

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012511.D
 Acq On : 07 Feb 2023 10:59
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 07 21:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	149236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	35715	18.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.640%#
35) Dibromofluoromethane	7.716	113	31011	19.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.720%#
50) Toluene-d8	10.179	98	127298	19.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.180%#
62) 4-Bromofluorobenzene	12.483	95	43934	18.891	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	37.780%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	26341	23.079	ug/l	99
3) Chloromethane	2.113	50	24340	20.933	ug/l	98
4) Vinyl Chloride	2.253	62	29905	20.643	ug/l	96
5) Bromomethane	2.644	94	23632	20.654	ug/l	98
6) Chloroethane	2.790	64	21260	21.084	ug/l	98
7) Trichlorofluoromethane	3.125	101	59870	20.107	ug/l	99
8) Diethyl Ether	3.528	74	17450	19.764	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	30100	20.019	ug/l	99
10) Methyl Iodide	4.095	142	39761	20.398	ug/l	100
11) Tert butyl alcohol	4.942	59	21892	114.570	ug/l	95
12) 1,1-Dichloroethene	3.875	96	29976	20.177	ug/l	95
13) Acrolein	3.729	56	21336	95.636	ug/l	98
14) Allyl chloride	4.485	41	35590	19.647	ug/l	99
15) Acrylonitrile	5.155	53	39392	96.706	ug/l	99
16) Acetone	3.948	43	41650	91.187	ug/l	96
17) Carbon Disulfide	4.192	76	81683	21.197	ug/l	99
18) Methyl Acetate	4.479	43	20464	18.640	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	83003	19.093	ug/l	96
20) Methylene Chloride	4.716	84	39468	20.656	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	32833	20.264	ug/l	99
22) Diisopropyl ether	6.119	45	74505	20.228	ug/l	98
23) Vinyl Acetate	6.064	43	219298	98.763	ug/l	99
24) 1,1-Dichloroethane	6.015	63	52165	19.811	ug/l	96
25) 2-Butanone	6.984	43	47491	93.713	ug/l	96
26) 2,2-Dichloropropane	6.978	77	56220	19.433	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	36961	19.657	ug/l	99
28) Bromochloromethane	7.332	49	19137	19.994	ug/l	97
29) Tetrahydrofuran	7.350	42	25939	94.679	ug/l	98
30) Chloroform	7.509	83	61745	19.450	ug/l	97
31) Cyclohexane	7.783	56	43890	20.004	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	60727	19.713	ug/l	100
36) 1,1-Dichloropropene	7.917	75	43614	20.117	ug/l	99
37) Ethyl Acetate	7.076	43	18473	18.883	ug/l	98
38) Carbon Tetrachloride	7.899	117	57951	19.912	ug/l	98
39) Methylcyclohexane	9.185	83	53264	20.417	ug/l	98
40) Benzene	8.161	78	129141	20.167	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012511.D
 Acq On : 07 Feb 2023 10:59
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 07 21:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	26710	49.845	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	41565	20.026	ug/l	99
43) Isopropyl Acetate	8.271	43	35253	19.436	ug/l	99
44) Trichloroethene	8.941	130	39043	20.029	ug/l	96
45) 1,2-Dichloropropane	9.216	63	27311	19.669	ug/l	99
46) Dibromomethane	9.307	93	18172	19.765	ug/l	97
47) Bromodichloromethane	9.496	83	46224	19.390	ug/l	95
48) Methyl methacrylate	9.295	41	15612	18.830	ug/l	97
49) 1,4-Dioxane	9.301	88	4784	376.936	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	93860	95.911	ug/l	99
52) Toluene	10.246	92	86719	19.970	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	46617	19.407	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	51037	19.633	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	26263	19.550	ug/l	93
56) Ethyl methacrylate	10.508	69	32898	19.491	ug/l	98
57) 1,3-Dichloropropane	10.788	76	42609	19.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	79302	104.533	ug/l	99
59) 2-Hexanone	10.831	43	71000	96.003	ug/l	99
60) Dibromochloromethane	10.984	129	34944	19.513	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24844	19.737	ug/l	98
64) Tetrachloroethene	10.721	164	43455	20.703	ug/l	95
65) Chlorobenzene	11.514	112	93485	19.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	36202	19.373	ug/l	99
67) Ethyl Benzene	11.593	91	167158	19.968	ug/l	100
68) m/p-Xylenes	11.703	106	134343	40.204	ug/l	99
69) o-Xylene	12.026	106	62634	19.682	ug/l	97
70) Styrene	12.044	104	107680	19.952	ug/l	99
71) Bromoform	12.209	173	23214	19.654	ug/l #	100
73) Isopropylbenzene	12.331	105	172117	19.565	ug/l	100
74) N-amyl acetate	12.142	43	29713	18.658	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27235	19.146	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	39114	32.118	ug/l #	100
77) Bromobenzene	12.605	156	41679	19.547	ug/l	98
78) n-propylbenzene	12.672	91	199448	19.698	ug/l	100
79) 2-Chlorotoluene	12.758	91	113727	19.785	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	150058	19.815	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10301	19.122	ug/l	99
82) 4-Chlorotoluene	12.855	91	119486	19.816	ug/l	99
83) tert-Butylbenzene	13.075	119	128624	19.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	147746	19.828	ug/l	100
85) sec-Butylbenzene	13.251	105	187447	19.730	ug/l	100
86) p-Isopropyltoluene	13.367	119	163836	19.878	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	82899	19.540	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	82251	19.355	ug/l	98
89) n-Butylbenzene	13.696	91	139448	19.797	ug/l	99
90) Hexachloroethane	13.959	117	28808	19.043	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	73828	19.345	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5411	19.115	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	45247	19.134	ug/l	99
94) Hexachlorobutadiene	15.111	225	28726	19.554	ug/l	99
95) Naphthalene	15.239	128	83986	18.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	38701	18.907	ug/l	99

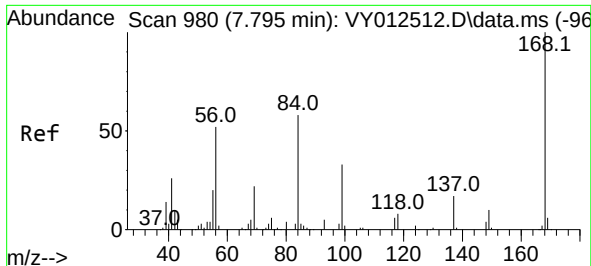
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
Data File : VY012511.D
Acq On : 07 Feb 2023 10:59
Operator : KP/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 07 21:47:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 21:44:35 2023
Response via : Initial Calibration

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

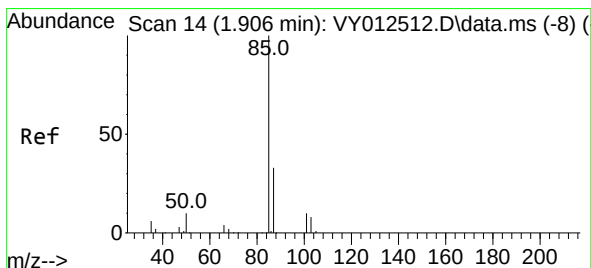
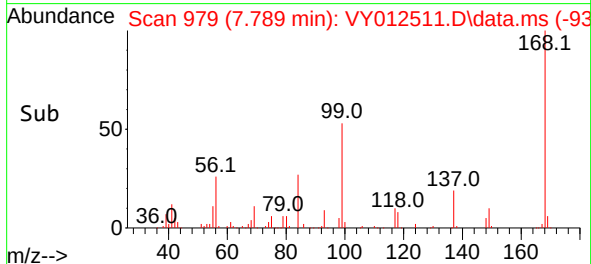
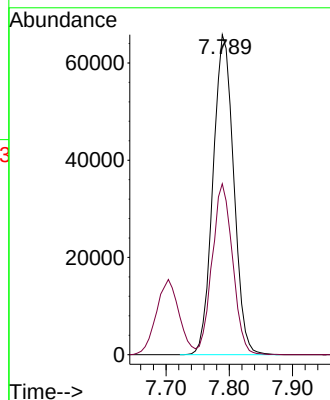
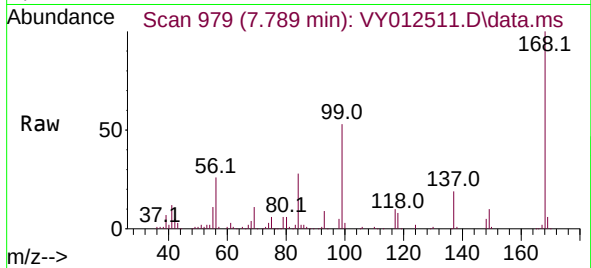
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

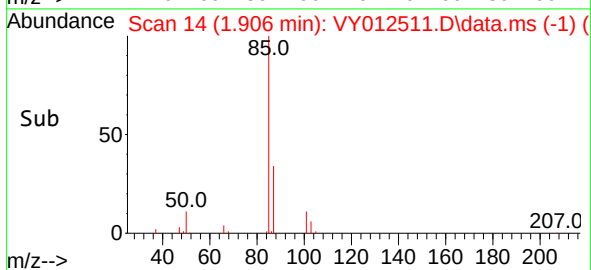
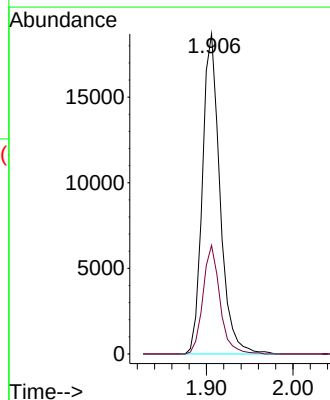
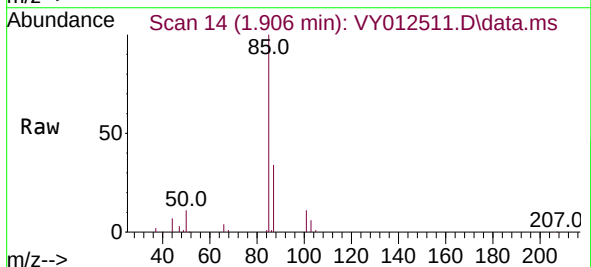
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

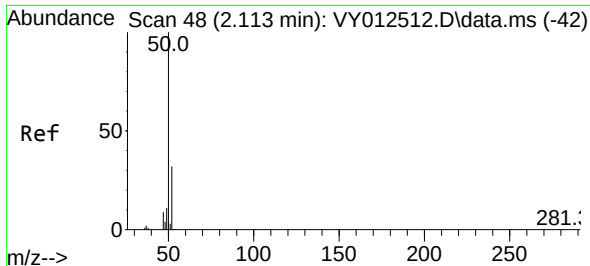
Tgt Ion:168 Resp: 149236
Ion Ratio Lower Upper
168 100
99 53.3 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 23.079 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 85 Resp: 26341
Ion Ratio Lower Upper
85 100
87 34.0 16.6 49.8

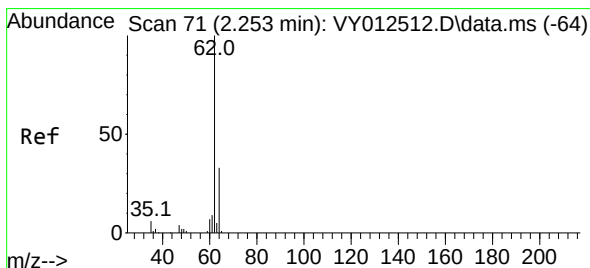
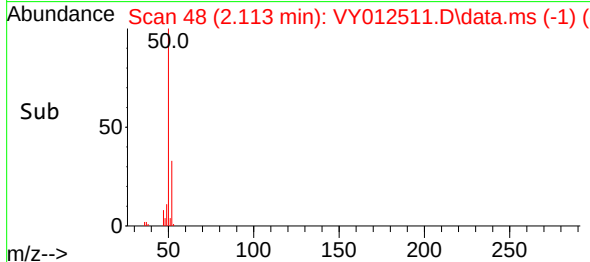
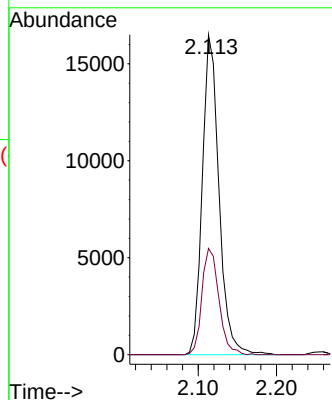
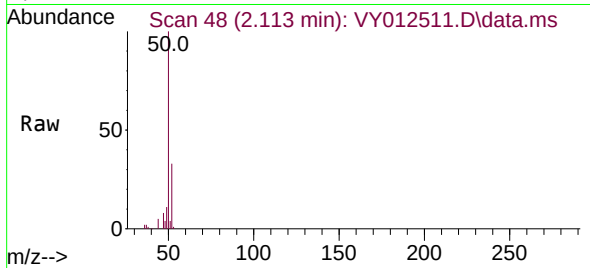




