

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014091.D
 Acq On : 09 Jun 2023 11:52
 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: Jun 09 17:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 17:38:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	208542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61447	21.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.320%#
35) Dibromofluoromethane	7.716	113	48310	20.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.800%#
50) Toluene-d8	10.179	98	183657	21.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.520%#
62) 4-Bromofluorobenzene	12.477	95	61639	20.083	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35052	15.082	ug/l	97
3) Chloromethane	2.113	50	40474	13.734	ug/l	98
4) Vinyl Chloride	2.253	62	43232	15.089	ug/l	90
5) Bromomethane	2.650	94	37905	16.034	ug/l	97
6) Chloroethane	2.790	64	31869	16.369	ug/l	96
7) Trichlorofluoromethane	3.125	101	78164	16.793	ug/l	100
8) Diethyl Ether	3.527	74	27237	17.524	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	42365	18.034	ug/l	99
10) Methyl Iodide	4.094	142	44230	14.259	ug/l	96
11) Tert butyl alcohol	4.930	59	59701	180.161	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	38882	16.330	ug/l	94
13) Acrolein	3.729	56	23007	160.893	ug/l	96
14) Allyl chloride	4.472	41	69990	16.216	ug/l	98
15) Acrylonitrile	5.161	53	78881	98.394	ug/l	98
16) Acetone	3.954	43	85067	97.181	ug/l	94
17) Carbon Disulfide	4.198	76	89209	11.562	ug/l	98
18) Methyl Acetate	4.478	43	60581	17.830	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	131463	18.720	ug/l	97
20) Methylene Chloride	4.716	84	59553	19.094	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	41999	15.814	ug/l	97
22) Diisopropyl ether	6.118	45	154614	18.710	ug/l	99
23) Vinyl Acetate	6.057	43	448522	91.989	ug/l	100
24) 1,1-Dichloroethane	6.015	63	85821	18.012	ug/l	98
25) 2-Butanone	6.990	43	108665	100.847	ug/l	96
26) 2,2-Dichloropropane	6.978	77	83814	18.729	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	52434	17.649	ug/l	99
28) Bromochloromethane	7.332	49	40680	20.995	ug/l	95
29) Tetrahydrofuran	7.344	42	65906	96.457	ug/l	98
30) Chloroform	7.502	83	95125	18.819	ug/l	93
31) Cyclohexane	7.783	56	59727	15.353	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	82179	18.026	ug/l	97
36) 1,1-Dichloropropene	7.917	75	59860	16.614	ug/l	98
37) Ethyl Acetate	7.076	43	49395	19.870	ug/l	99
38) Carbon Tetrachloride	7.899	117	75335	18.119	ug/l	100
39) Methylcyclohexane	9.185	83	60443	15.120	ug/l	95
40) Benzene	8.155	78	187944	17.543	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	66140	50.825	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	70838	18.698	ug/l	99
43) Isopropyl Acetate	8.270	43	84146	19.313	ug/l	99
44) Trichloroethene	8.935	130	49923	17.441	ug/l	97
45) 1,2-Dichloropropane	9.215	63	50071	18.400	ug/l	96
46) Dibromomethane	9.301	93	31283	18.676	ug/l	97
47) Bromodichloromethane	9.496	83	74735	19.055	ug/l	100
48) Methyl methacrylate	9.289	41	38114	18.755	ug/l	98
49) 1,4-Dioxane	9.319	88	8603	391.396	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	239441	101.152	ug/l	99
52) Toluene	10.240	92	119381	17.975	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	75954	18.396	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	82917	18.406	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	44002	19.805	ug/l	94
56) Ethyl methacrylate	10.508	69	57194	18.663	ug/l	99
57) 1,3-Dichloropropane	10.788	76	71028	18.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	83499	82.615	ug/l	97
59) 2-Hexanone	10.831	43	174530	102.083	ug/l	98
60) Dibromochloromethane	10.983	129	54291	19.092	ug/l	99
61) 1,2-Dibromoethane	11.087	107	40292	18.375	ug/l	98
64) Tetrachloroethene	10.715	164	46177	17.845	ug/l	97
65) Chlorobenzene	11.514	112	132284	18.134	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	54302	18.926	ug/l	99
67) Ethyl Benzene	11.587	91	228030	17.859	ug/l	99
68) m/p-Xylenes	11.703	106	177957	36.234	ug/l	98
69) o-Xylene	12.026	106	86885	18.711	ug/l	96
70) Styrene	12.044	104	148114	18.689	ug/l	99
71) Bromoform	12.203	173	38748	19.719	ug/l #	99
73) Isopropylbenzene	12.325	105	226866	18.965	ug/l	99
74) N-amyl acetate	12.142	43	73160	19.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	54829	20.512	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	73800	36.943	ug/l #	100
77) Bromobenzene	12.605	156	59980	19.077	ug/l	97
78) n-propylbenzene	12.672	91	275622	18.864	ug/l	99
79) 2-Chlorotoluene	12.751	91	160902	19.139	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	192301	18.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19140	20.110	ug/l	97
82) 4-Chlorotoluene	12.849	91	168674	18.933	ug/l	100
83) tert-Butylbenzene	13.075	119	166611	19.141	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	193238	19.059	ug/l	100
85) sec-Butylbenzene	13.251	105	241070	19.050	ug/l	99
86) p-Isopropyltoluene	13.367	119	201268	18.583	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	115895	19.306	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	113070	18.695	ug/l	97
89) n-Butylbenzene	13.696	91	188059	18.721	ug/l	98
90) Hexachloroethane	13.958	117	41251	19.114	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	104129	19.313	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9667	18.991	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	62057	18.169	ug/l	98
94) Hexachlorobutadiene	15.111	225	36908	18.718	ug/l	99
95) Naphthalene	15.233	128	122306	17.642	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55950	18.129	ug/l	99

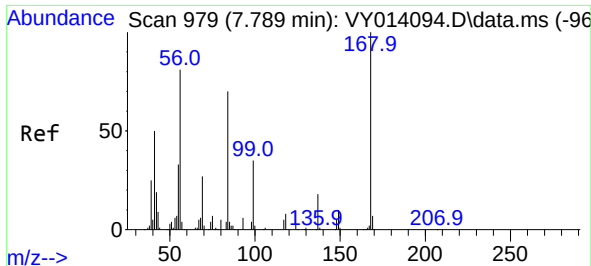
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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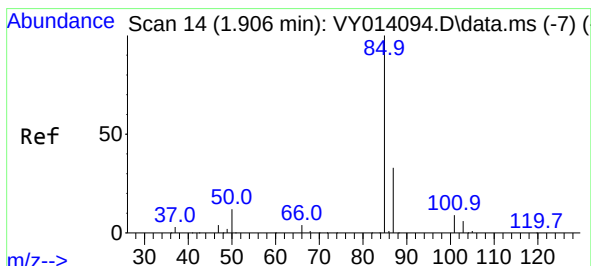
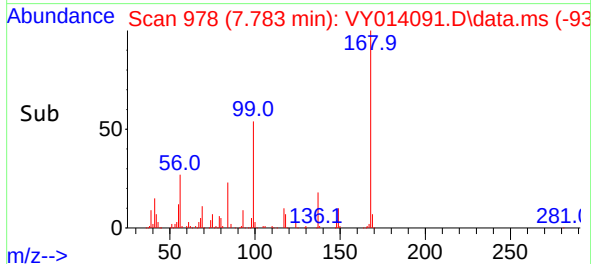
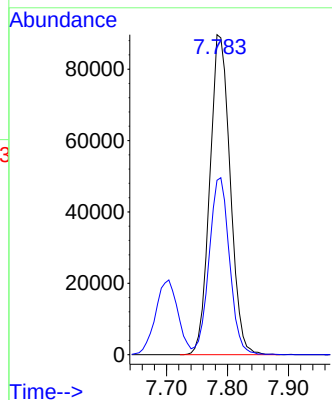
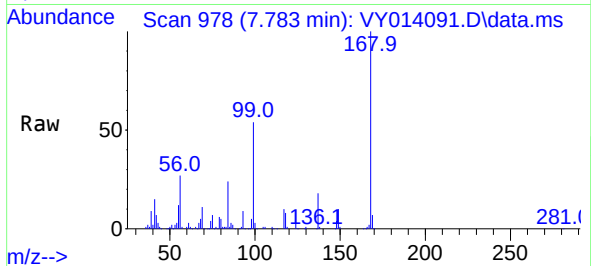
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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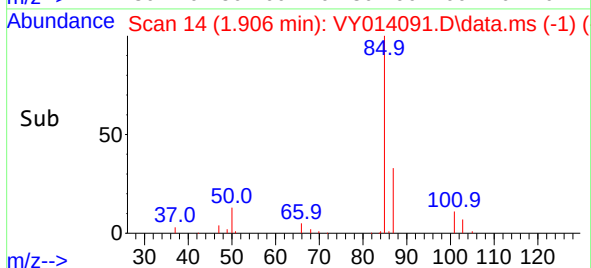
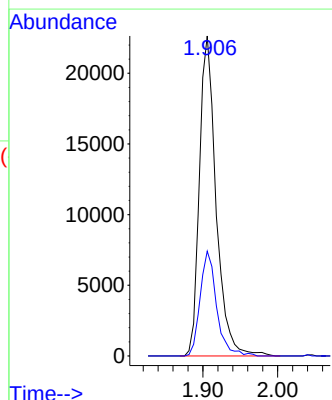
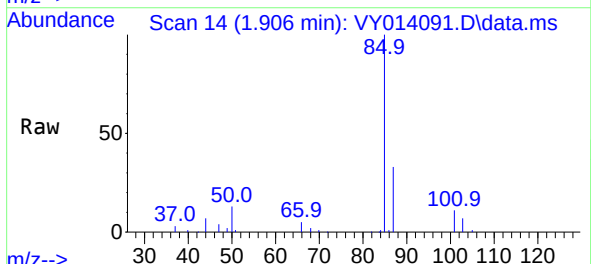
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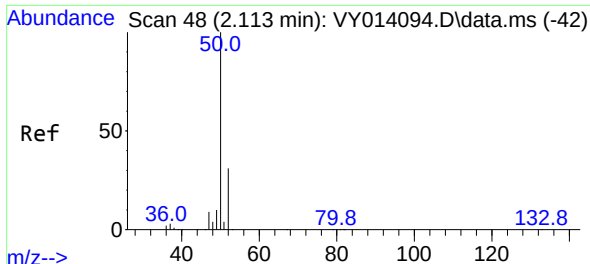
Tgt Ion:168 Resp: 208542
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 15.082 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 85 Resp: 35052
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8

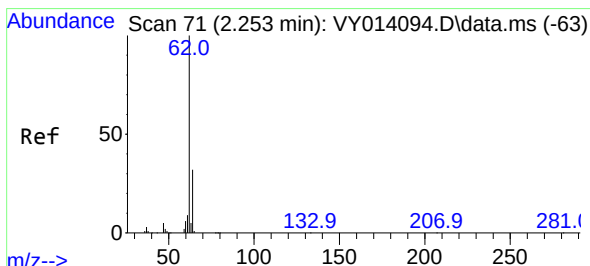
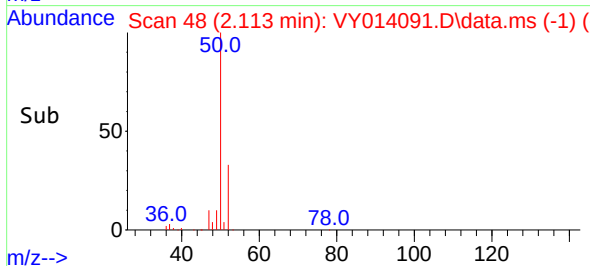
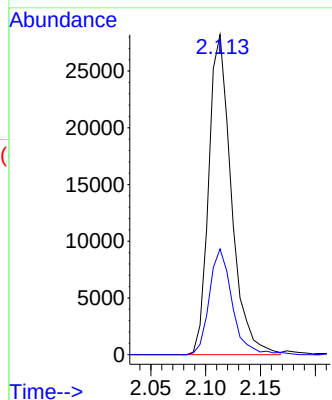
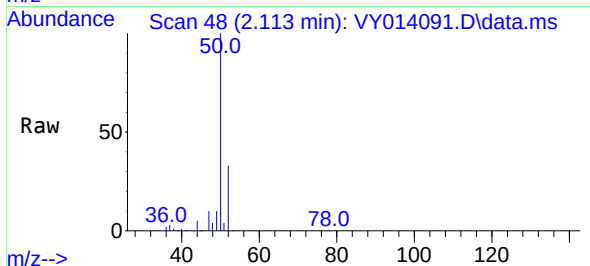




#3
Chloromethane
Concen: 13.734 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

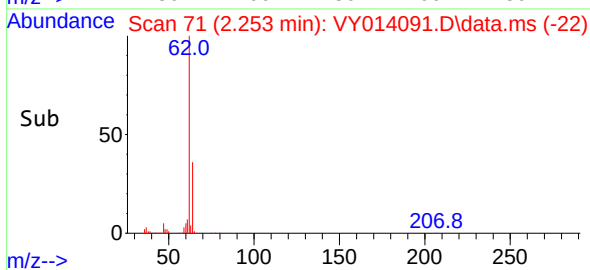
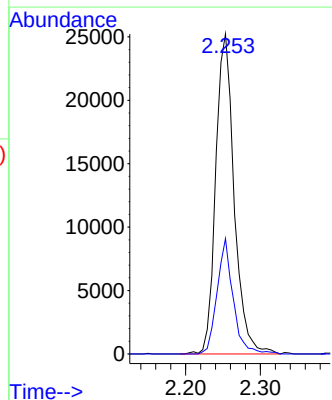
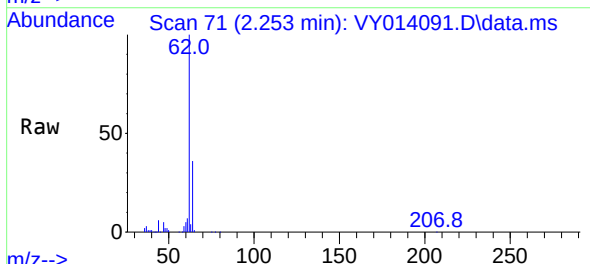
Instrument :
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ClientSampleId :
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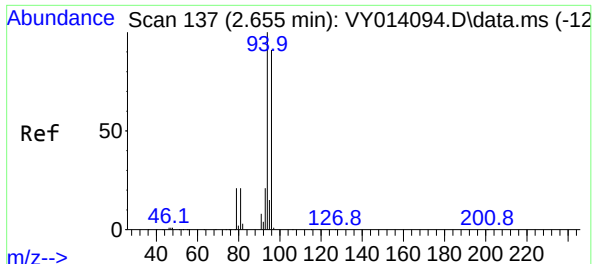
Tgt Ion: 50 Resp: 40474
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 15.089 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 62 Resp: 43232
Ion Ratio Lower Upper
62 100
64 36.1 24.3 36.5

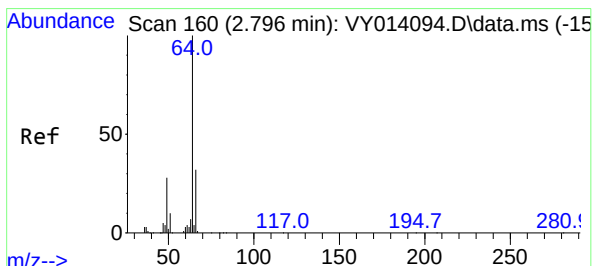
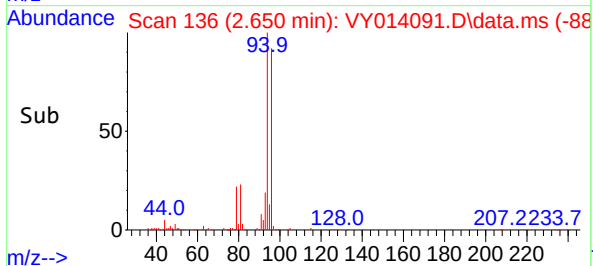
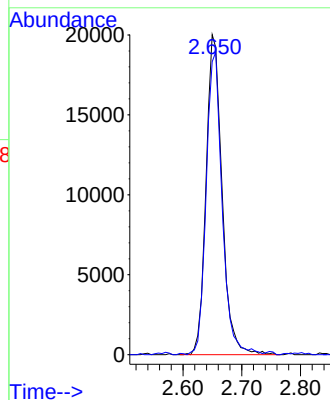
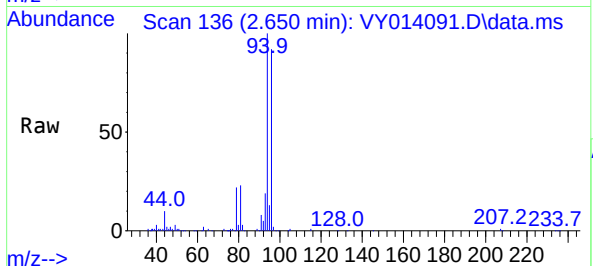




#5
Bromomethane
Concen: 16.034 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014091.D
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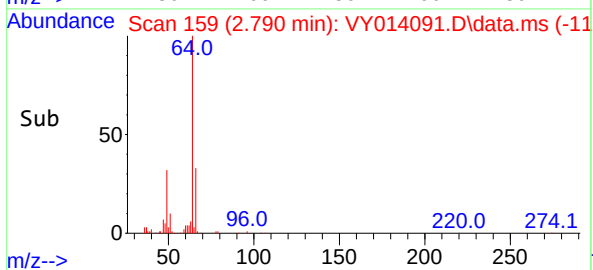
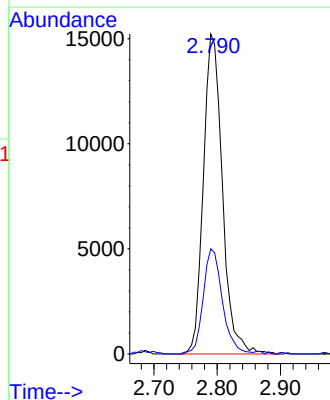
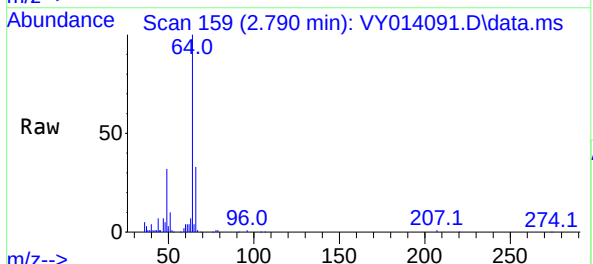
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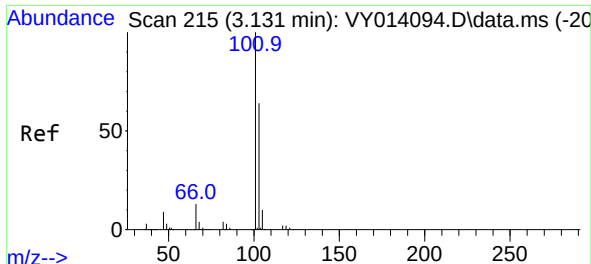
Tgt Ion: 94 Resp: 37905
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 16.369 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 64 Resp: 31869
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

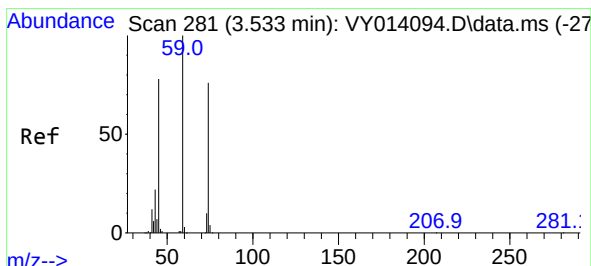
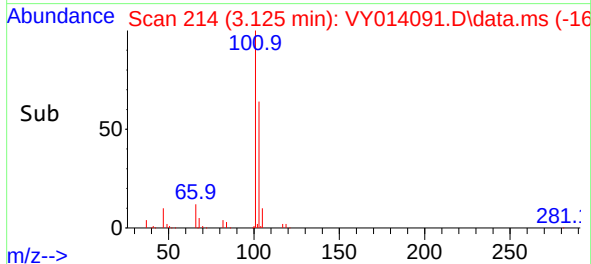
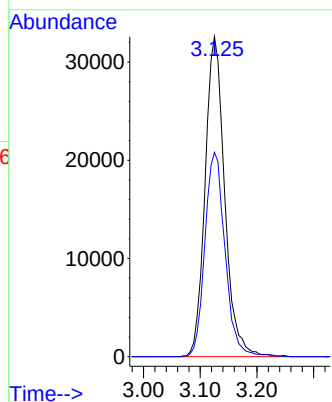
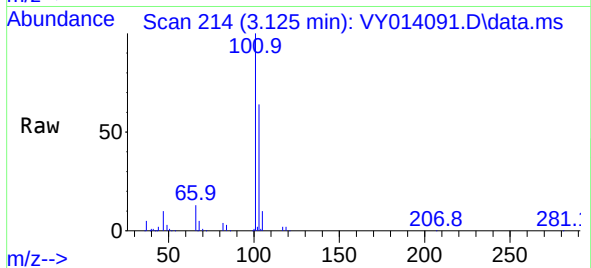




#7
Trichlorofluoromethane
Concen: 16.793 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014091.D
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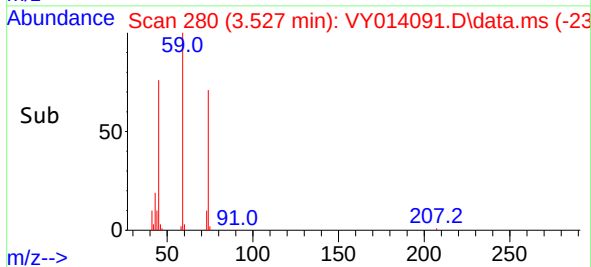
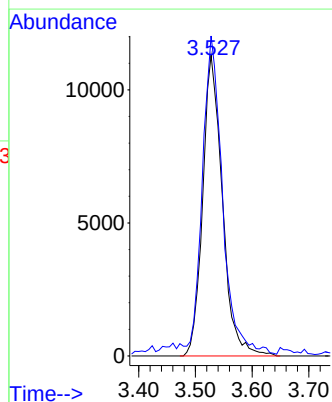
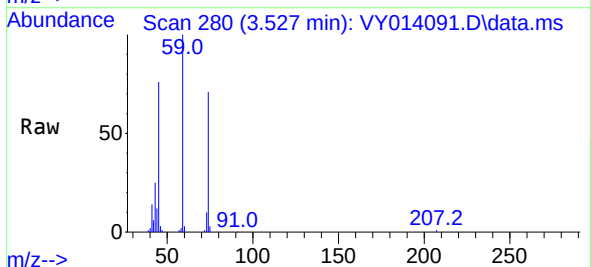
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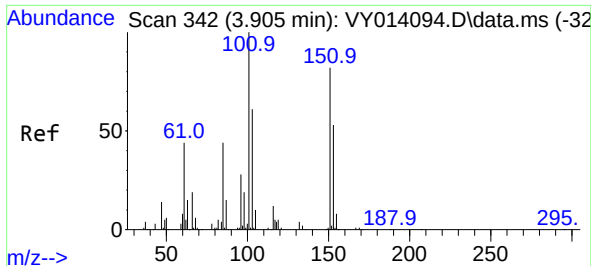
Tgt Ion:101 Resp: 78164
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0



#8
Diethyl Ether
Concen: 17.524 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 74 Resp: 27237
Ion Ratio Lower Upper
74 100
45 103.6 51.5 154.5

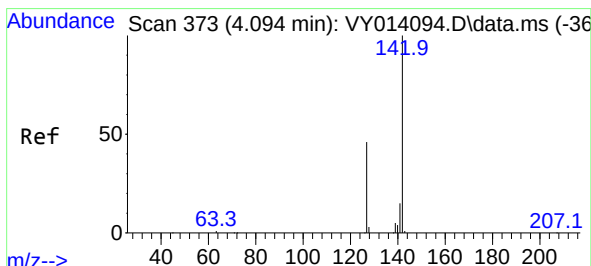
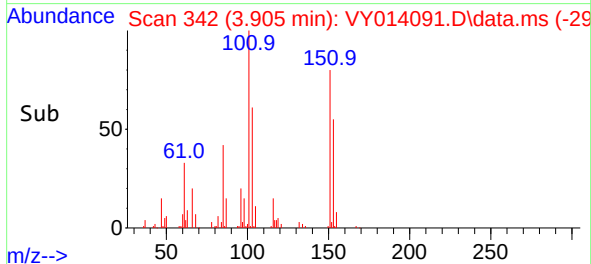
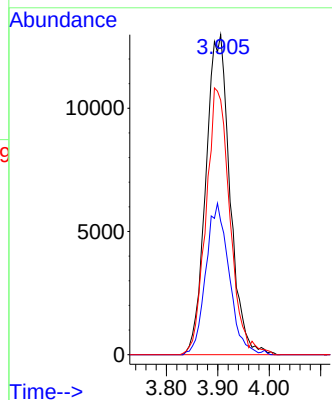
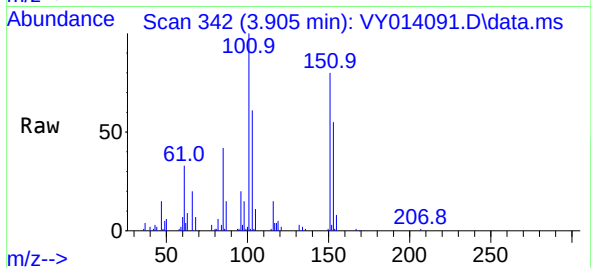




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.034 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY014091.D
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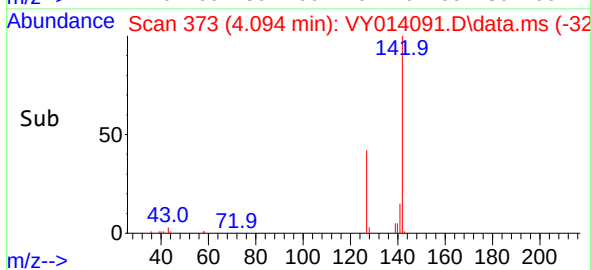
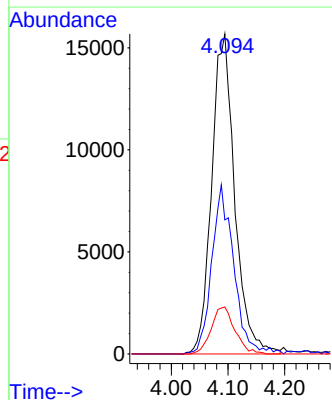
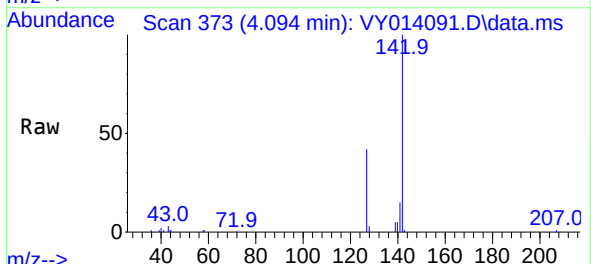
Instrument :
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ClientSampleId :
VSTDIC020

