Ratio Lower Upper
117 100
119 94.0 75.6 113.4
121 29.0 24.8 37.2





#39

Methylcyclohexane

Concen: 17.142 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

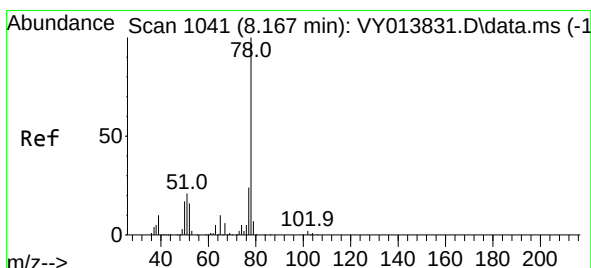
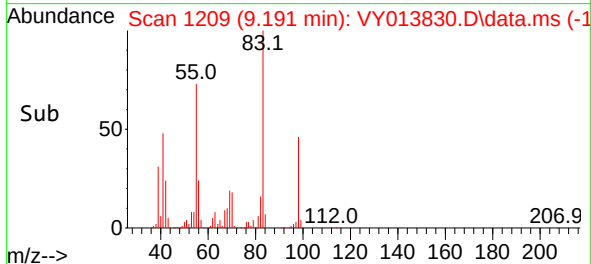
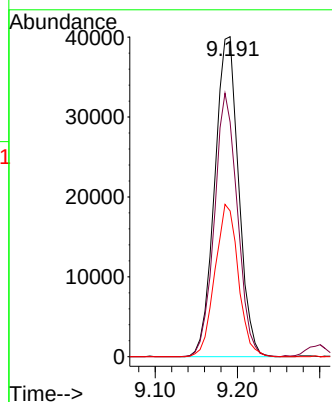
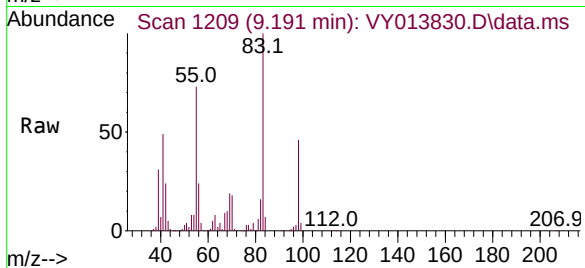
Tgt Ion: 83 Resp: 81043

Ion Ratio Lower Upper

83 100

55 73.3 61.6 92.4

98 45.5 38.0 57.0



#40

Benzene

Concen: 18.237 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY013830.D

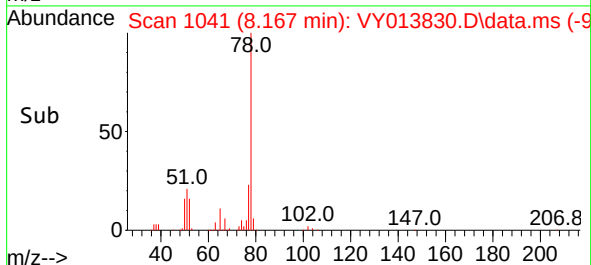
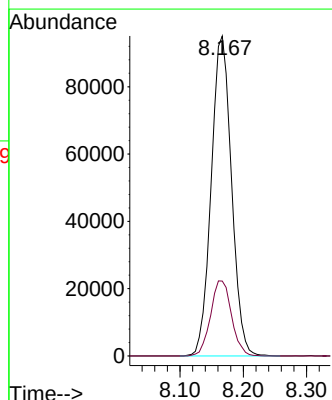
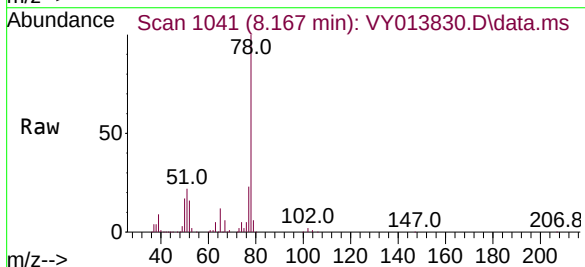
Acq: 23 May 2023 12:08

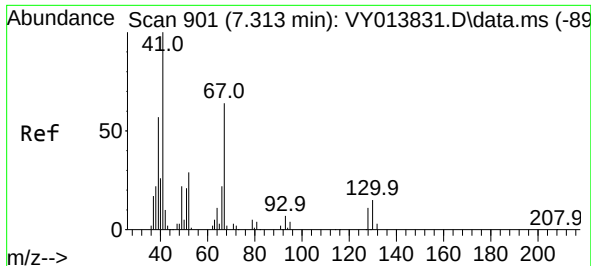
Tgt Ion: 78 Resp: 211465

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3

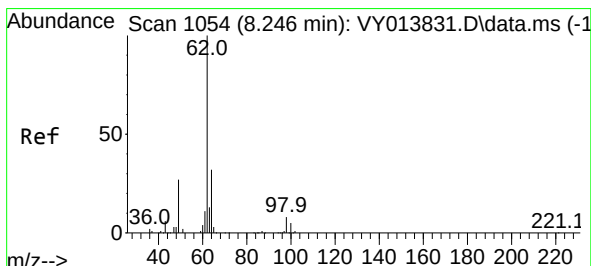
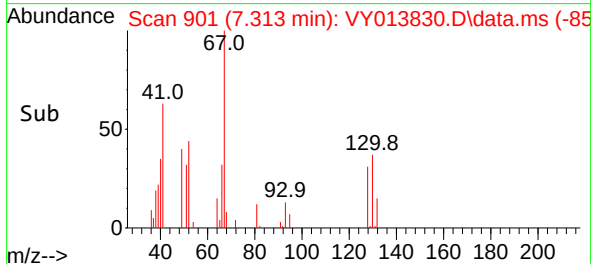
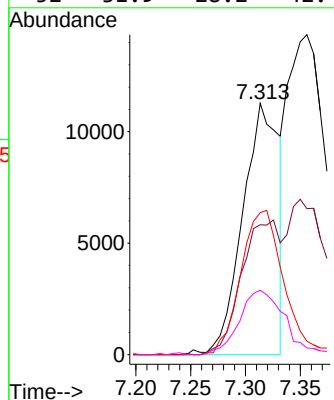
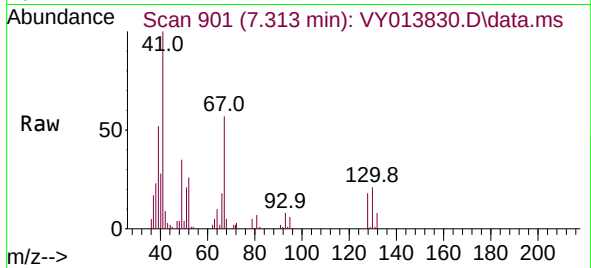




#41
Methacrylonitrile
Concen: 19.288 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

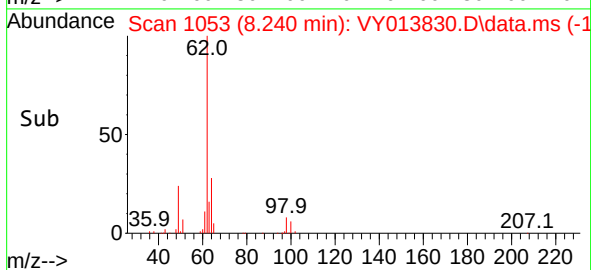
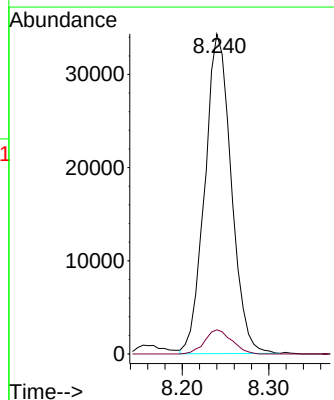
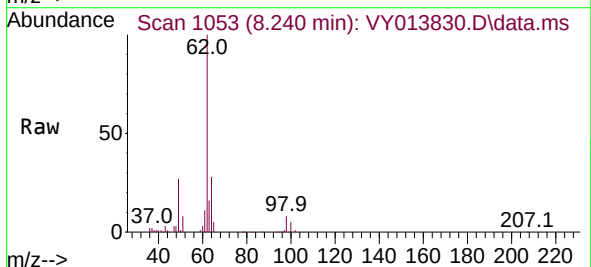
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

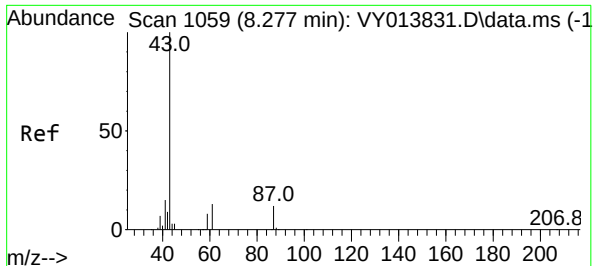
Tgt Ion:	41	Resp:	25916
Ion Ratio	Lower	Upper	
41	100		
39	56.5	44.1	66.1
67	68.1	63.7	95.5
52	31.9	28.2	42.4



#42
1,2-Dichloroethane
Concen: 19.176 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:	62	Resp:	72799
Ion Ratio	Lower	Upper	
62	100		
98	7.7	0.0	16.8

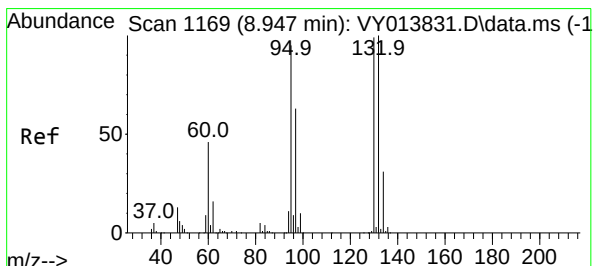
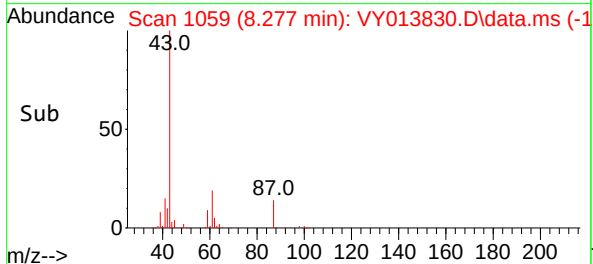
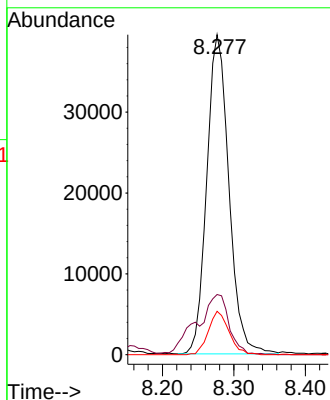
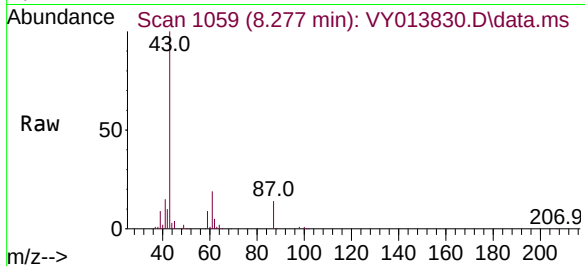




#43
Isopropyl Acetate
Concen: 18.944 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

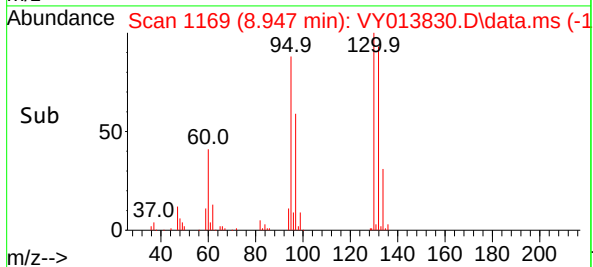
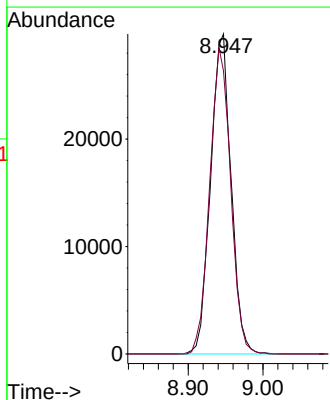
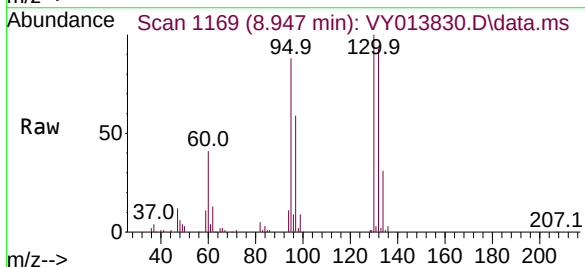
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

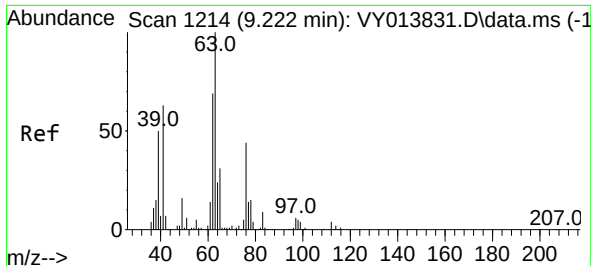
Tgt Ion: 43	Resp: 85008
Ion Ratio	Lower Upper
43	100
61	27.7 21.1 31.7
87	12.7 9.8 14.6



#44
Trichloroethene
Concen: 18.126 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 130	Resp: 56625
Ion Ratio	Lower Upper
130	100
95	88.5 0.0 192.8





#45

1,2-Dichloropropane

Concen: 18.613 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

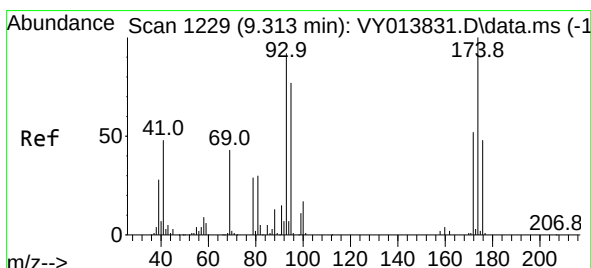
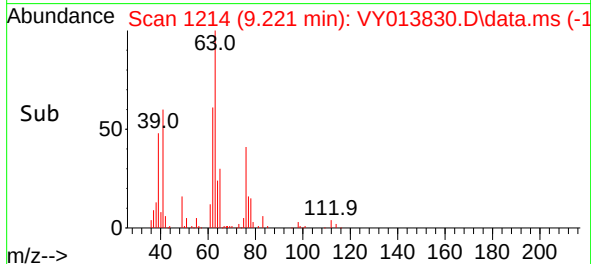
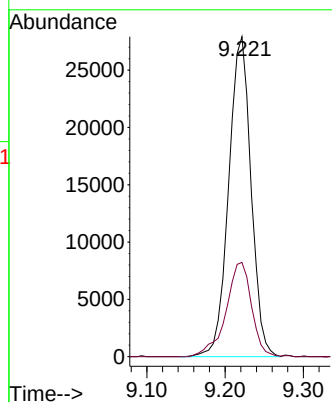
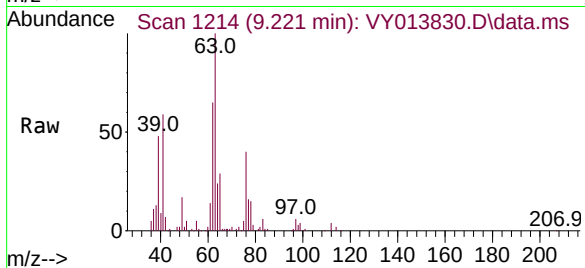
VSTDICC020