#3
Chloromethane
Concen: 20.933 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

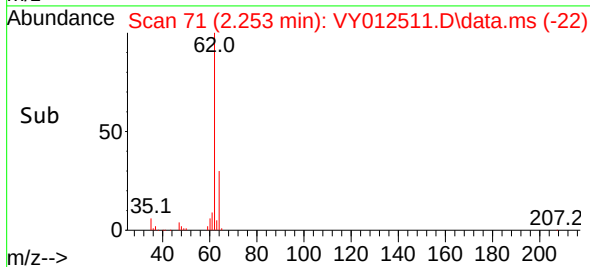
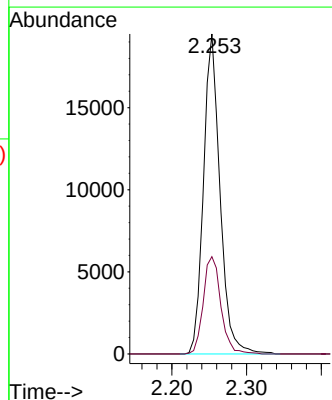
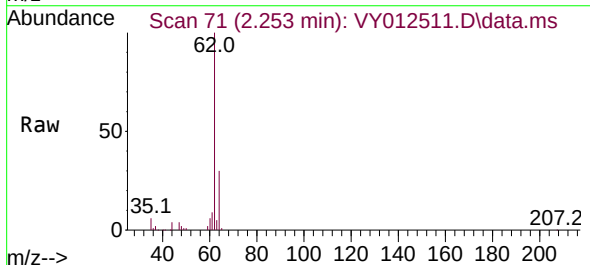
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

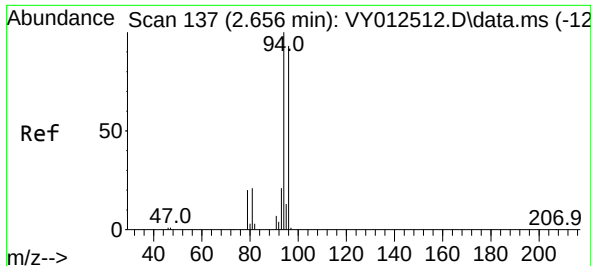
Tgt Ion: 50 Resp: 24340
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.6



#4
Vinyl Chloride
Concen: 20.643 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 62 Resp: 29905
Ion Ratio Lower Upper
62 100
64 30.4 26.1 39.1





#5

Bromomethane

Concen: 20.654 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

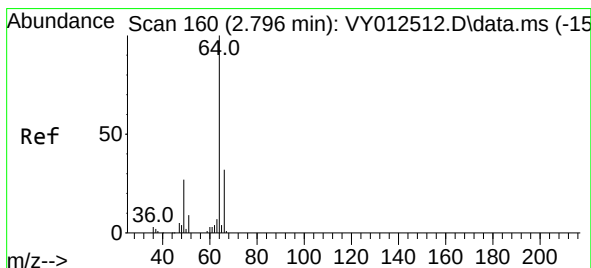
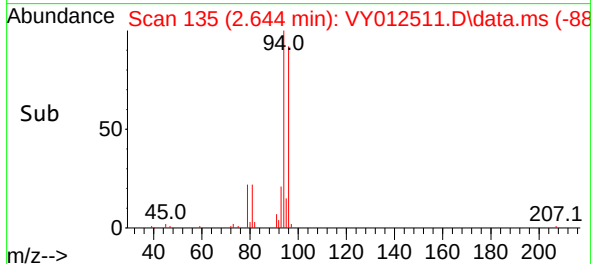
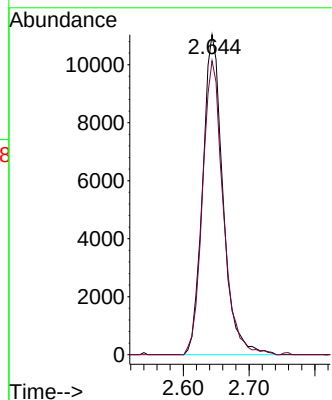
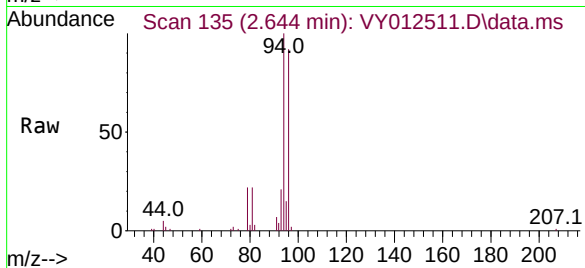
VSTDIC020

Tgt Ion: 94 Resp: 23632

Ion Ratio Lower Upper

94 100

96 91.9 74.7 112.1



#6

Chloroethane

Concen: 21.084 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012511.D

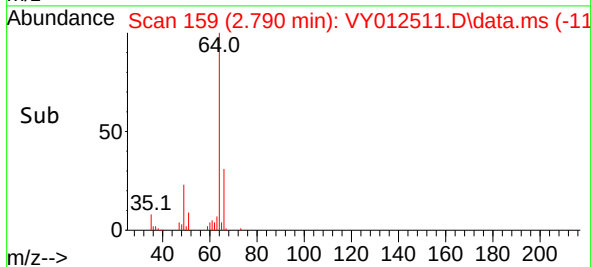
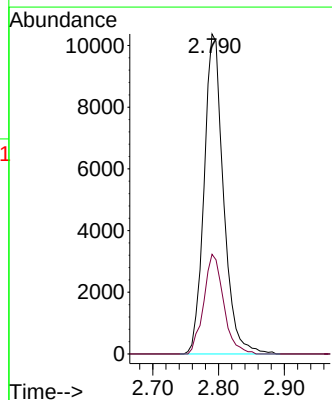
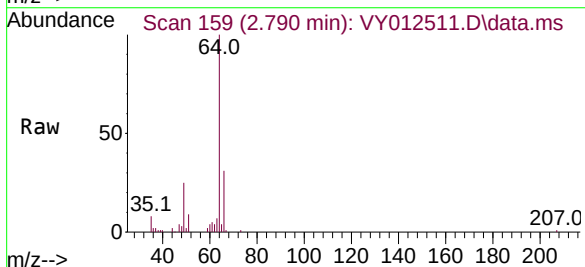
Acq: 07 Feb 2023 10:59

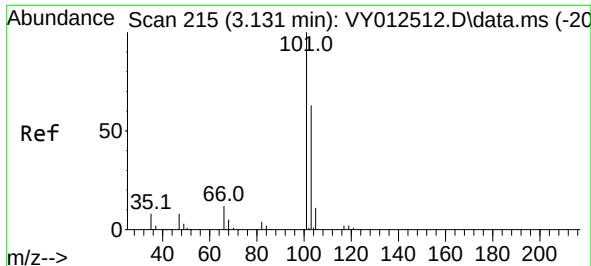
Tgt Ion: 64 Resp: 21260

Ion Ratio Lower Upper

64 100

66 31.1 25.7 38.5

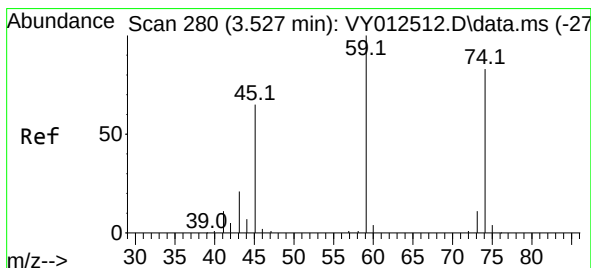
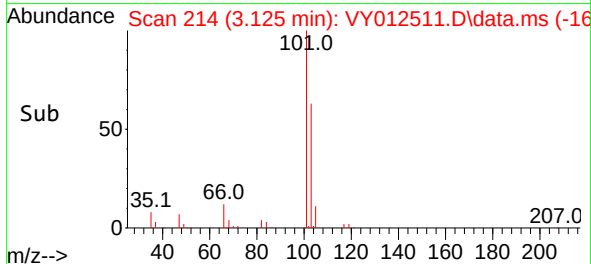
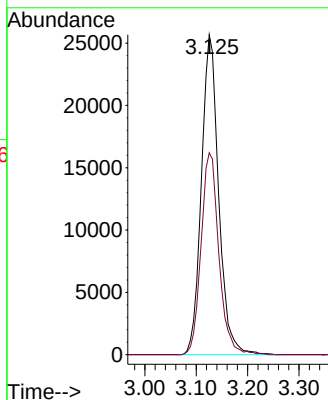
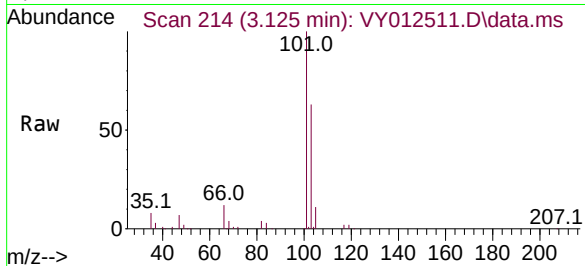




#7
Trichlorofluoromethane
Concen: 20.107 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

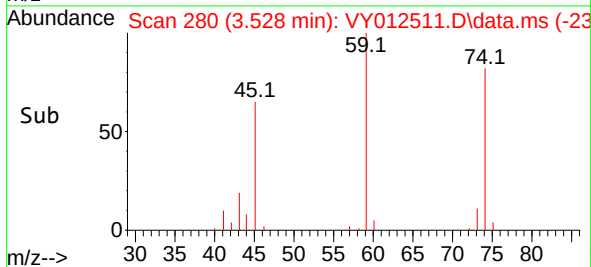
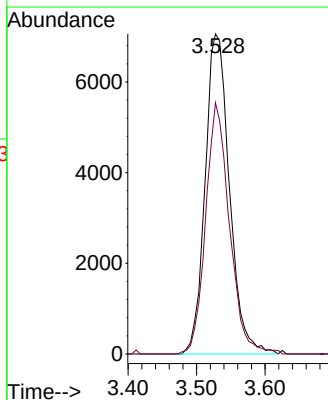
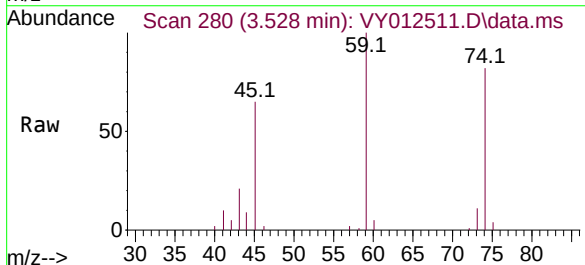
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

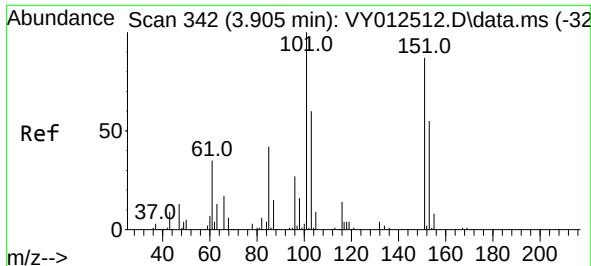
Tgt Ion:101 Resp: 59870
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1



#8
Diethyl Ether
Concen: 19.764 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 74 Resp: 17450
Ion Ratio Lower Upper
74 100
45 76.8 37.8 113.4