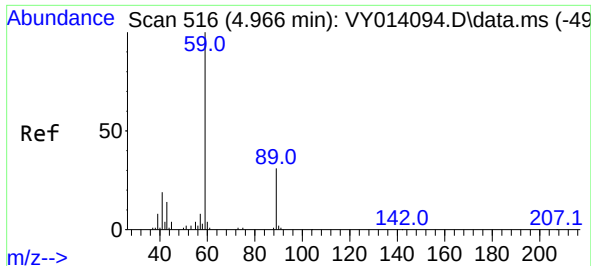
Tgt Ion:101 Resp: 42365
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 82.5 67.0 100.6



#10
Methyl Iodide
Concen: 14.259 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:142 Resp: 44230
Ion Ratio Lower Upper
142 100
127 50.5 37.6 56.4
141 15.1 11.8 17.8

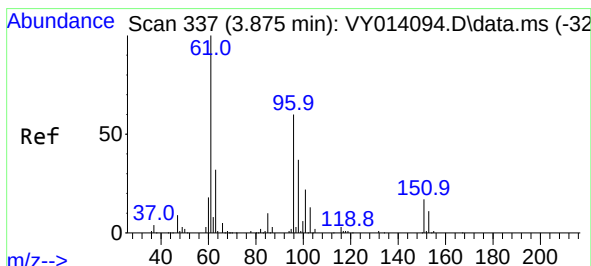
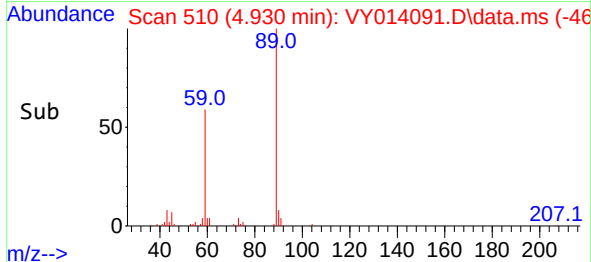
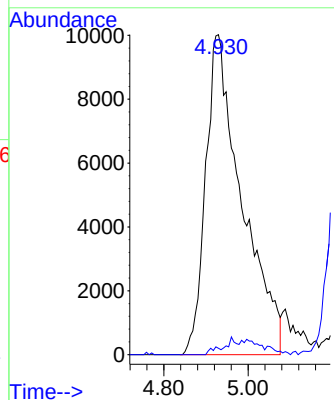
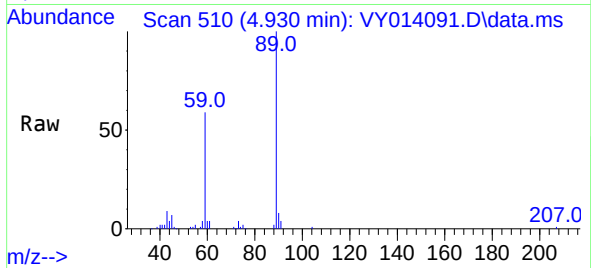




#11
Tert butyl alcohol
Concen: 180.161 ug/l
RT: 4.930 min Scan# 516
Delta R.T. -0.036 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

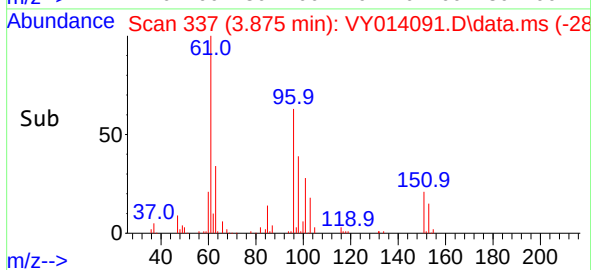
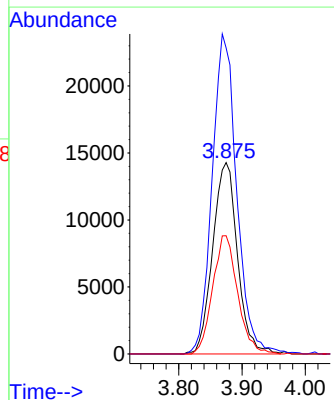
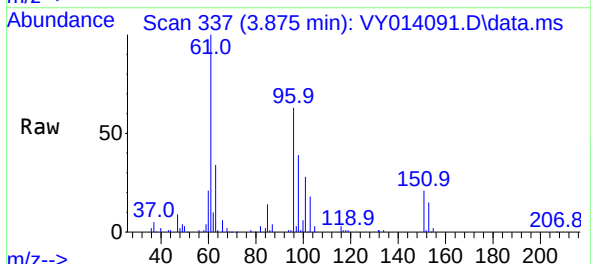
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

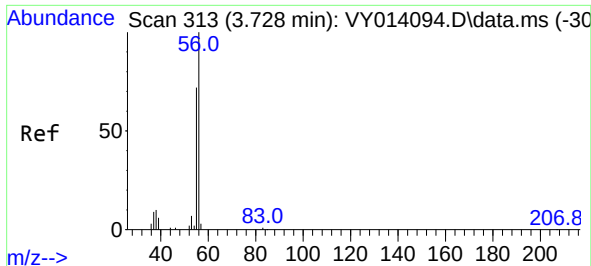
Tgt Ion: 59 Resp: 59701
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 16.330 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 96 Resp: 38882
Ion Ratio Lower Upper
96 100
61 159.9 136.4 204.6
98 61.7 49.4 74.2

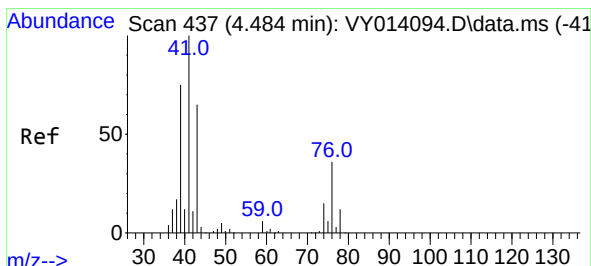
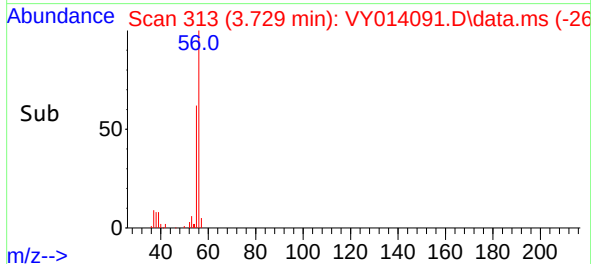
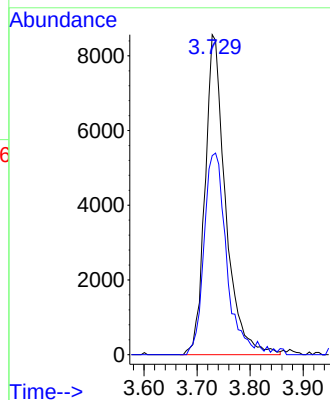
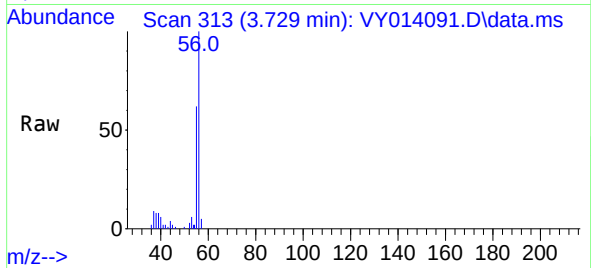




#13
Acrolein
Concen: 160.893 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

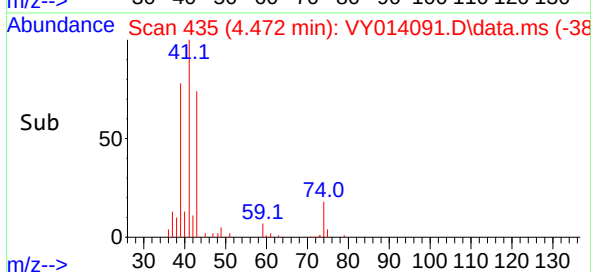
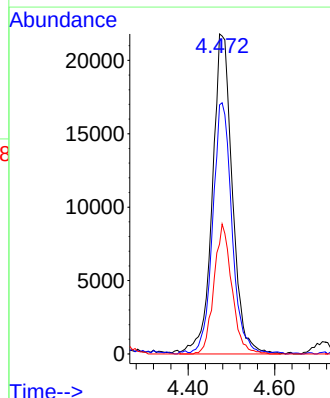
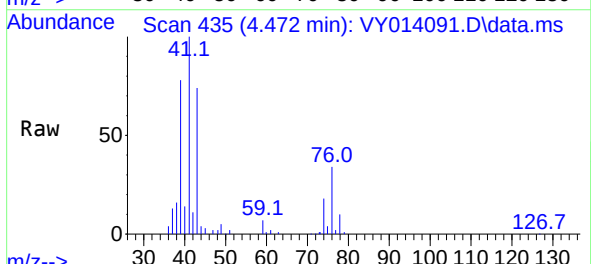
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

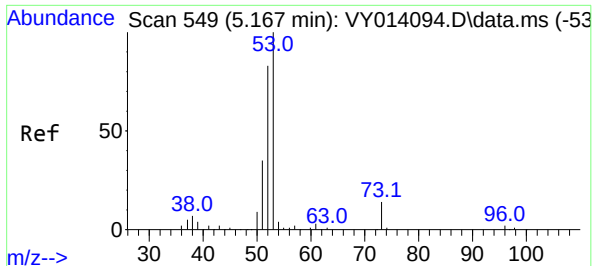
Tgt Ion: 56 Resp: 23007
Ion Ratio Lower Upper
56 100
55 68.3 57.0 85.4



#14
Allyl chloride
Concen: 16.216 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 41 Resp: 69990
Ion Ratio Lower Upper
41 100
39 73.9 58.0 87.0
76 36.2 27.4 41.2



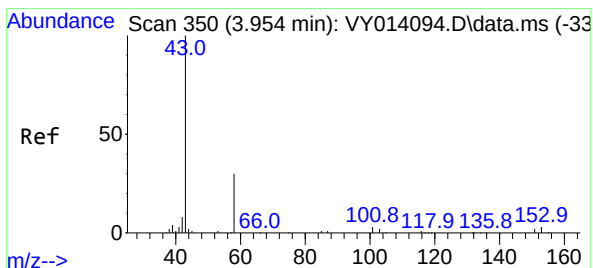
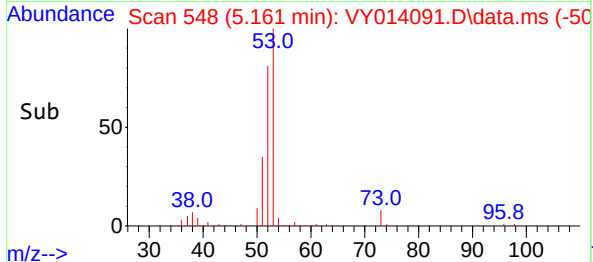
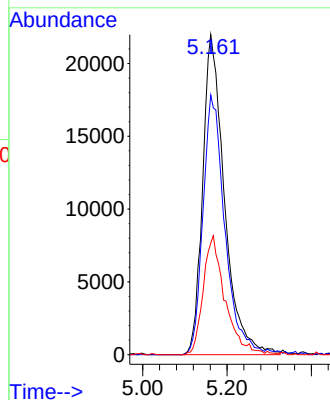
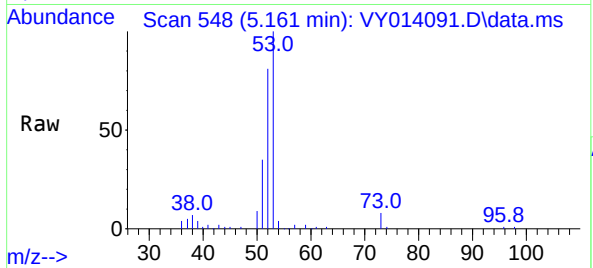


#15
Acrylonitrile
Concen: 98.394 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 53 Resp: 78881

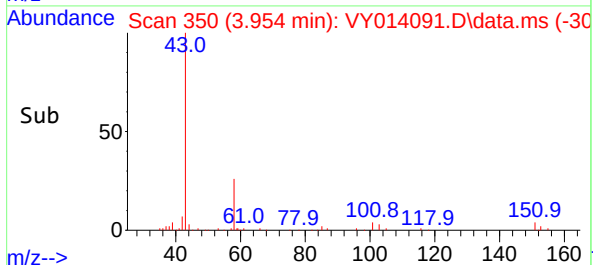
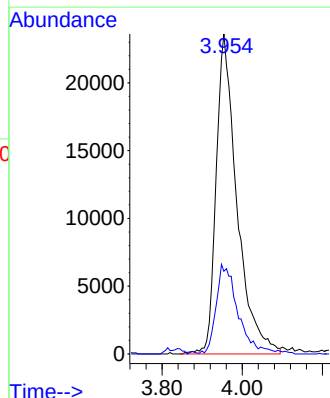
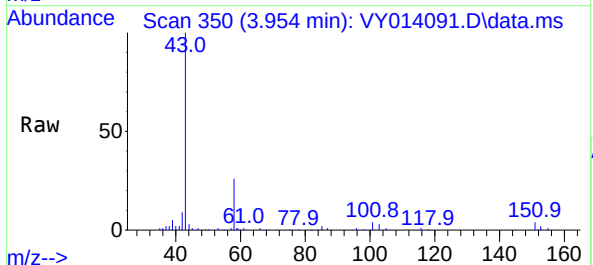
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.9	100.3
51	37.2	29.8	44.6

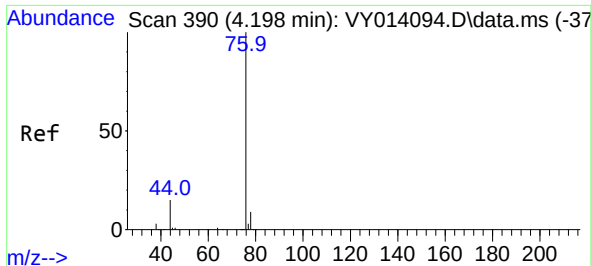


#16
Acetone
Concen: 97.181 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 43 Resp: 85067

Ion	Ratio	Lower	Upper
43	100		
58	25.0	22.7	34.1

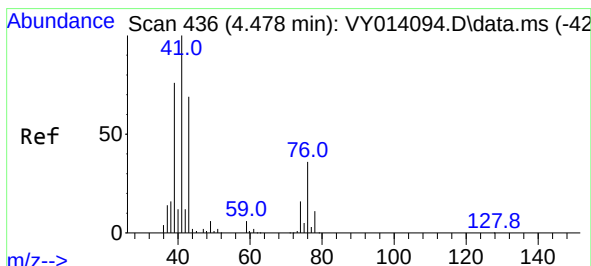
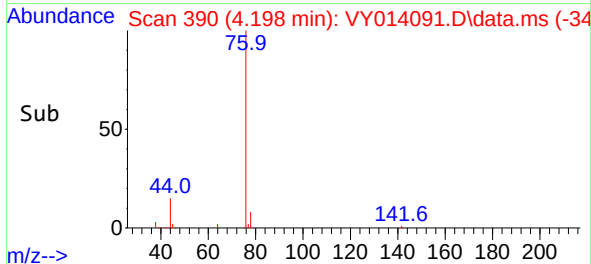
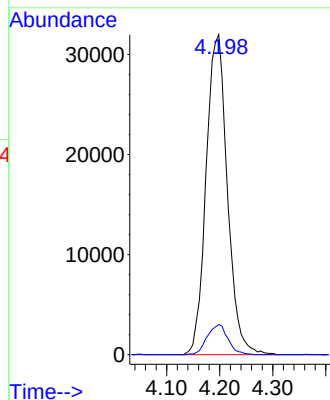
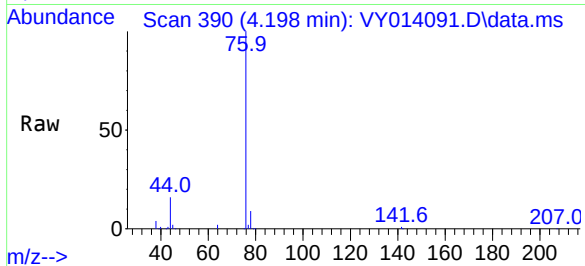




#17
Carbon Disulfide
Concen: 11.562 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

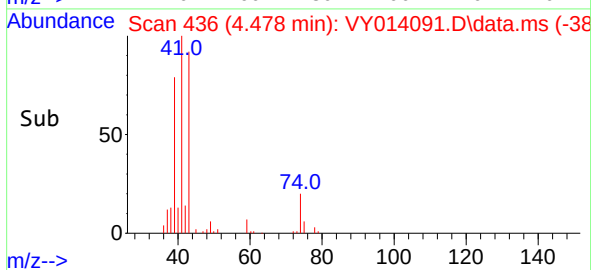
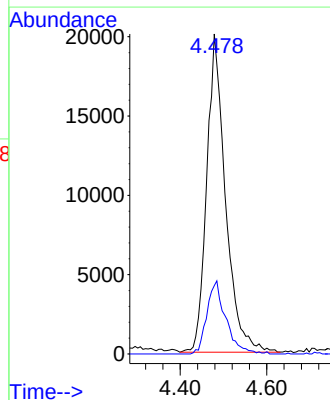
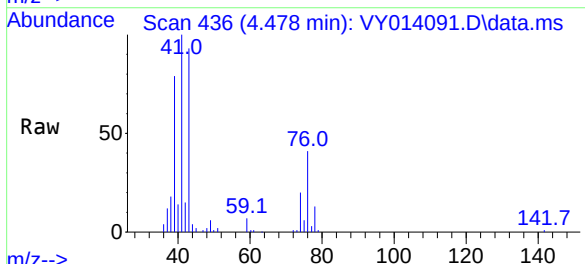
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

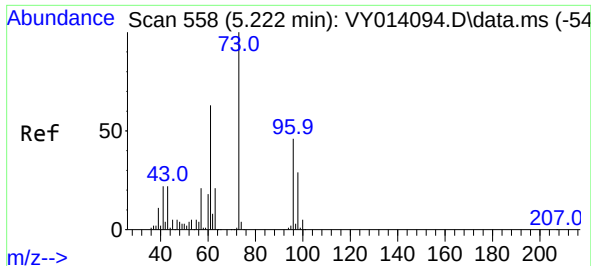
Tgt Ion: 76 Resp: 89209
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 17.830 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 43 Resp: 60581
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 18.720 ug/l

RT: 5.222 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

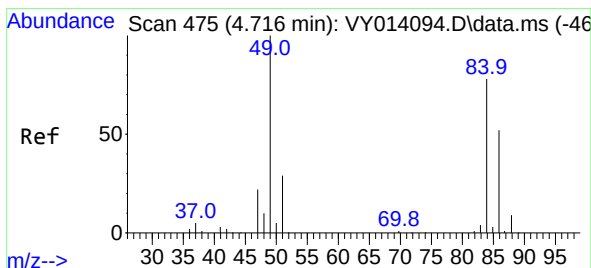
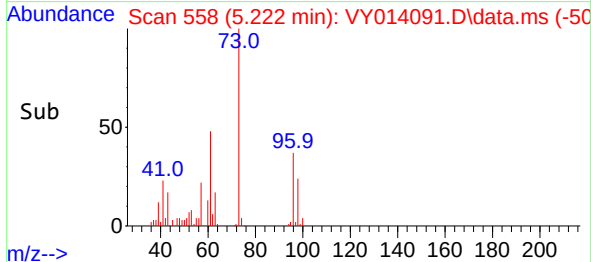
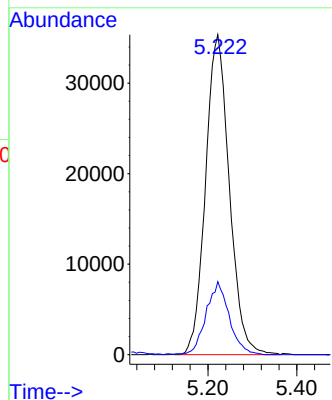
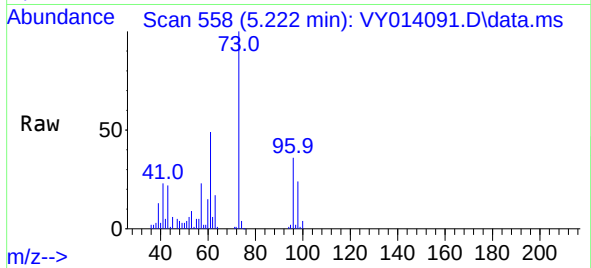
VSTDIC020

Tgt Ion: 73 Resp: 131463

Ion Ratio Lower Upper

73 100

57 22.8 17.3 25.9



#20

Methylene Chloride

Concen: 19.094 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Tgt Ion: 84 Resp: 59553

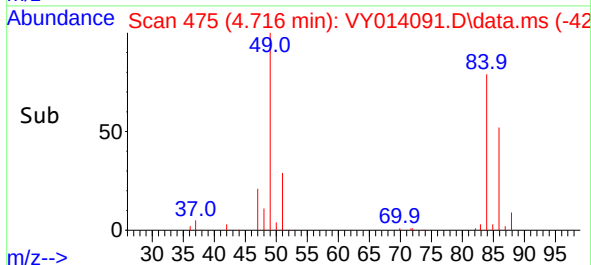
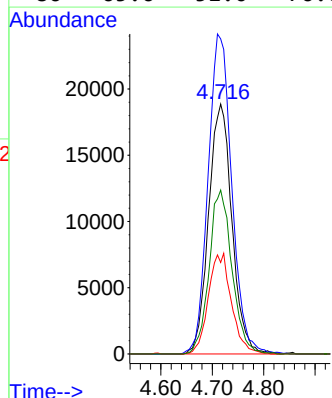
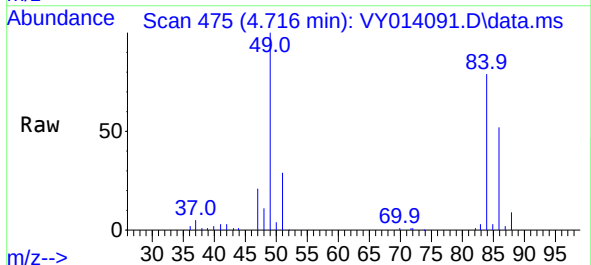
Ion Ratio Lower Upper

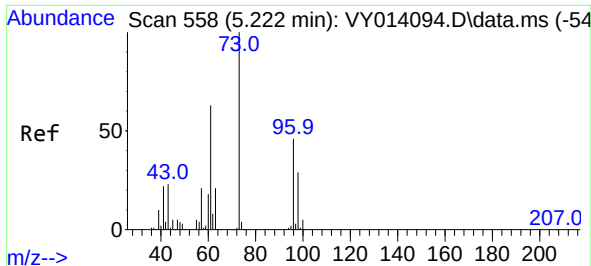
84 100

49 126.1 106.9 160.3

51 36.6 33.2 49.8

86 65.6 51.0 76.6

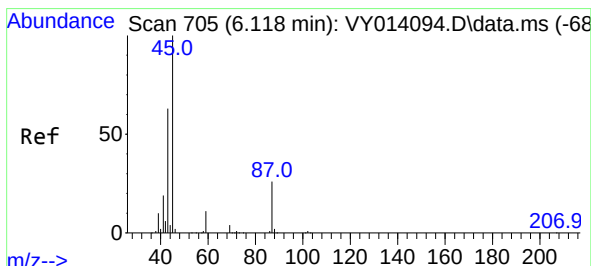
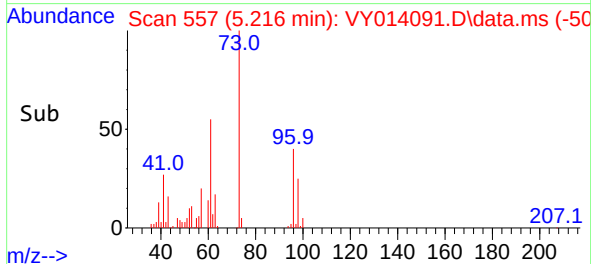
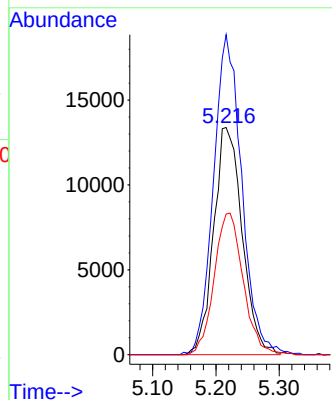
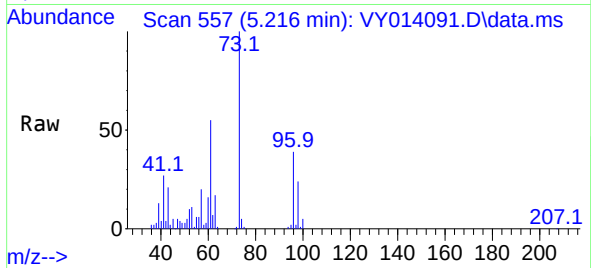




#21
trans-1,2-Dichloroethene
Concen: 15.814 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

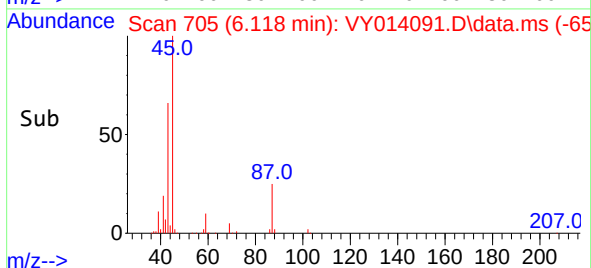
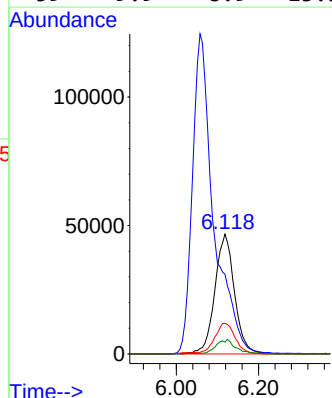
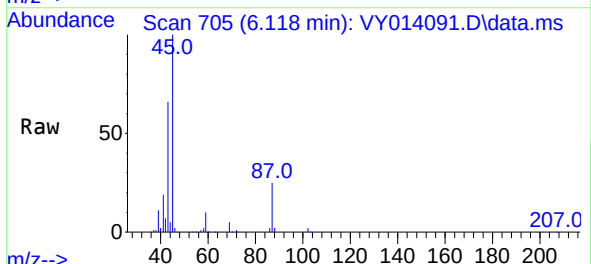
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