Tgt Ion: 63 Resp: 55288

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#46

Dibromomethane

Concen: 18.952 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

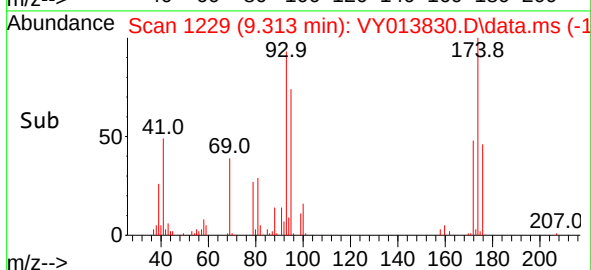
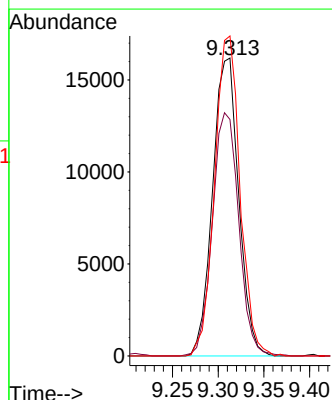
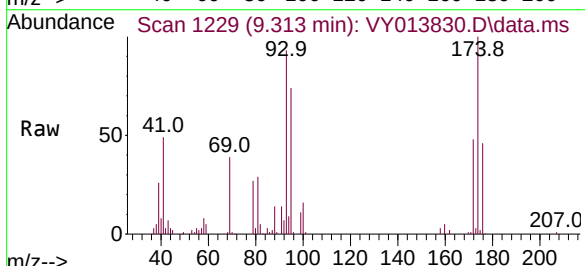
Tgt Ion: 93 Resp: 32240

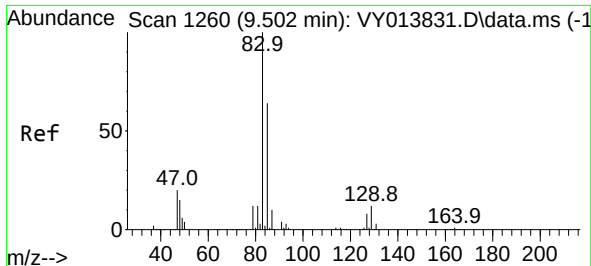
Ion Ratio Lower Upper

93 100

95 82.4 66.4 99.6

174 104.8 83.9 125.9





#47

Bromodichloromethane

Concen: 19.227 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

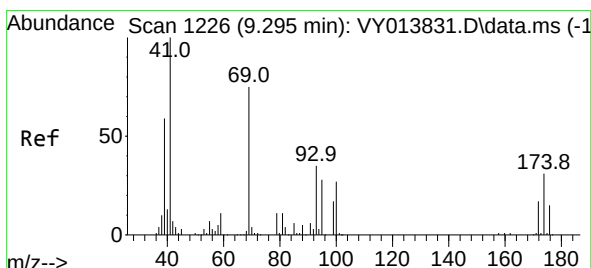
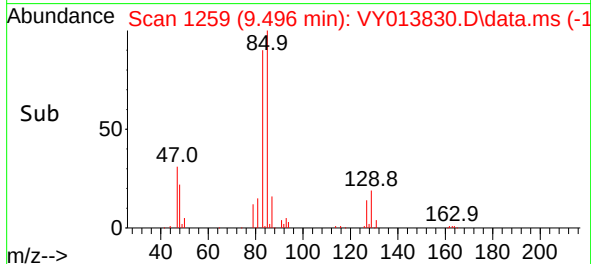
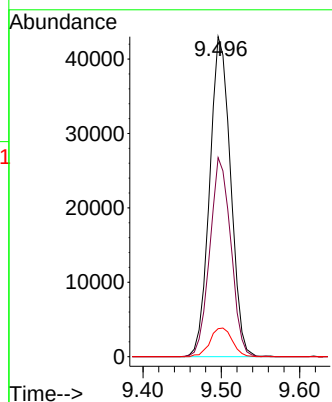
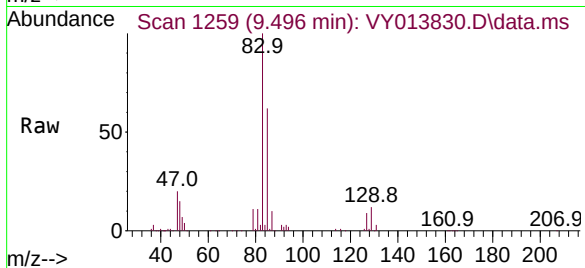
Tgt Ion: 83 Resp: 79711

Ion Ratio Lower Upper

83 100

85 62.2 51.5 77.3

127 8.8 6.6 10.0



#48

Methyl methacrylate

Concen: 18.341 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

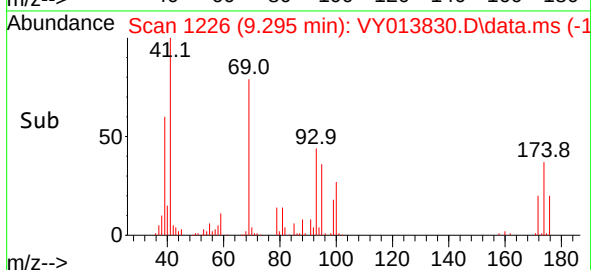
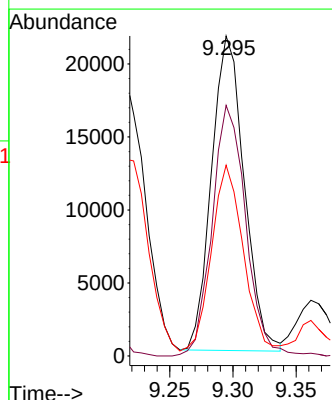
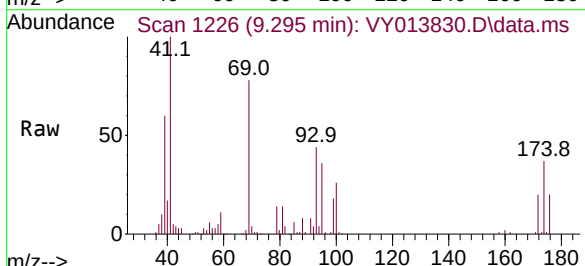
Tgt Ion: 41 Resp: 38647

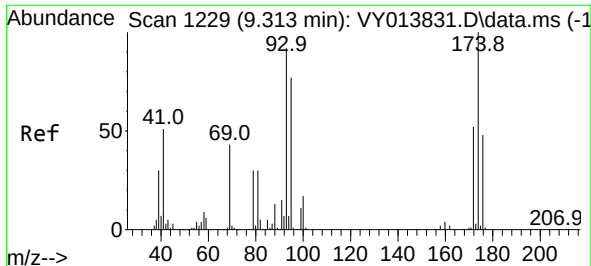
Ion Ratio Lower Upper

41 100

69 82.3 62.0 93.0

39 57.8 45.7 68.5

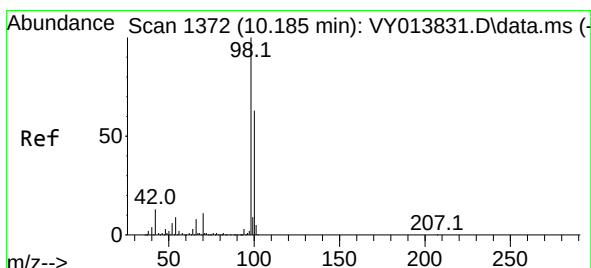
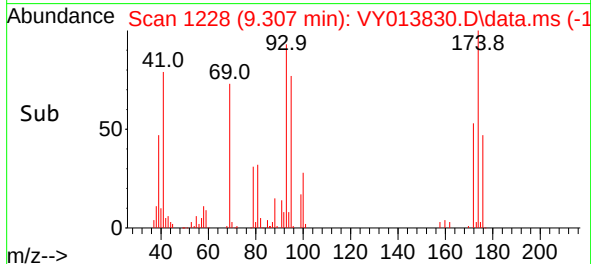
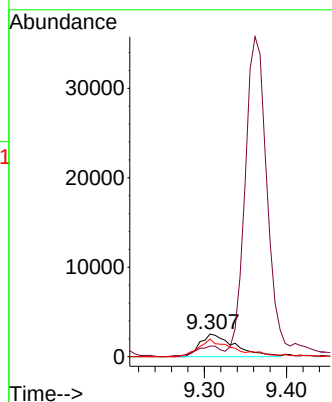
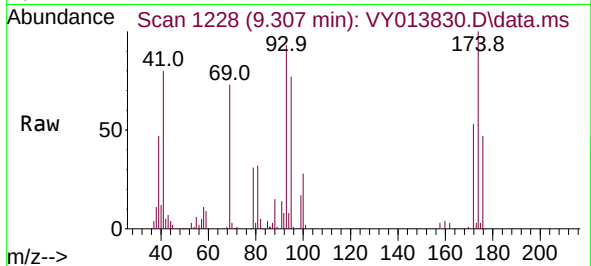




#49
1,4-Dioxane
Concen: 372.231 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

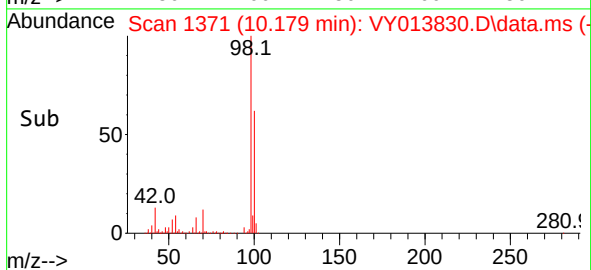
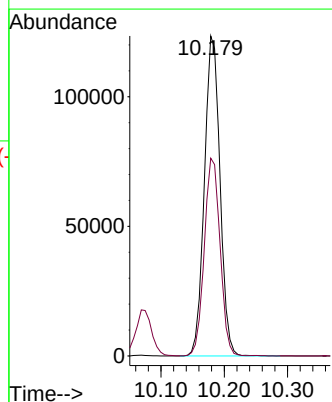
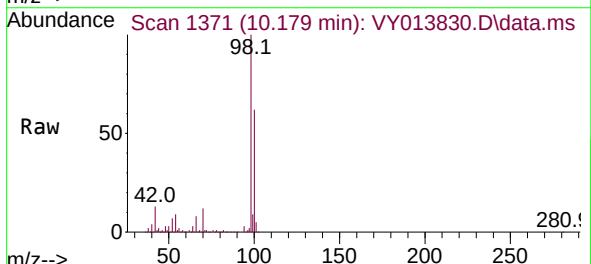
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

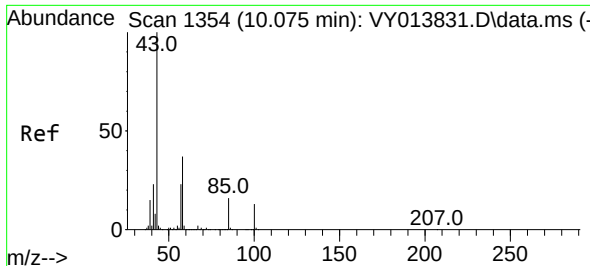
Tgt Ion: 88 Resp: 7442
Ion Ratio Lower Upper
88 100
43 34.8 0.0 0.0#
58 76.7 59.0 88.6



#50
Toluene-d8
Concen: 21.077 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 98 Resp: 212326
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2

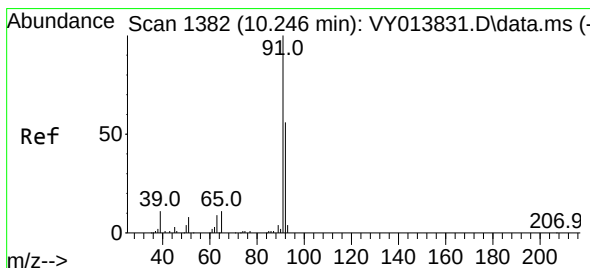
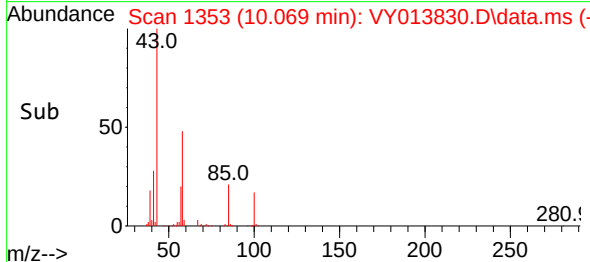
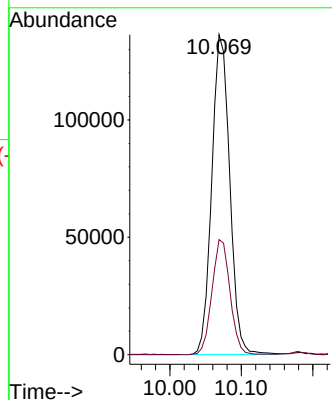
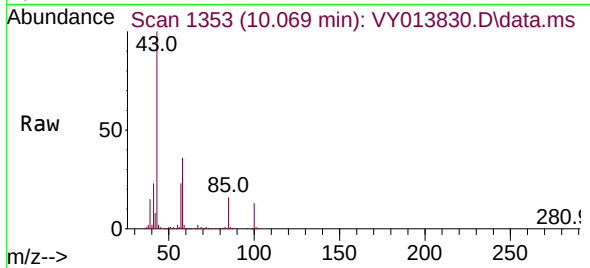




#51
4-Methyl-2-Pentanone
Concen: 99.379 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

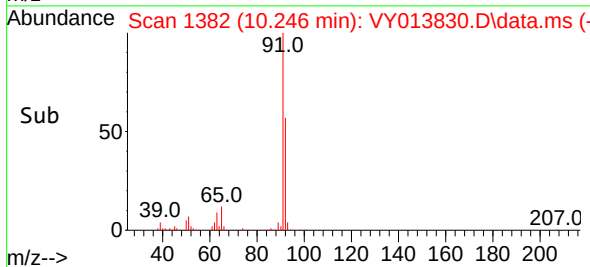
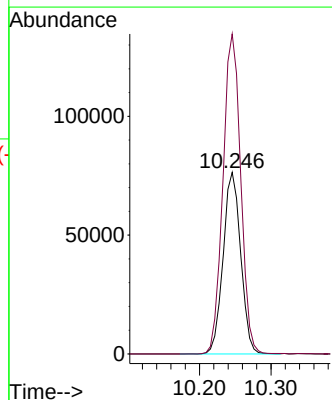
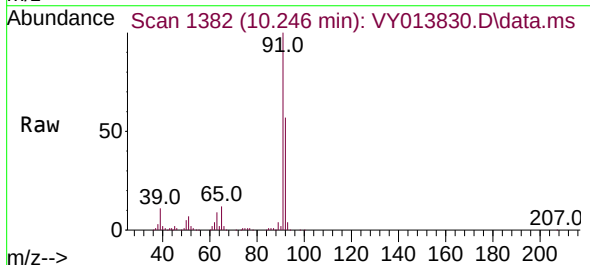
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

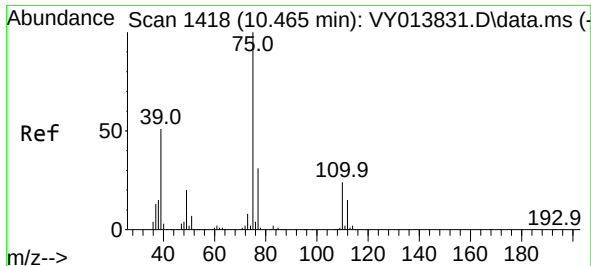
Tgt Ion: 43 Resp: 237659
Ion Ratio Lower Upper
43 100
58 36.3 29.1 43.7



#52
Toluene
Concen: 18.444 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 92 Resp: 130396
Ion Ratio Lower Upper
92 100
91 178.2 142.2 213.4