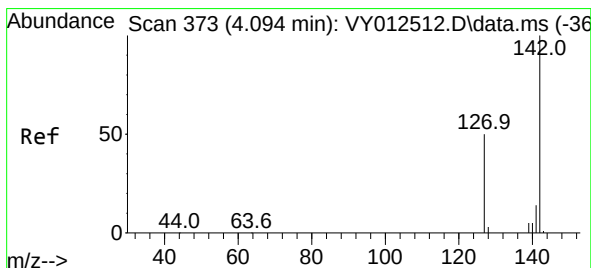
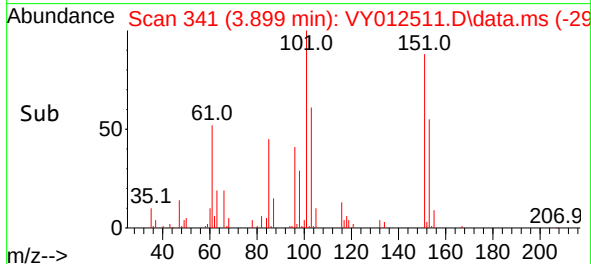
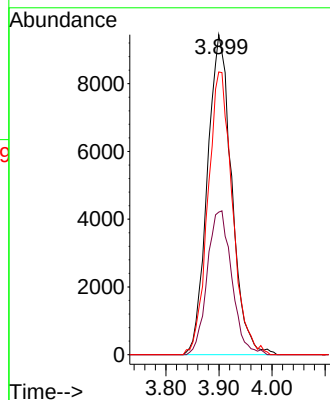
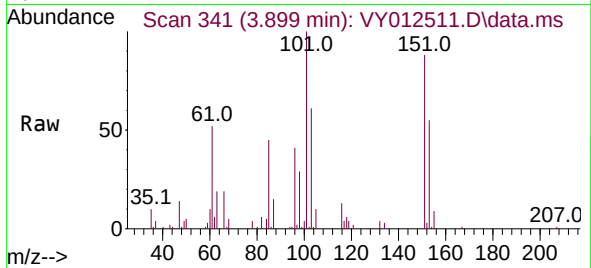




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.019 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

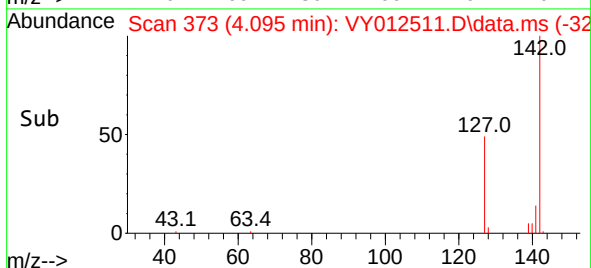
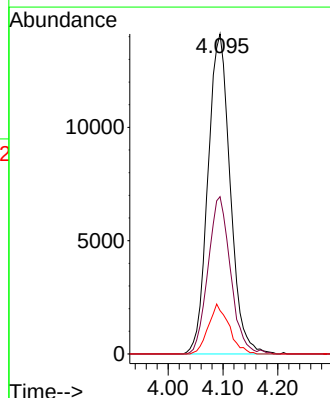
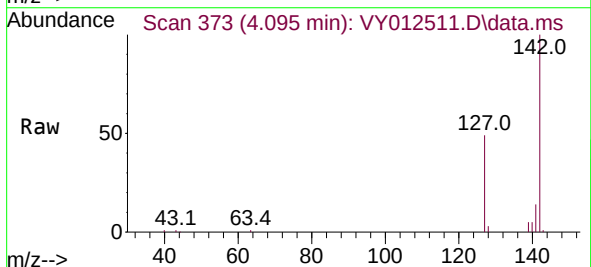
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

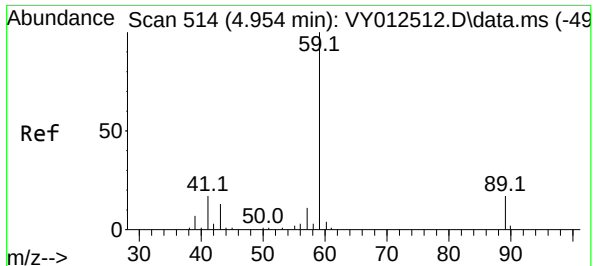
Tgt Ion:101 Resp: 30100
Ion Ratio Lower Upper
101 100
85 45.4 36.1 54.1
151 88.9 70.7 106.1



#10
Methyl Iodide
Concen: 20.398 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion:142 Resp: 39761
Ion Ratio Lower Upper
142 100
127 49.8 39.8 59.6
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 114.570 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

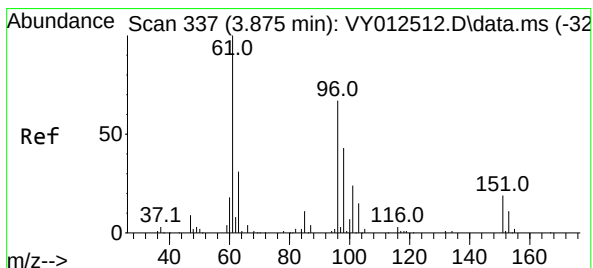
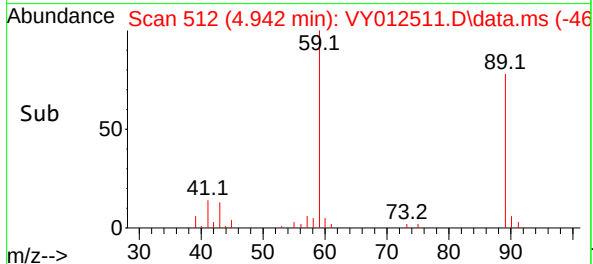
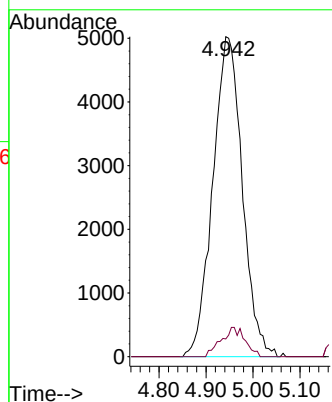
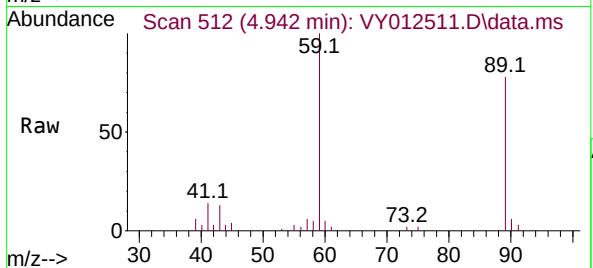
VSTDIC020

Tgt Ion: 59 Resp: 21892

Ion Ratio Lower Upper

59 100

57 7.4 7.2 10.8



#12

1,1-Dichloroethene

Concen: 20.177 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

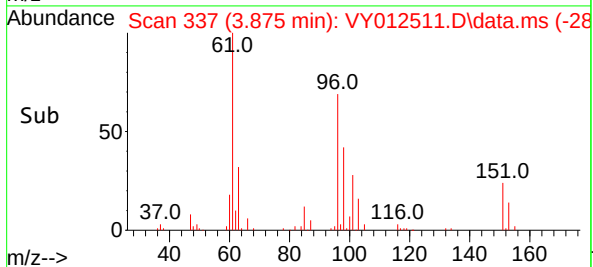
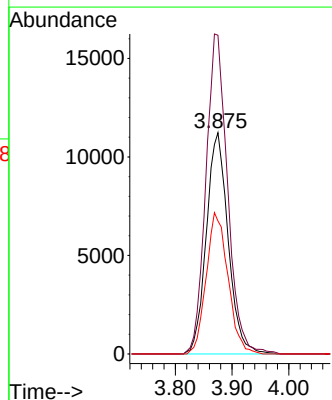
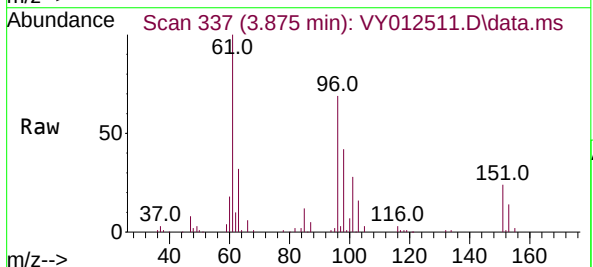
Tgt Ion: 96 Resp: 29976

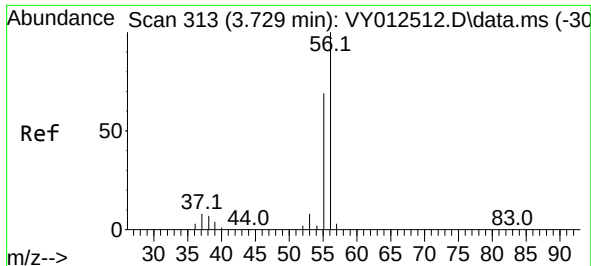
Ion Ratio Lower Upper

96 100

61 144.0 119.4 179.2

98 60.1 51.9 77.9





#13

Acrolein

Concen: 95.636 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

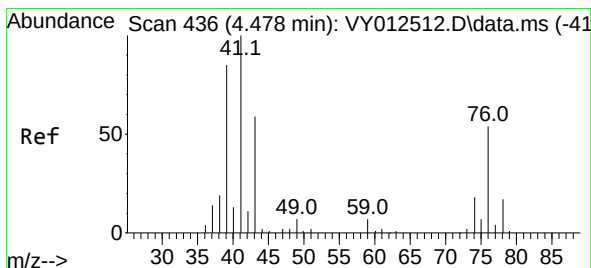
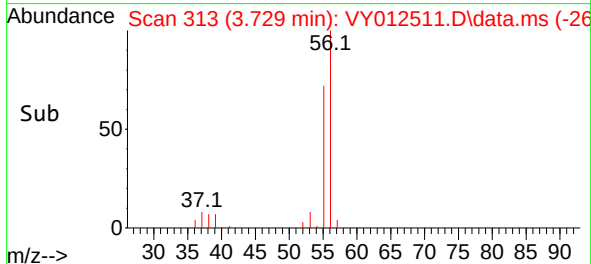
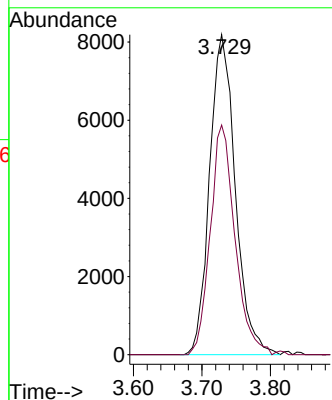
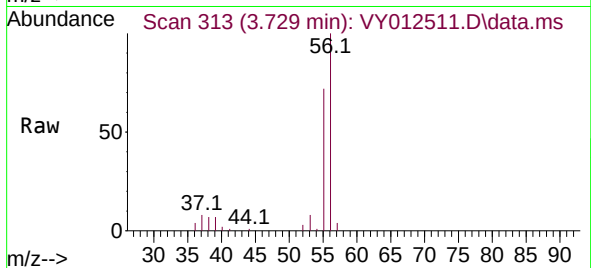
VSTDICC020

Tgt Ion: 56 Resp: 21336

Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4



#14

Allyl chloride

Concen: 19.647 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

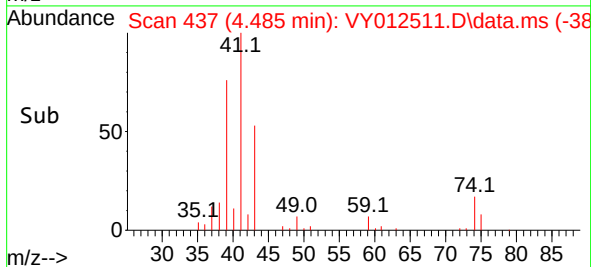
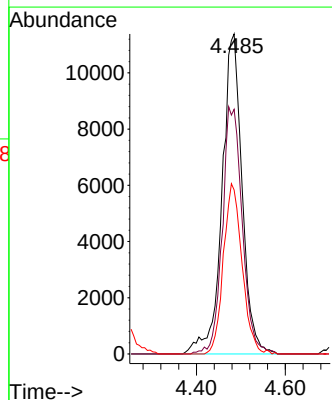
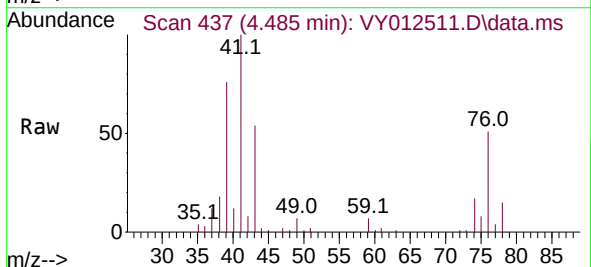
Tgt Ion: 41 Resp: 35590