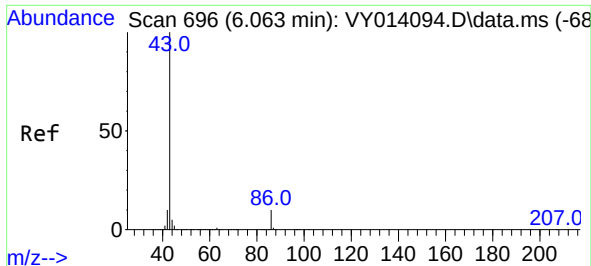
Tgt Ion: 96 Resp: 41999
Ion Ratio Lower Upper
96 100
61 140.8 110.2 165.4
98 61.9 51.8 77.6



#22
Diisopropyl ether
Concen: 18.710 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 45 Resp: 154614
Ion Ratio Lower Upper
45 100
43 65.9 52.2 78.4
87 25.4 21.0 31.6
59 9.9 8.9 13.3

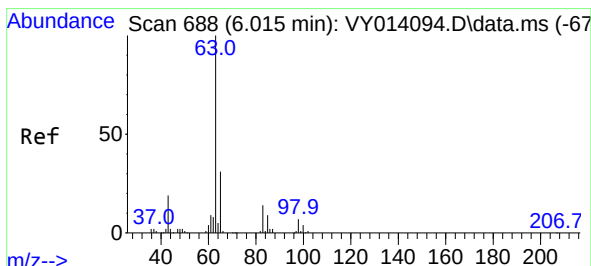
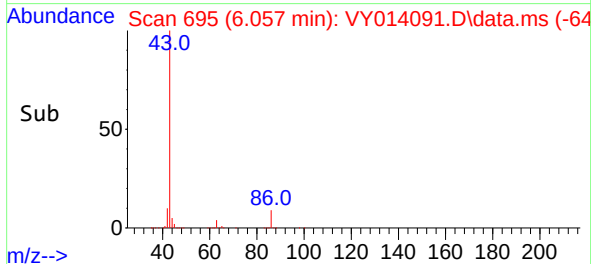
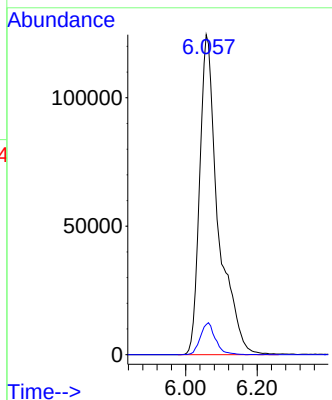
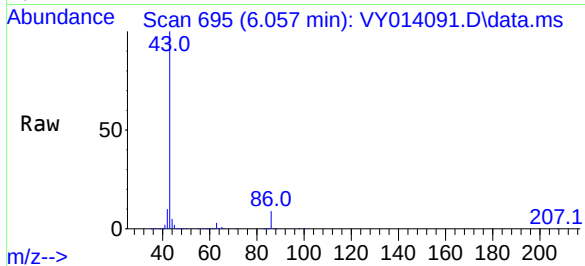




#23
 Vinyl Acetate
 Concen: 91.989 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY014091.D
 Acq: 09 Jun 2023 11:52

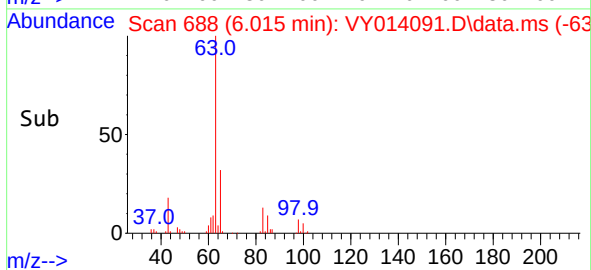
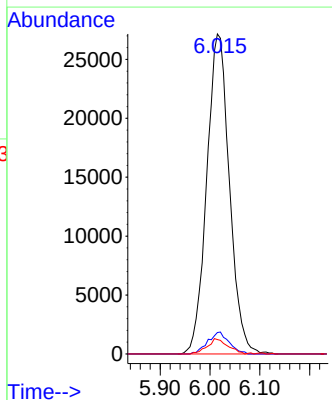
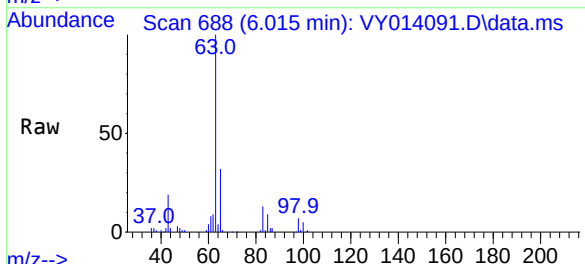
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

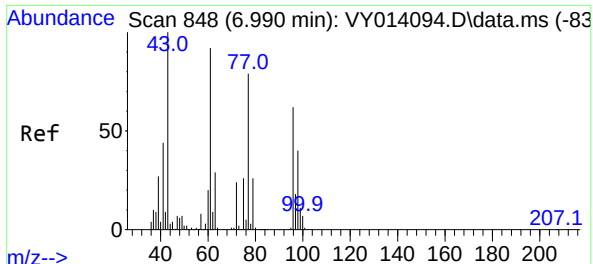
Tgt Ion: 43 Resp: 448522
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 18.012 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014091.D
 Acq: 09 Jun 2023 11:52

Tgt Ion: 63 Resp: 85821
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.5 1.8 5.5

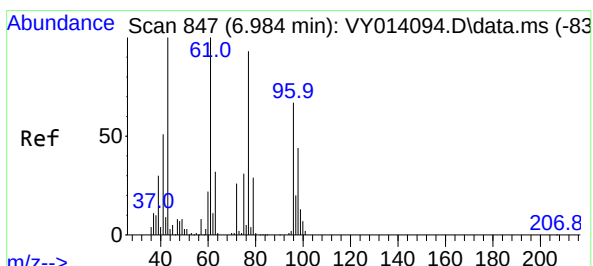
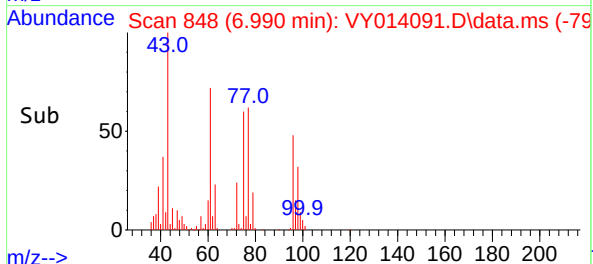
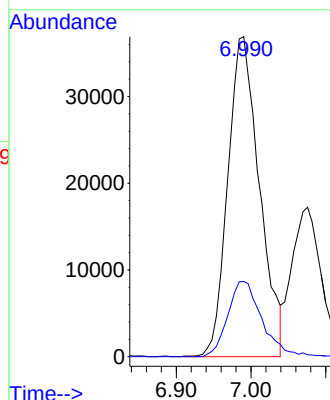
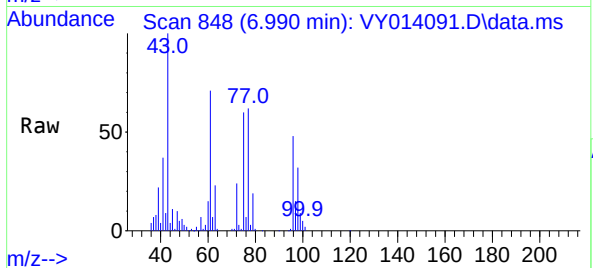




#25
2-Butanone
Concen: 100.847 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

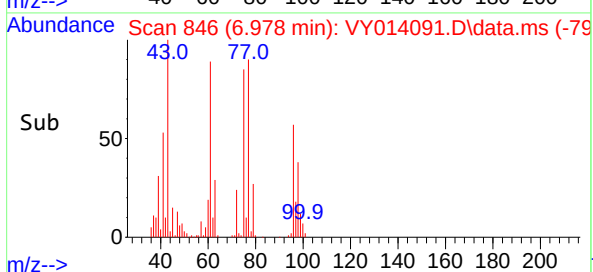
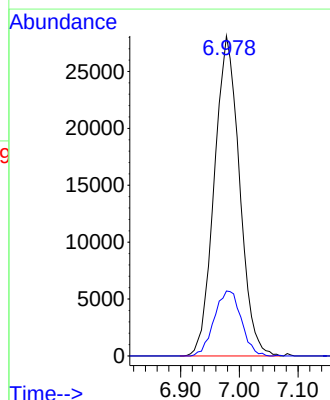
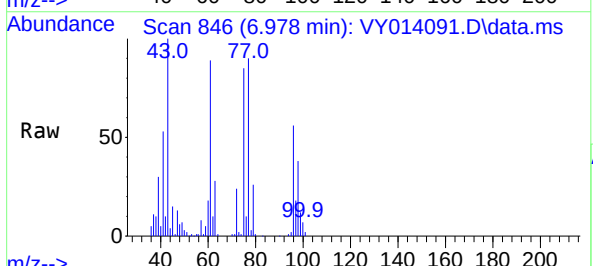
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

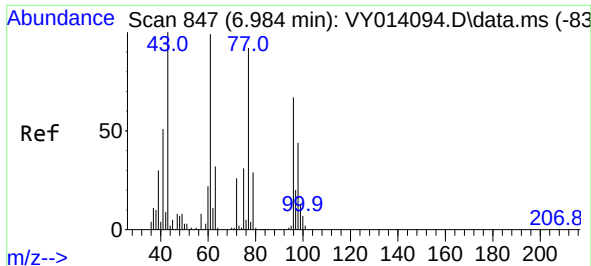
Tgt Ion: 43 Resp: 108665
Ion Ratio Lower Upper
43 100
72 23.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 18.729 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 77 Resp: 83814
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 17.649 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

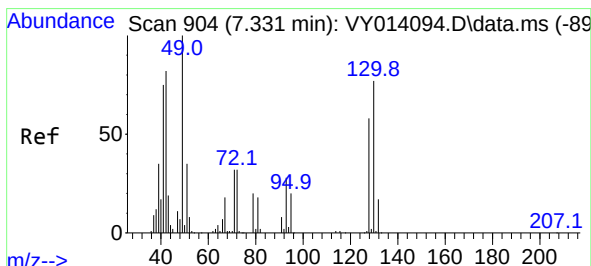
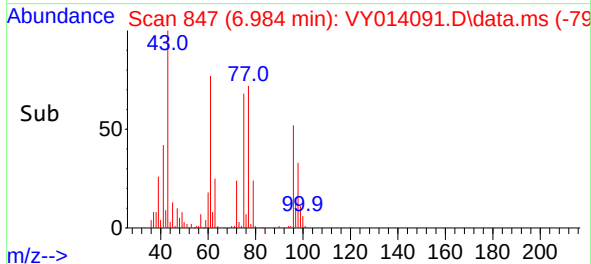
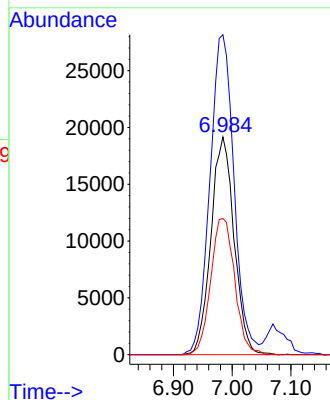
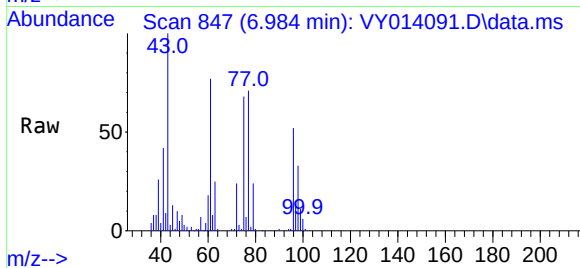
Tgt Ion: 96 Resp: 52434

Ion Ratio Lower Upper

96 100

61 153.1 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 20.995 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

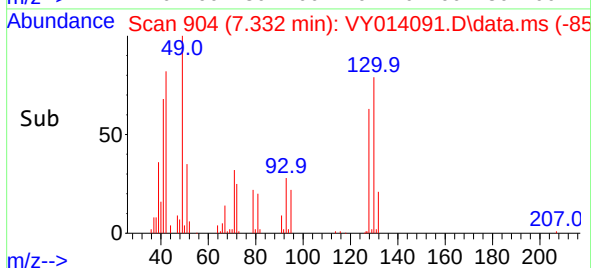
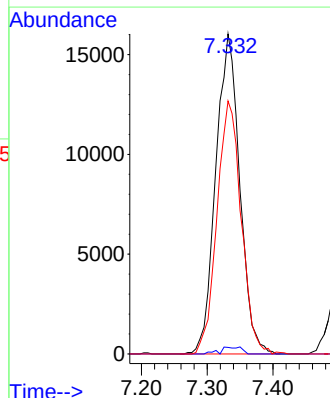
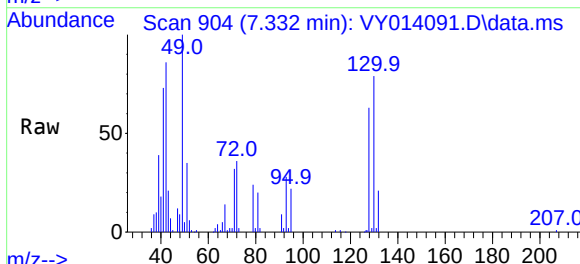
Tgt Ion: 49 Resp: 40680

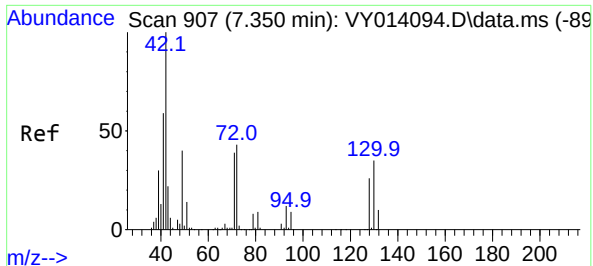
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 79.9 60.7 91.1

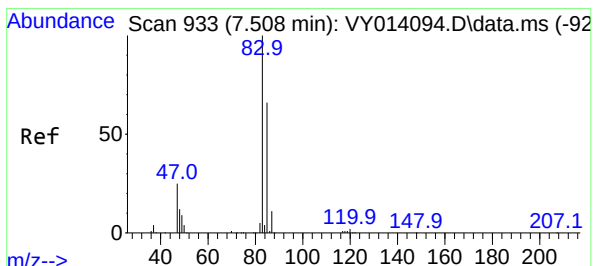
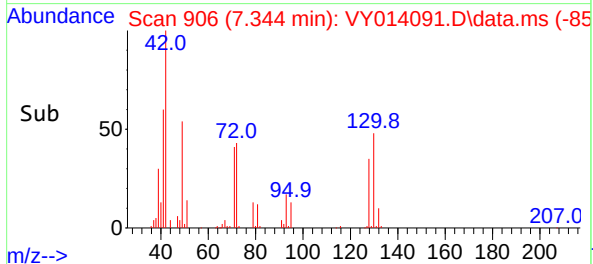
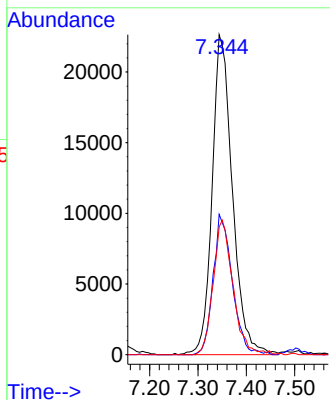
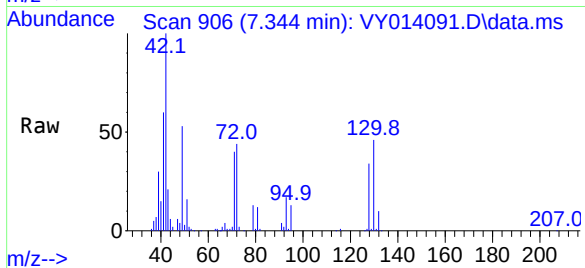




#29
Tetrahydrofuran
Concen: 96.457 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

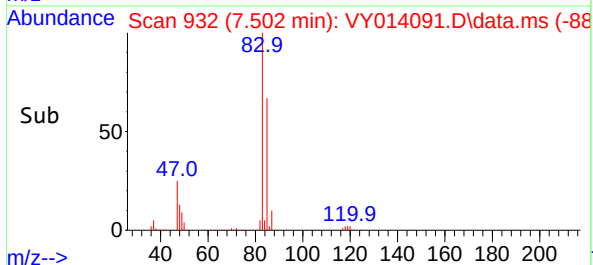
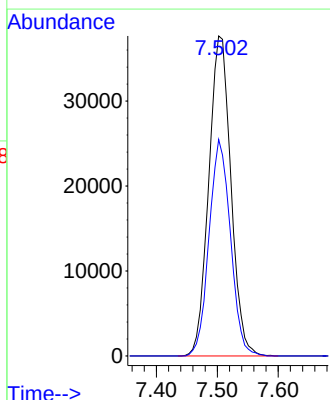
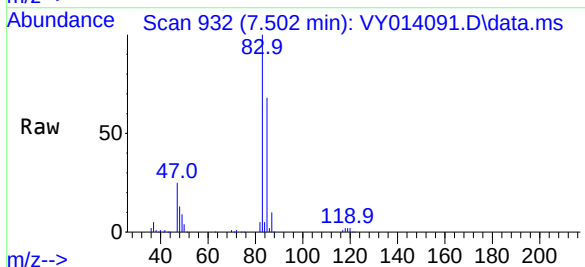
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

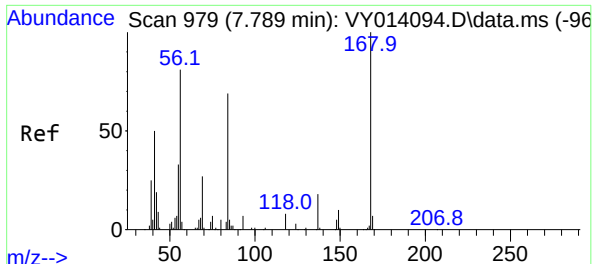
Tgt Ion: 42 Resp: 65906
Ion Ratio Lower Upper
42 100
72 41.5 32.8 49.2
71 41.0 31.0 46.4



#30
Chloroform
Concen: 18.819 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 83 Resp: 95125
Ion Ratio Lower Upper
83 100
85 67.7 49.7 74.5

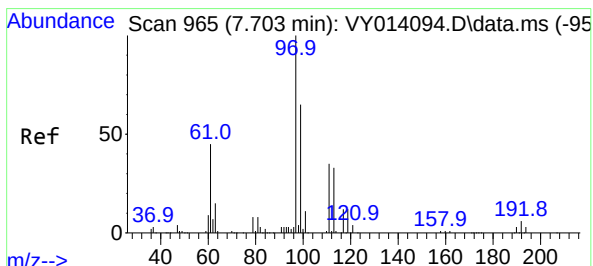
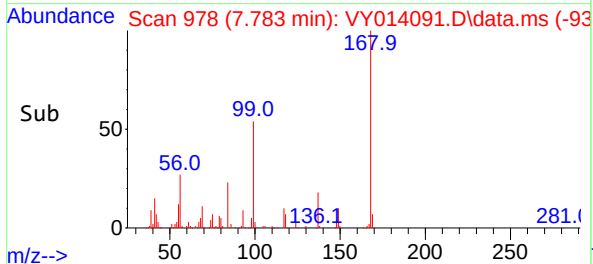
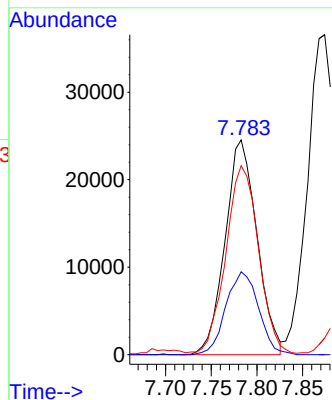
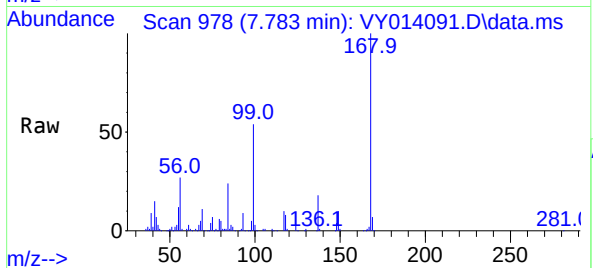




#31
Cyclohexane
Concen: 15.353 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

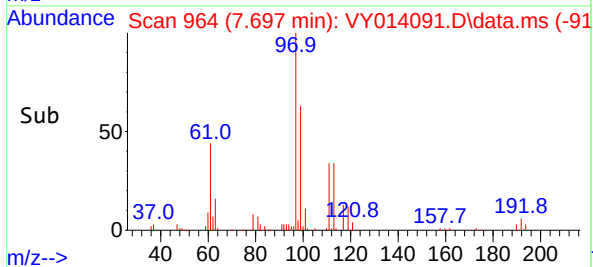
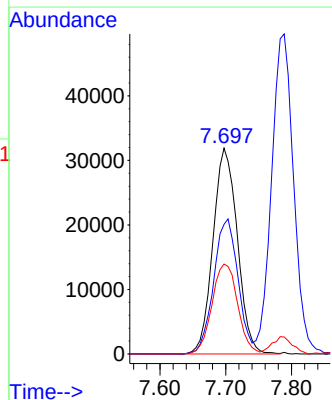
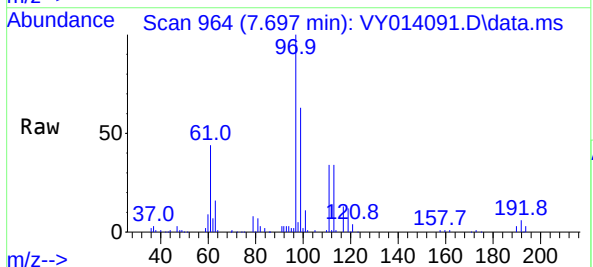
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

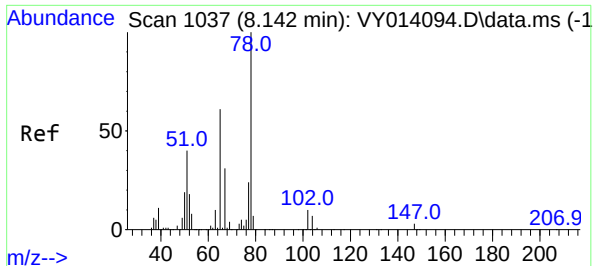
Tgt Ion: 56 Resp: 59727
Ion Ratio Lower Upper
56 100
69 38.6 27.8 41.6
84 86.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.026 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 97 Resp: 82179
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 46.0 35.1 52.7

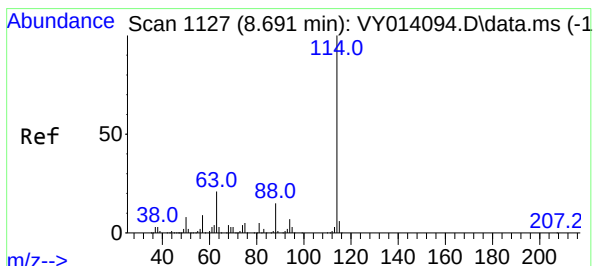
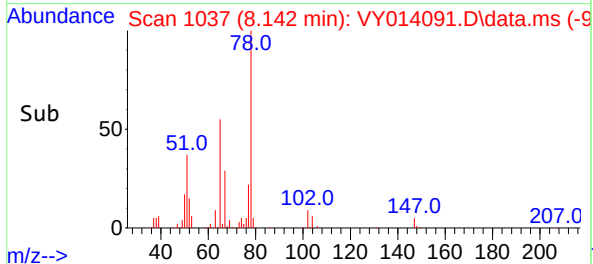
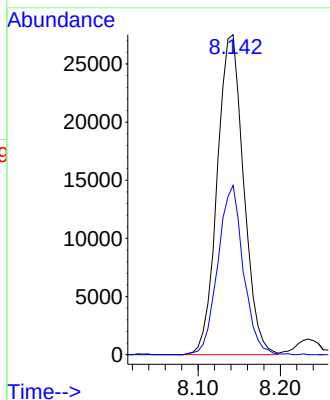
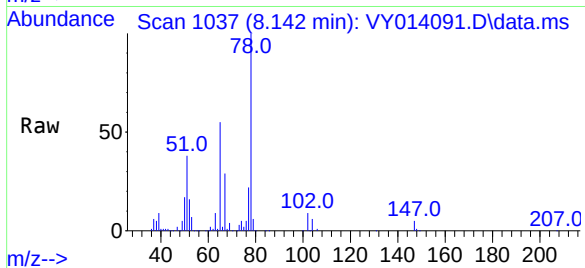




#33
1,2-Dichloroethane-d4
Concen: 21.160 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

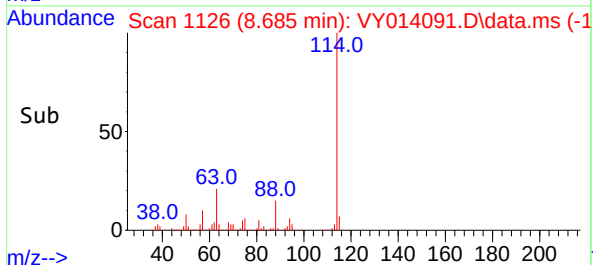
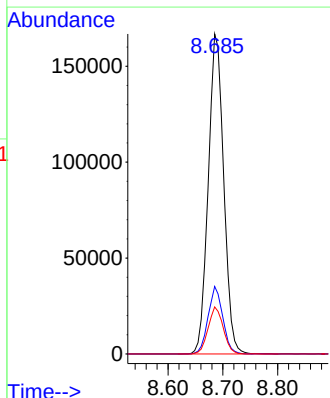
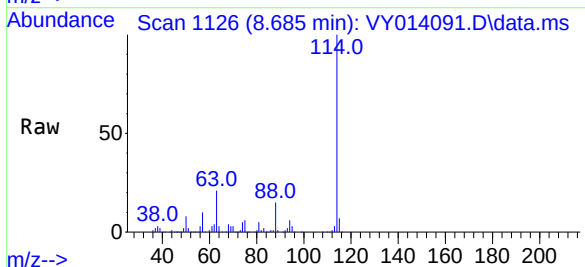
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