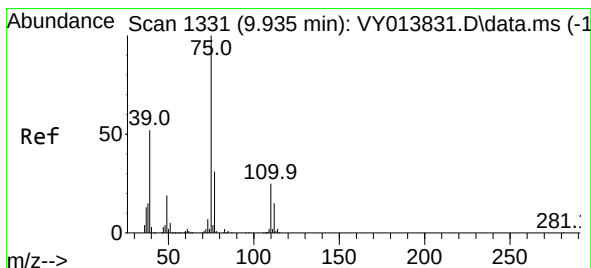
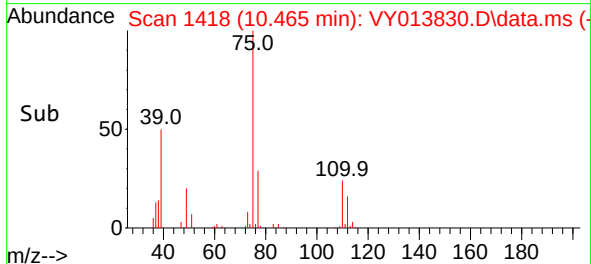
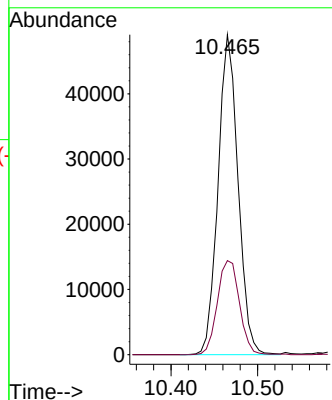
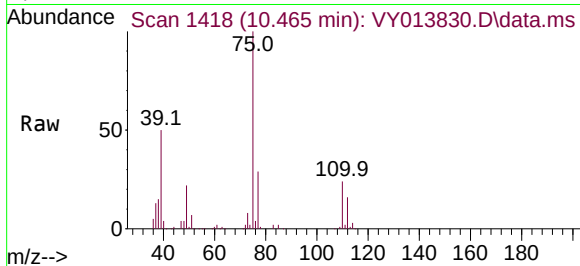




#53
t-1,3-Dichloropropene
Concen: 18.665 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

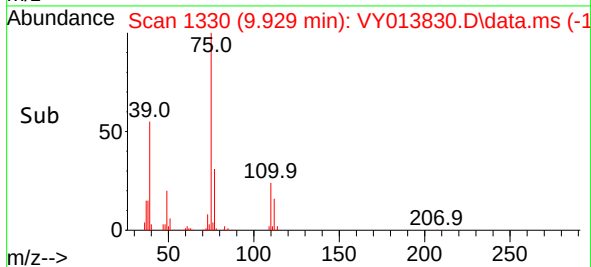
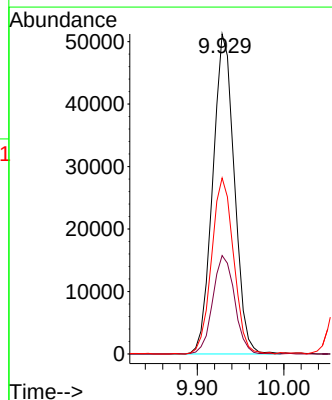
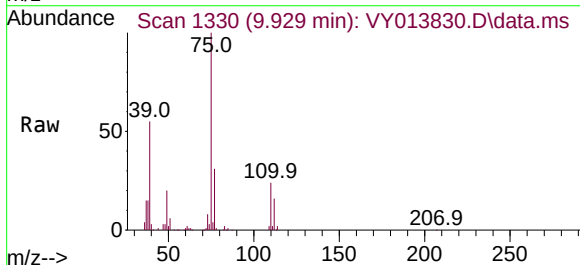
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

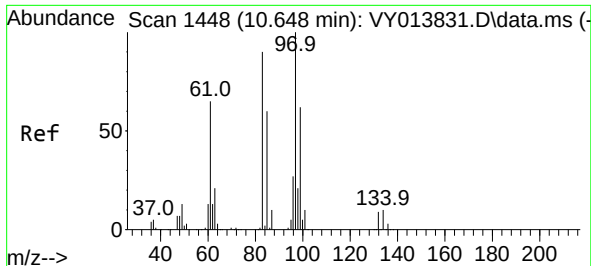
Tgt Ion: 75 Resp: 78768
Ion Ratio Lower Upper
75 100
77 29.4 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 18.751 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 75 Resp: 88649
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 55.0 41.8 62.8

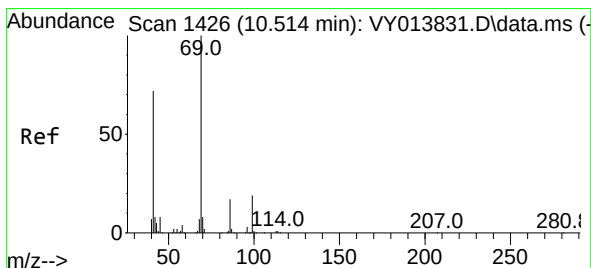
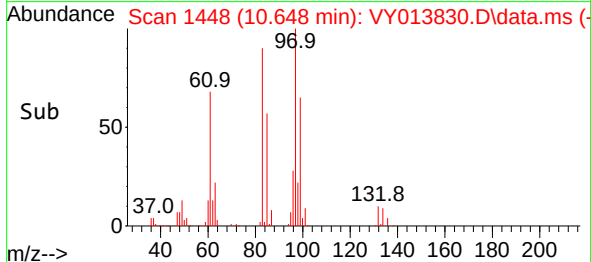
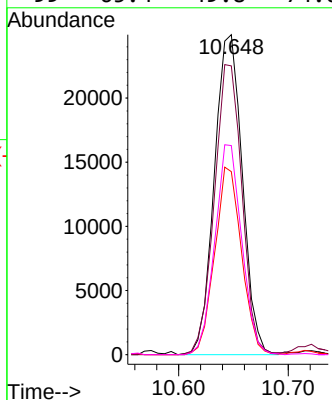
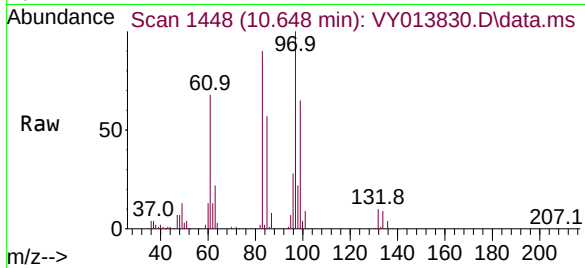




#55
1,1,2-Trichloroethane
Concen: 19.355 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

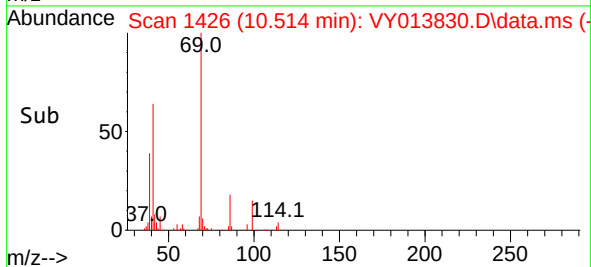
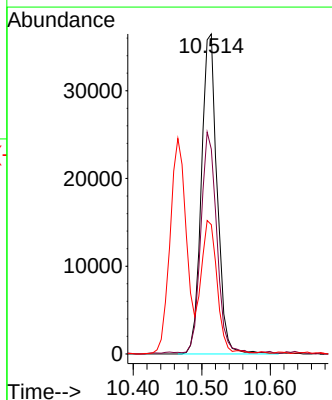
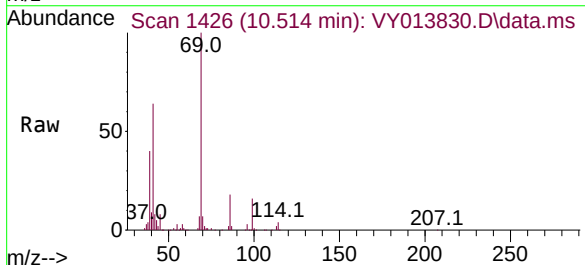
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

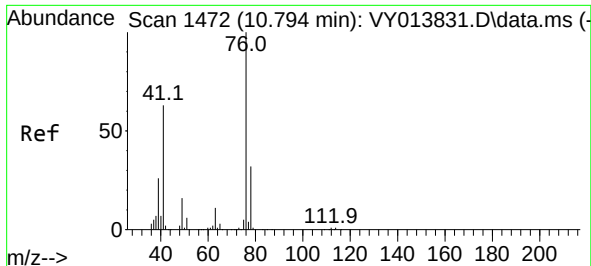
Tgt Ion:	97	Resp:	44296
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.9	107.9
85	57.2	47.6	71.4
99	65.4	49.8	74.6



#56
Ethyl methacrylate
Concen: 19.119 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:	69	Resp:	58411
Ion	Ratio	Lower	Upper
69	100		
41	69.2	57.8	86.6
39	41.4	33.9	50.9





#57

1,3-Dichloropropane

Concen: 19.402 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

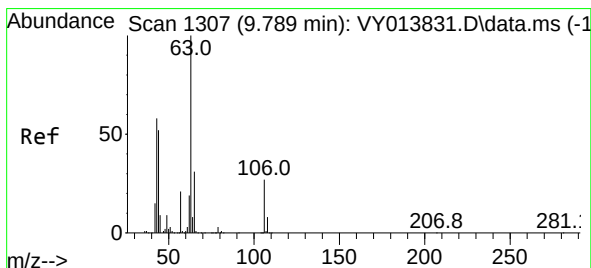
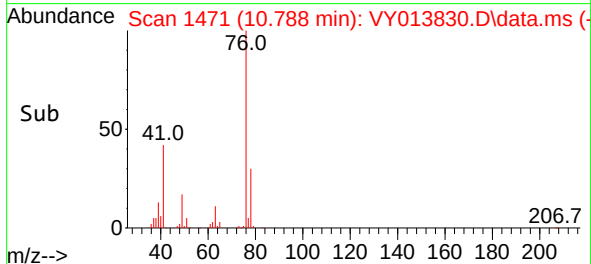
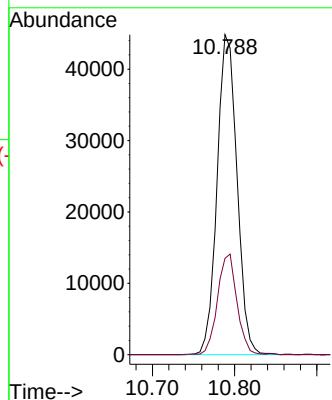
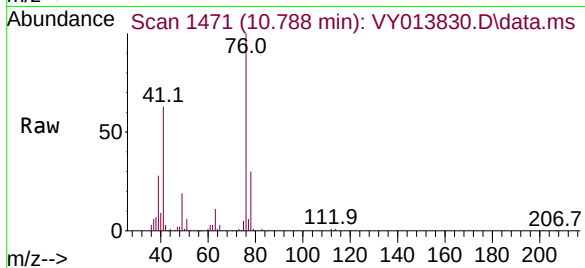
VSTDIC020

Tgt Ion: 76 Resp: 75623

Ion Ratio Lower Upper

76 100

78 30.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 112.371 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013830.D

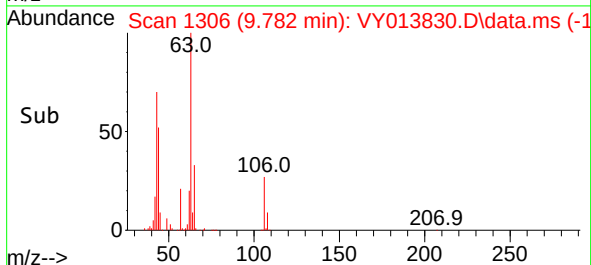
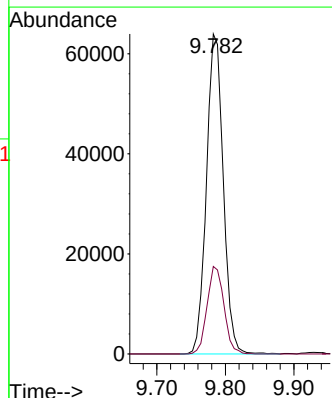
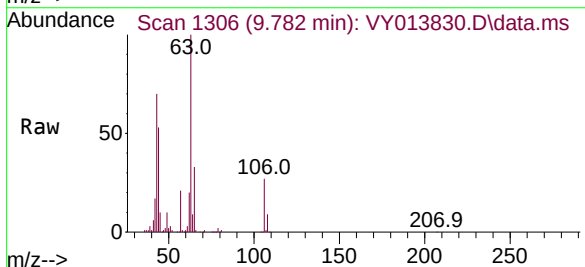
Acq: 23 May 2023 12:08

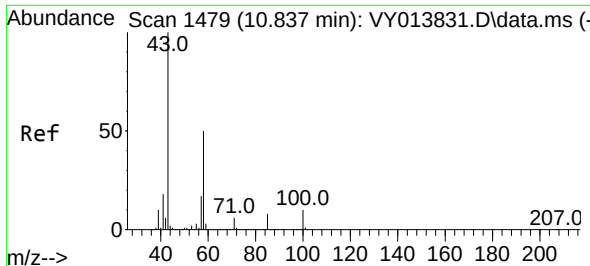
Tgt Ion: 63 Resp: 109540

Ion Ratio Lower Upper

63 100

106 27.3 21.3 31.9

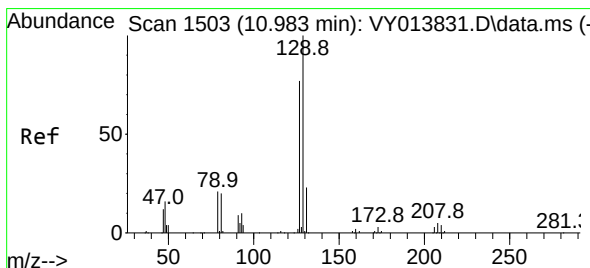
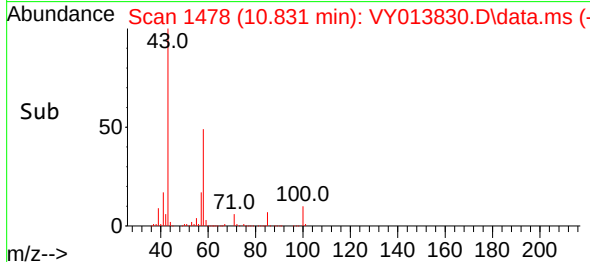
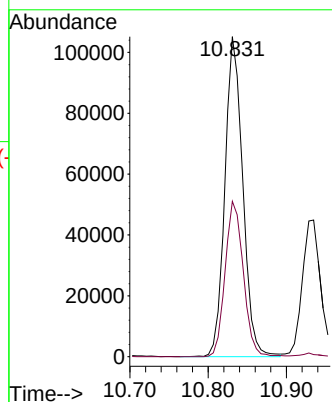
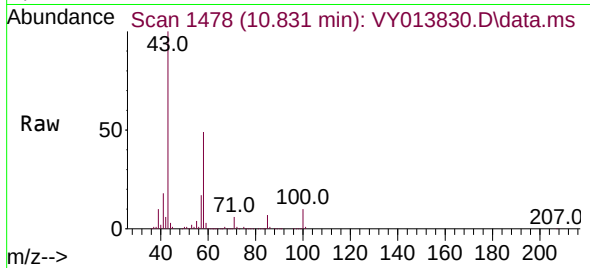




#59
2-Hexanone
Concen: 98.405 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