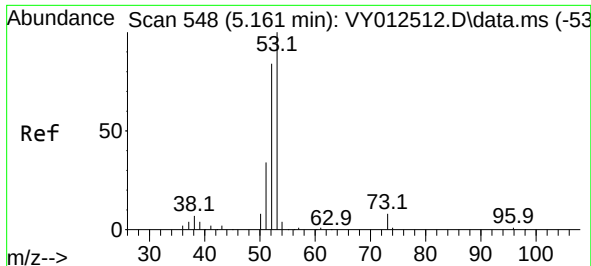
Ion Ratio Lower Upper

41 100

39 76.5 62.6 94.0

76 49.3 39.6 59.4

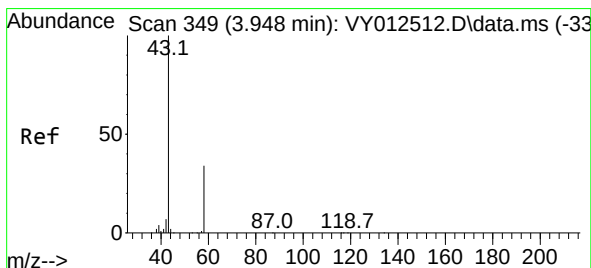
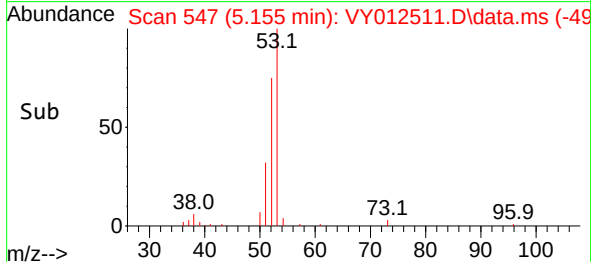
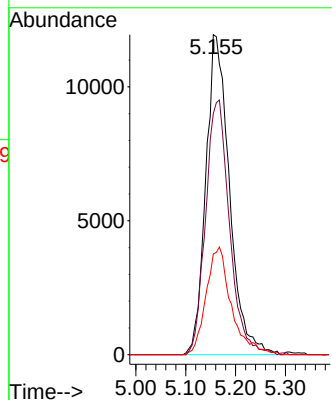
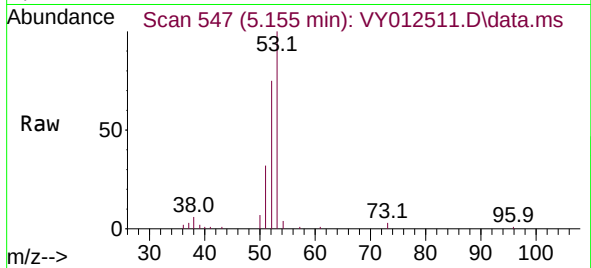




#15
Acrylonitrile
Concen: 96.706 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

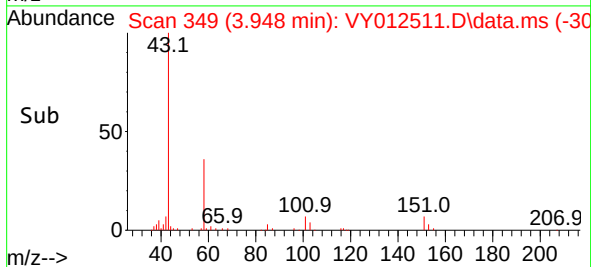
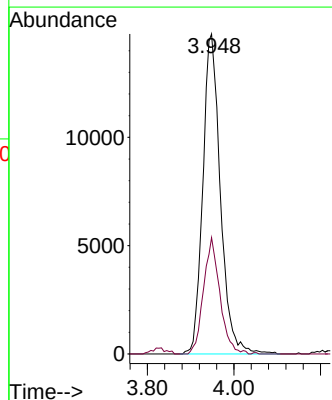
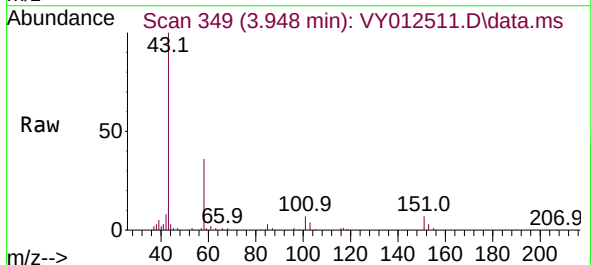
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

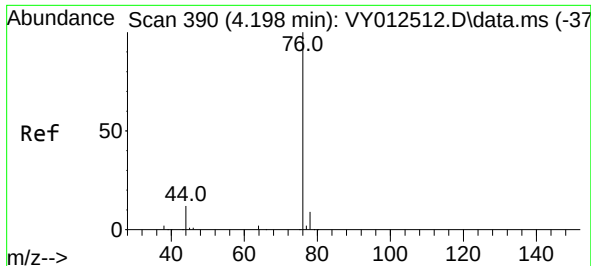
Tgt Ion: 53 Resp: 39392
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.4
51 35.8 28.7 43.1



#16
Acetone
Concen: 91.187 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 43 Resp: 41650
Ion Ratio Lower Upper
43 100
58 36.3 27.1 40.7





#17

Carbon Disulfide

Concen: 21.197 ug/l

RT: 4.192 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

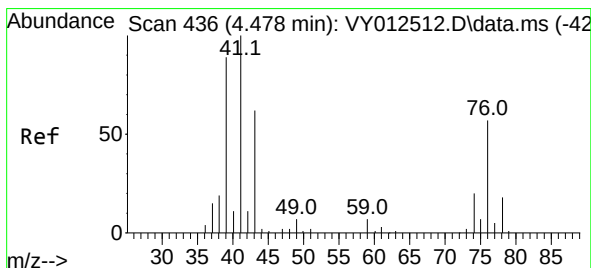
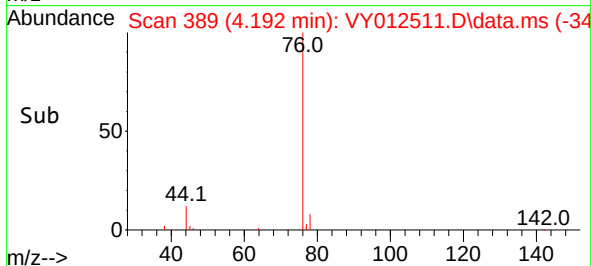
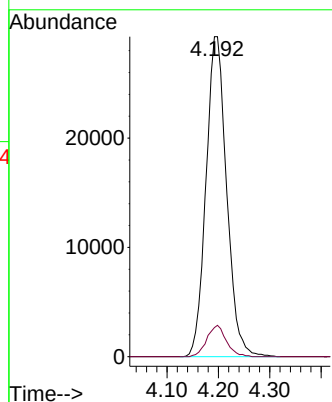
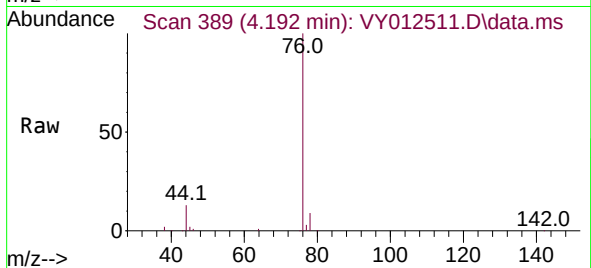
VSTDIC020

Tgt Ion: 76 Resp: 81683

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



#18

Methyl Acetate

Concen: 18.640 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012511.D

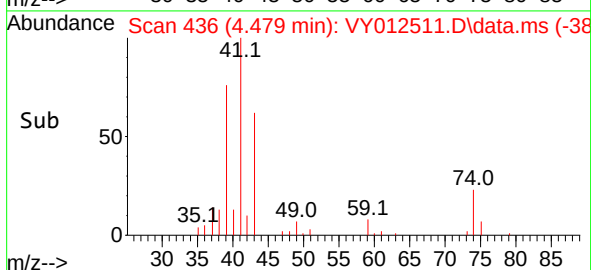
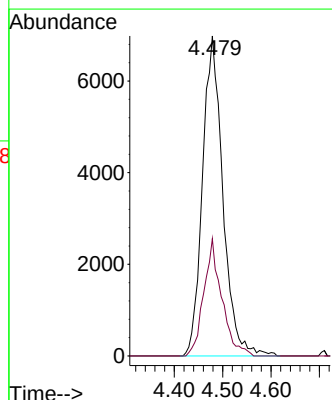
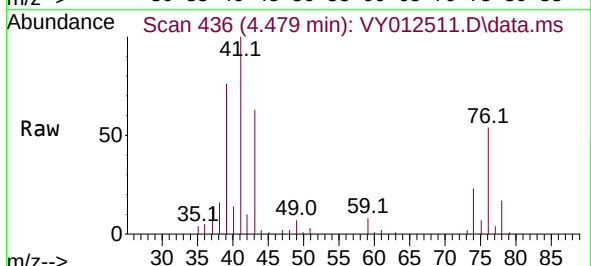
Acq: 07 Feb 2023 10:59

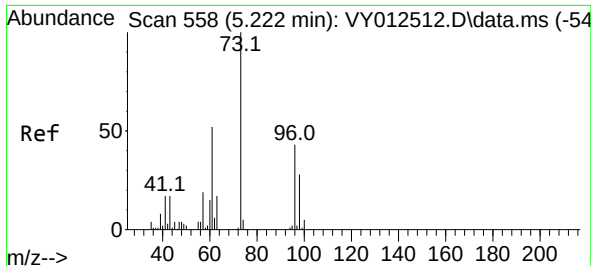
Tgt Ion: 43 Resp: 20464

Ion Ratio Lower Upper

43 100

74 32.4 25.6 38.4

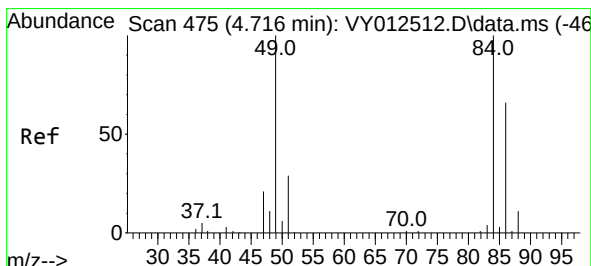
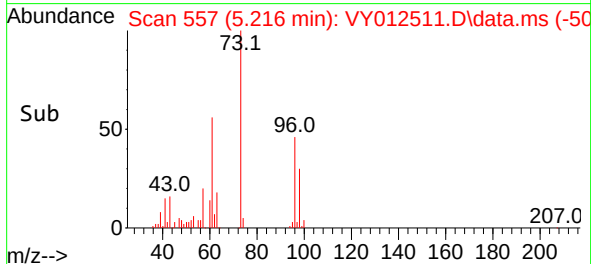
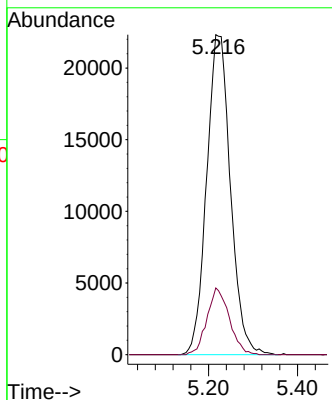
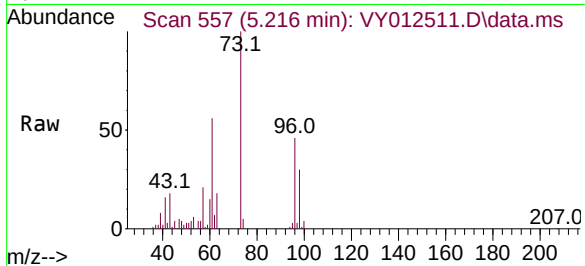




#19
Methyl tert-butyl Ether
Concen: 19.093 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