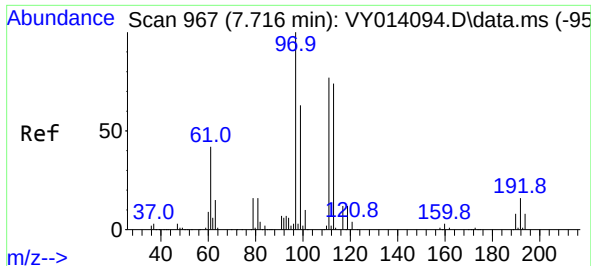
Tgt Ion: 65 Resp: 61447
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 114 Resp: 325872
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 14.7 0.0 30.6

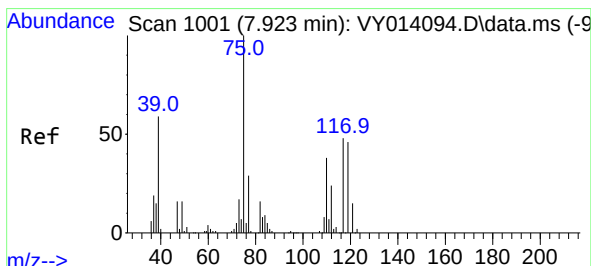
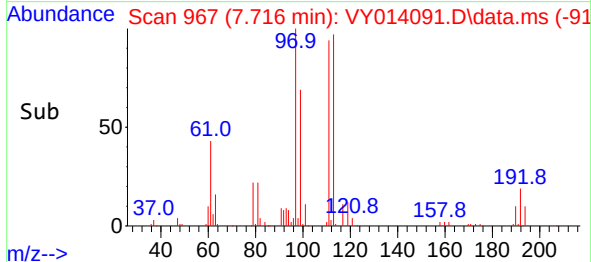
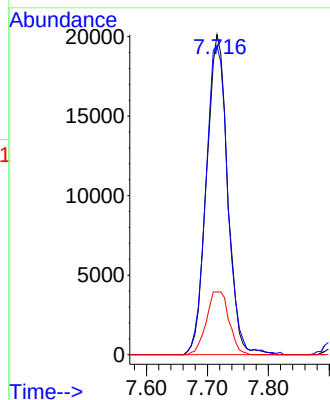
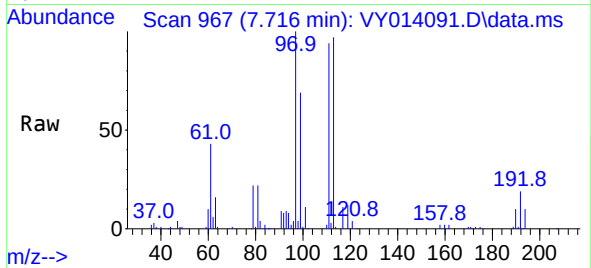




#35
Dibromofluoromethane
Concen: 20.904 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

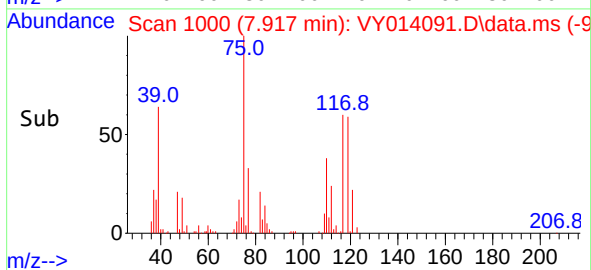
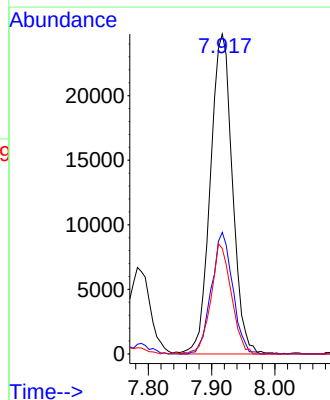
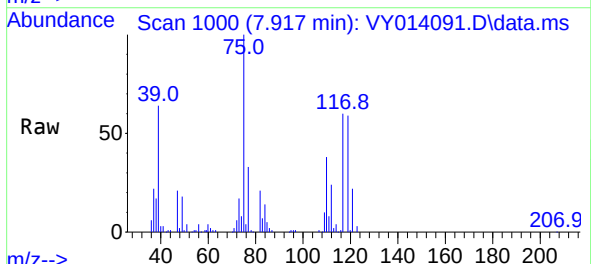
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

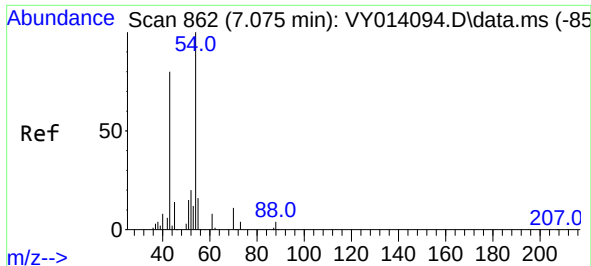
Tgt Ion:113 Resp: 48310
Ion Ratio Lower Upper
113 100
111 100.7 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 16.614 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 75 Resp: 59860
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.8 24.4 36.6

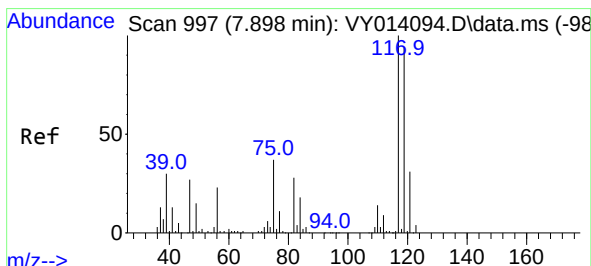
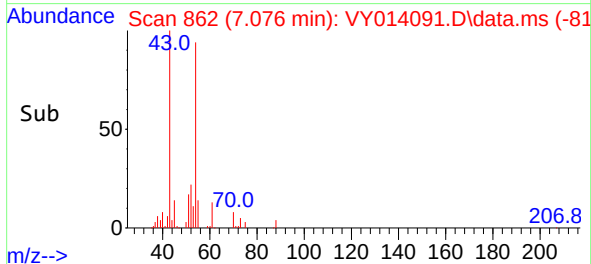
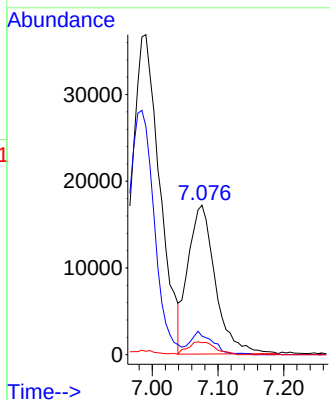
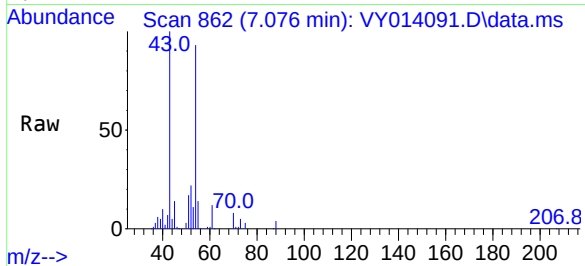




#37
Ethyl Acetate
Concen: 19.870 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

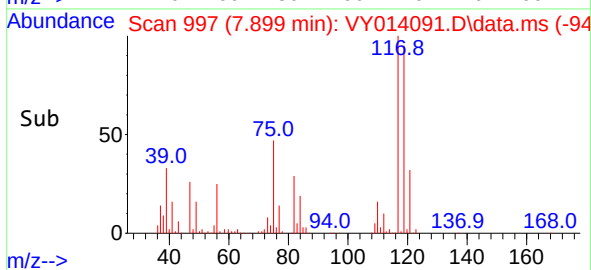
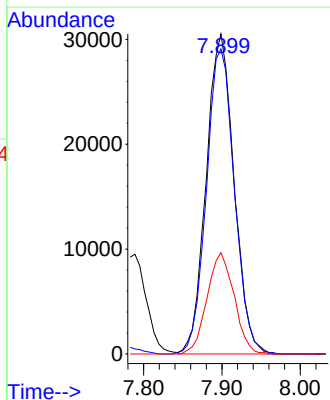
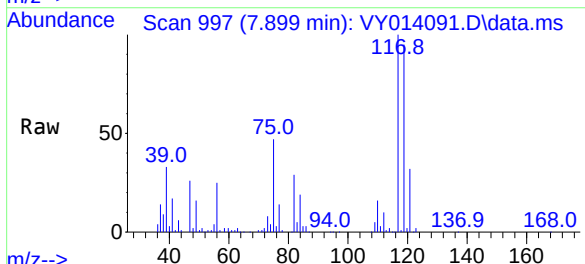
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

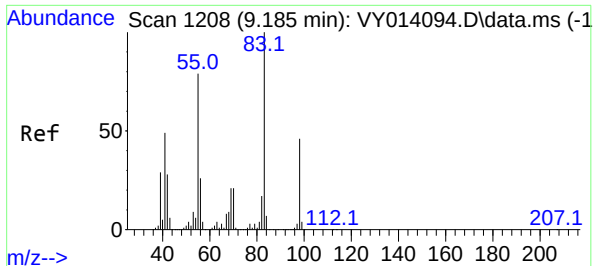
Tgt Ion: 43 Resp: 49395
Ion Ratio Lower Upper
43 100
61 12.8 10.1 15.1
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.119 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 117 Resp: 75335
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 15.120 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

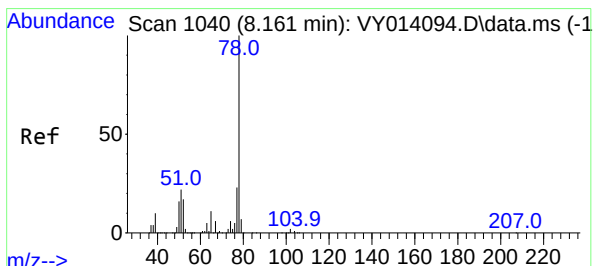
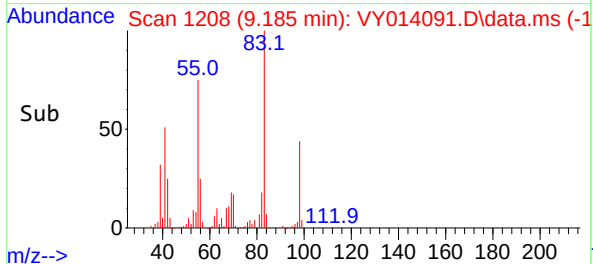
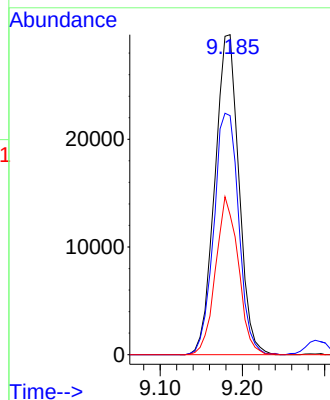
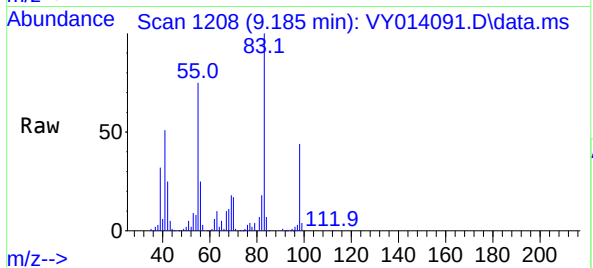
Tgt Ion: 83 Resp: 60443

Ion Ratio Lower Upper

83 100

55 74.7 63.0 94.4

98 43.7 37.4 56.2



#40

Benzene

Concen: 17.543 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014091.D

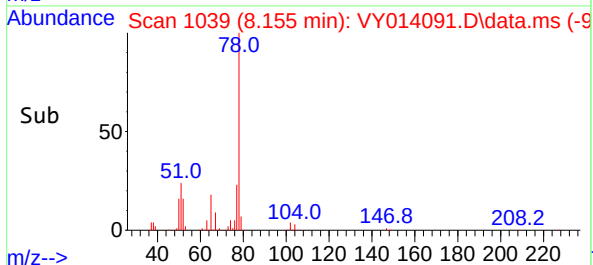
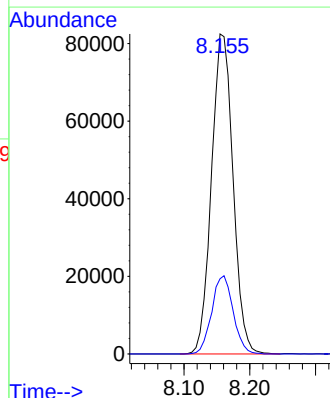
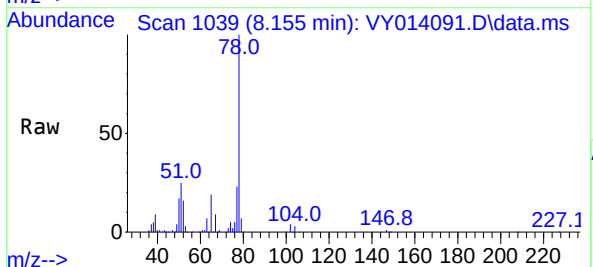
Acq: 09 Jun 2023 11:52

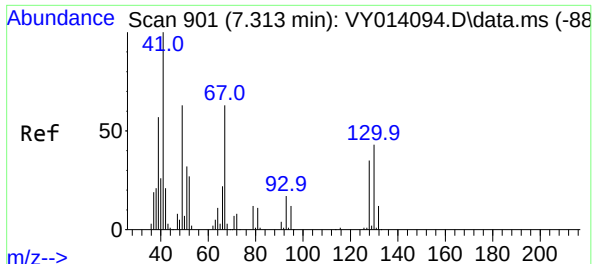
Tgt Ion: 78 Resp: 187944

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

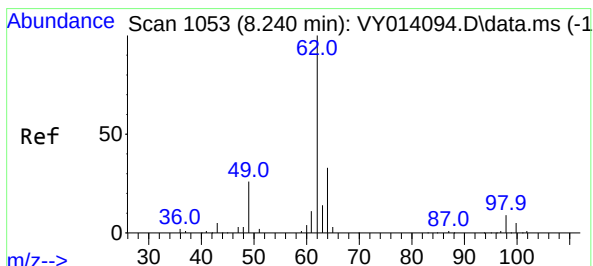
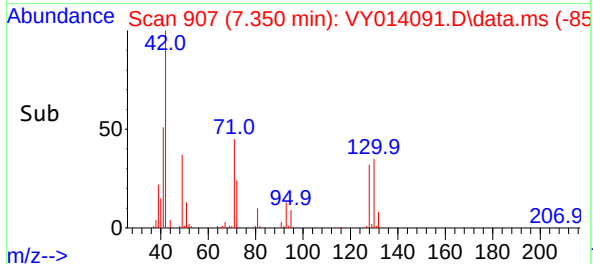
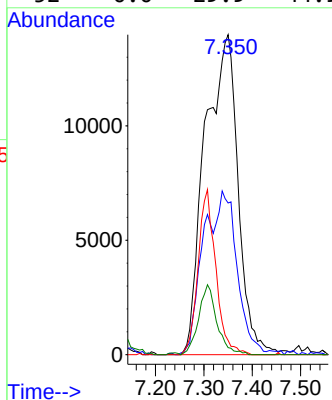
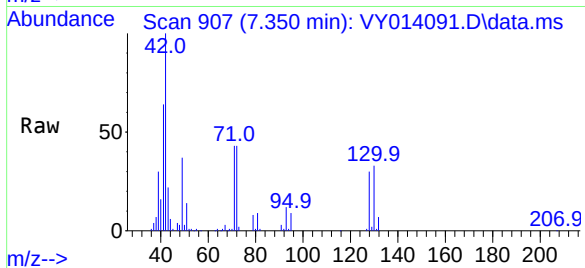




#41
Methacrylonitrile
Concen: 50.825 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

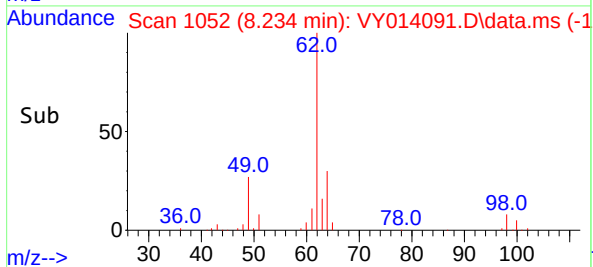
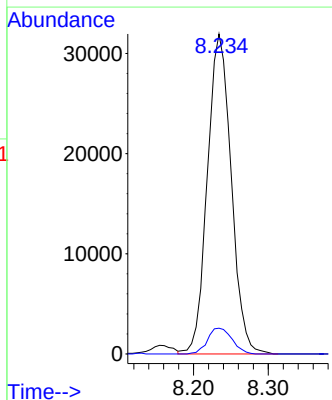
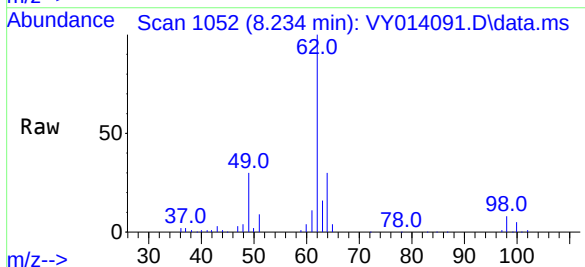
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

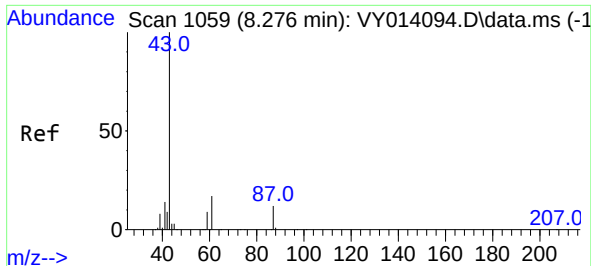
Tgt Ion: 41 Resp: 66140
Ion Ratio Lower Upper
41 100
39 27.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 18.698 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 62 Resp: 70838
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8

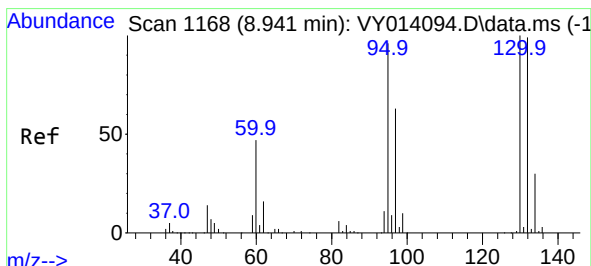
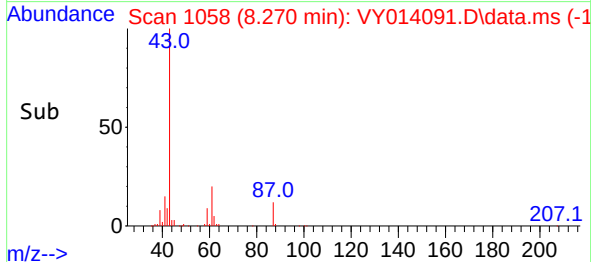
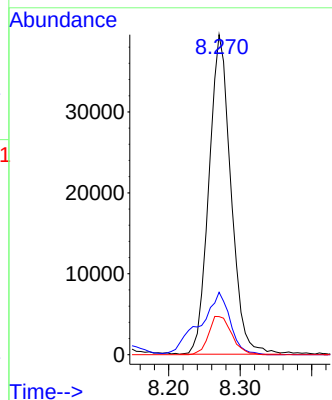
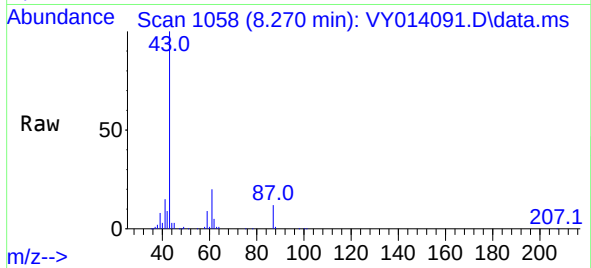




#43
Isopropyl Acetate
Concen: 19.313 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

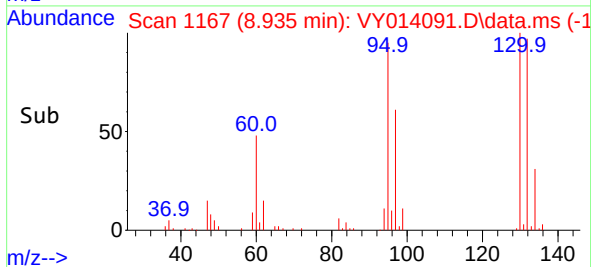
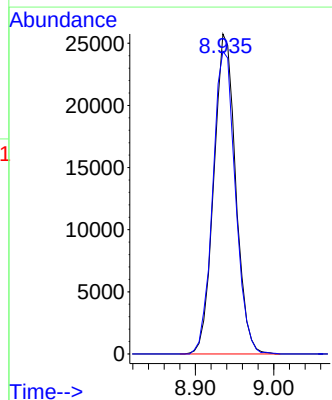
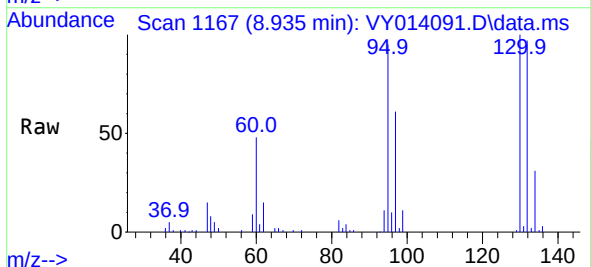
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

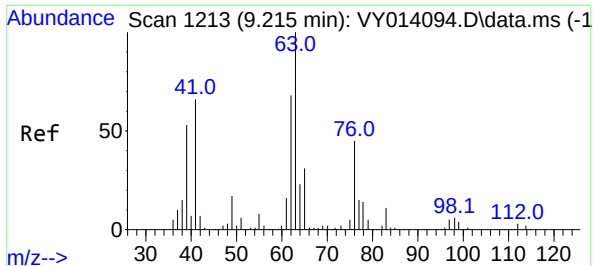
Tgt Ion: 43 Resp: 84146
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 17.441 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 130 Resp: 49923
Ion Ratio Lower Upper
130 100
95 94.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.400 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

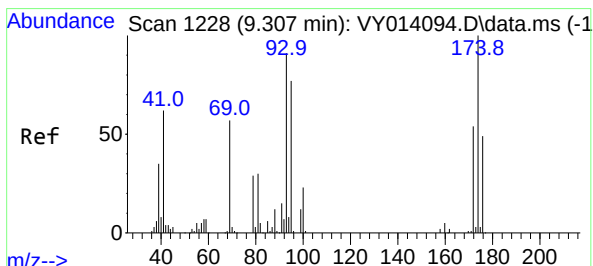
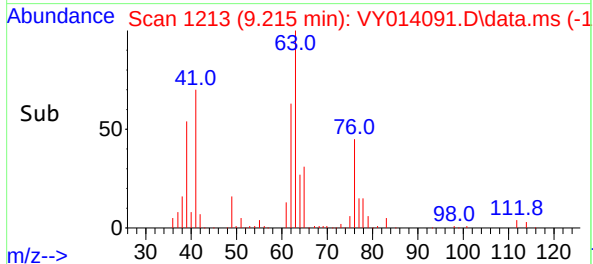
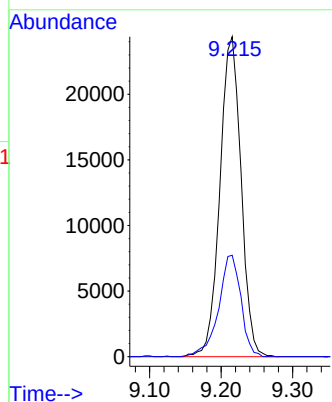
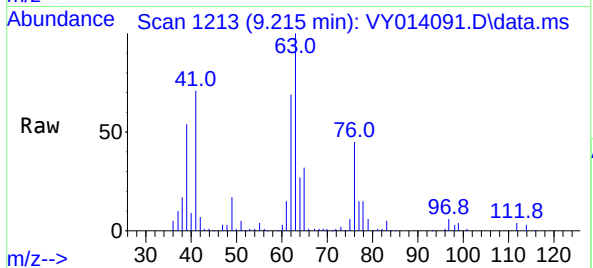
VSTDICC020

Tgt Ion: 63 Resp: 50071

Ion Ratio Lower Upper

63 100

65 31.7 23.8 35.6



#46

Dibromomethane

Concen: 18.676 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

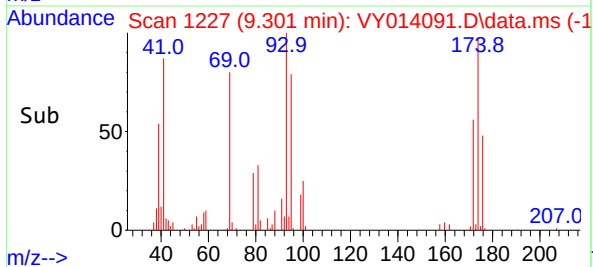
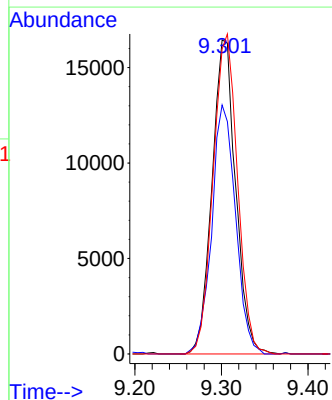
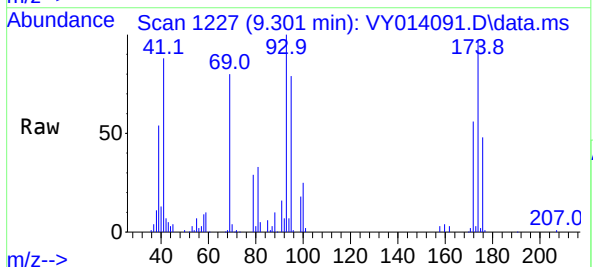
Tgt Ion: 93 Resp: 31283