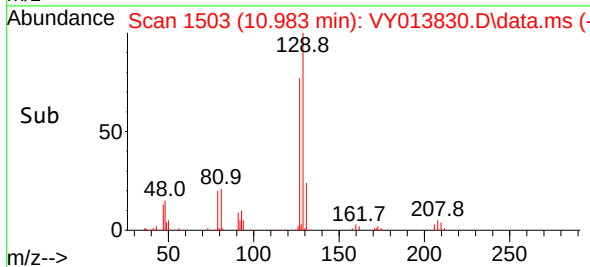
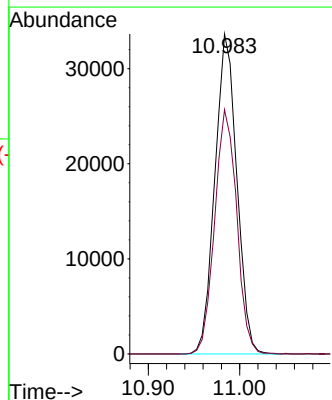
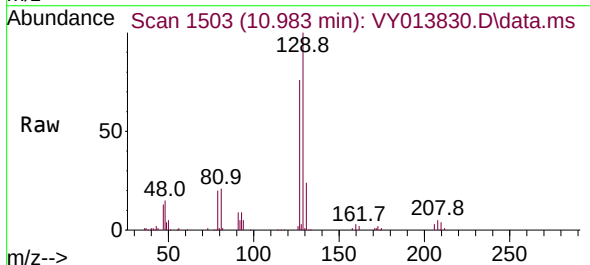
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

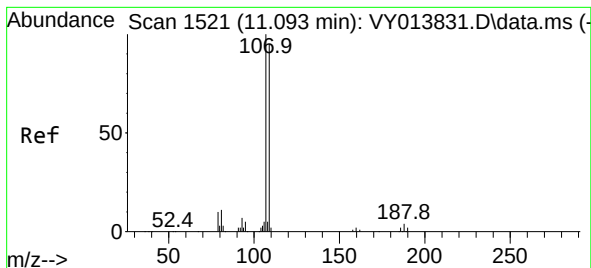
Tgt Ion: 43 Resp: 167393
Ion Ratio Lower Upper
43 100
58 49.3 24.8 74.3



#60
Dibromochloromethane
Concen: 19.393 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 129 Resp: 56143
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0

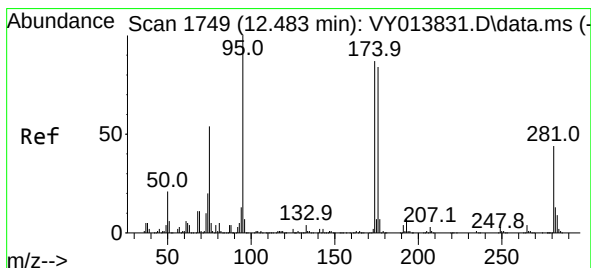
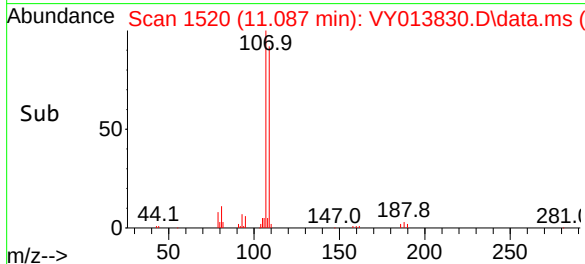
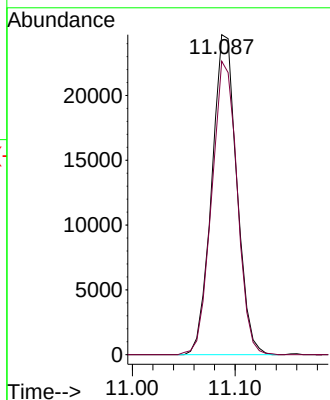
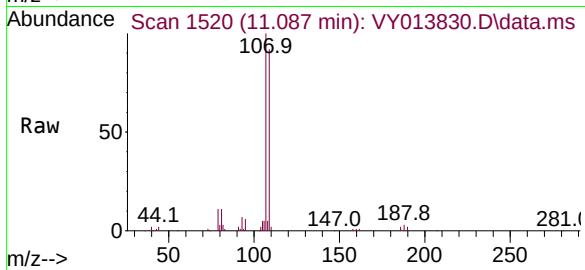




#61
1,2-Dibromoethane
Concen: 19.144 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

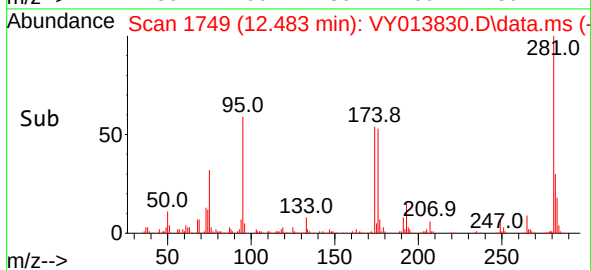
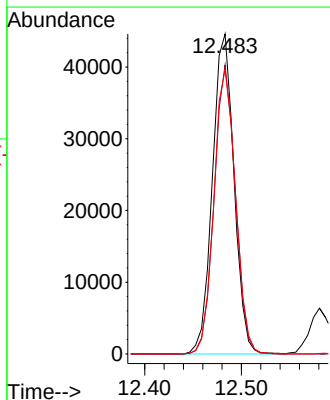
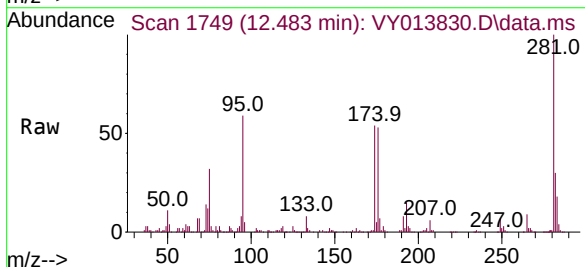
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

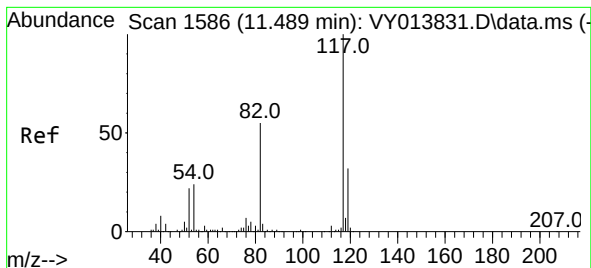
Tgt Ion:107 Resp: 41679
Ion Ratio Lower Upper
107 100
109 93.0 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 20.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 95 Resp: 69180
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.0
176 89.2 0.0 178.2

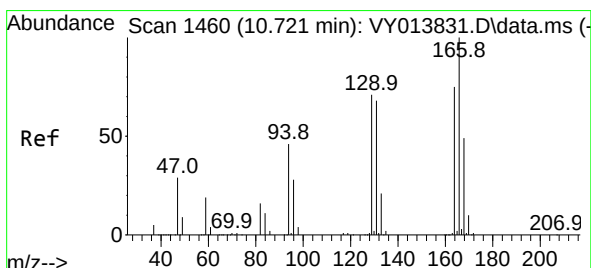
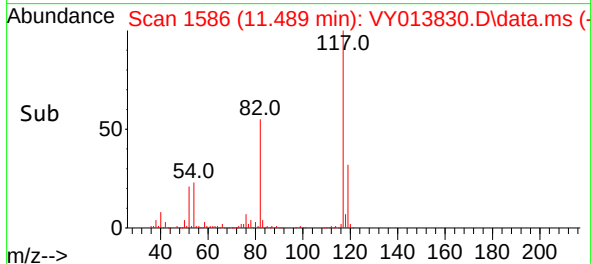
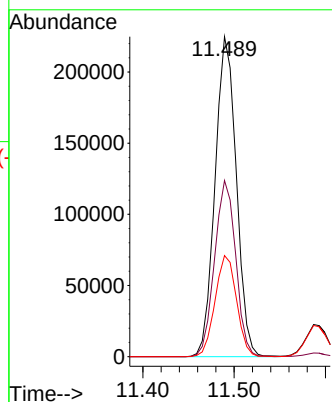
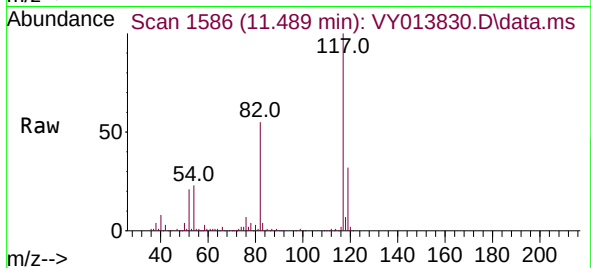




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

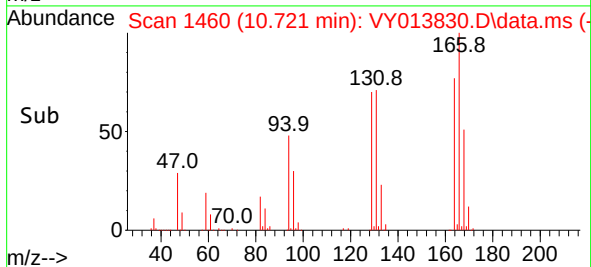
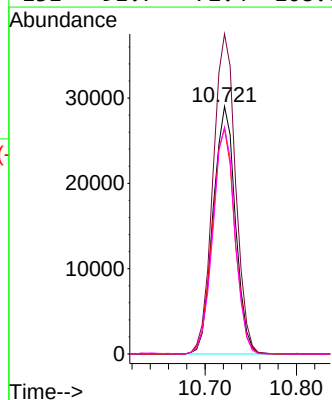
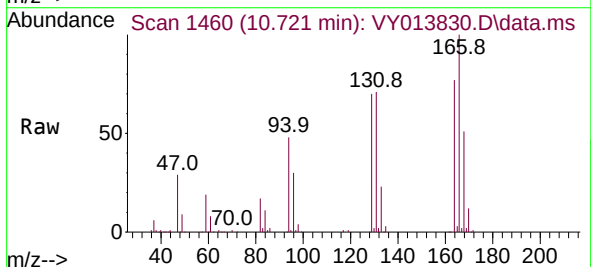
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

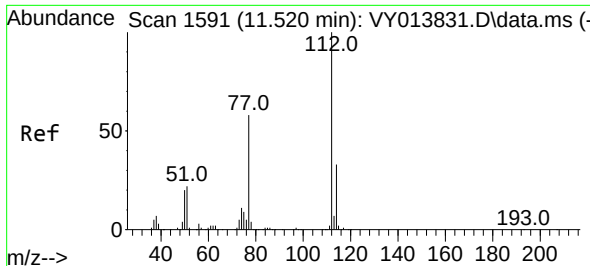
Tgt Ion:117 Resp: 363898
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.4
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 18.196 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:164 Resp: 48993
Ion Ratio Lower Upper
164 100
166 129.3 106.2 159.2
129 91.1 75.4 113.0
131 91.7 72.4 108.6

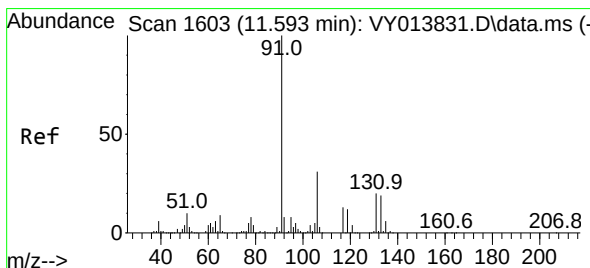
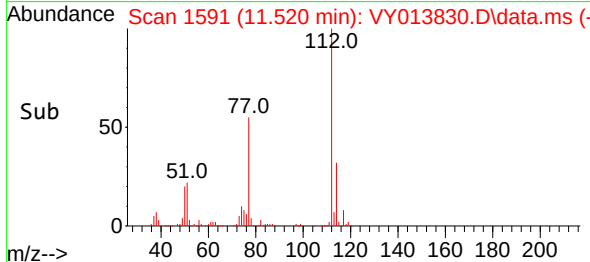
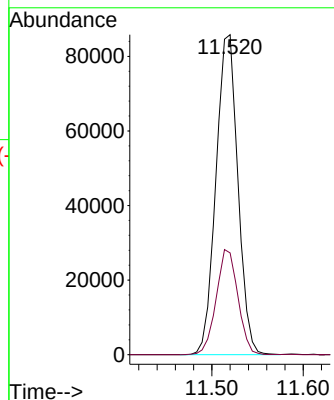
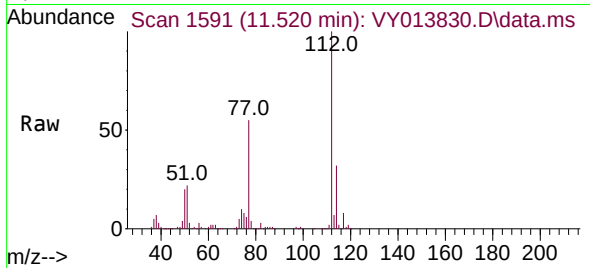




#65
Chlorobenzene
Concen: 18.772 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

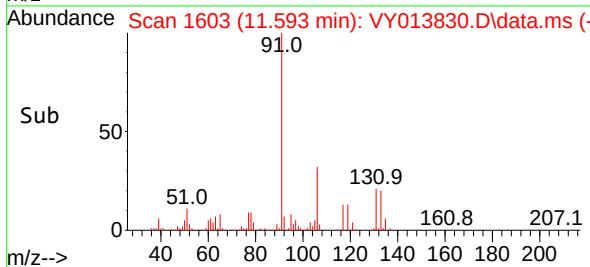
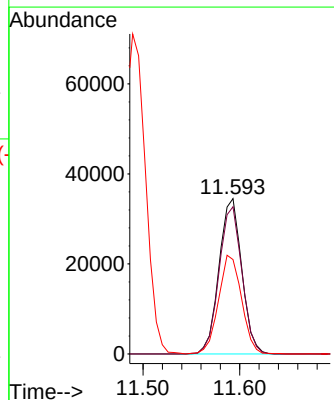
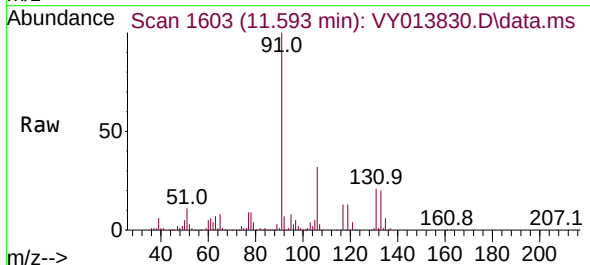
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

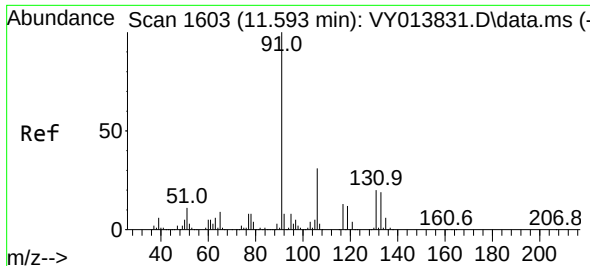
Tgt Ion:112 Resp: 143169
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.073 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:131 Resp: 56143
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.6 32.1 96.5





#67

Ethyl Benzene

Concen: 18.471 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

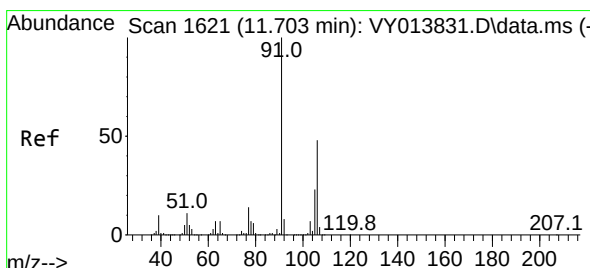
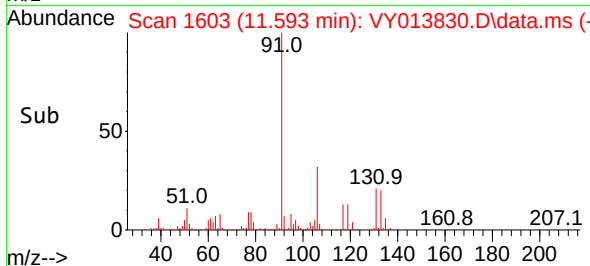
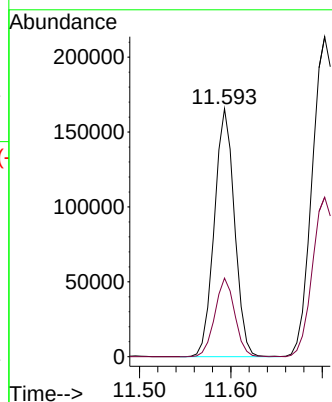
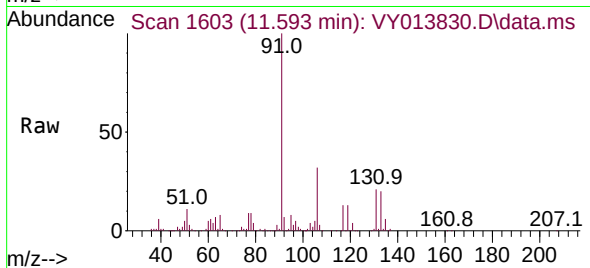
VSTDIC020