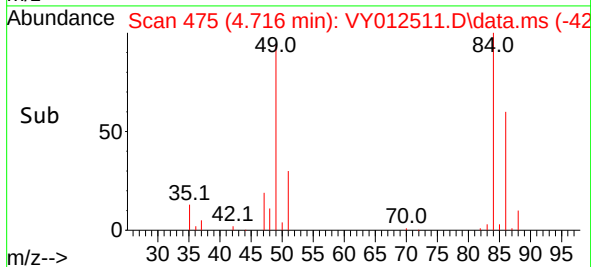
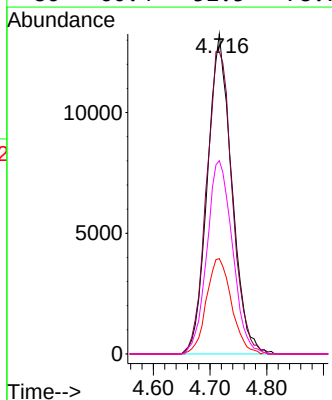
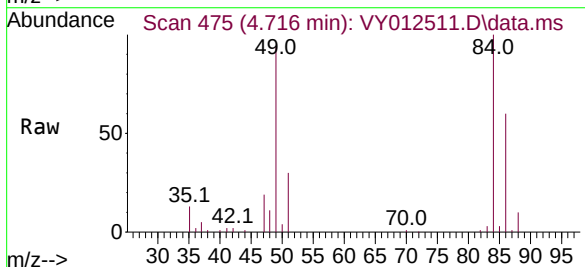
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

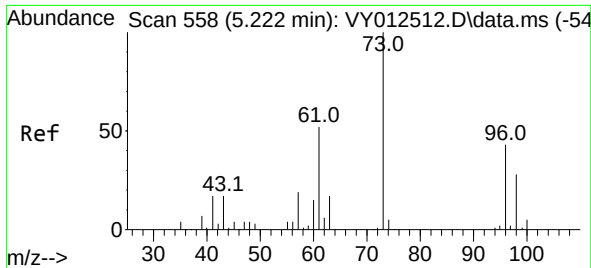
Tgt Ion: 73 Resp: 83003
Ion Ratio Lower Upper
73 100
57 20.9 15.3 22.9



#20
Methylene Chloride
Concen: 20.656 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 84 Resp: 39468
Ion Ratio Lower Upper
84 100
49 94.4 79.8 119.6
51 29.8 23.4 35.2
86 60.4 52.5 78.7

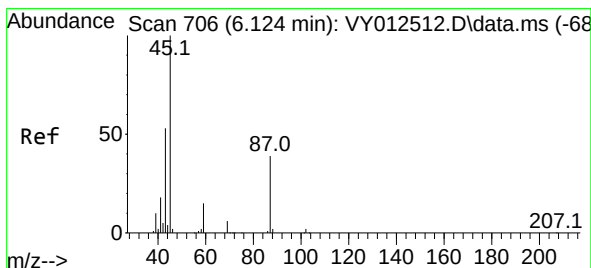
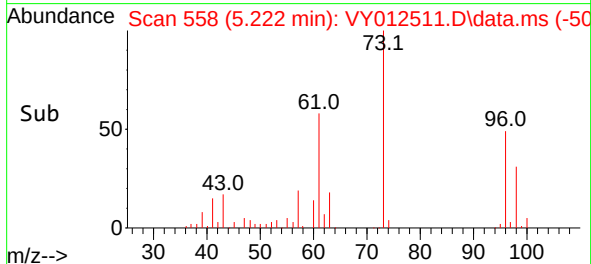
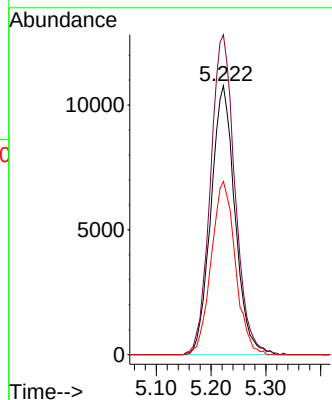
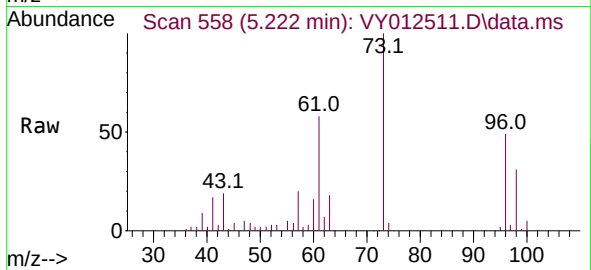




#21
trans-1,2-Dichloroethene
Concen: 20.264 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

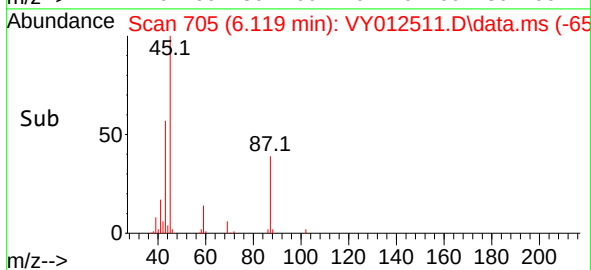
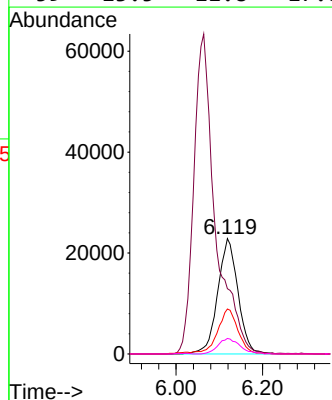
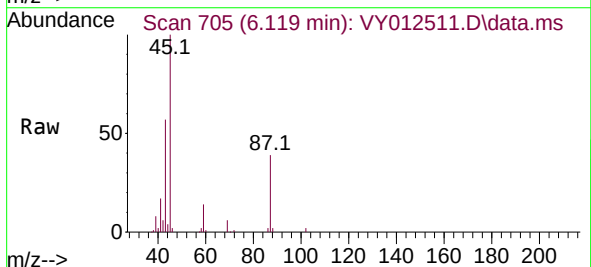
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

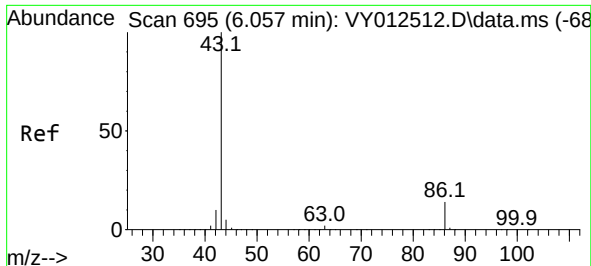
Tgt Ion: 96 Resp: 32833
Ion Ratio Lower Upper
96 100
61 119.0 96.2 144.4
98 64.4 51.6 77.4



#22
Diisopropyl ether
Concen: 20.228 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 45 Resp: 74505
Ion Ratio Lower Upper
45 100
43 55.9 45.9 68.9
87 38.9 32.2 48.4
59 13.5 11.8 17.8

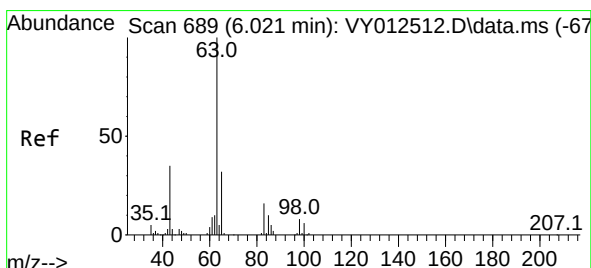
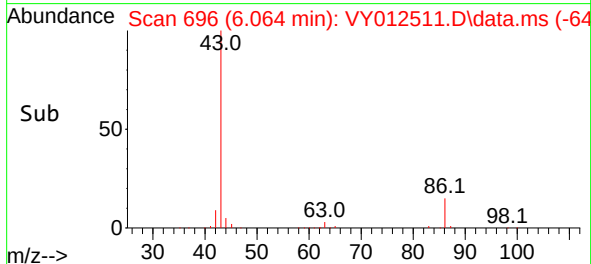
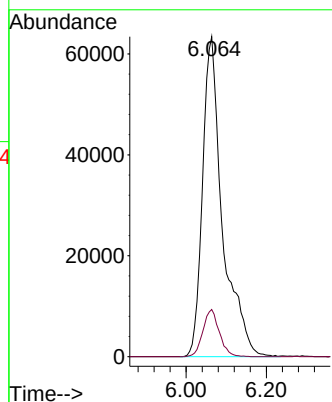
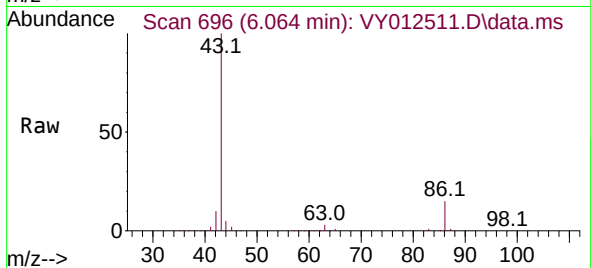




#23
 Vinyl Acetate
 Concen: 98.763 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY012511.D
 Acq: 07 Feb 2023 10:59

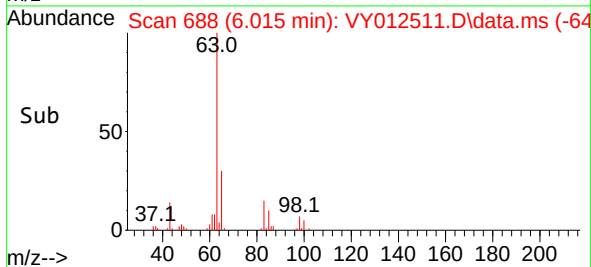
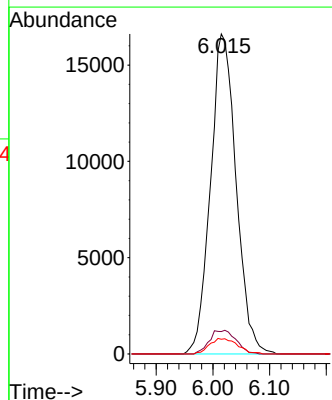
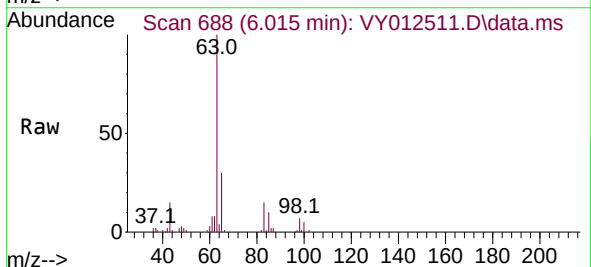
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

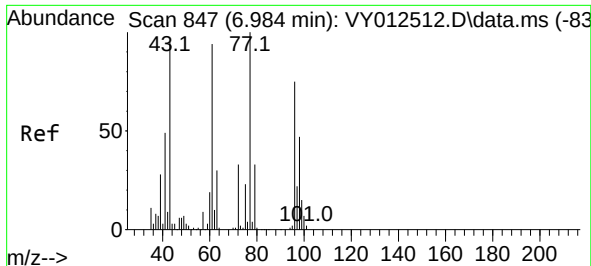
Tgt Ion: 43 Resp: 219298
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 19.811 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012511.D
 Acq: 07 Feb 2023 10:59

Tgt Ion: 63 Resp: 52165
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.1 12.3
 100 4.6 2.9 8.8

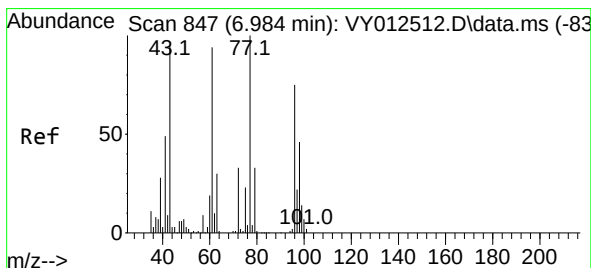
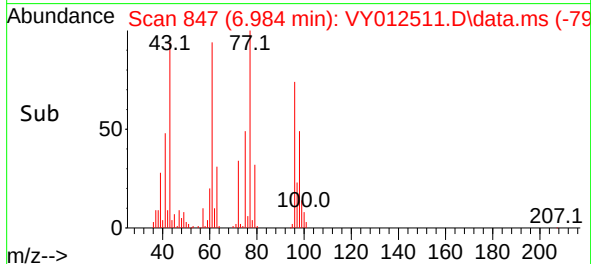
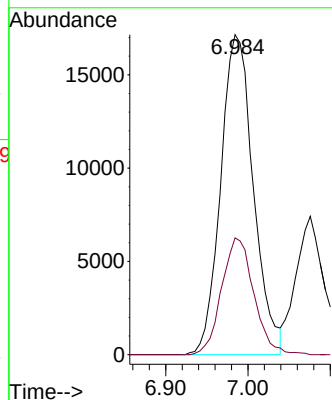
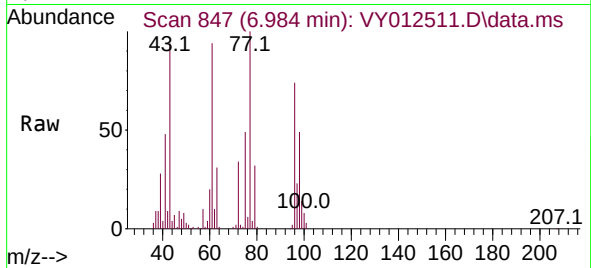