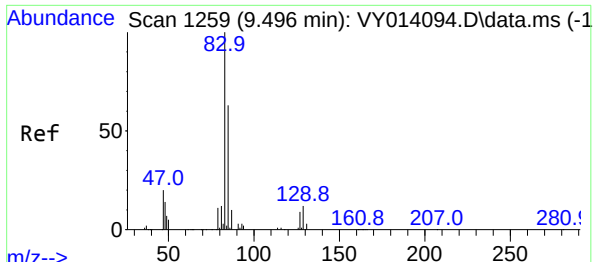
Ion Ratio Lower Upper

93 100

95 79.6 66.6 100.0

174 104.6 84.8 127.2

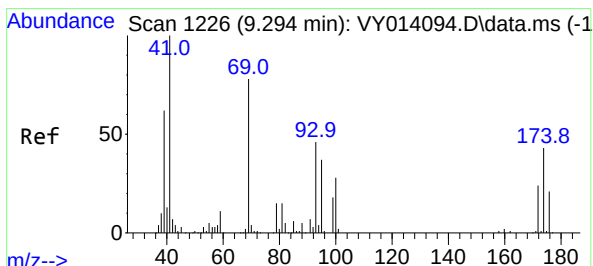
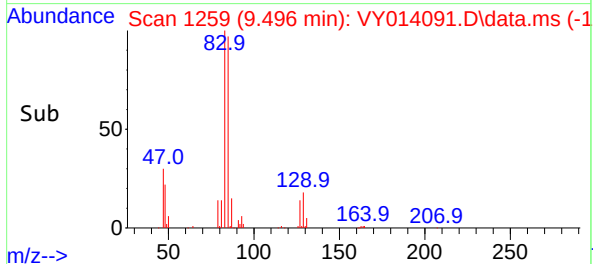
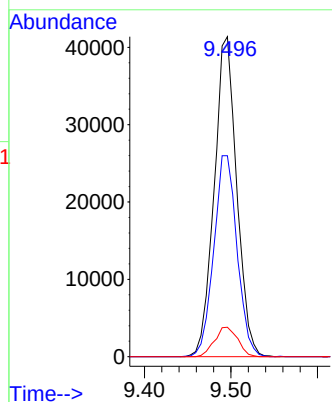
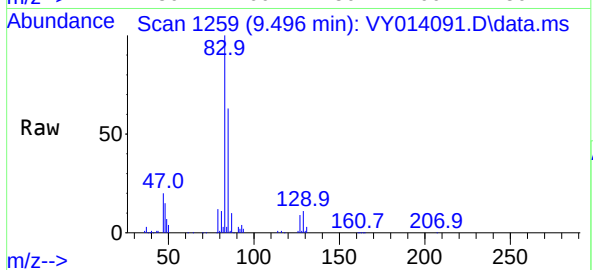




#47
Bromodichloromethane
Concen: 19.055 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

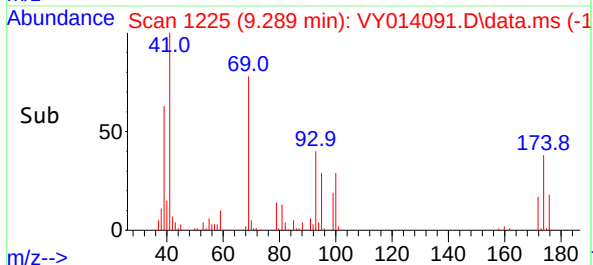
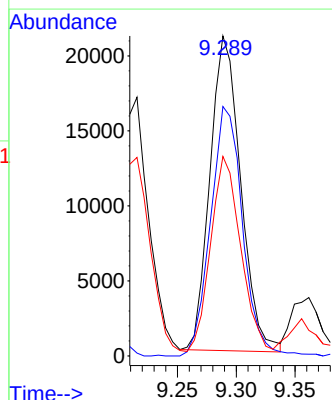
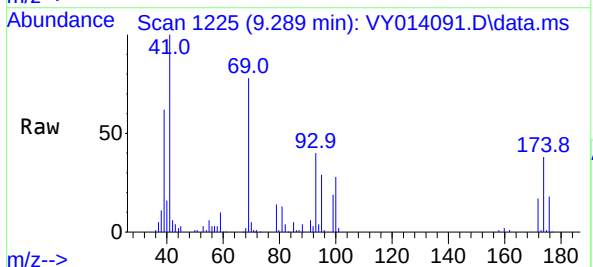
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

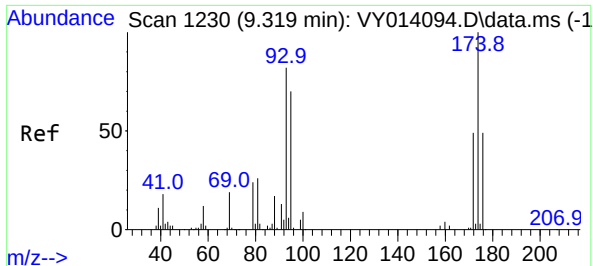
Tgt Ion: 83 Resp: 74735
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 18.755 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 41 Resp: 38114
Ion Ratio Lower Upper
41 100
69 82.8 64.5 96.7
39 62.4 50.8 76.2





#49

1,4-Dioxane

Concen: 391.396 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

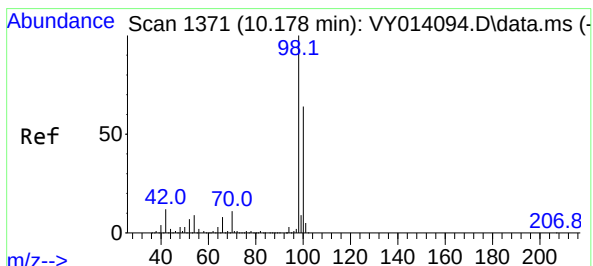
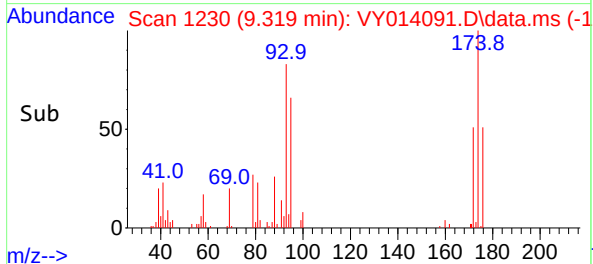
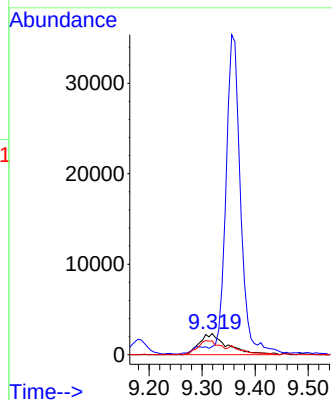
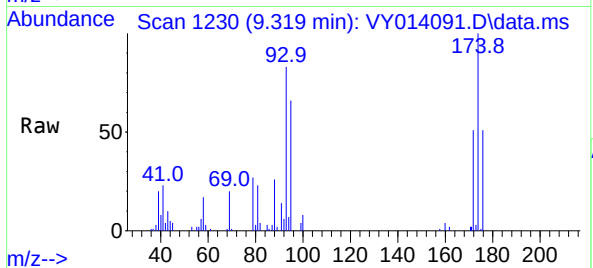
Tgt Ion: 88 Resp: 8603

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 51.9 30.9 46.3#



#50

Toluene-d8

Concen: 21.257 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014091.D

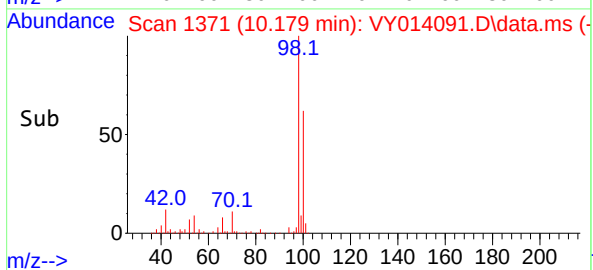
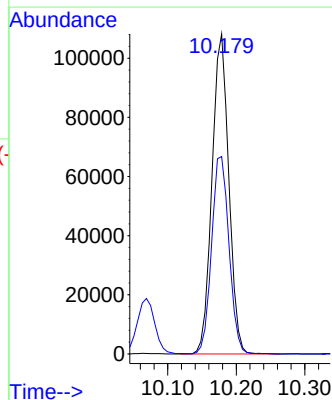
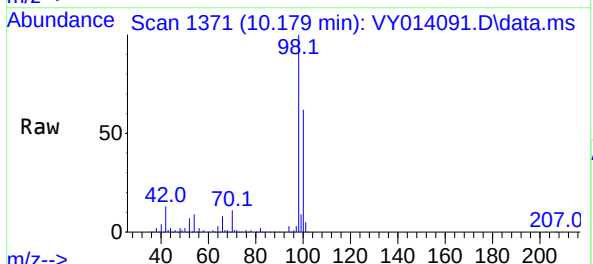
Acq: 09 Jun 2023 11:52

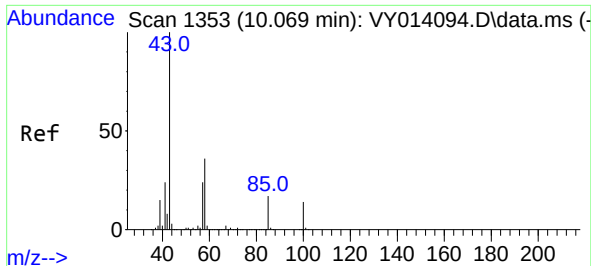
Tgt Ion: 98 Resp: 183657

Ion Ratio Lower Upper

98 100

100 64.1 50.1 75.1

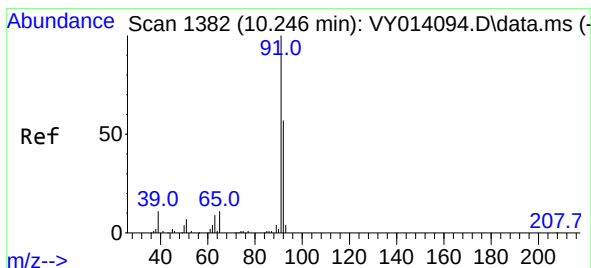
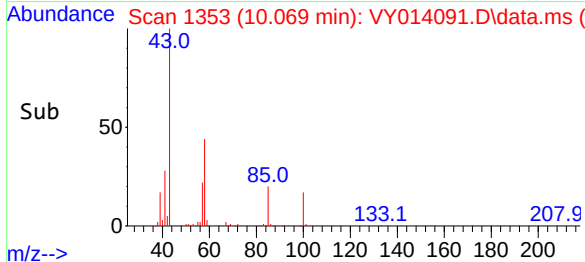
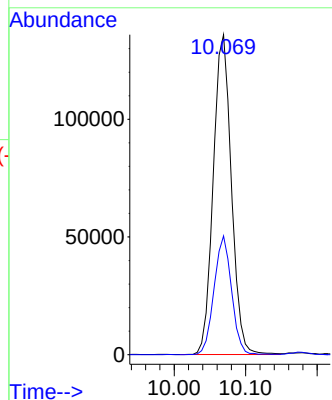
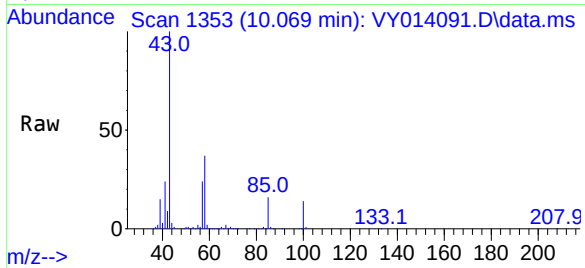




#51
4-Methyl-2-Pentanone
Concen: 101.152 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

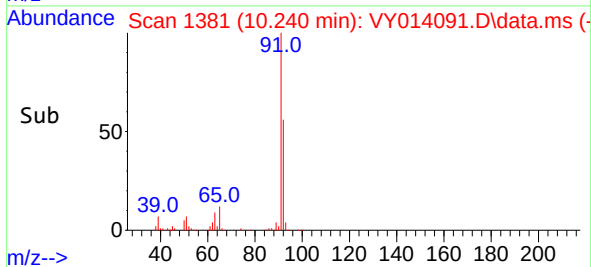
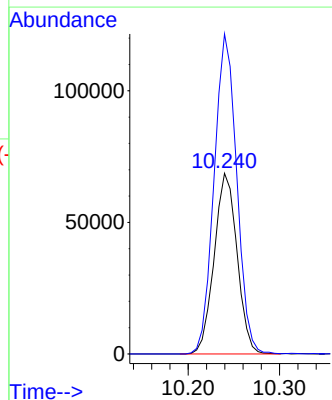
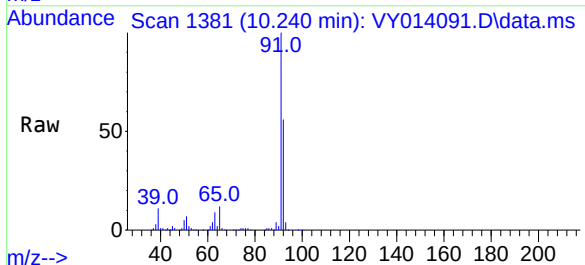
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

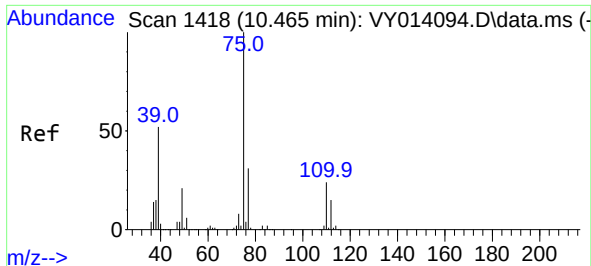
Tgt Ion: 43 Resp: 239441
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6



#52
Toluene
Concen: 17.975 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 92 Resp: 119381
Ion Ratio Lower Upper
92 100
91 175.1 143.8 215.6

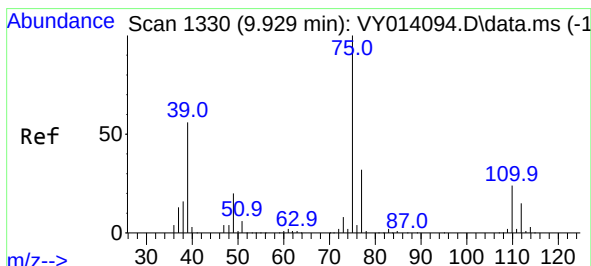
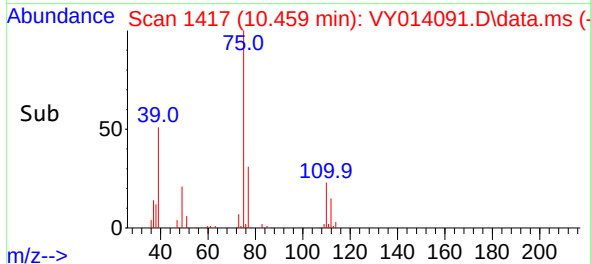
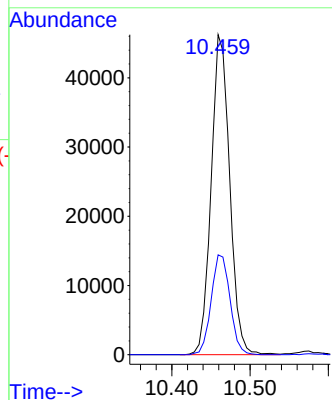
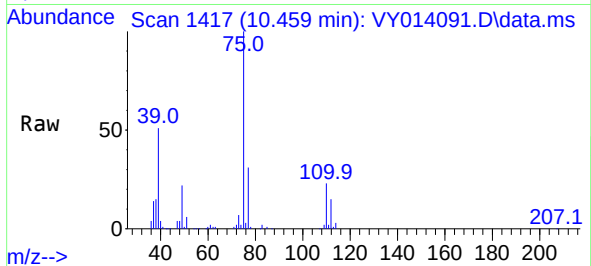




#53
t-1,3-Dichloropropene
Concen: 18.396 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

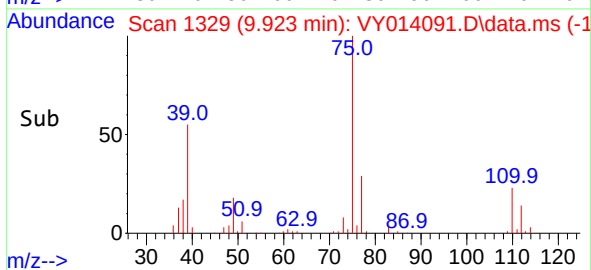
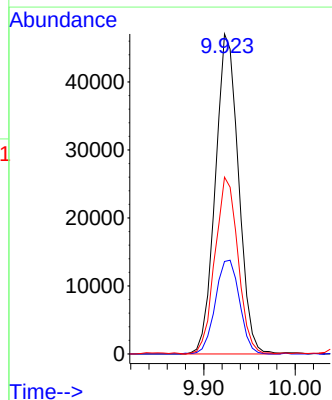
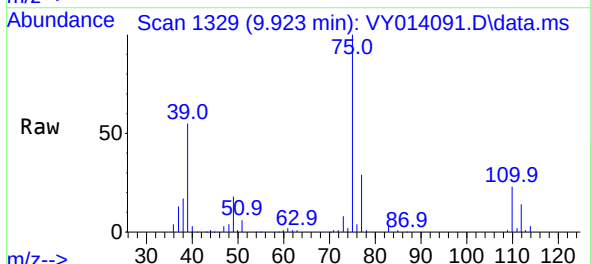
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

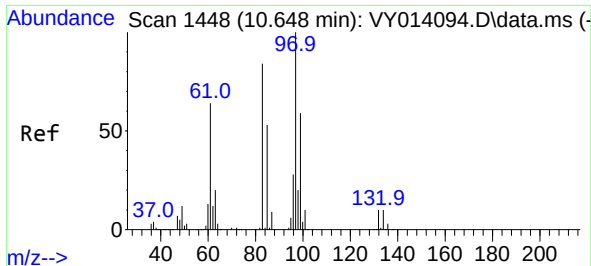
Tgt Ion: 75 Resp: 75954
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.406 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 75 Resp: 82917
Ion Ratio Lower Upper
75 100
77 28.9 24.2 36.4
39 55.1 42.2 63.4



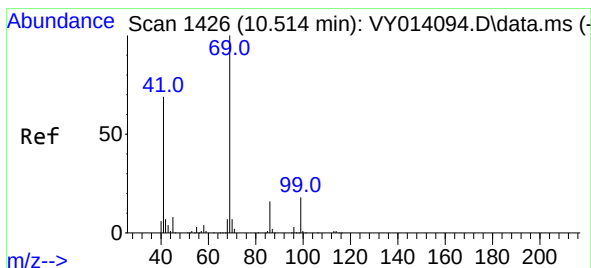
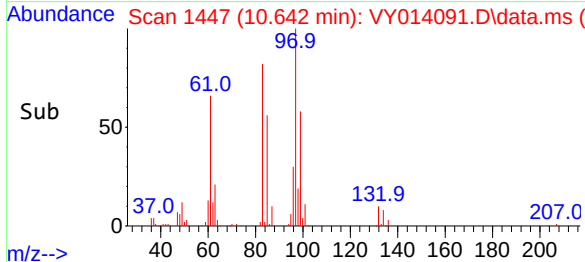
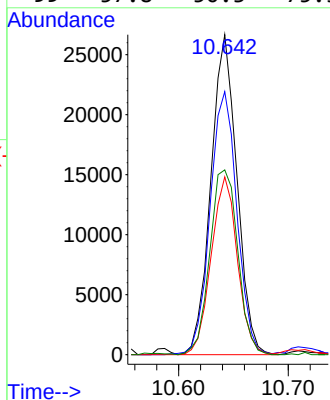
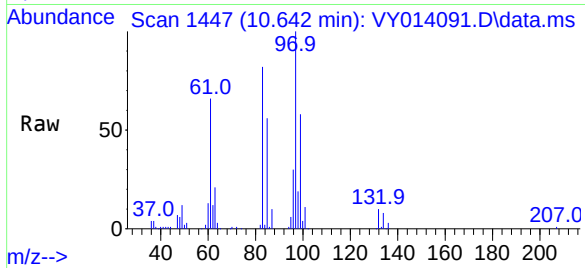


#55
1,1,2-Trichloroethane
Concen: 19.805 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 44002

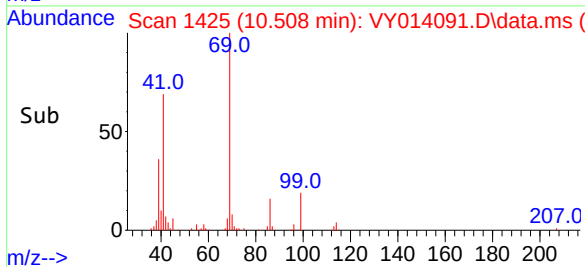
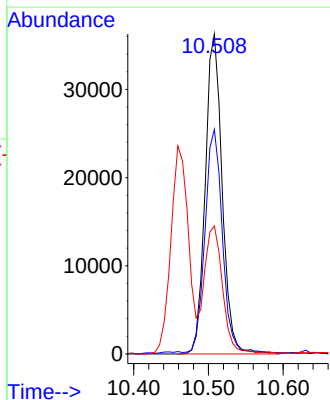
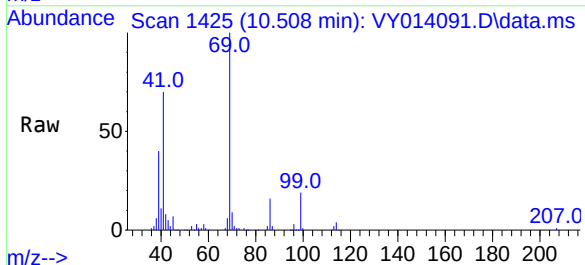
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.0	108.0
85	55.6	45.4	68.0
99	57.8	50.3	75.5

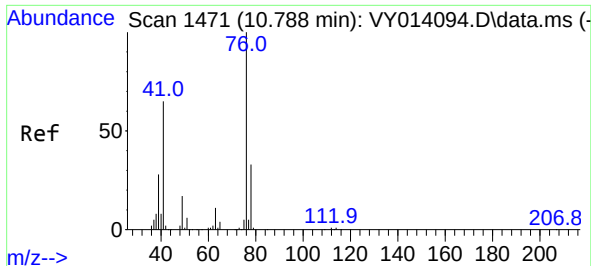


#56
Ethyl methacrylate
Concen: 18.663 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 69 Resp: 57194

Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.6	86.4
39	42.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 18.692 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

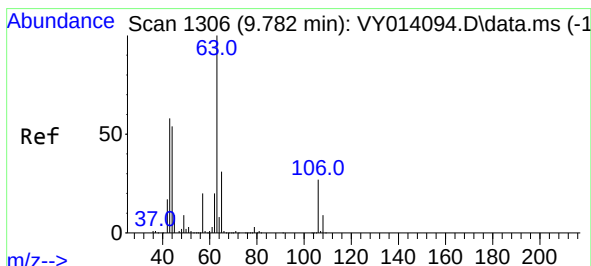
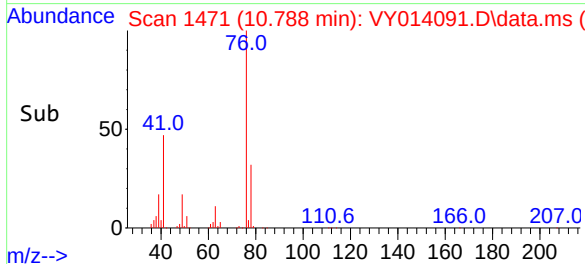
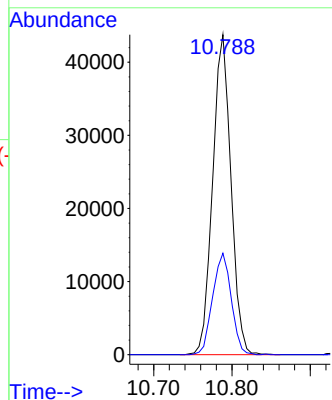
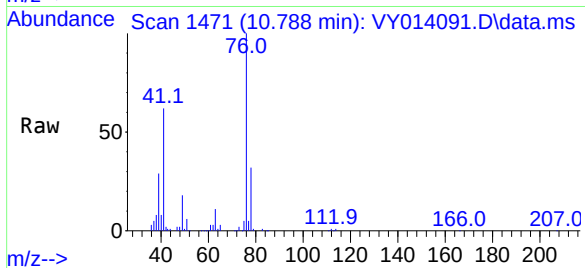
VSTDICC020

Tgt Ion: 76 Resp: 71028

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 82.615 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014091.D

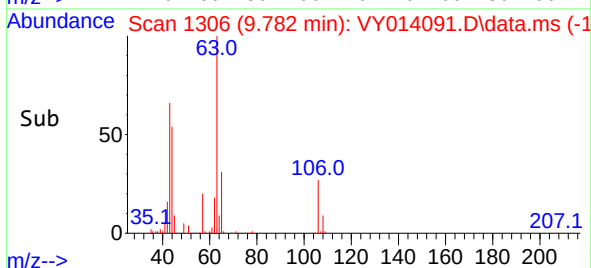
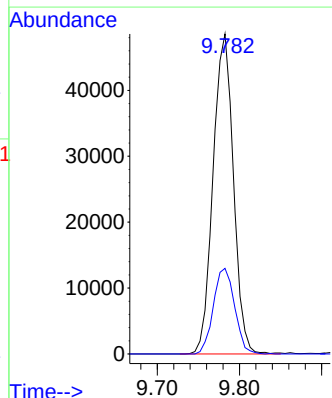
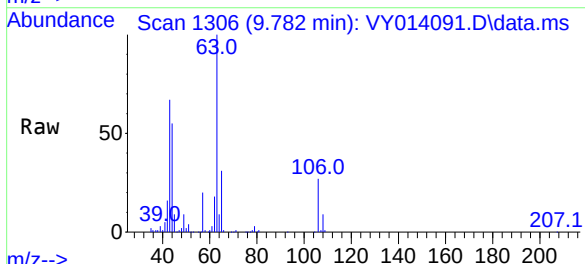
Acq: 09 Jun 2023 11:52