Tgt Ion: 91 Resp: 253511

Ion Ratio Lower Upper

91 100

106 31.7 24.7 37.1



#68

m/p-Xylenes

Concen: 37.765 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013830.D

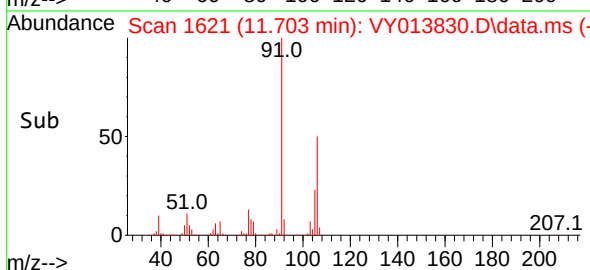
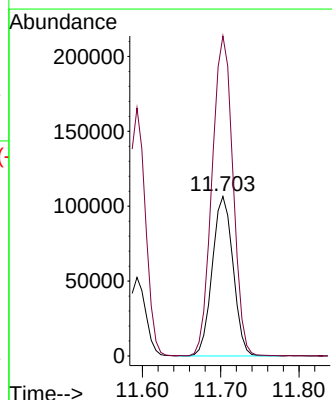
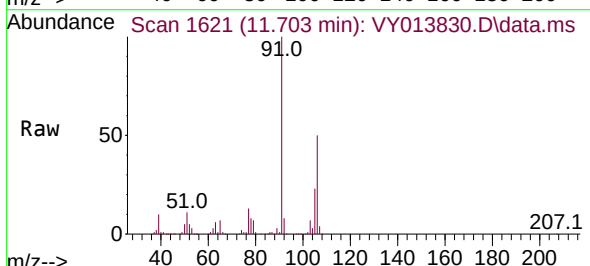
Acq: 23 May 2023 12:08

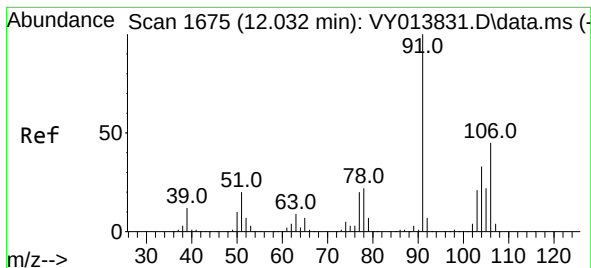
Tgt Ion: 106 Resp: 196154

Ion Ratio Lower Upper

106 100

91 202.5 164.9 247.3





#69

o-Xylene

Concen: 18.819 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

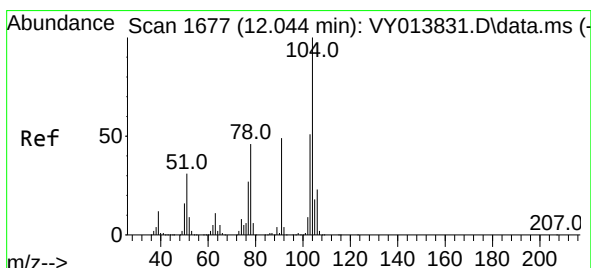
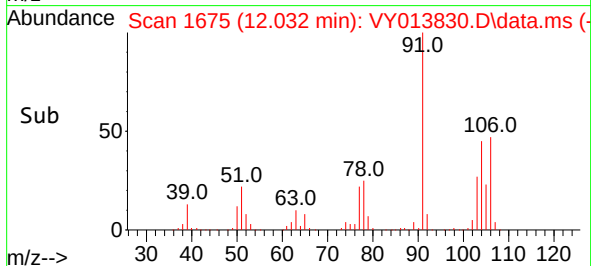
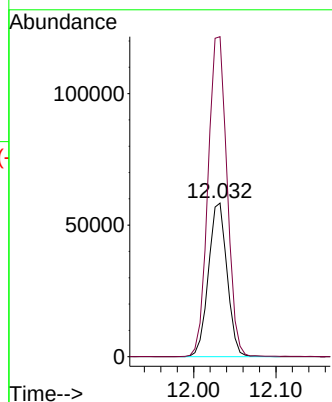
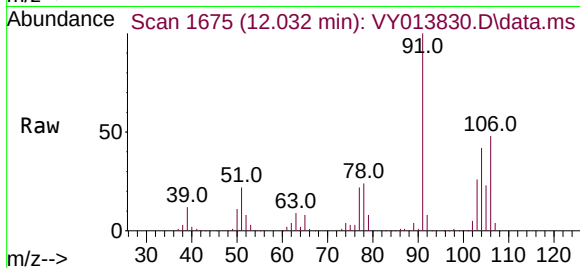
VSTDIC020

Tgt Ion:106 Resp: 92076

Ion Ratio Lower Upper

106 100

91 212.8 109.0 327.0



#70

Styrene

Concen: 19.165 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

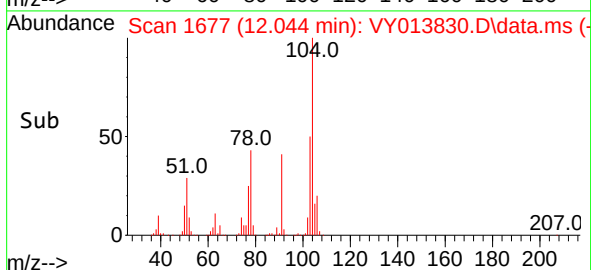
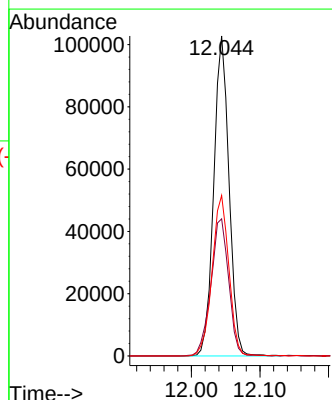
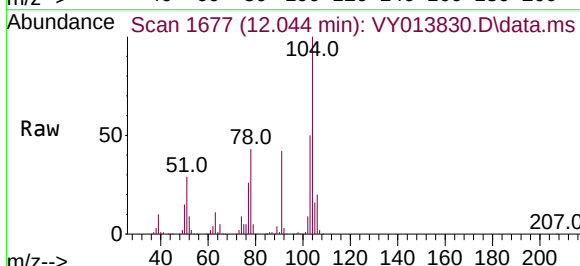
Tgt Ion:104 Resp: 158834

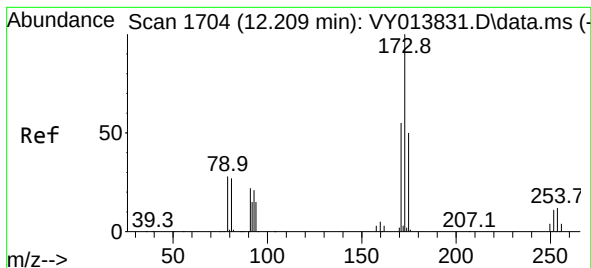
Ion Ratio Lower Upper

104 100

78 49.6 40.8 61.2

103 55.0 44.2 66.4





#71

Bromoform

Concen: 19.643 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

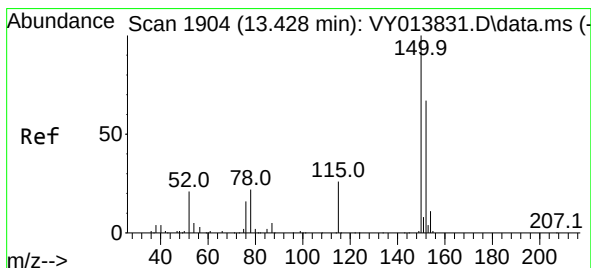
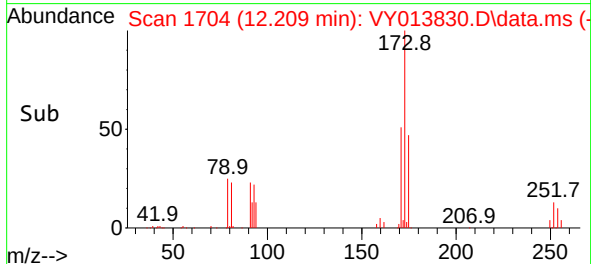
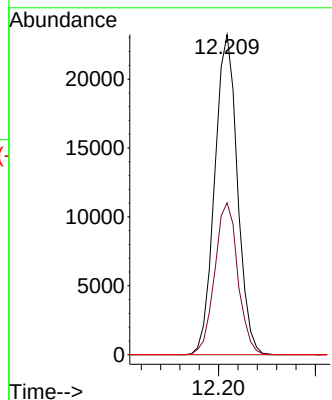
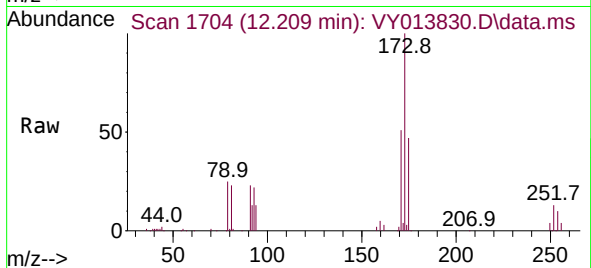
Tgt Ion:173 Resp: 37791

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

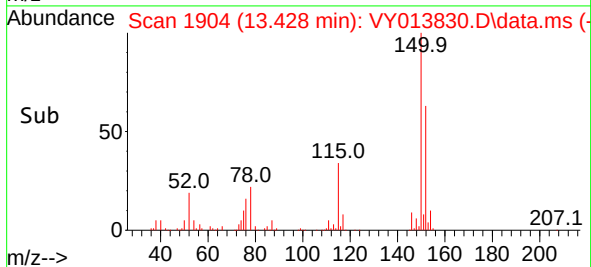
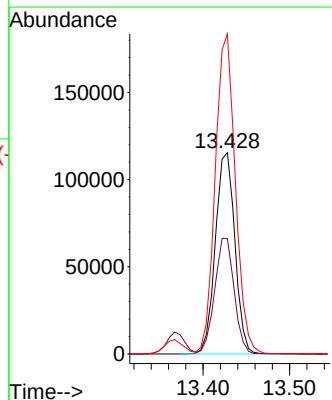
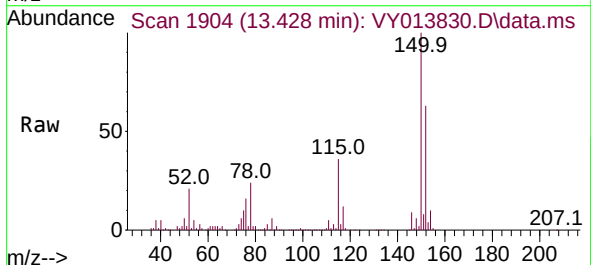
Tgt Ion:152 Resp: 180772

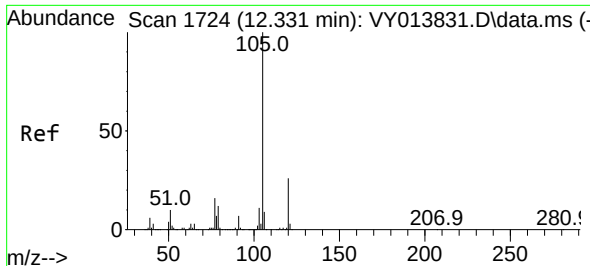
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 163.6 0.0 353.4

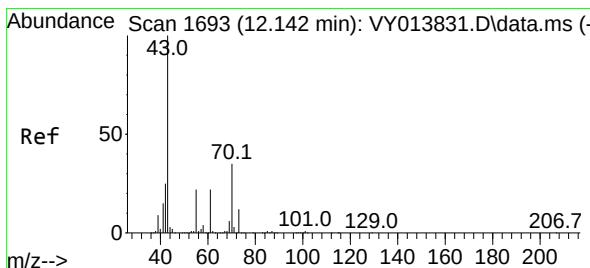
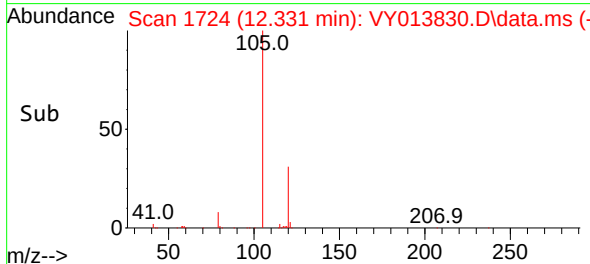
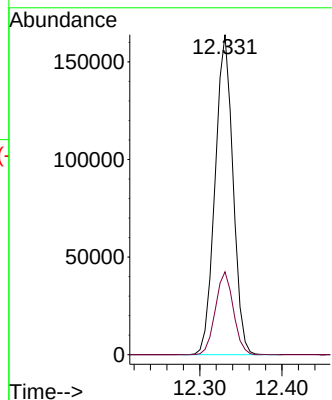
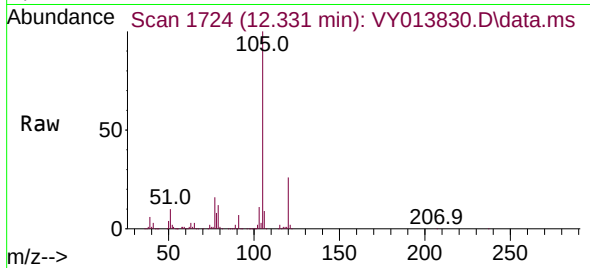




#73
Isopropylbenzene
Concen: 18.378 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

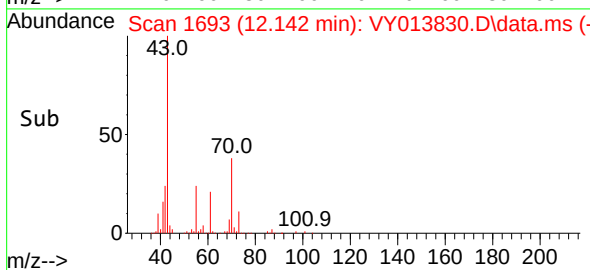
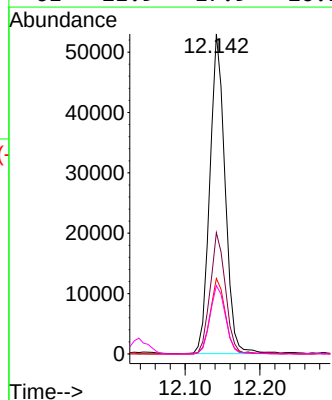
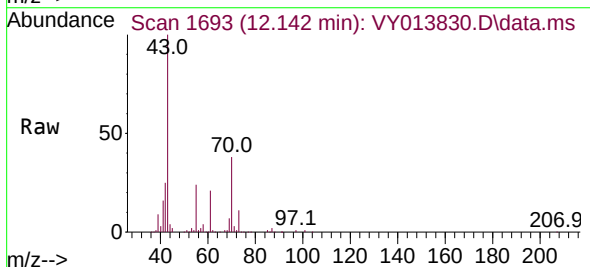
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