#25
2-Butanone
Concen: 93.713 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

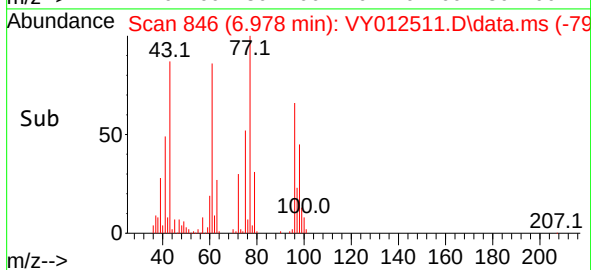
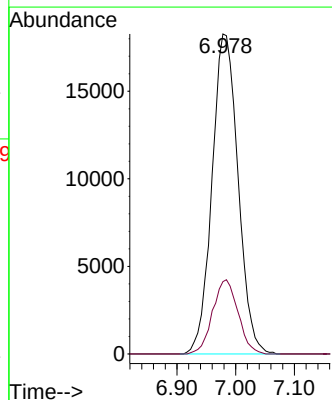
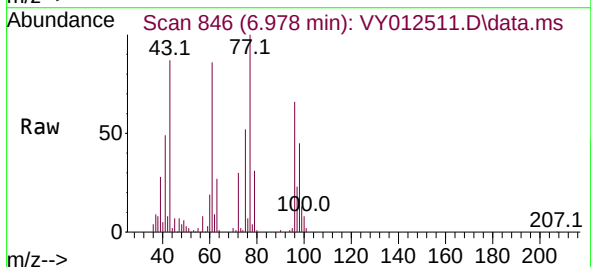
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

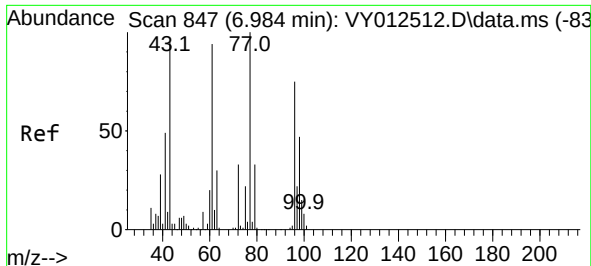
Tgt Ion: 43 Resp: 47491
Ion Ratio Lower Upper
43 100
72 36.5 27.4 41.2



#26
2,2-Dichloropropane
Concen: 19.433 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 77 Resp: 56220
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.657 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

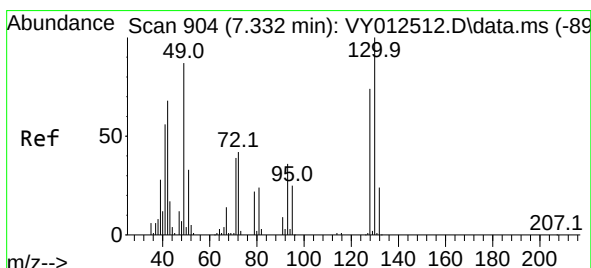
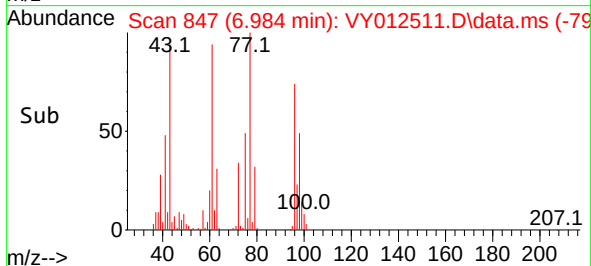
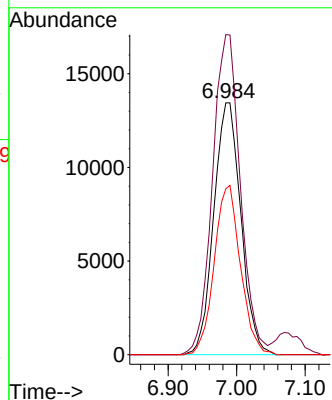
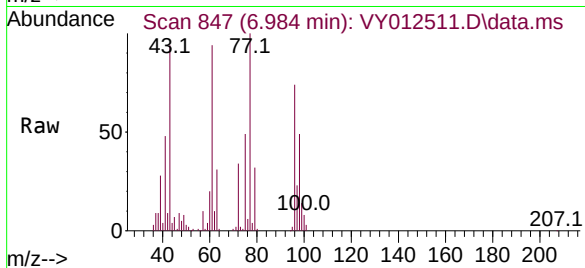
Tgt Ion: 96 Resp: 36961

Ion Ratio Lower Upper

96 100

61 130.5 0.0 259.2

98 65.0 0.0 129.0



#28

Bromochloromethane

Concen: 19.994 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

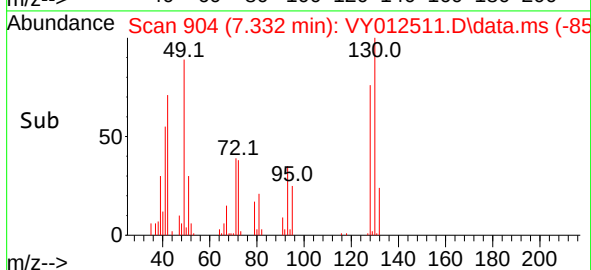
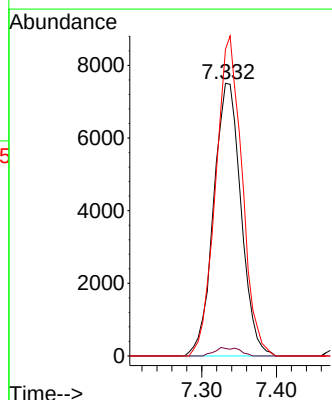
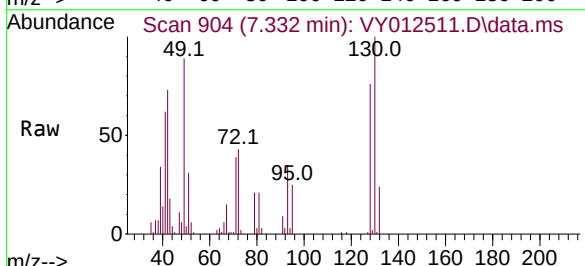
Tgt Ion: 49 Resp: 19137

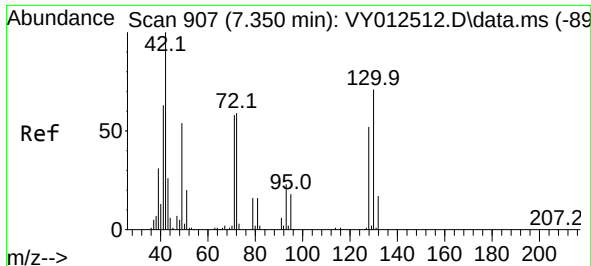
Ion Ratio Lower Upper

49 100

129 2.8 0.0 6.0

130 112.8 93.1 139.7





#29

Tetrahydrofuran

Concen: 94.679 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

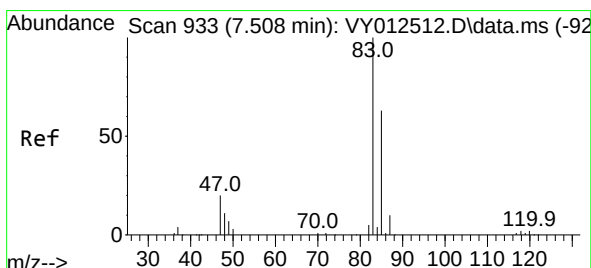
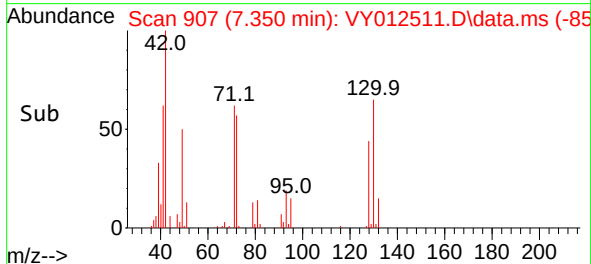
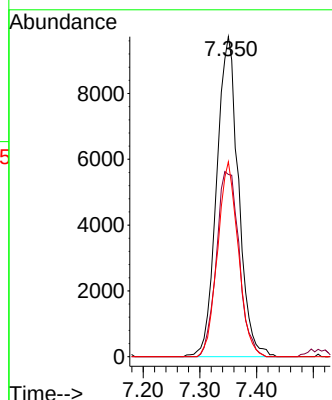
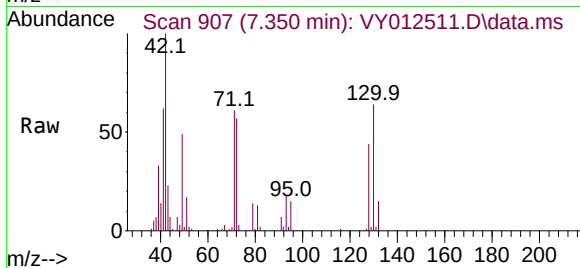
Tgt Ion: 42 Resp: 25939

Ion Ratio Lower Upper

42 100

72 60.3 47.0 70.6

71 57.9 44.6 66.8



#30

Chloroform

Concen: 19.450 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY012511.D

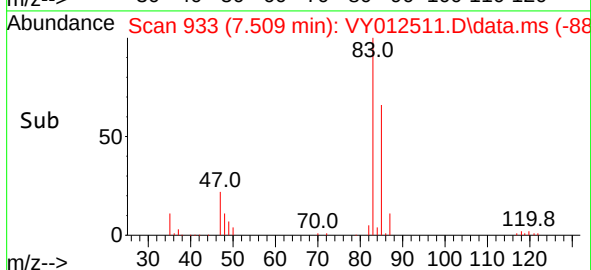
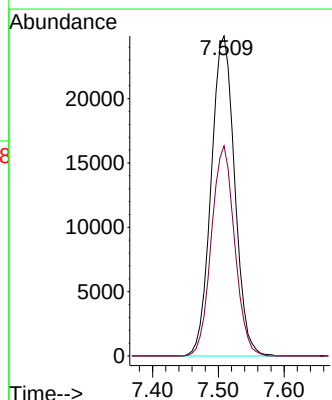
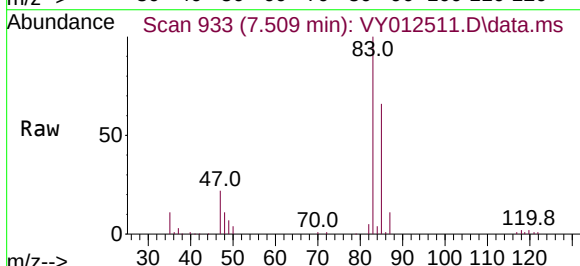
Acq: 07 Feb 2023 10:59