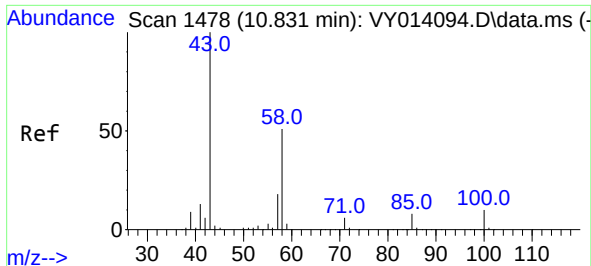
Tgt Ion: 63 Resp: 83499

Ion Ratio Lower Upper

63 100

106 27.9 21.2 31.8

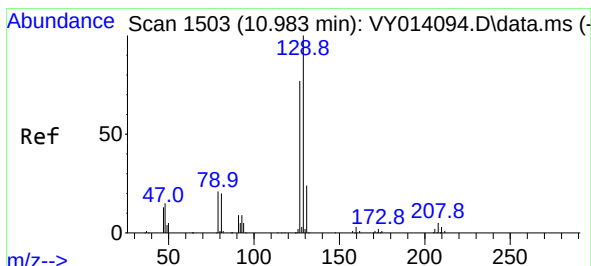
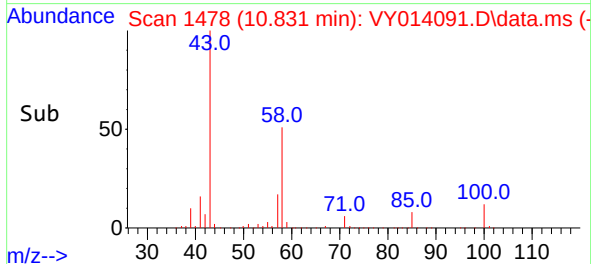
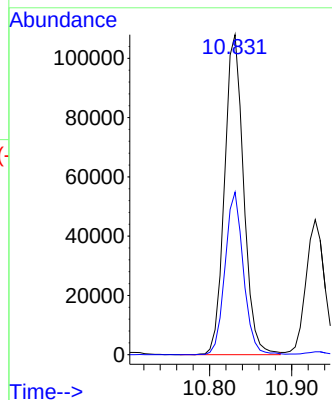
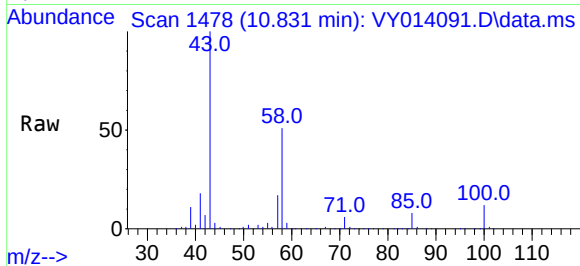




#59
2-Hexanone
Concen: 102.083 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

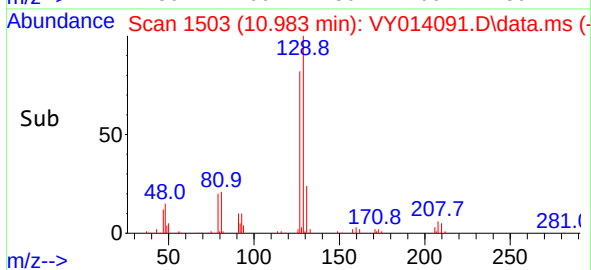
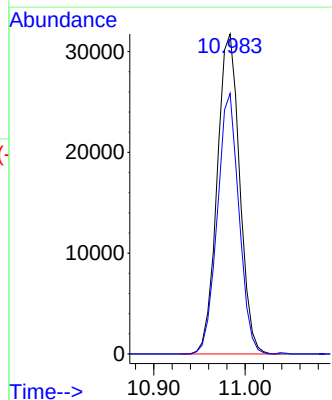
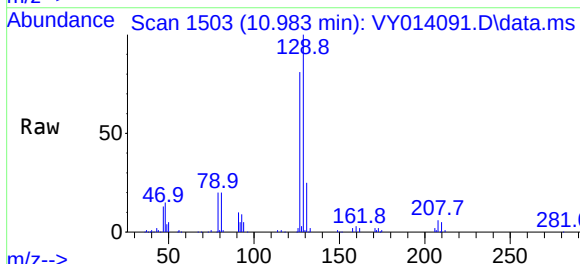
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

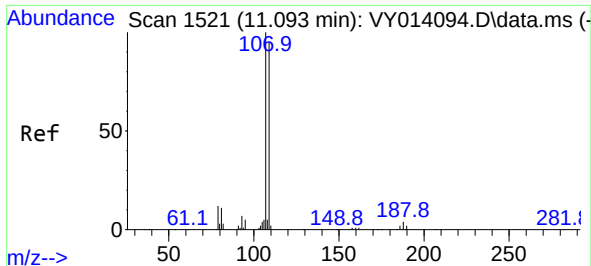
Tgt Ion: 43 Resp: 174530
Ion Ratio Lower Upper
43 100
58 49.0 25.1 75.3



#60
Dibromochloromethane
Concen: 19.092 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 129 Resp: 54291
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

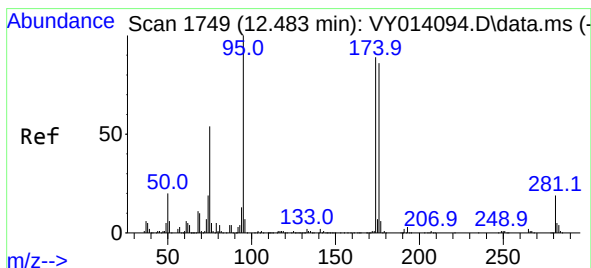
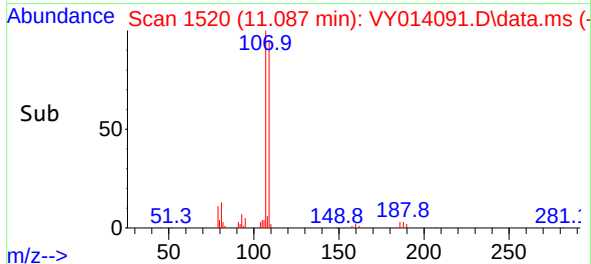
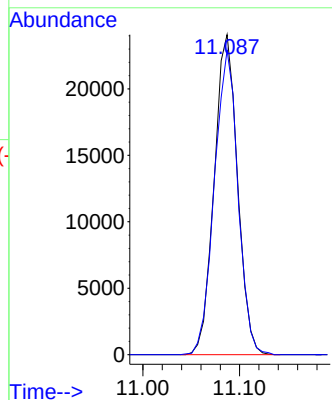
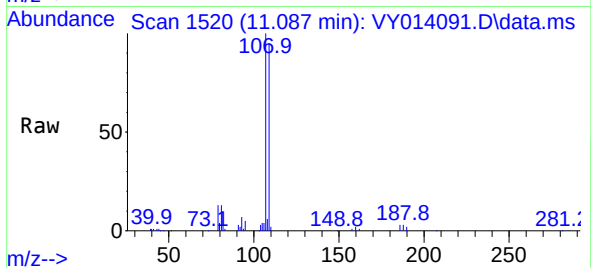




#61
1,2-Dibromoethane
Concen: 18.375 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

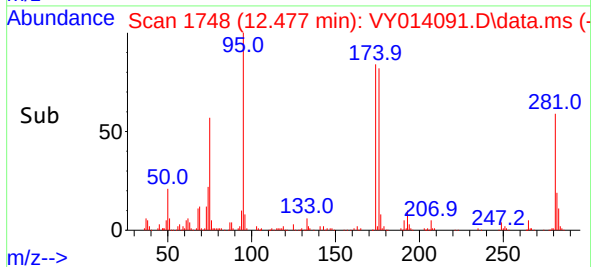
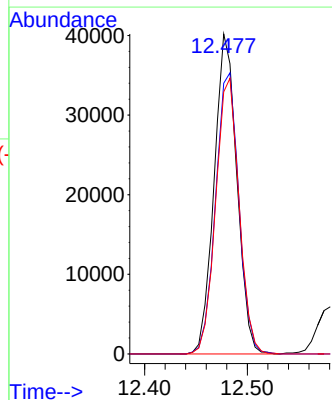
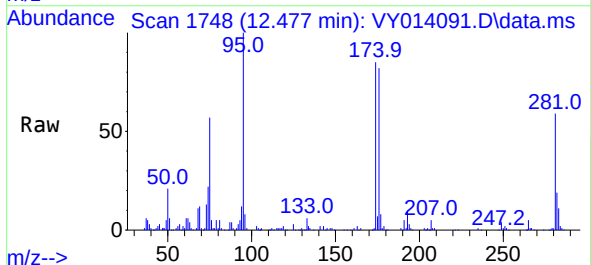
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

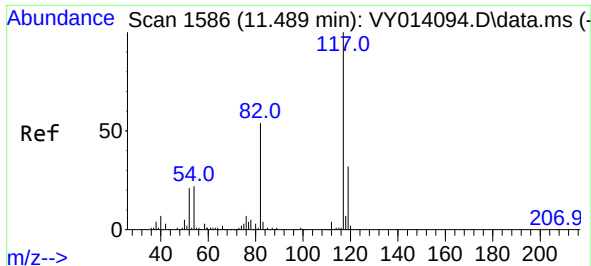
Tgt Ion:107 Resp: 40292
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.083 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 95 Resp: 61639
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.2
176 88.3 0.0 173.8

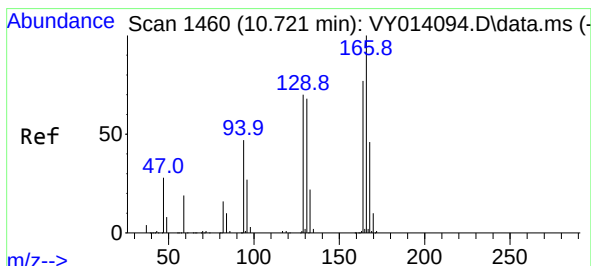
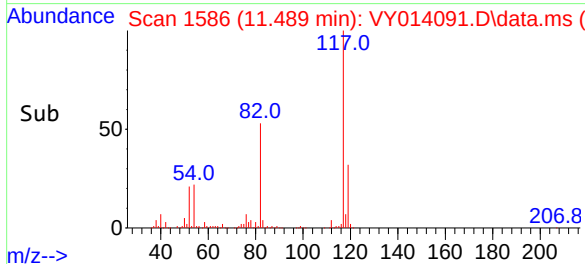
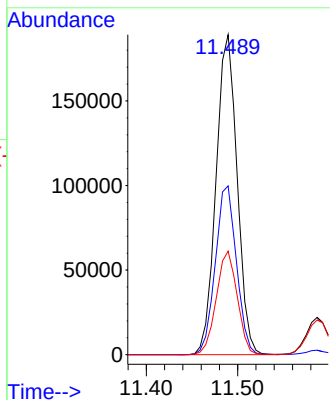
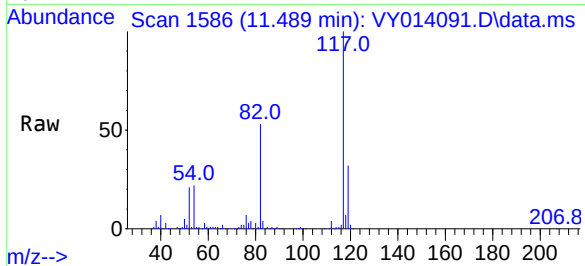




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

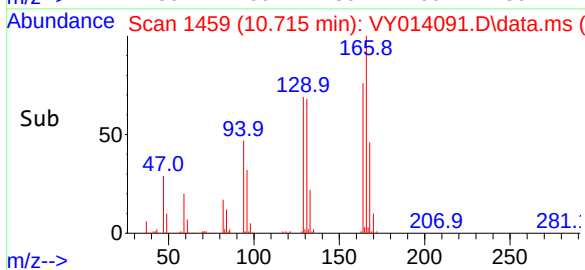
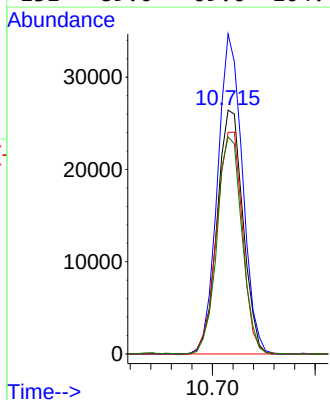
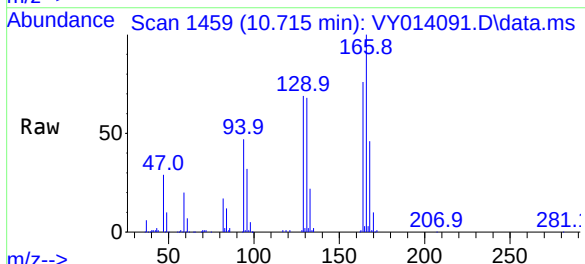
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

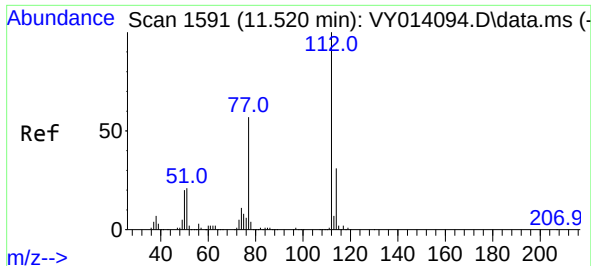
Tgt Ion:117 Resp: 303589
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 17.845 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:164 Resp: 46177
Ion Ratio Lower Upper
164 100
166 131.2 103.0 154.6
129 90.9 77.2 115.8
131 89.0 69.6 104.4

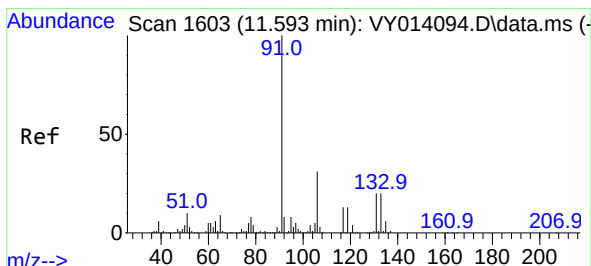
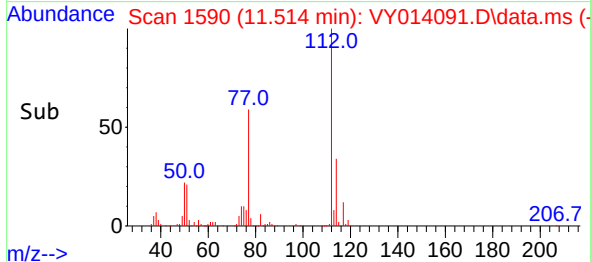
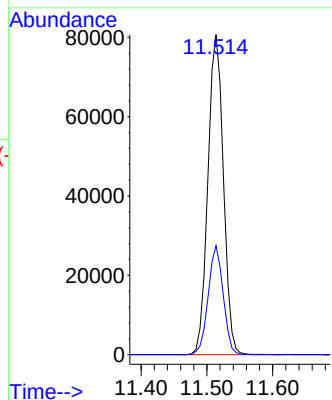
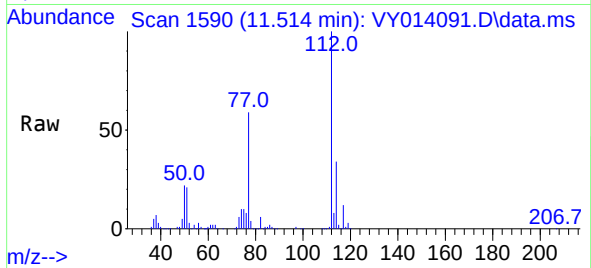




#65
Chlorobenzene
Concen: 18.134 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

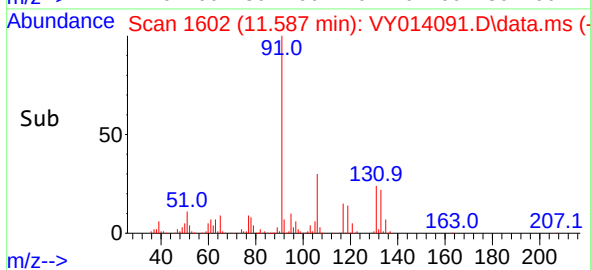
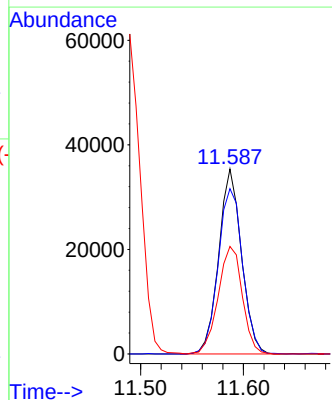
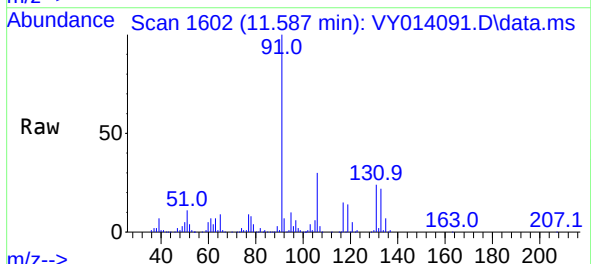
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

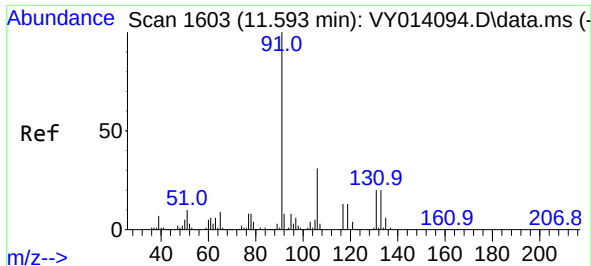
Tgt Ion:112 Resp: 132284
Ion Ratio Lower Upper
112 100
114 34.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.926 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:131 Resp: 54302
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 61.7 31.6 94.7





#67

Ethyl Benzene

Concen: 17.859 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

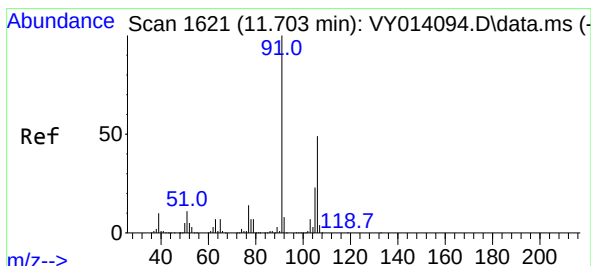
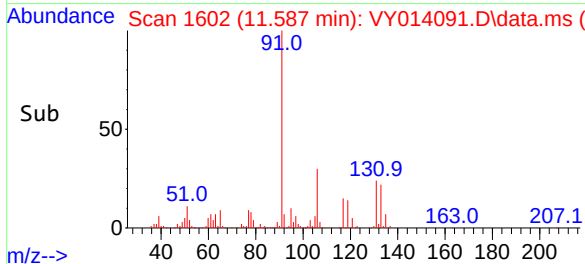
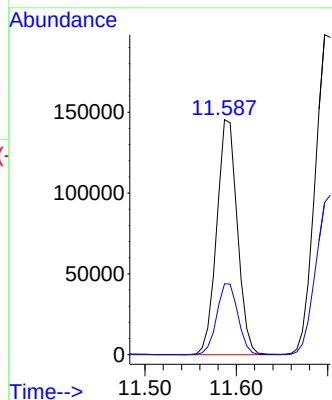
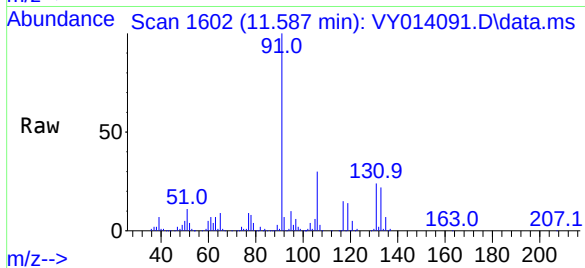
VSTDIC020

Tgt Ion: 91 Resp: 228030

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 36.234 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014091.D

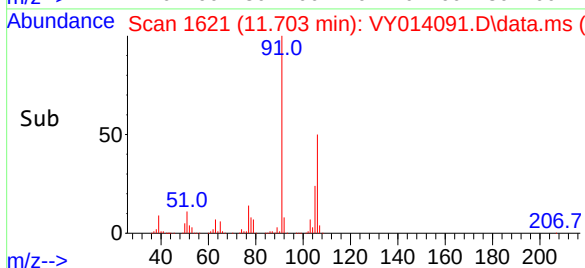
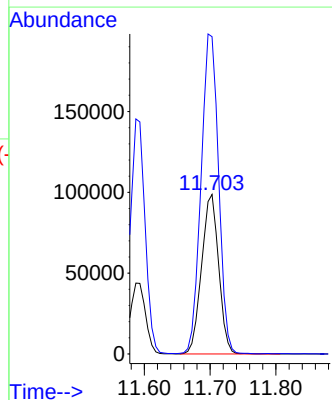
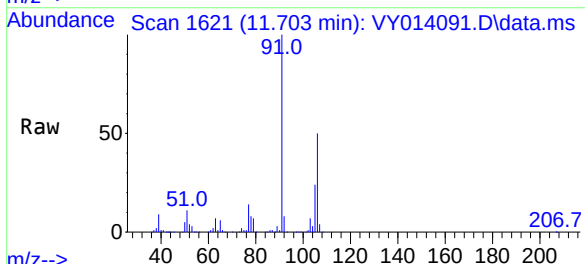
Acq: 09 Jun 2023 11:52

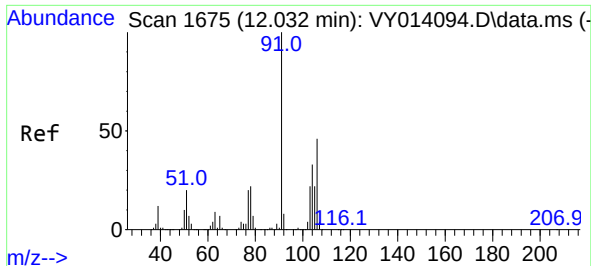
Tgt Ion: 106 Resp: 177957

Ion Ratio Lower Upper

106 100

91 205.0 166.1 249.1

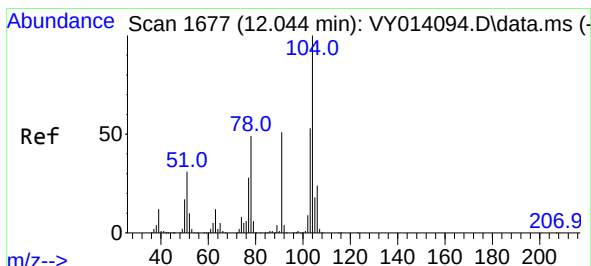
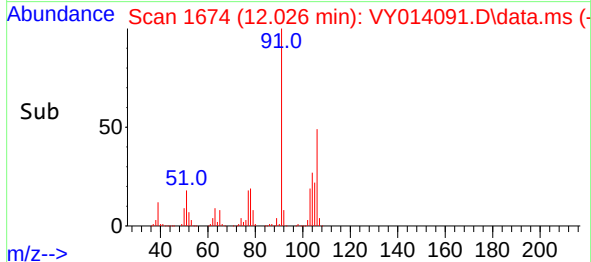
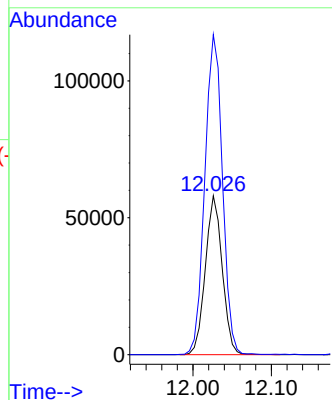
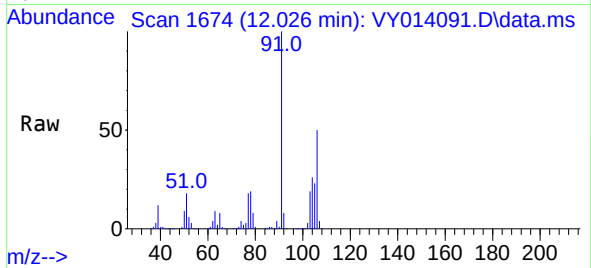




#69
o-Xylene
Concen: 18.711 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

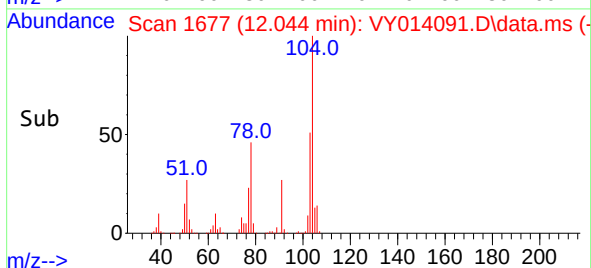
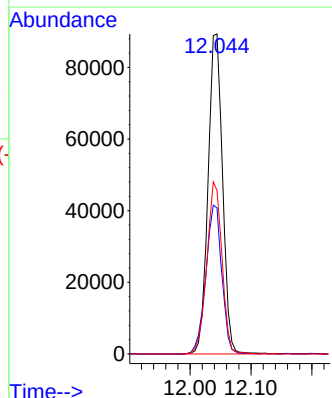
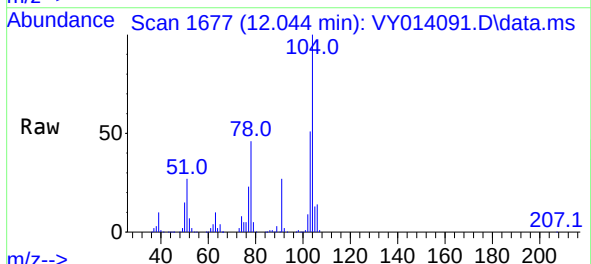
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

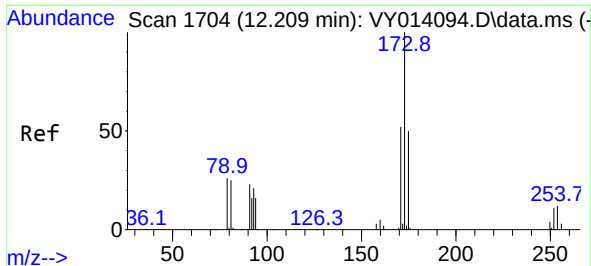
Tgt Ion:106 Resp: 86885
Ion Ratio Lower Upper
106 100
91 210.0 108.1 324.3



#70
Styrene
Concen: 18.689 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:104 Resp: 148114
Ion Ratio Lower Upper
104 100
78 51.1 41.5 62.3
103 56.1 44.6 67.0

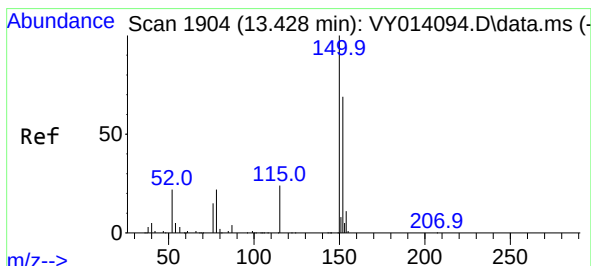
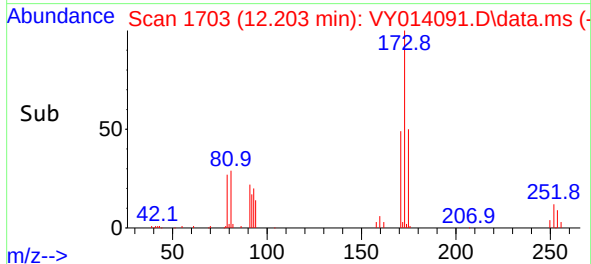
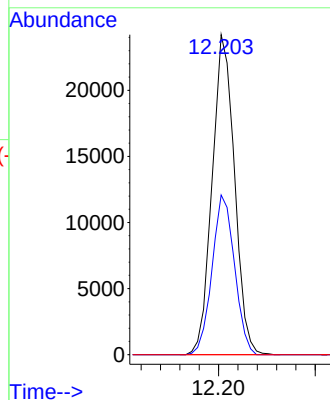
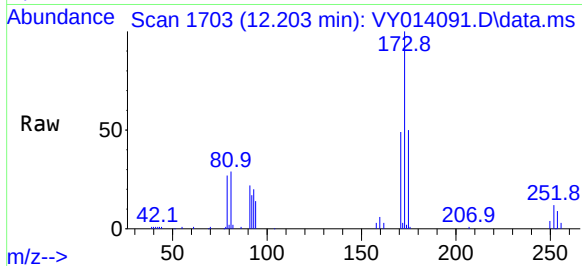