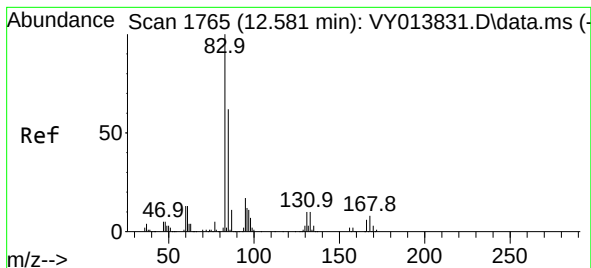
Tgt Ion:105 Resp: 247265
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



#74
N-ethyl acetate
Concen: 18.567 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 43 Resp: 75107
Ion Ratio Lower Upper
43 100
70 38.0 29.3 43.9
55 23.6 18.0 27.0
61 21.9 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.998 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

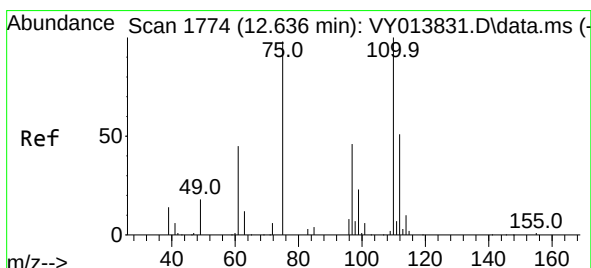
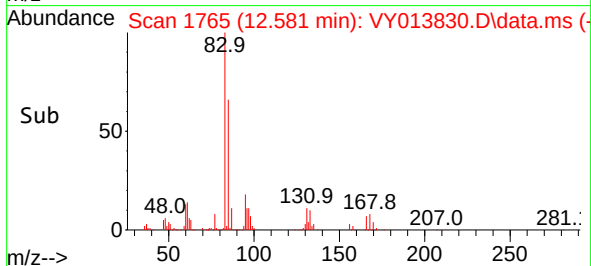
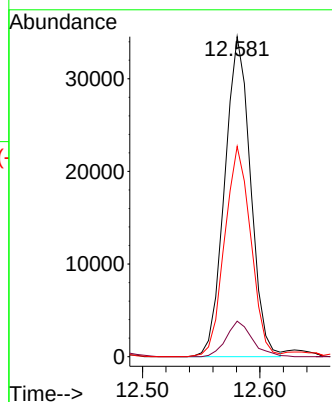
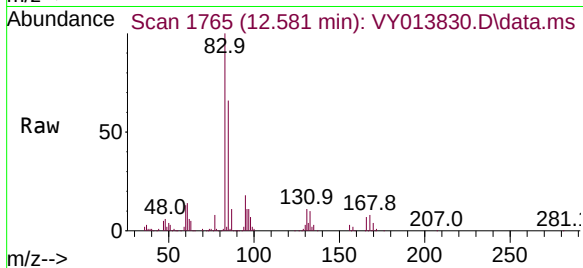
Tgt Ion: 83 Resp: 52915

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

85 66.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 32.765 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013830.D

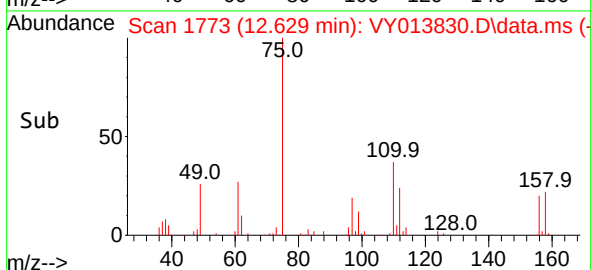
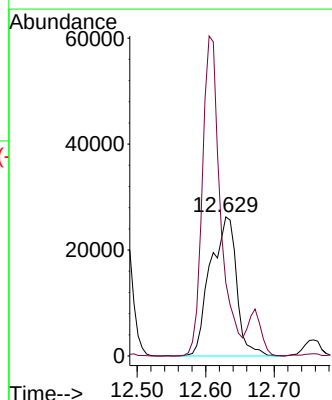
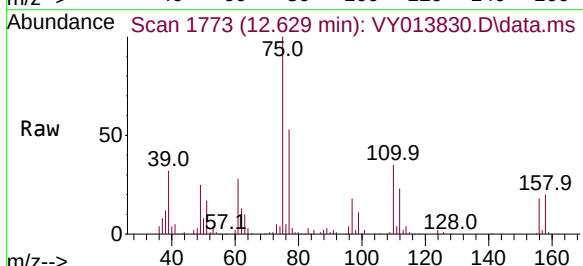
Acq: 23 May 2023 12:08

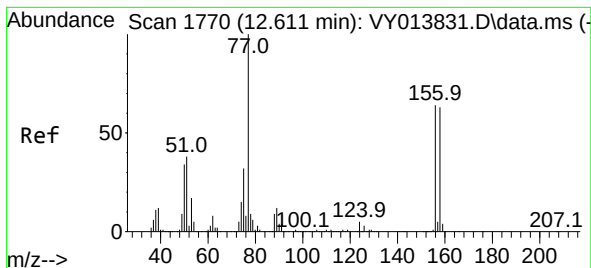
Tgt Ion: 75 Resp: 69840

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.547 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

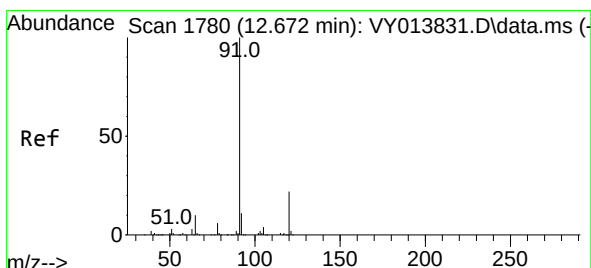
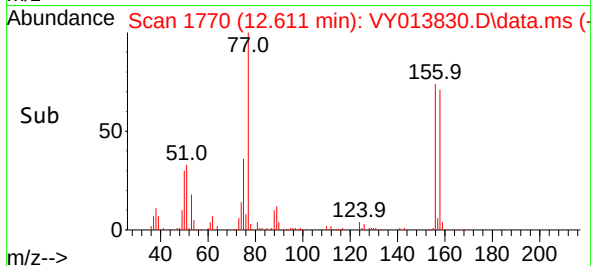
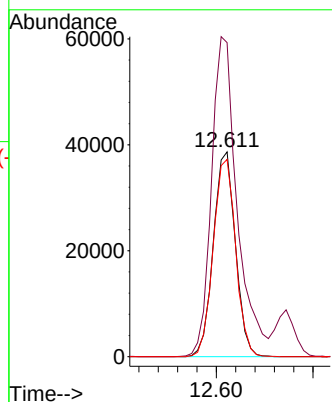
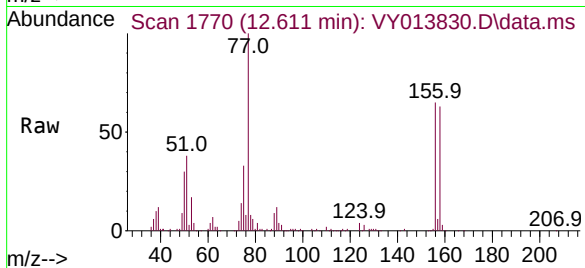
Tgt Ion:156 Resp: 61231

Ion Ratio Lower Upper

156 100

77 182.0 91.6 274.8

158 98.0 48.9 146.6



#78

n-propylbenzene

Concen: 18.211 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013830.D

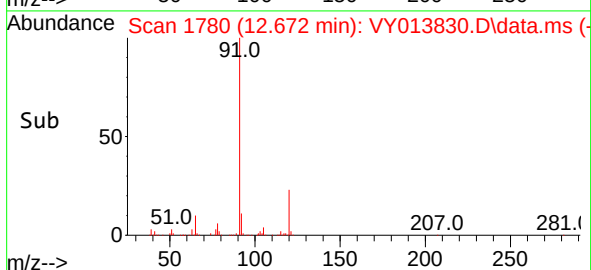
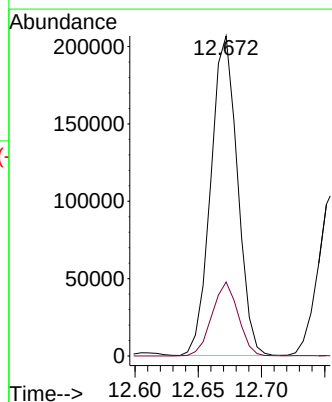
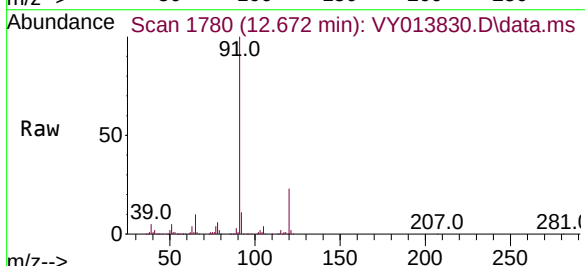
Acq: 23 May 2023 12:08

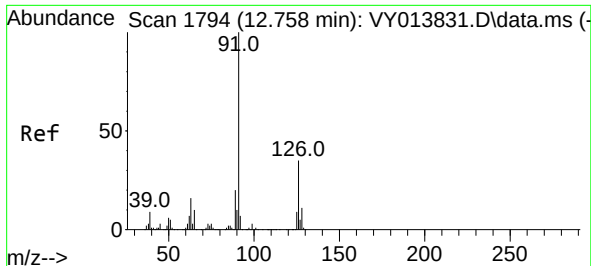
Tgt Ion: 91 Resp: 302705

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 18.339 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

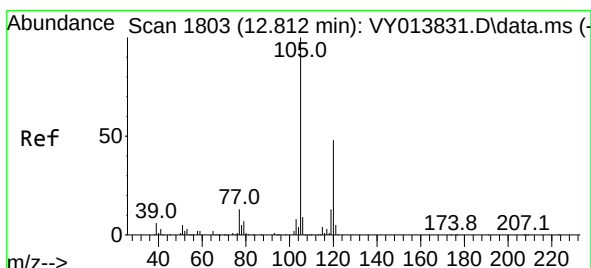
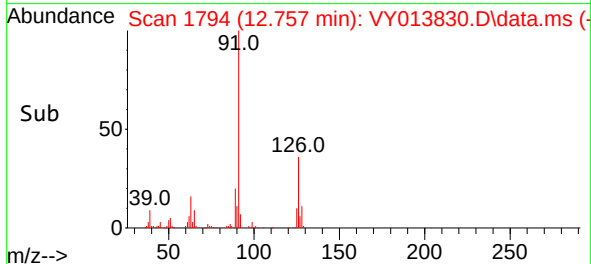
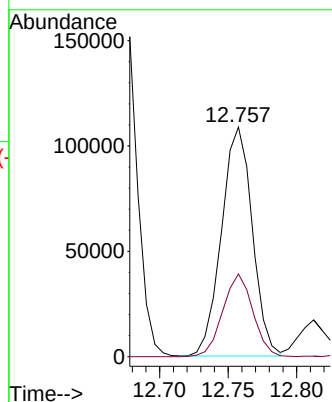
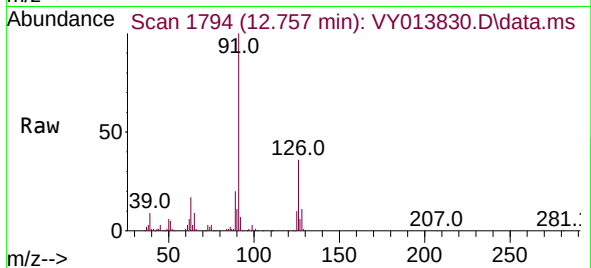
VSTDICC020

Tgt Ion: 91 Resp: 170270

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 18.554 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013830.D

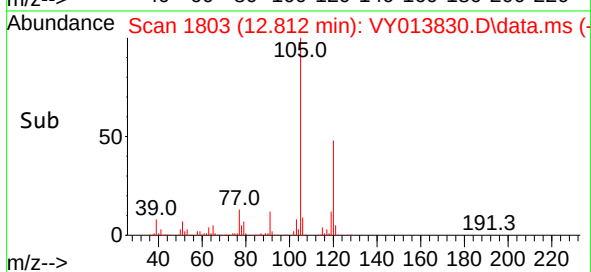
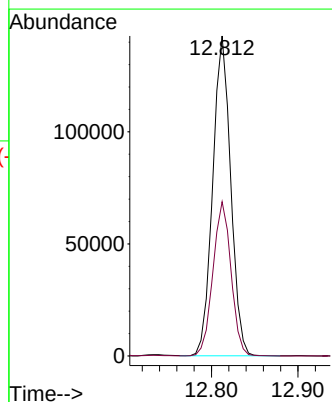
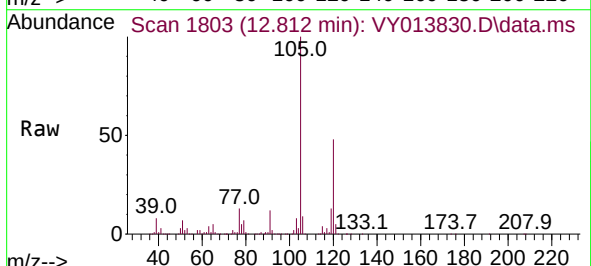
Acq: 23 May 2023 12:08

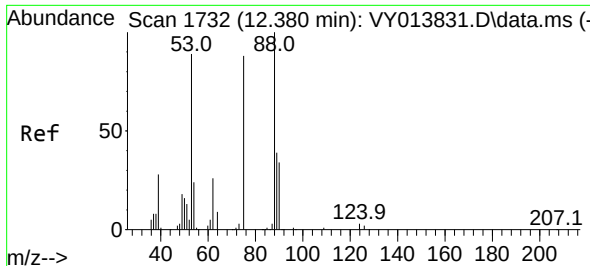
Tgt Ion:105 Resp: 206070

Ion Ratio Lower Upper

105 100

120 48.5 23.9 71.7

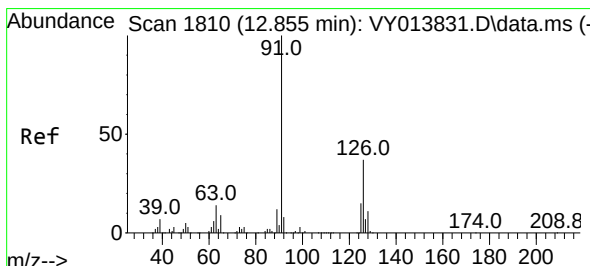
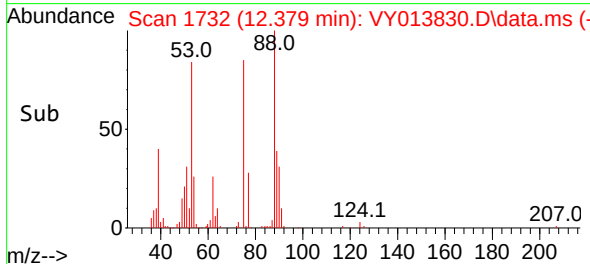
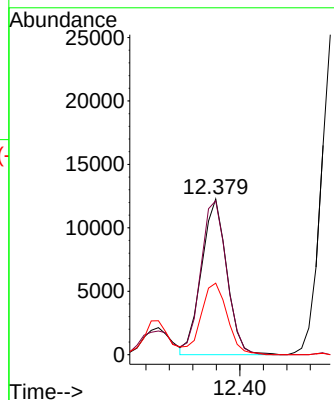
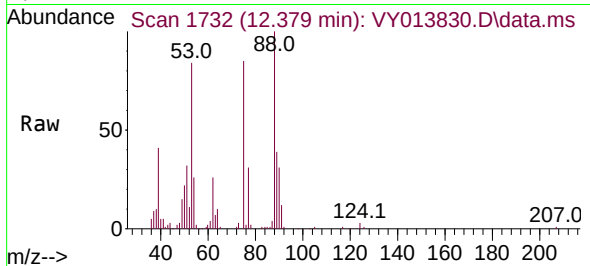