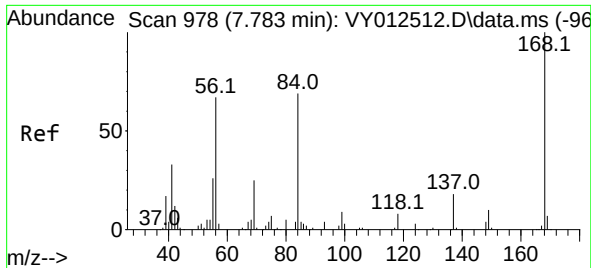
Tgt Ion: 83 Resp: 61745

Ion Ratio Lower Upper

83 100

85 65.7 50.8 76.2

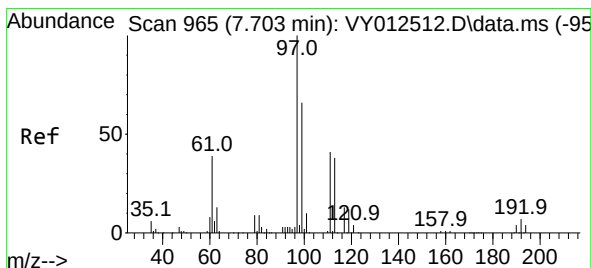
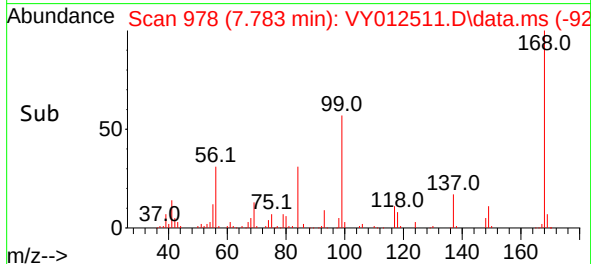
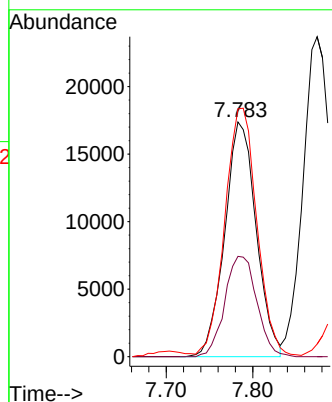
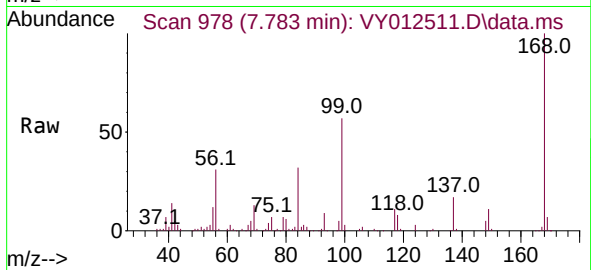




#31
Cyclohexane
Concen: 20.004 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

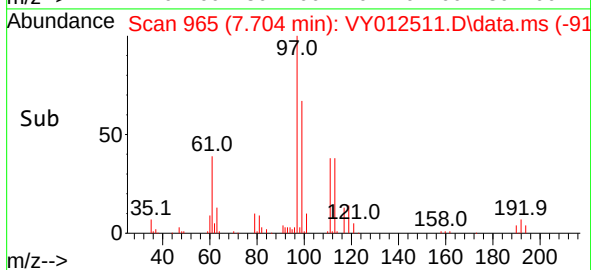
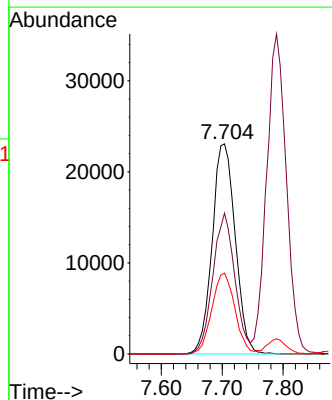
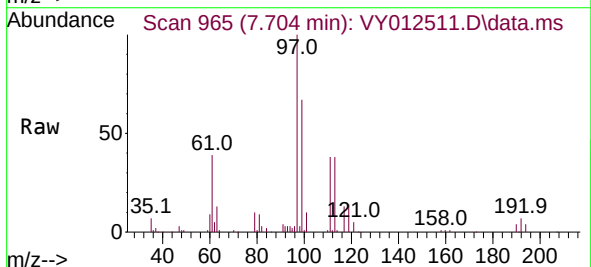
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

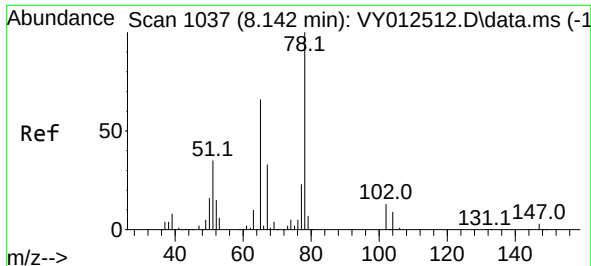
Tgt Ion: 56 Resp: 43890
Ion Ratio Lower Upper
56 100
69 42.8 29.5 44.3
84 103.8 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 19.713 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 97 Resp: 60727
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 38.4 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 18.820 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

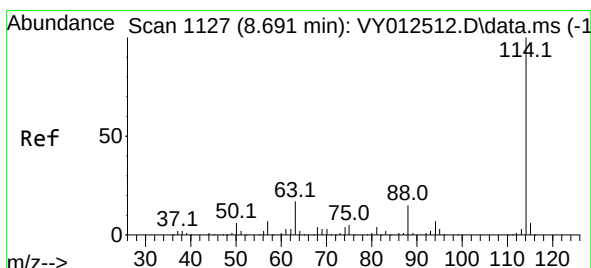
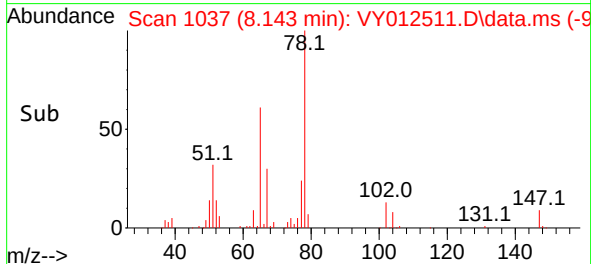
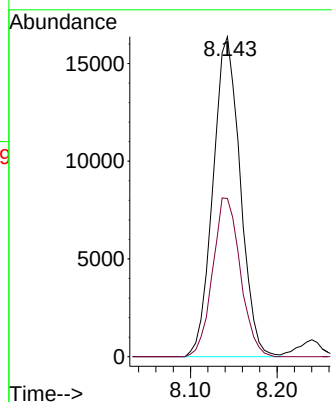
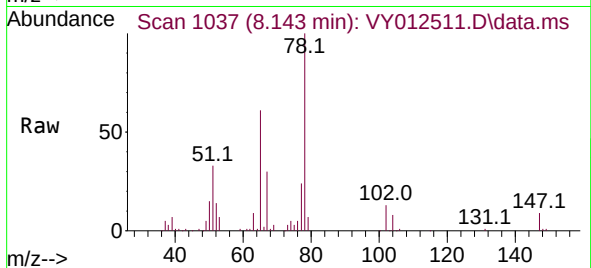
VSTDIC020

Tgt Ion: 65 Resp: 35715

Ion Ratio Lower Upper

65 100

67 50.4 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

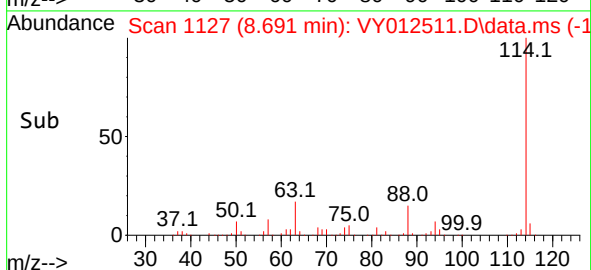
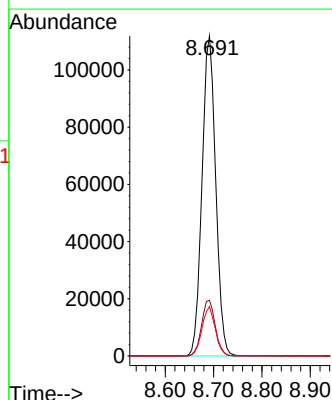
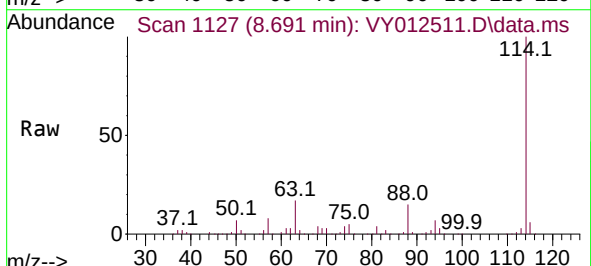
Tgt Ion: 114 Resp: 219966

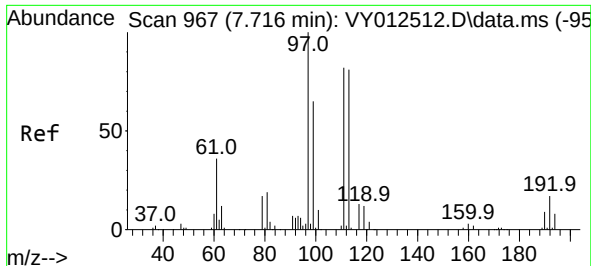
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.6

88 15.4 0.0 29.8

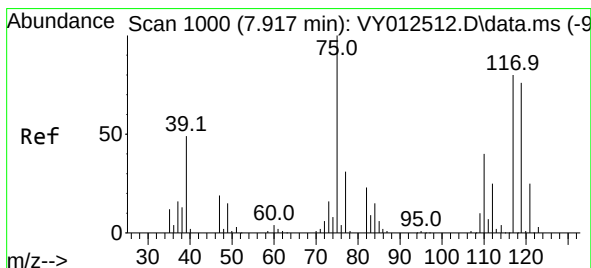
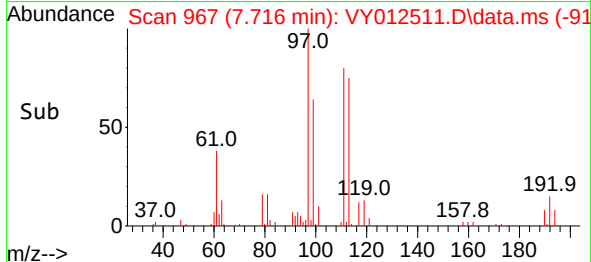
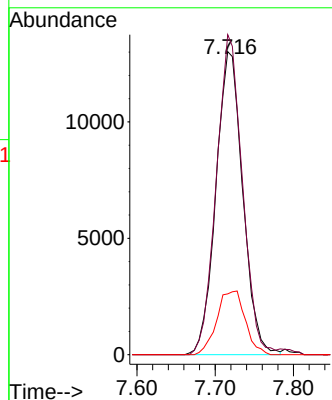
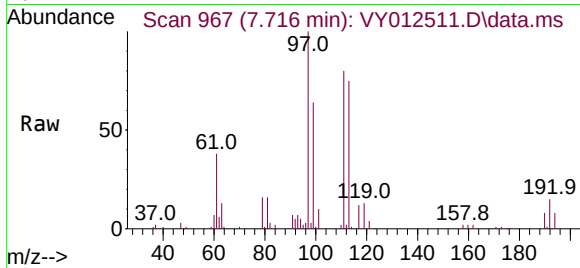




#35
Dibromofluoromethane
Concen: 19.359 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

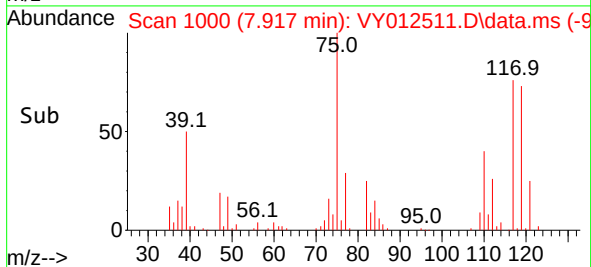
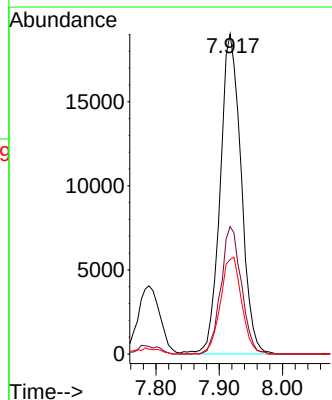
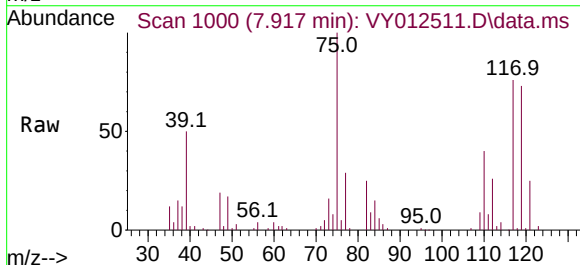
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