#71
Bromoform
Concen: 19.719 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

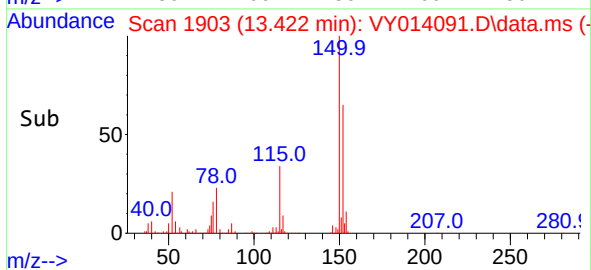
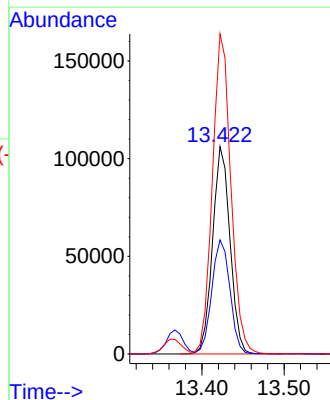
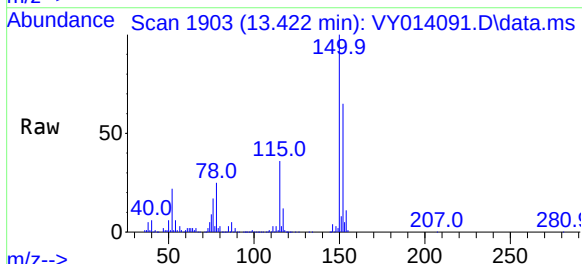
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

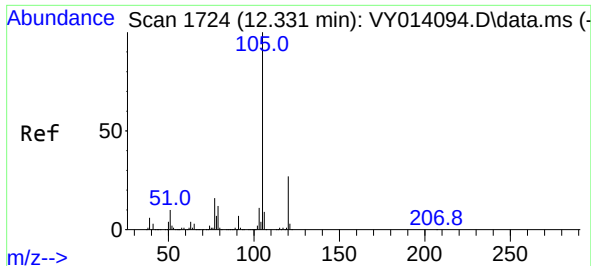
Tgt Ion:173 Resp: 38748
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:152 Resp: 156810
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 162.9 0.0 348.8

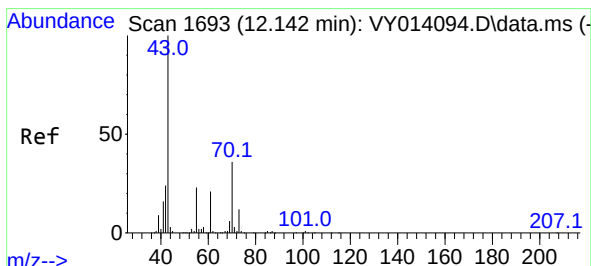
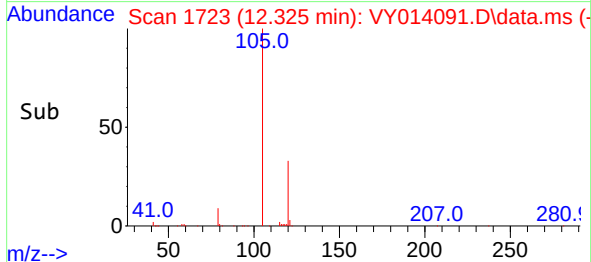
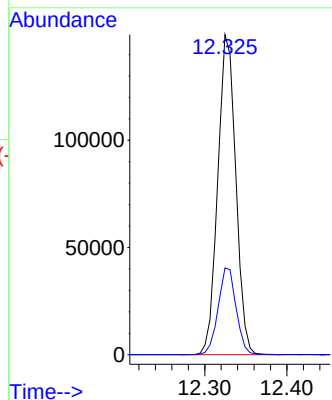
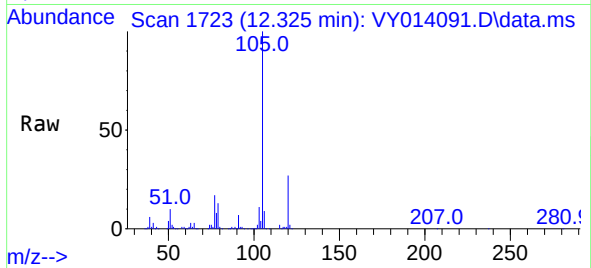




#73
Isopropylbenzene
Concen: 18.965 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

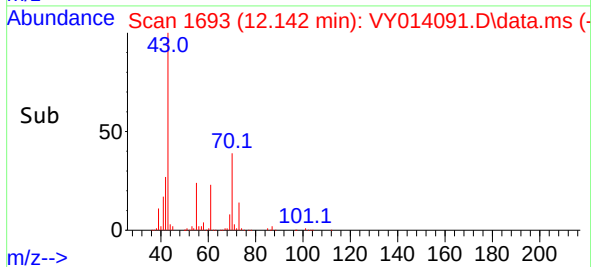
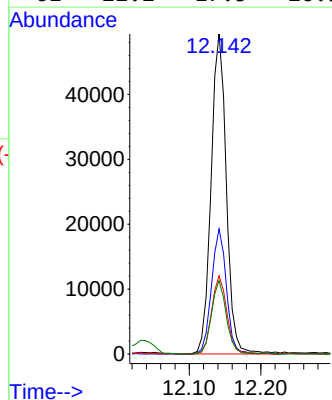
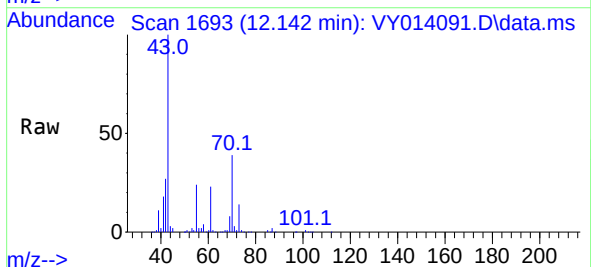
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

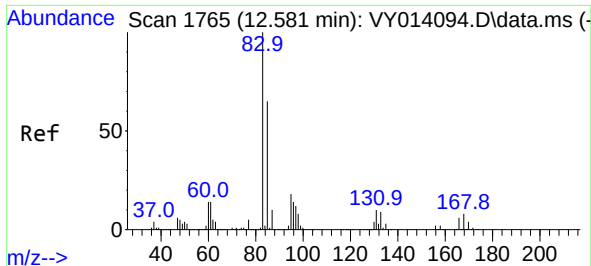
Tgt Ion:105 Resp: 226866
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 19.299 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 43 Resp: 73160
Ion Ratio Lower Upper
43 100
70 37.9 29.7 44.5
55 24.2 18.3 27.5
61 22.2 17.5 26.3

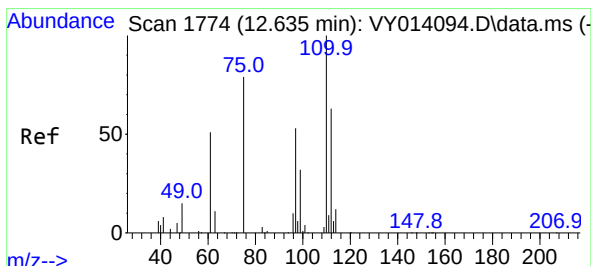
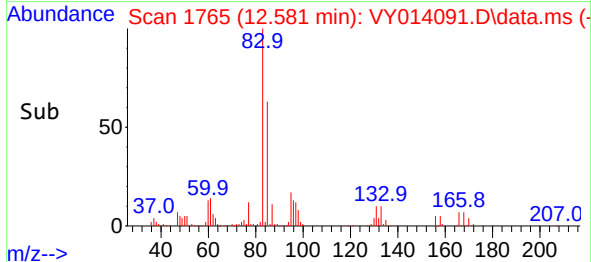
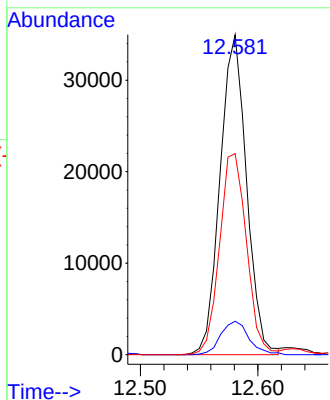
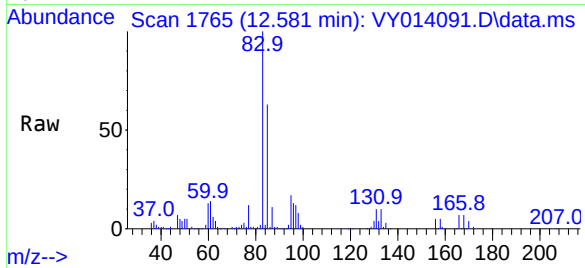




#75
1,1,2,2-Tetrachloroethane
Concen: 20.512 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

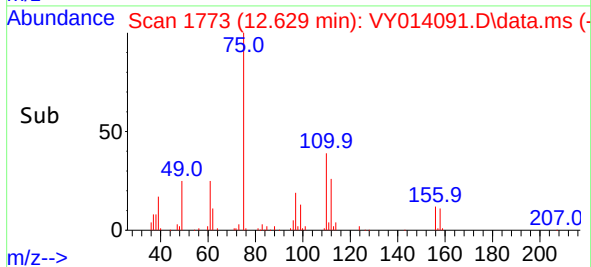
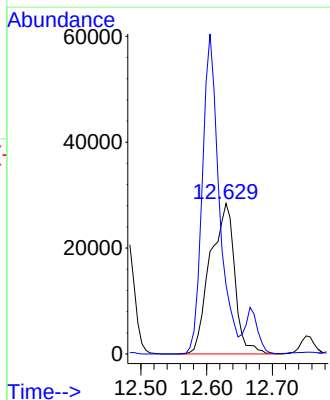
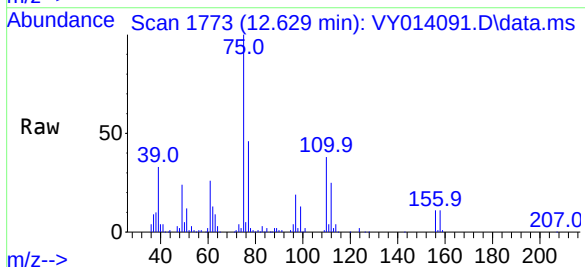
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

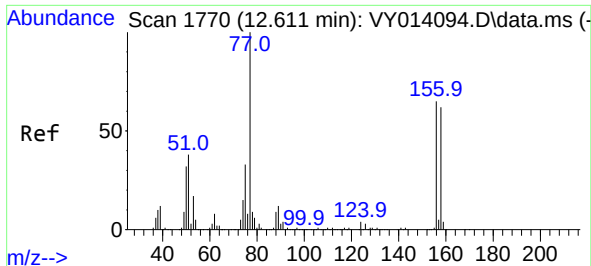
Tgt Ion: 83 Resp: 54829
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 36.943 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 75 Resp: 73800
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

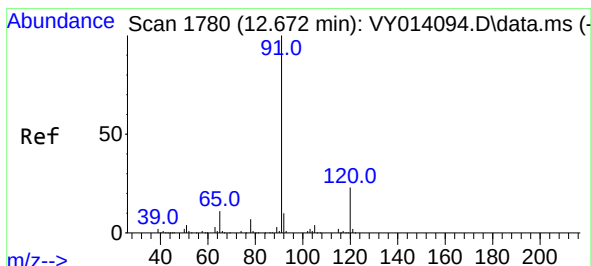
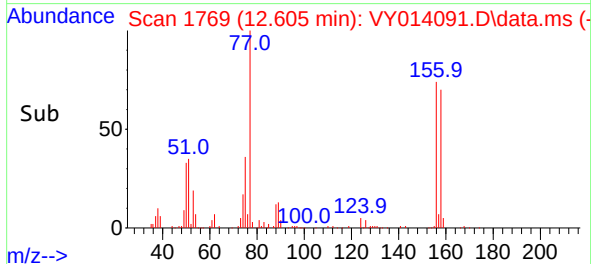
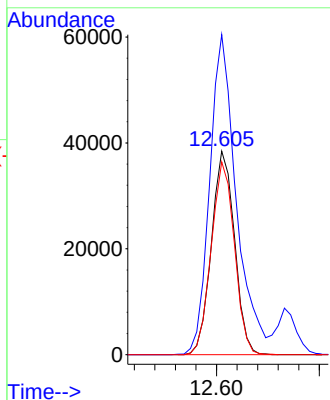
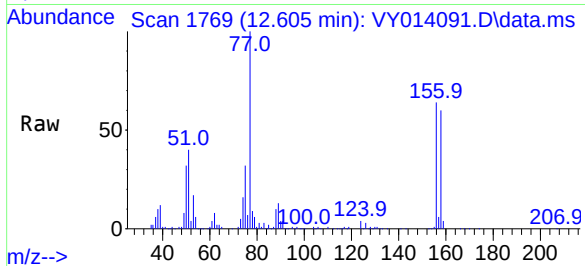




#77
Bromobenzene
Concen: 19.077 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

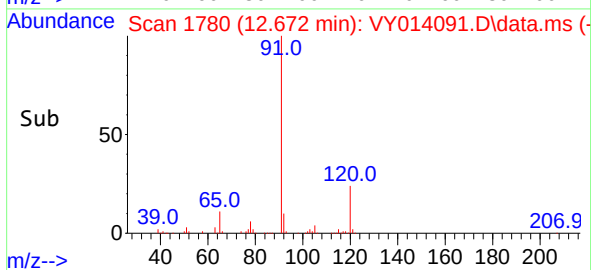
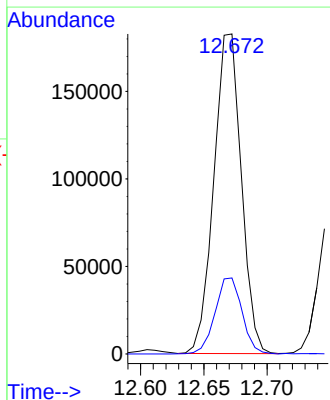
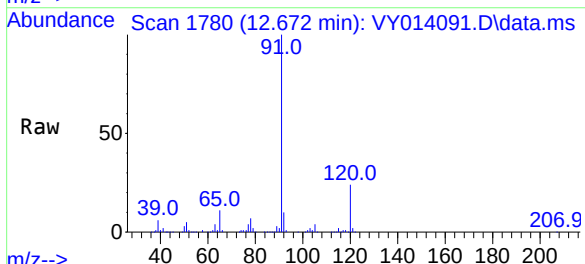
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

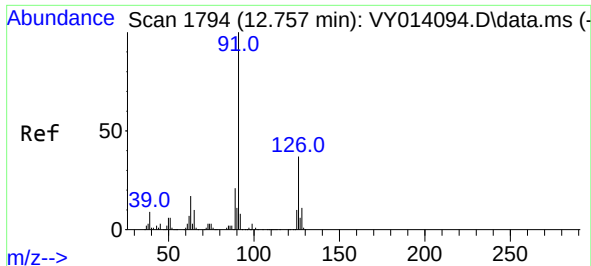
Tgt Ion:156 Resp: 59980
Ion Ratio Lower Upper
156 100
77 180.5 92.8 278.6
158 95.1 48.4 145.3



#78
n-propylbenzene
Concen: 18.864 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 91 Resp: 275622
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.139 ug/l

RT: 12.751 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

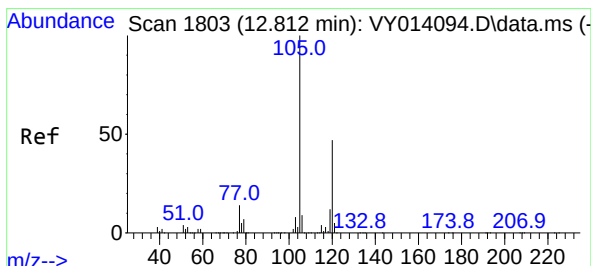
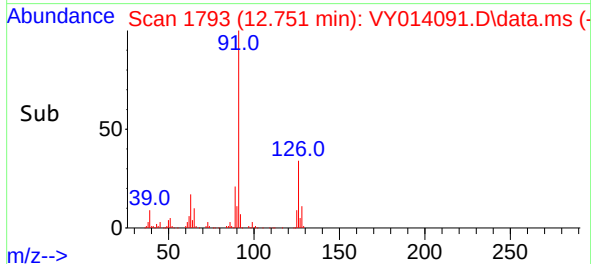
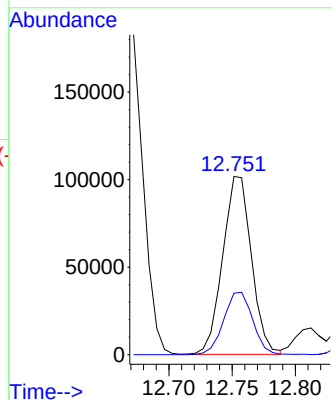
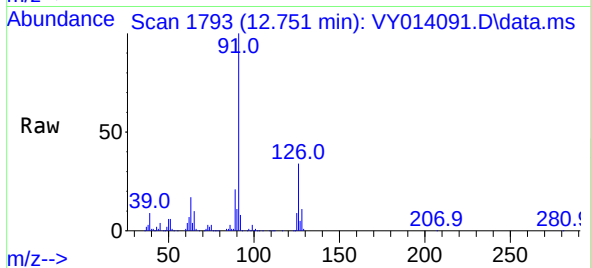
VSTDICC020

Tgt Ion: 91 Resp: 160902

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 18.774 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014091.D

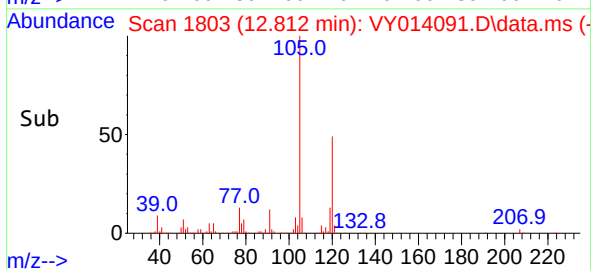
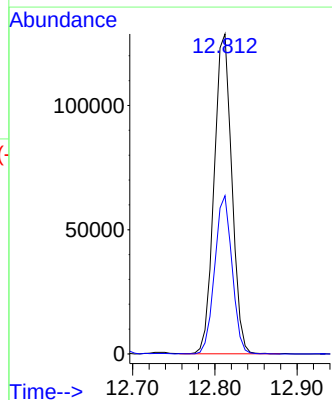
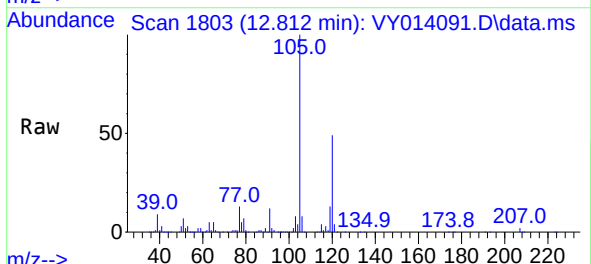
Acq: 09 Jun 2023 11:52

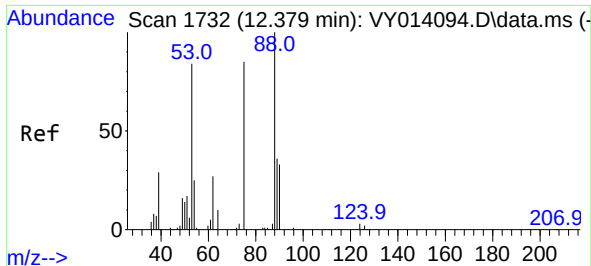
Tgt Ion:105 Resp: 192301

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.7

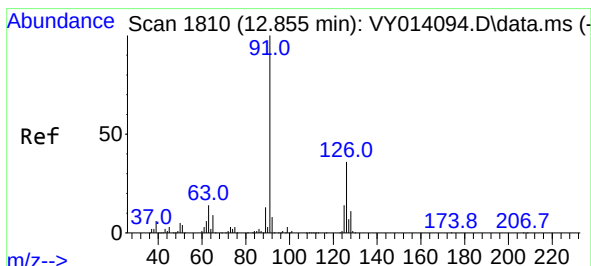
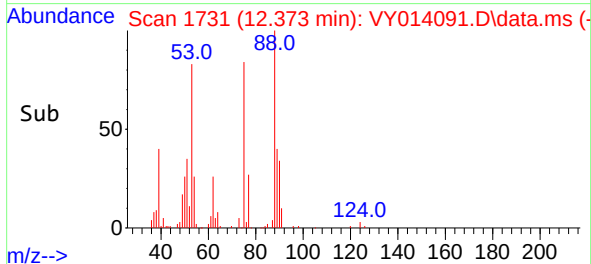
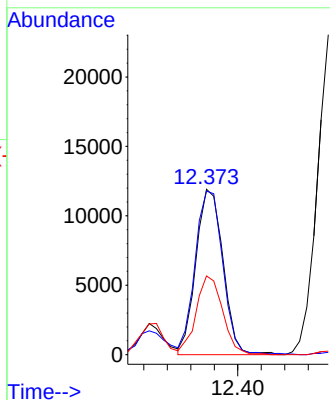
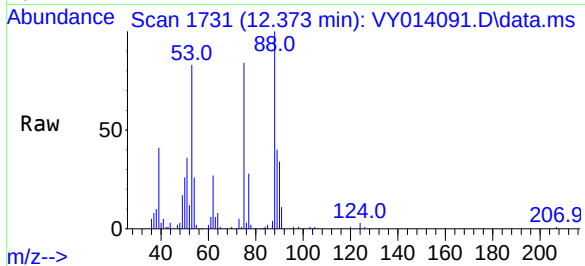




#81
trans-1,4-Dichloro-2-butene
Concen: 20.110 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

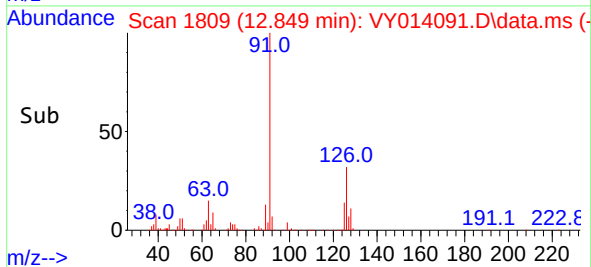
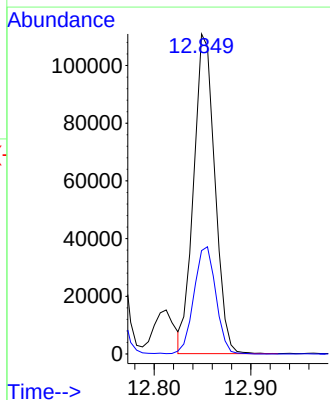
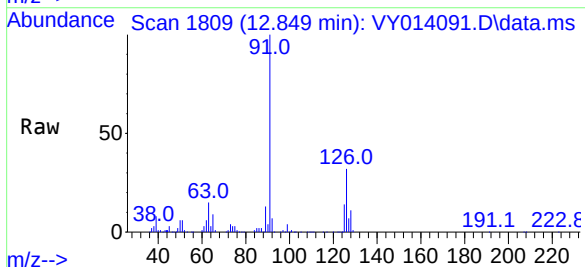
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

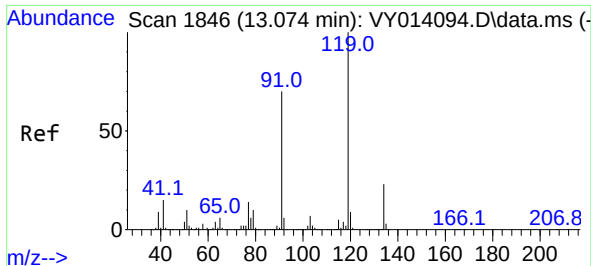
Tgt Ion: 75 Resp: 19140
Ion Ratio Lower Upper
75 100
53 101.0 77.8 116.8
89 46.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.933 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion: 91 Resp: 168674
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

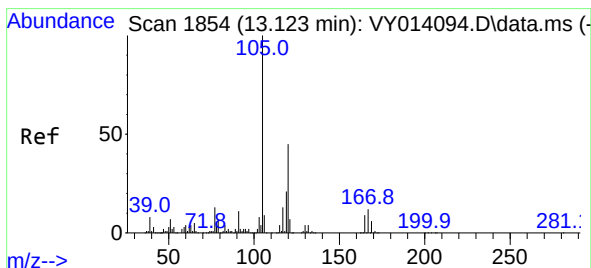
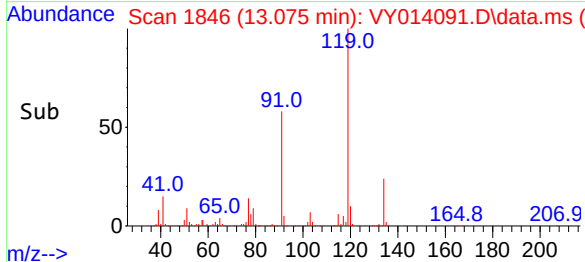
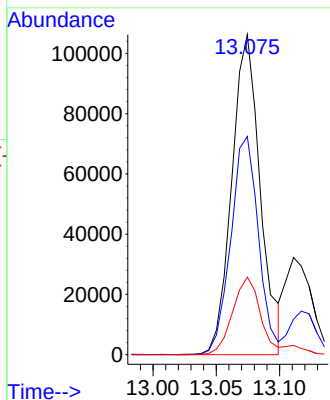
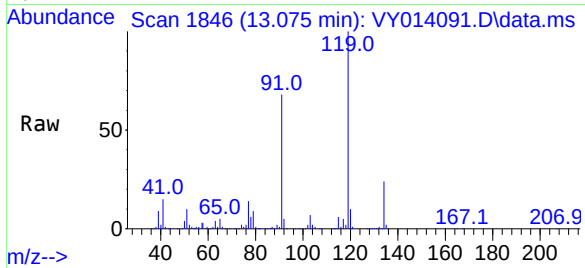