#81
trans-1,4-Dichloro-2-butene
Concen: 18.728 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

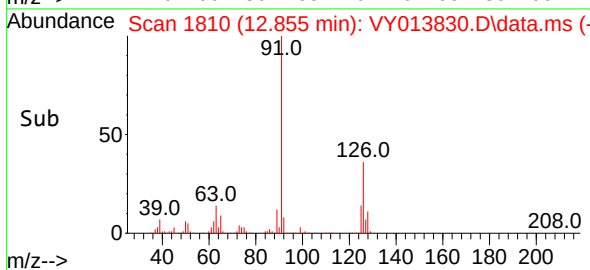
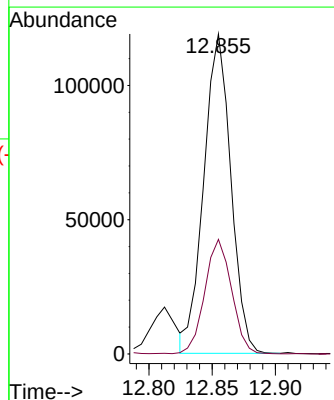
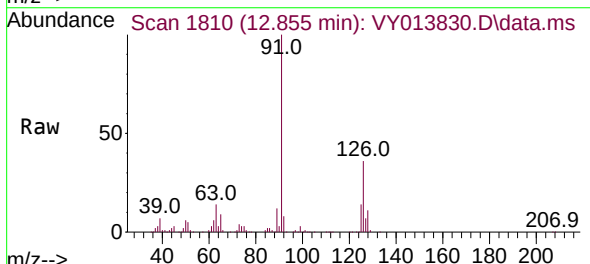
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

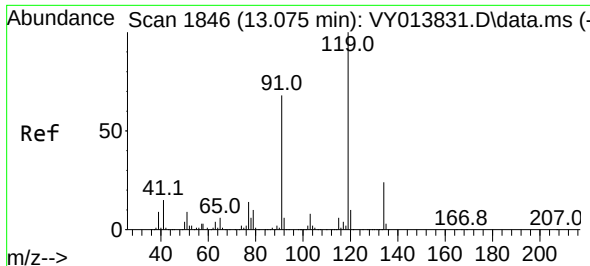
Tgt Ion: 75 Resp: 18390
Ion Ratio Lower Upper
75 100
53 101.2 79.7 119.5
89 47.6 36.4 54.6



#82
4-Chlorotoluene
Concen: 18.449 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 91 Resp: 177043
Ion Ratio Lower Upper
91 100
126 35.5 17.9 53.7

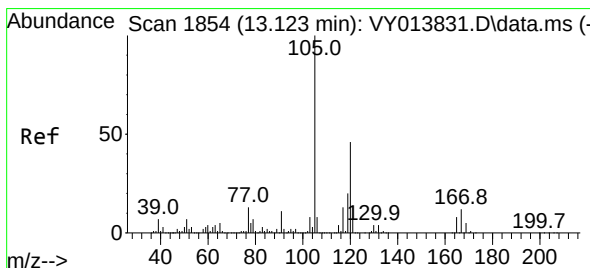
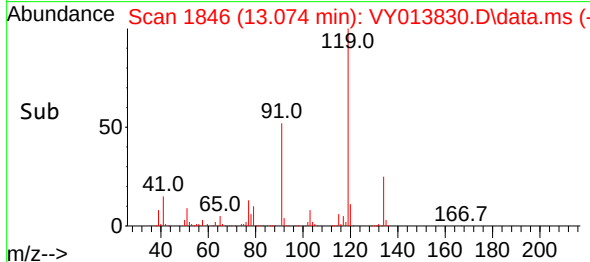
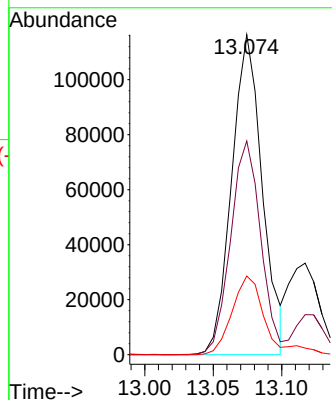
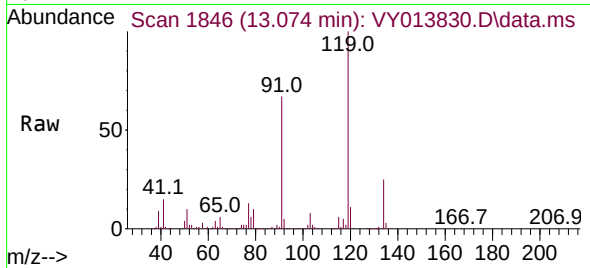




#83
tert-Butylbenzene
Concen: 18.702 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

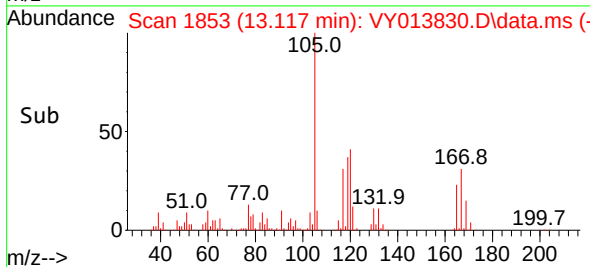
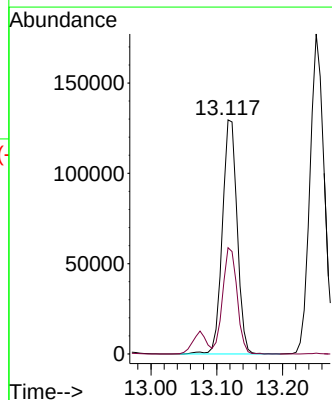
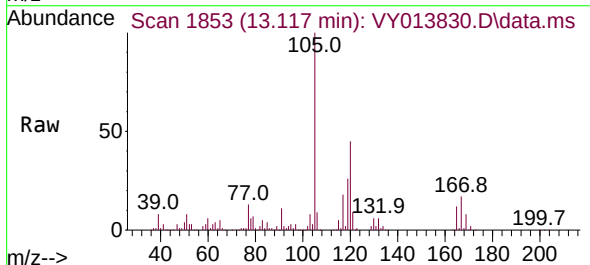
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

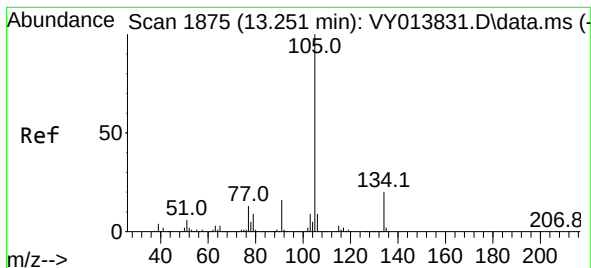
Tgt Ion:119 Resp: 180908
Ion Ratio Lower Upper
119 100
91 65.8 33.7 101.0
134 26.6 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 18.594 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:105 Resp: 202710
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.495 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

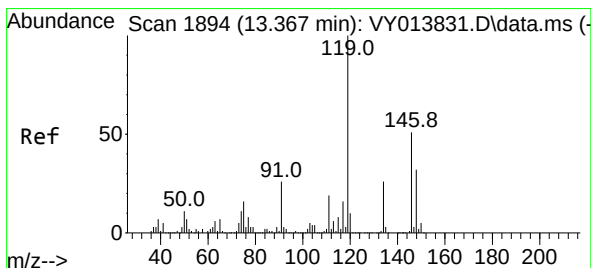
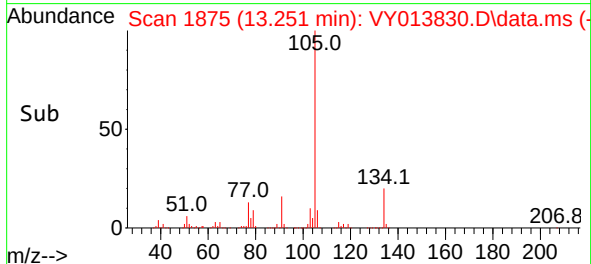
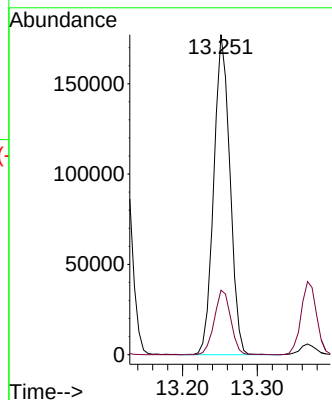
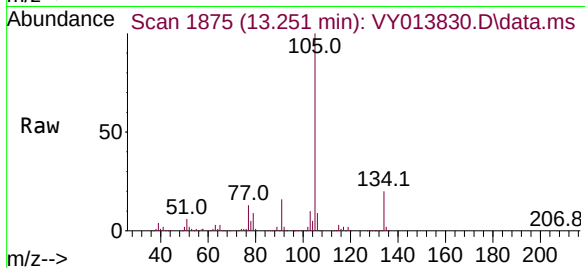
VSTDICC020

Tgt Ion:105 Resp: 265751

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.517 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

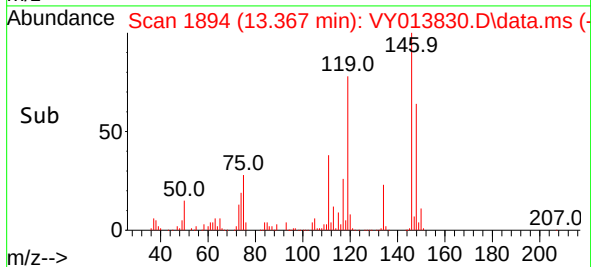
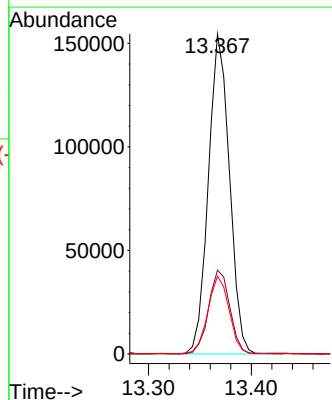
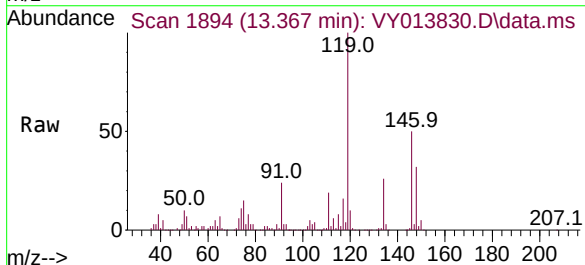
Tgt Ion:119 Resp: 219910

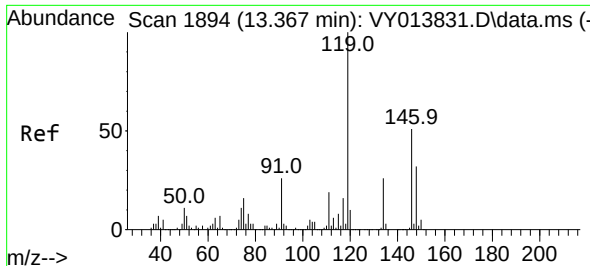
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 24.3 12.4 37.4

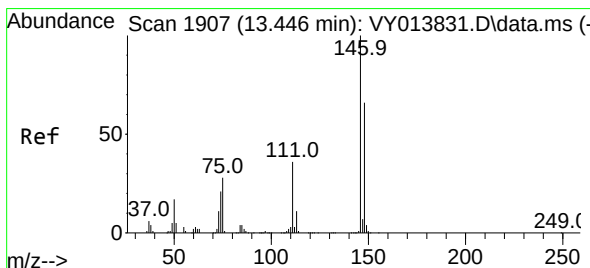
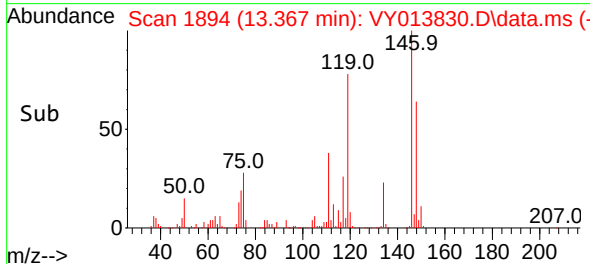
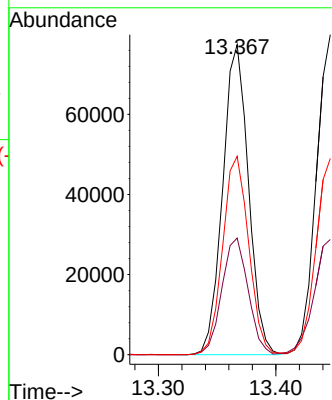
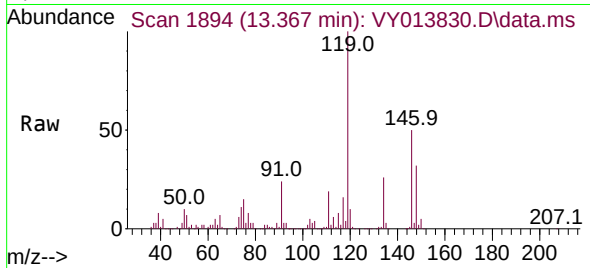




#87
1,3-Dichlorobenzene
Concen: 18.506 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

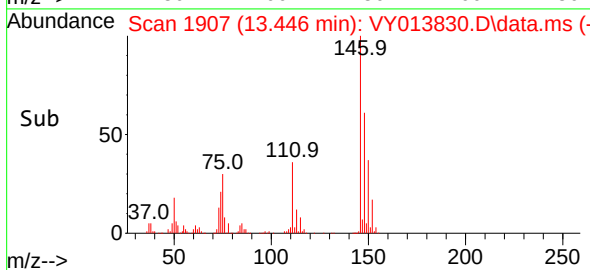
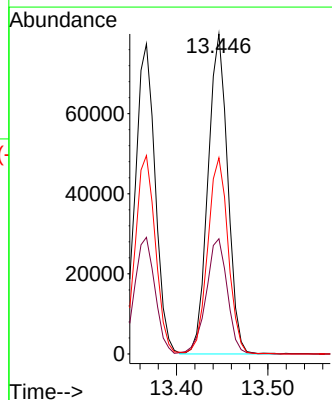
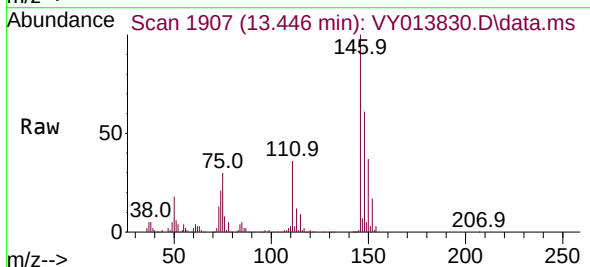
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

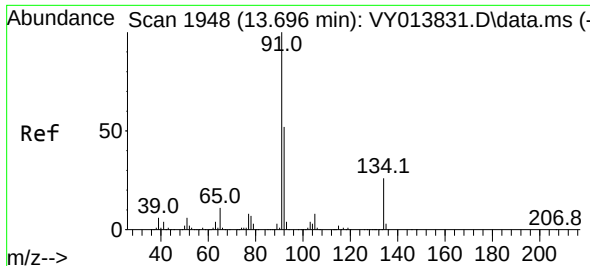
Tgt Ion:146 Resp: 117998
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.5
148 64.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 18.814 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:146 Resp: 119432
Ion Ratio Lower Upper
146 100
111 38.7 18.6 55.8
148 63.2 32.4 97.2