#83
tert-Butylbenzene
Concen: 19.141 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

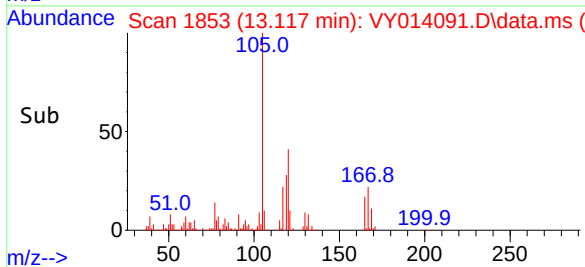
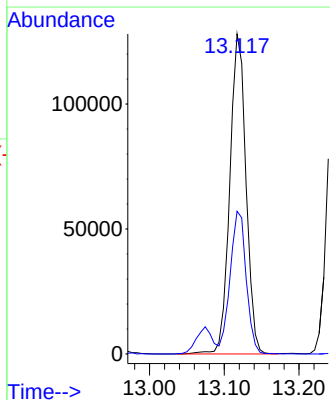
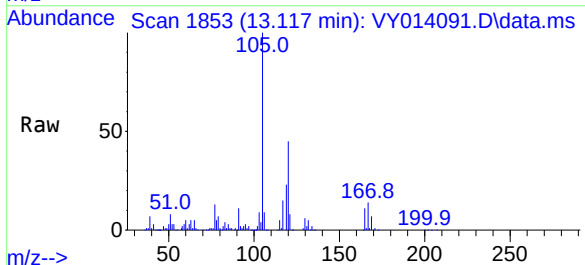
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

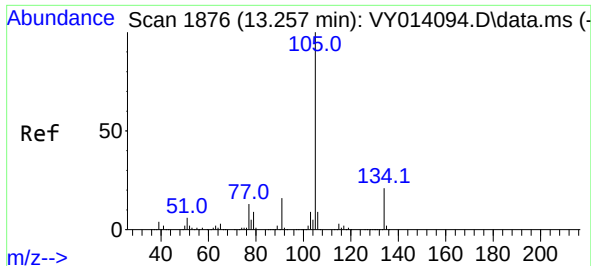
Tgt Ion:119 Resp: 166611
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.6
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.059 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:105 Resp: 193238
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6

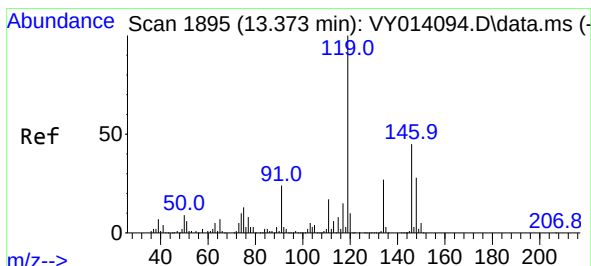
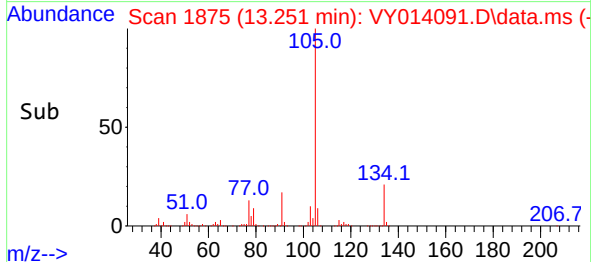
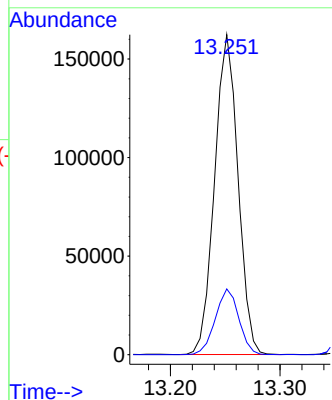
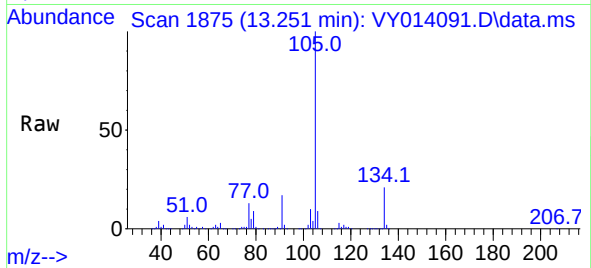




#85
sec-Butylbenzene
Concen: 19.050 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

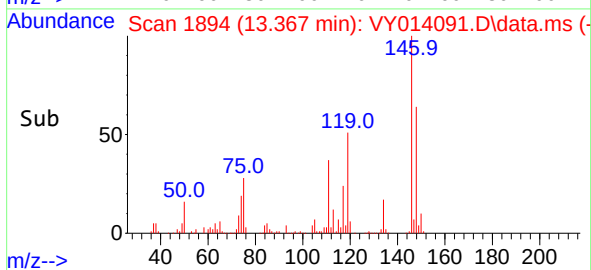
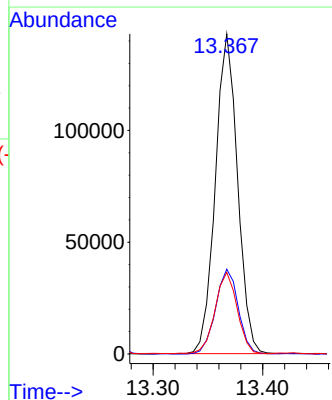
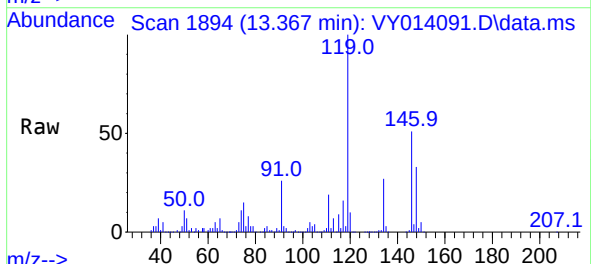
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

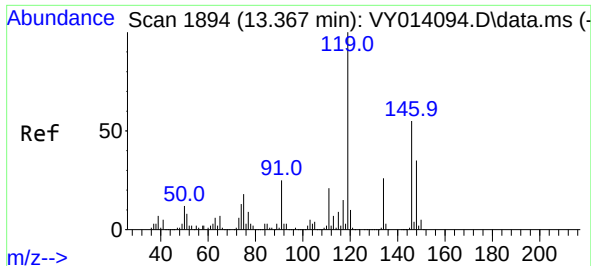
Tgt Ion:105 Resp: 241070
Ion Ratio Lower Upper
105 100
134 20.7 10.2 30.6



#86
p-Isopropyltoluene
Concen: 18.583 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:119 Resp: 201268
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.8
91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.306 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

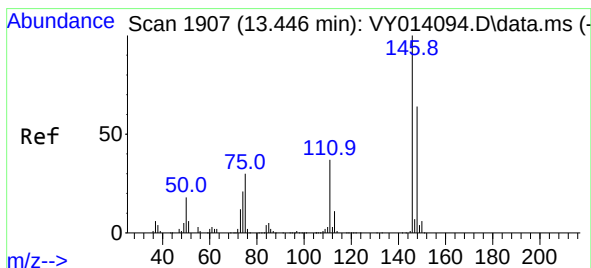
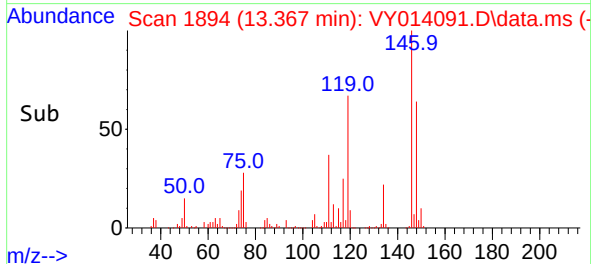
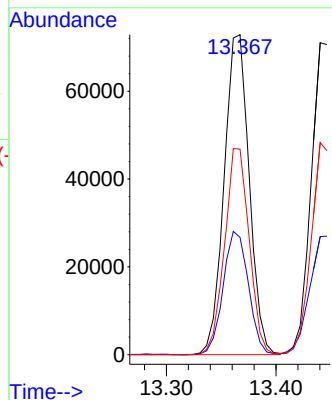
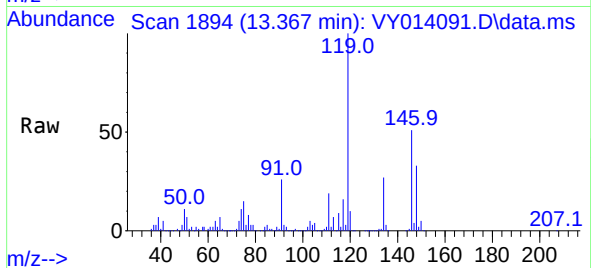
Tgt Ion:146 Resp: 115895

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 18.695 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

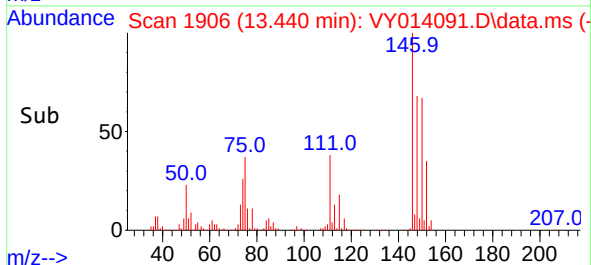
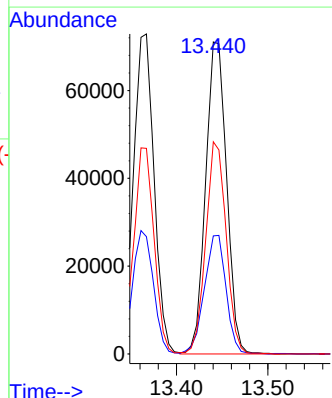
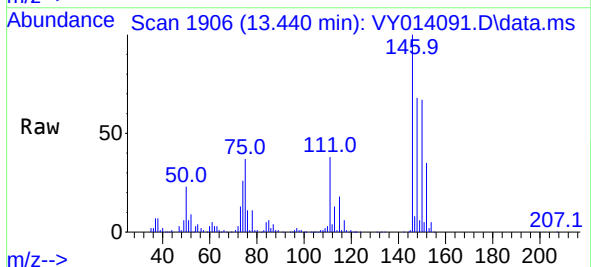
Tgt Ion:146 Resp: 113070

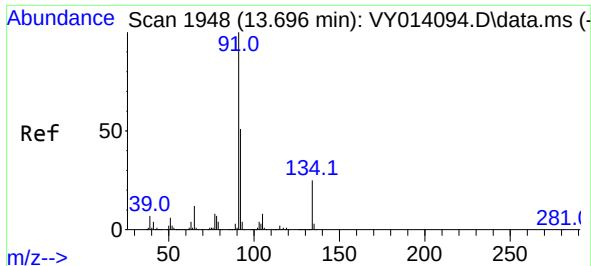
Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.7

148 66.3 32.1 96.5





#89

n-Butylbenzene

Concen: 18.721 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014091.D

Acq: 09 Jun 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

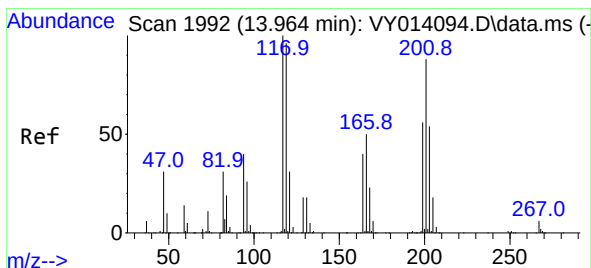
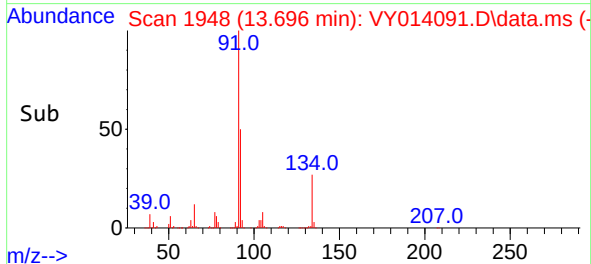
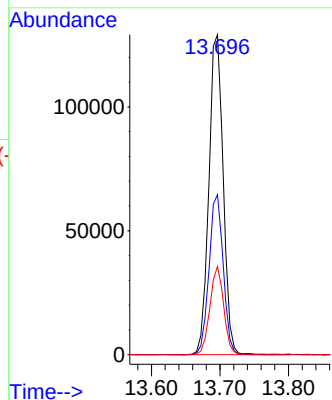
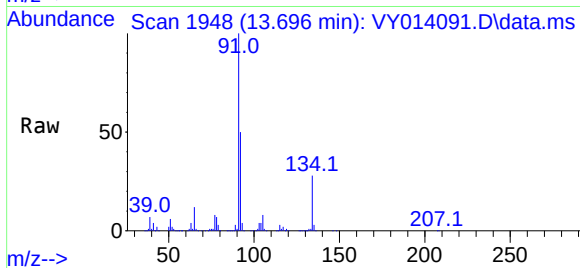
Tgt Ion: 91 Resp: 188059

Ion Ratio Lower Upper

91 100

92 49.7 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 19.114 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY014091.D

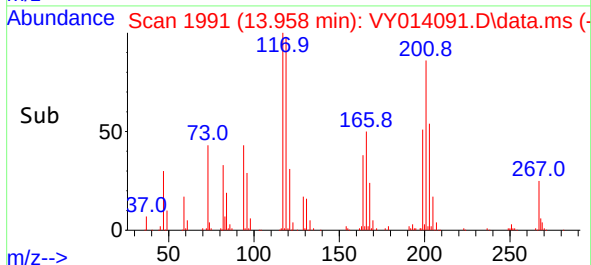
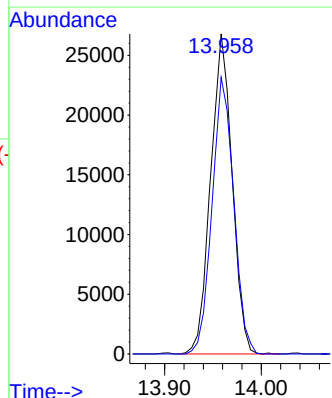
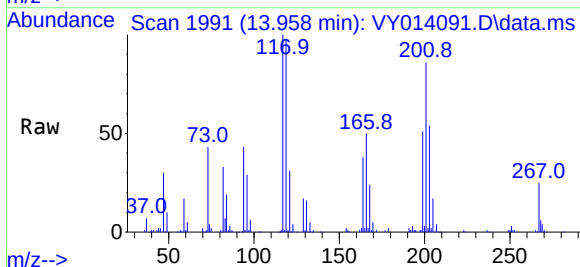
Acq: 09 Jun 2023 11:52

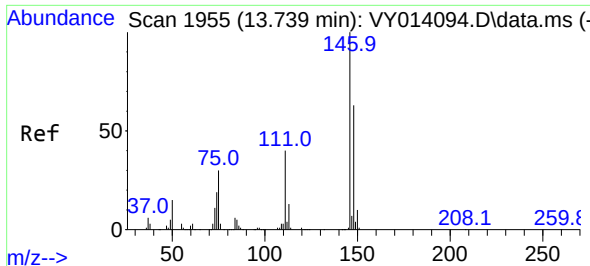
Tgt Ion: 117 Resp: 41251

Ion Ratio Lower Upper

117 100

201 87.0 41.6 124.8



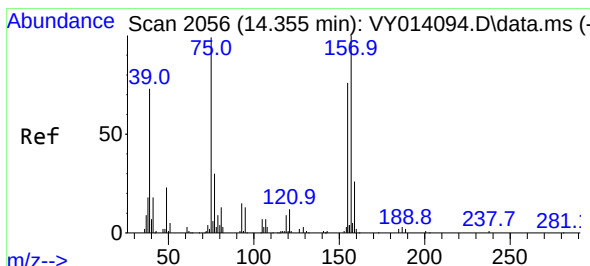
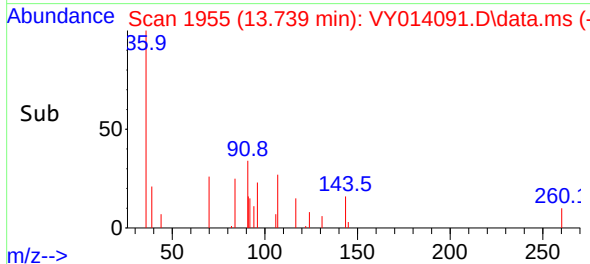
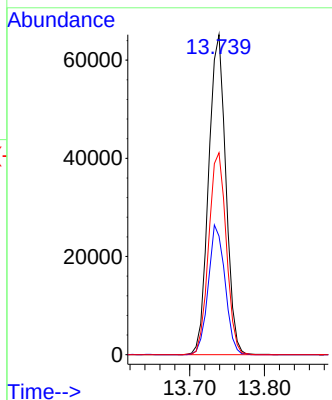
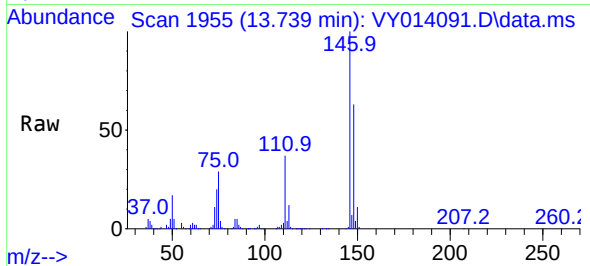


#91
 1,2-Dichlorobenzene
 Concen: 19.313 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014091.D
 Acq: 09 Jun 2023 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 104129

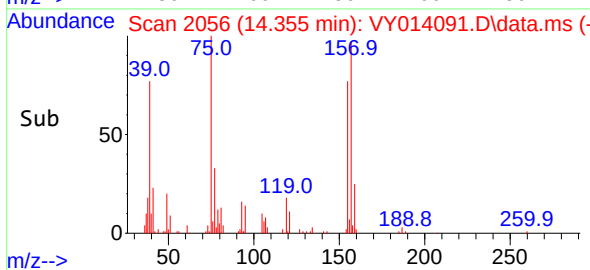
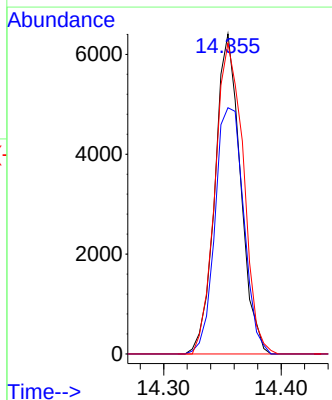
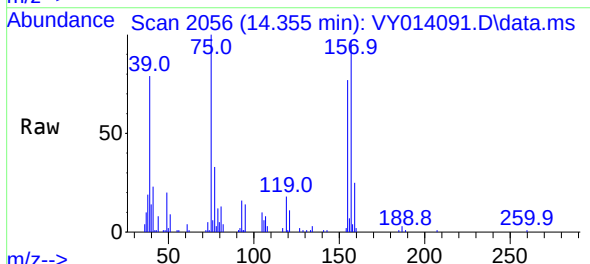
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	64.4	32.0	96.2

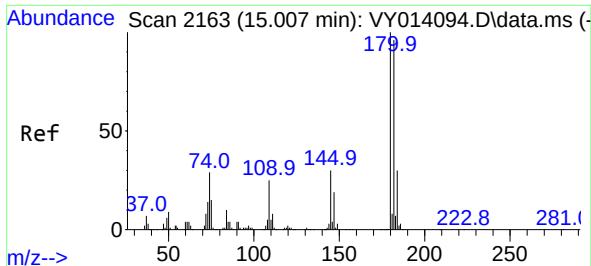


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.991 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY014091.D
 Acq: 09 Jun 2023 11:52

Tgt Ion: 75 Resp: 9667

Ion	Ratio	Lower	Upper
75	100		
155	86.4	41.5	124.6
157	107.6	51.8	155.5

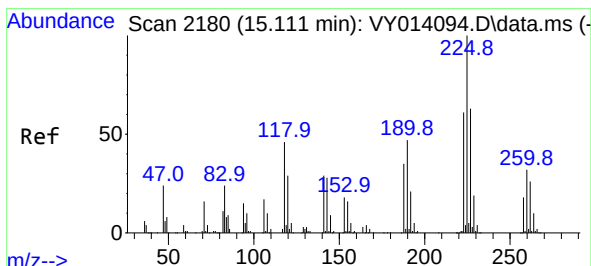
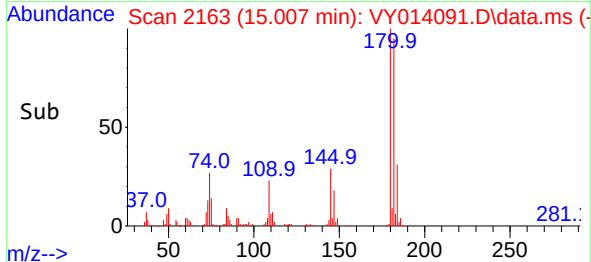
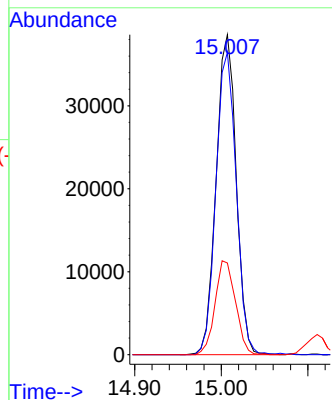
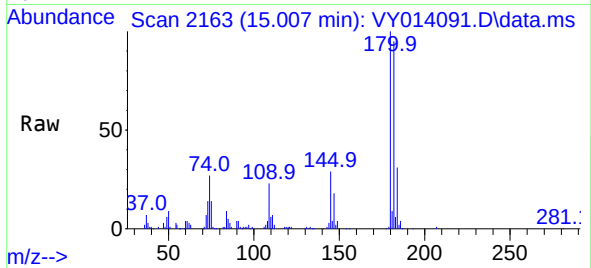




#93
1,2,4-Trichlorobenzene
Concen: 18.169 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

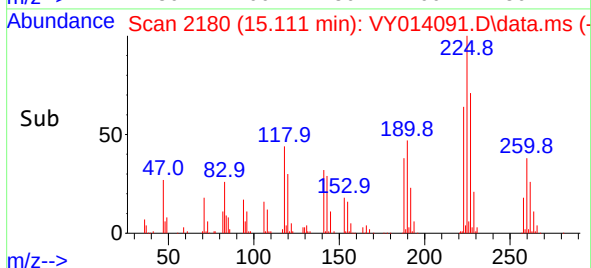
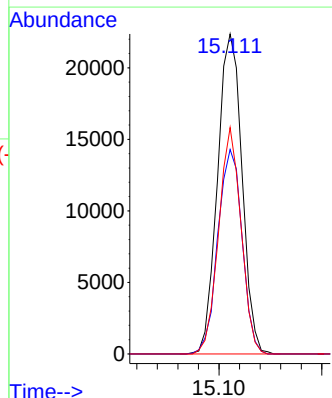
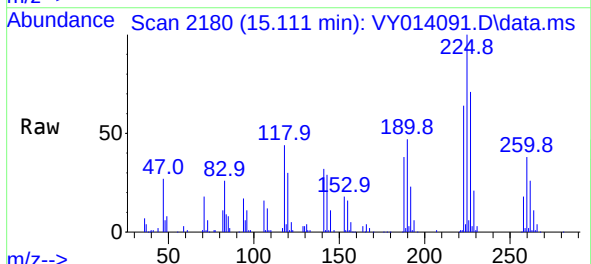
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

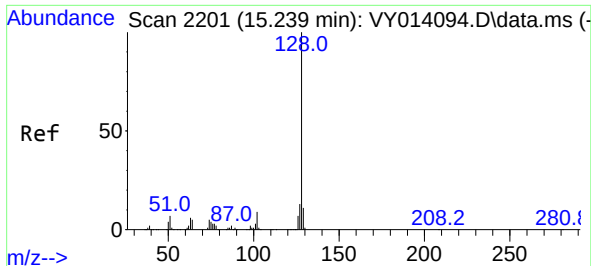
Tgt Ion:180 Resp: 62057
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.2
145 29.9 14.5 43.5



#94
Hexachlorobutadiene
Concen: 18.718 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:225 Resp: 36908
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.9
227 64.7 33.0 98.9



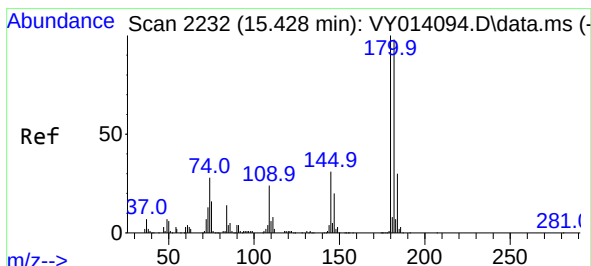
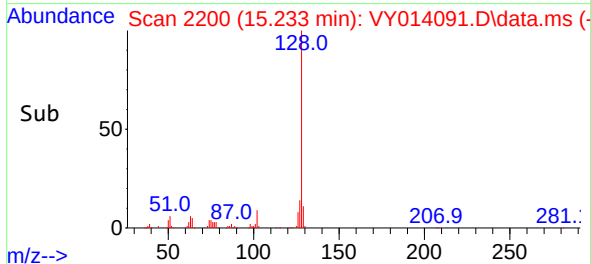
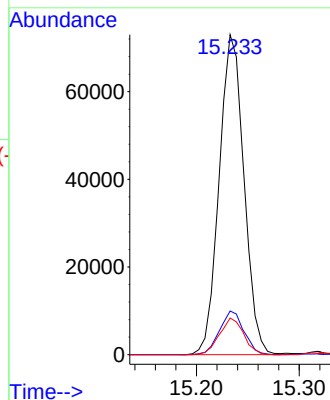
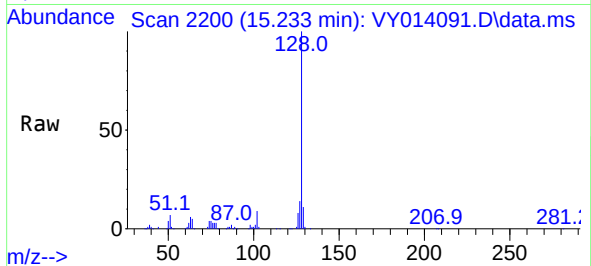


#95
Naphthalene
Concen: 17.642 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 122306

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	11.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.129 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014091.D
Acq: 09 Jun 2023 11:52

Tgt Ion:180 Resp: 55950

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.8
145	30.5	15.4	46.2