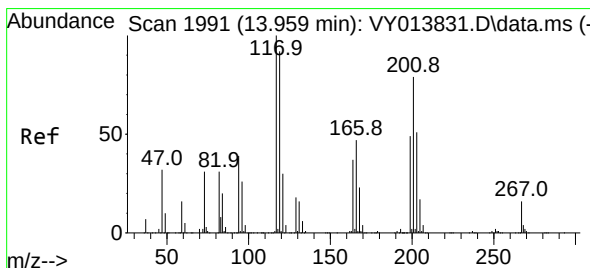
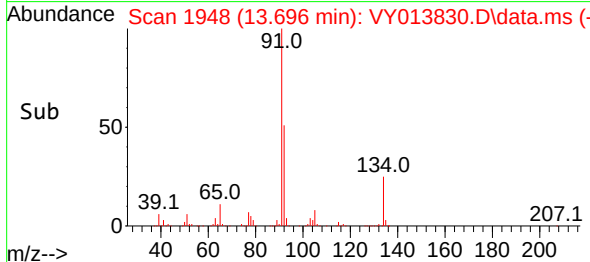
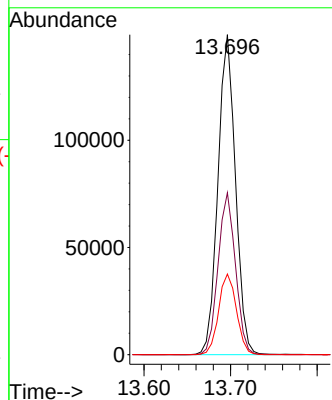
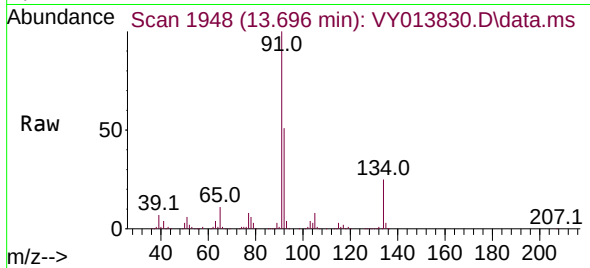




#89
n-Butylbenzene
Concen: 18.425 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

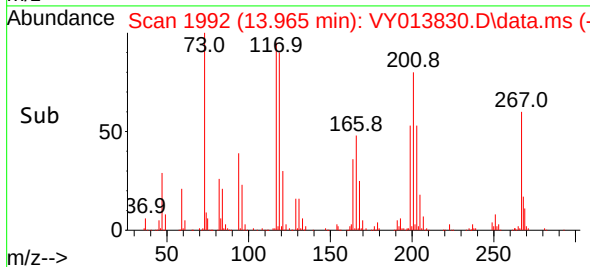
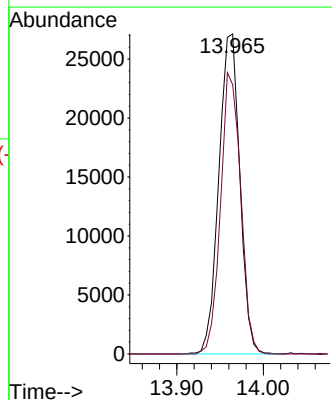
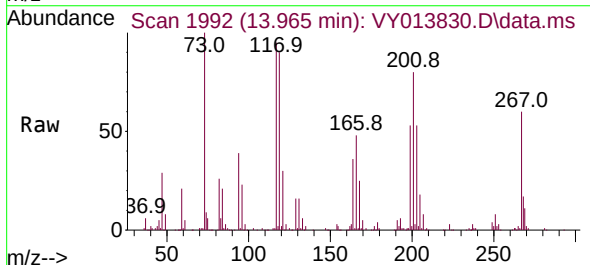
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

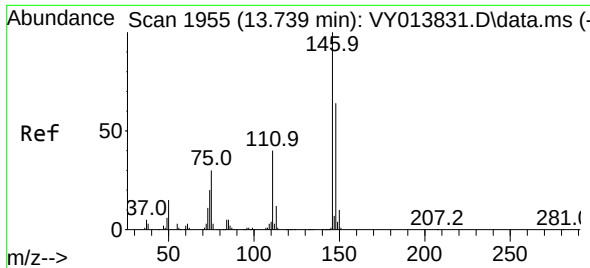
Tgt Ion: 91 Resp: 209839
Ion Ratio Lower Upper
91 100
92 50.3 25.6 76.6
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 18.729 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion: 117 Resp: 45668
Ion Ratio Lower Upper
117 100
201 84.4 42.3 126.8

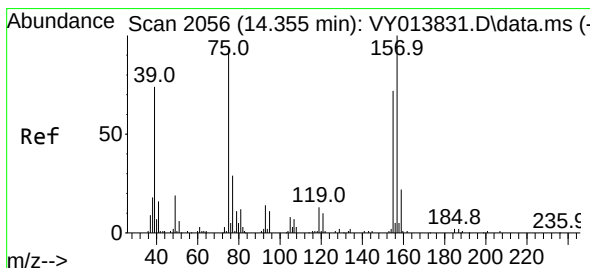
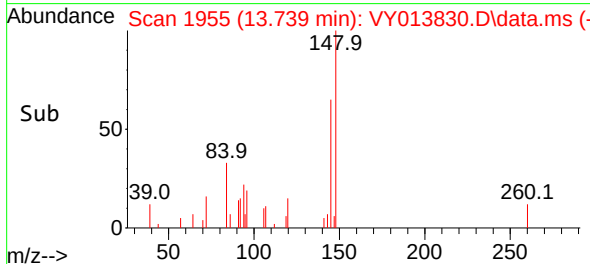
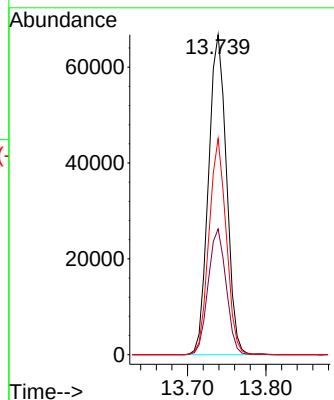
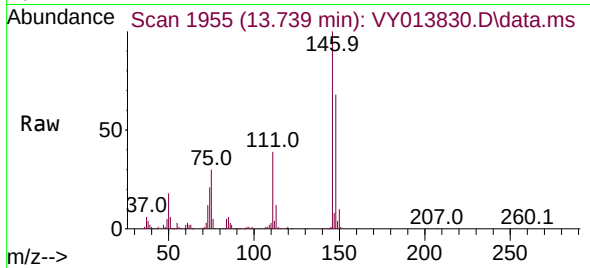




#91
 1,2-Dichlorobenzene
 Concen: 18.788 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013830.D
 Acq: 23 May 2023 12:08

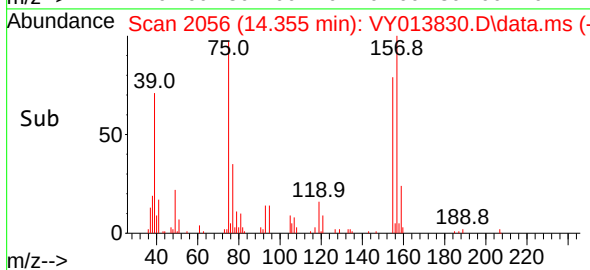
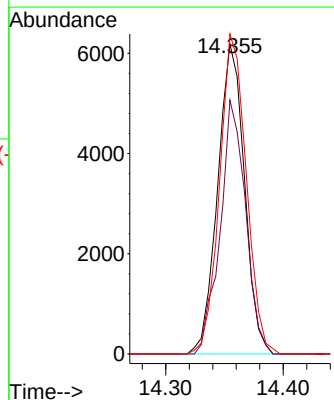
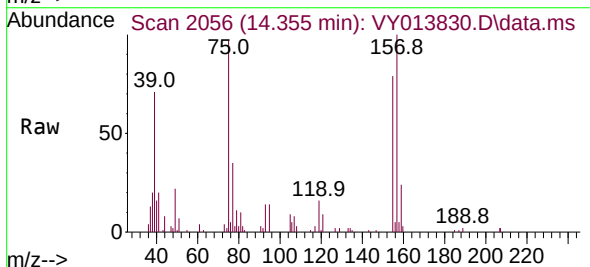
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

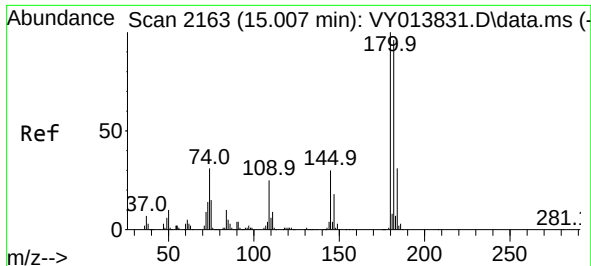
Tgt Ion:146 Resp: 106468
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 64.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.040 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013830.D
 Acq: 23 May 2023 12:08

Tgt Ion: 75 Resp: 9779
 Ion Ratio Lower Upper
 75 100
 155 77.8 39.9 119.6
 157 103.1 54.6 163.8

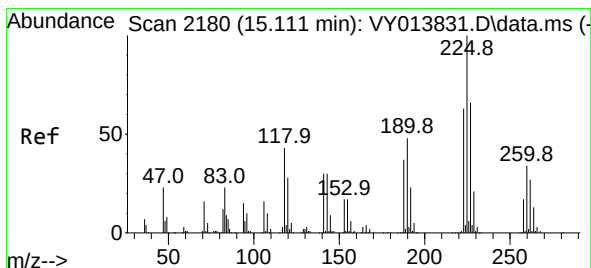
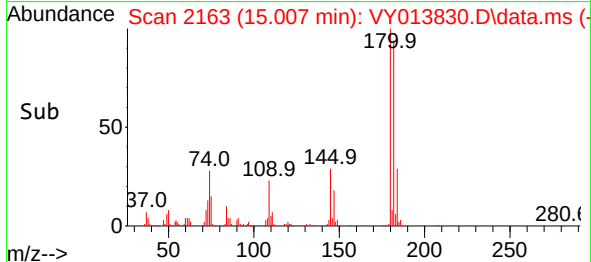
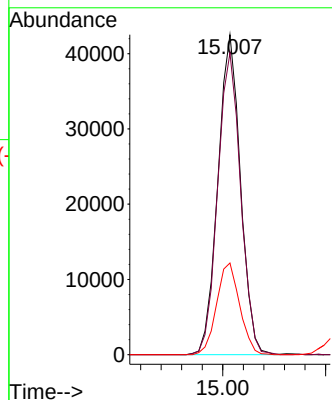
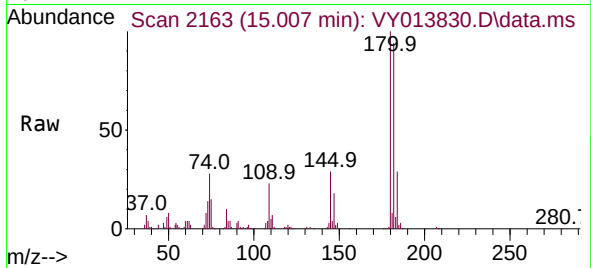




#93
1,2,4-Trichlorobenzene
Concen: 18.417 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

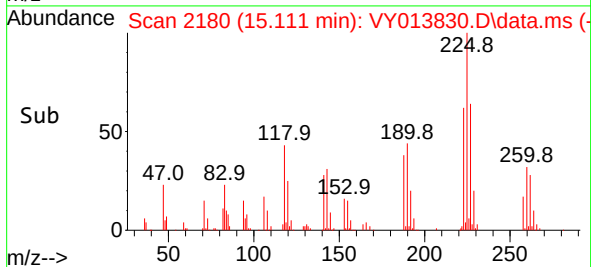
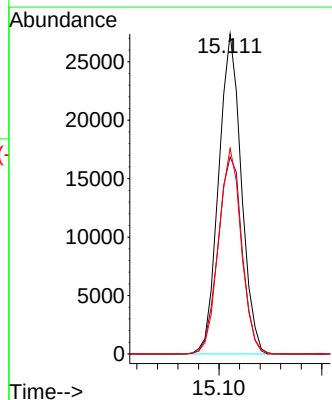
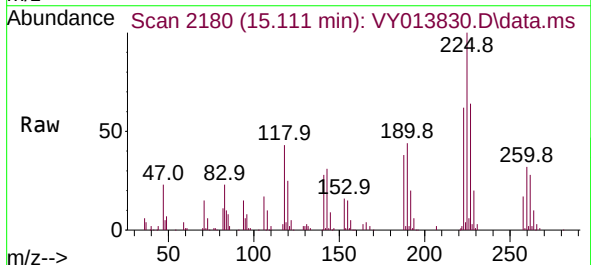
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

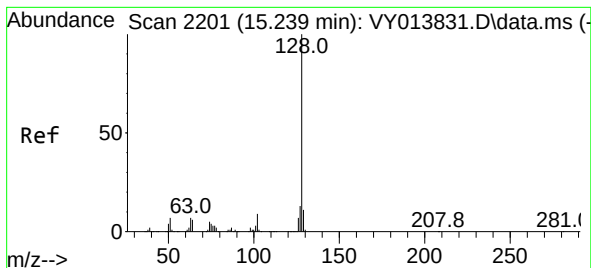
Tgt Ion:180 Resp: 64699
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 29.3 14.8 44.4



#94
Hexachlorobutadiene
Concen: 18.922 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013830.D
Acq: 23 May 2023 12:08

Tgt Ion:225 Resp: 41913
Ion Ratio Lower Upper
225 100
223 65.0 31.3 93.9
227 64.3 32.9 98.6





#95

Naphthalene

Concen: 18.697 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

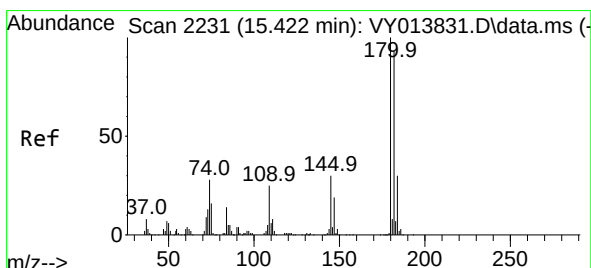
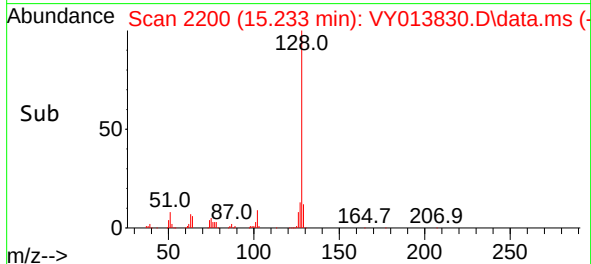
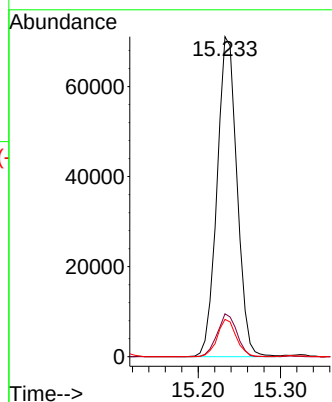
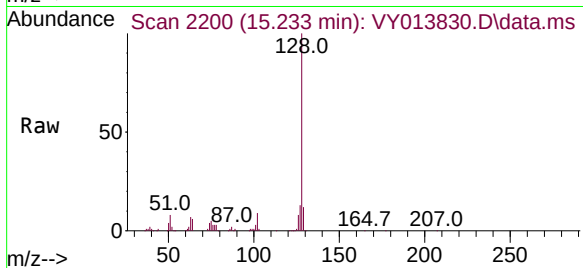
Tgt Ion:128 Resp: 120079

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 18.363 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013830.D

Acq: 23 May 2023 12:08

Tgt Ion:180 Resp: 57369

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 31.4 15.5 46.5