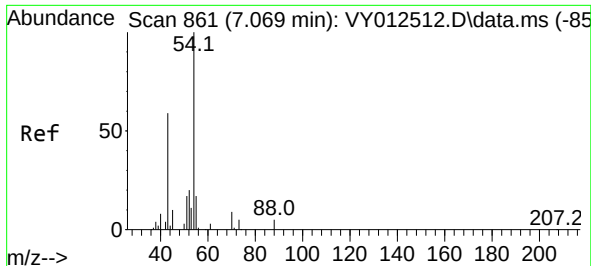
Tgt Ion:113 Resp: 31011
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 22.2 17.5 26.3



#36
1,1-Dichloropropene
Concen: 20.117 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 75 Resp: 43614
Ion Ratio Lower Upper
75 100
110 38.8 19.5 58.5
77 30.7 24.9 37.3





#37

Ethyl Acetate

Concen: 18.883 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

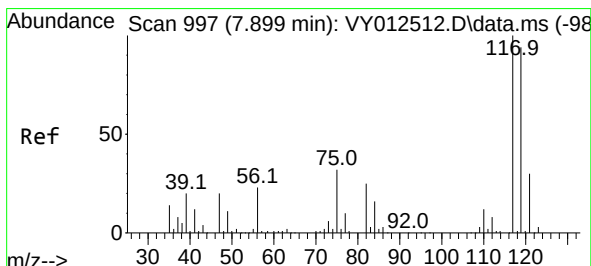
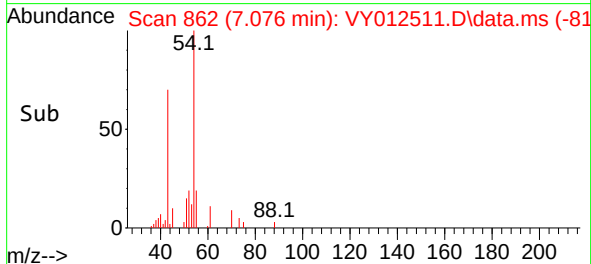
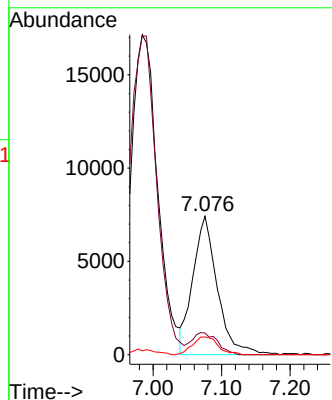
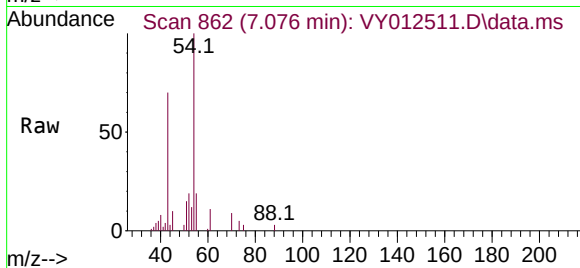
Tgt Ion: 43 Resp: 18473

Ion Ratio Lower Upper

43 100

61 16.6 12.5 18.7

70 13.3 11.0 16.4



#38

Carbon Tetrachloride

Concen: 19.912 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

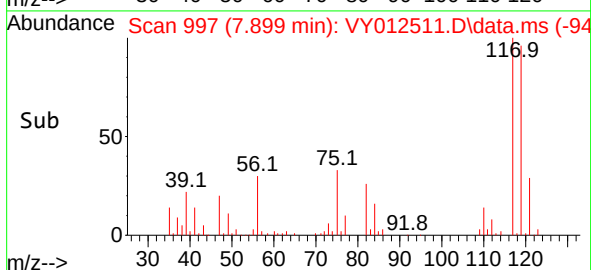
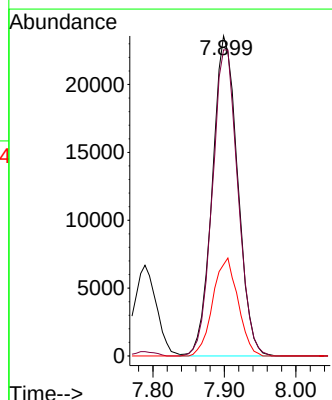
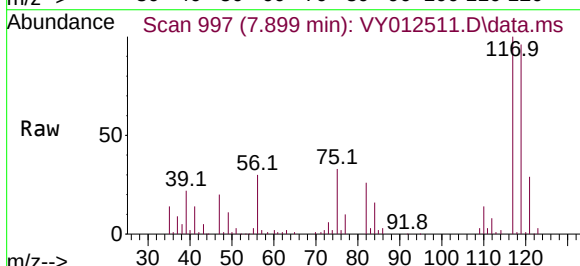
Tgt Ion: 117 Resp: 57951

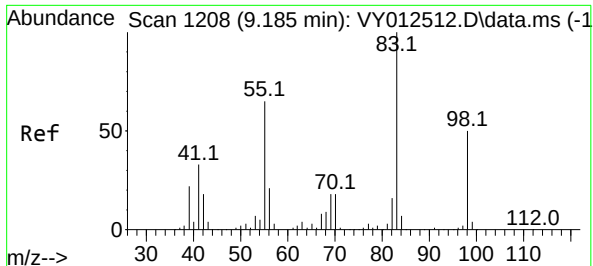
Ion Ratio Lower Upper

117 100

119 95.7 75.1 112.7

121 28.6 24.3 36.5





#39

Methylcyclohexane

Concen: 20.417 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

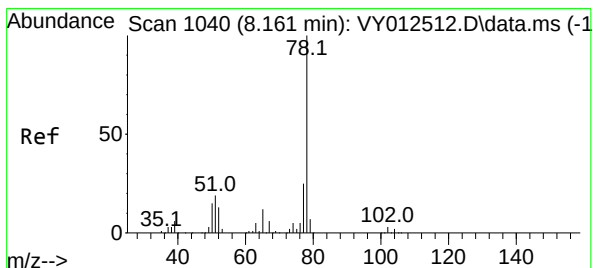
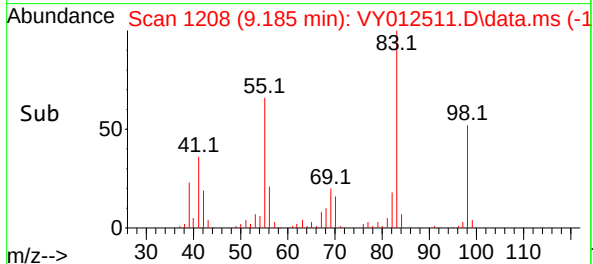
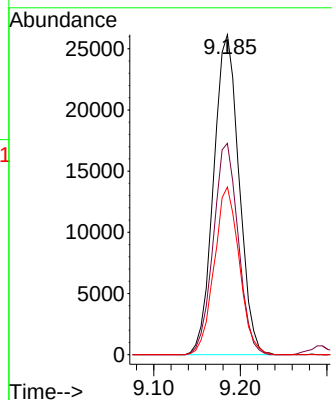
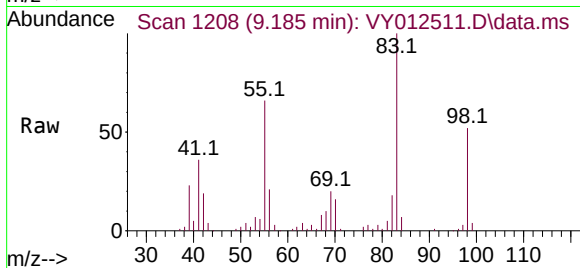
Tgt Ion: 83 Resp: 53264

Ion Ratio Lower Upper

83 100

55 66.0 52.0 78.0

98 52.4 40.4 60.6



#40

Benzene

Concen: 20.167 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012511.D

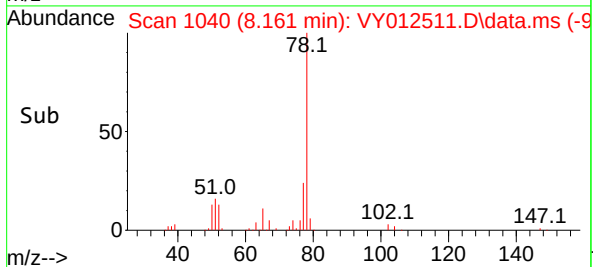
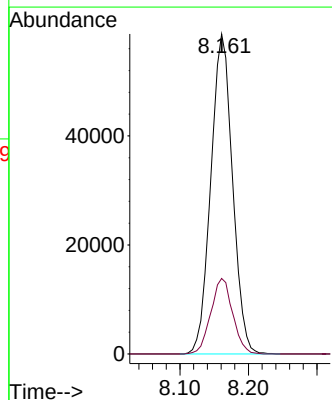
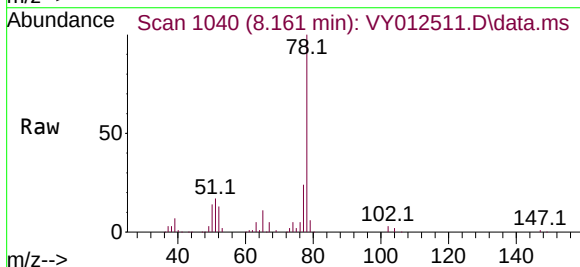
Acq: 07 Feb 2023 10:59

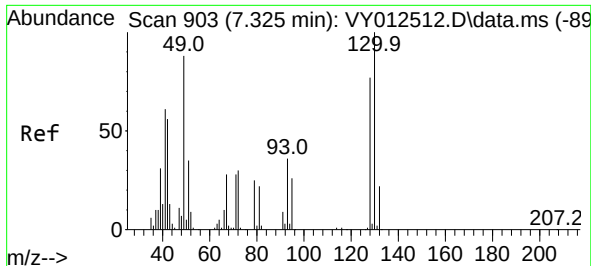
Tgt Ion: 78 Resp: 129141

Ion Ratio Lower Upper

78 100

77 23.6 19.9 29.9

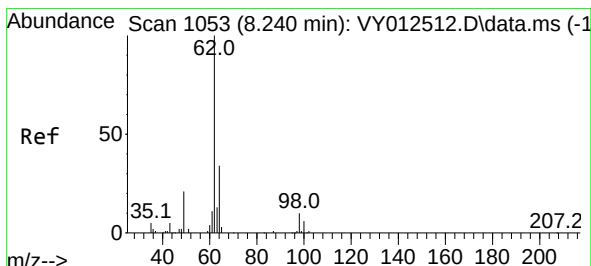
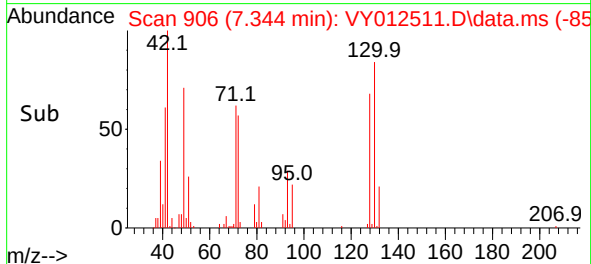
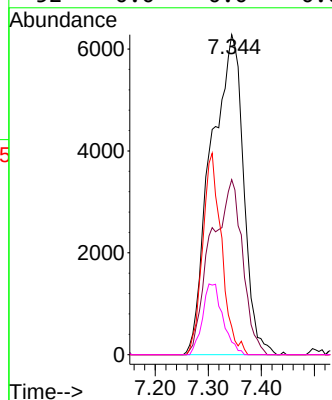
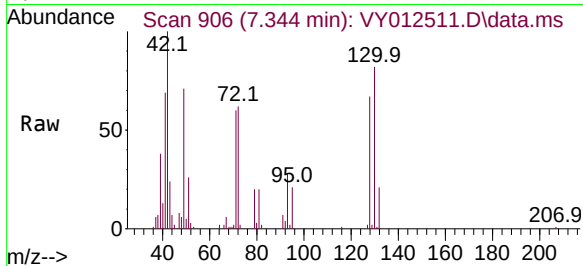




#41
Methacrylonitrile
Concen: 49.845 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

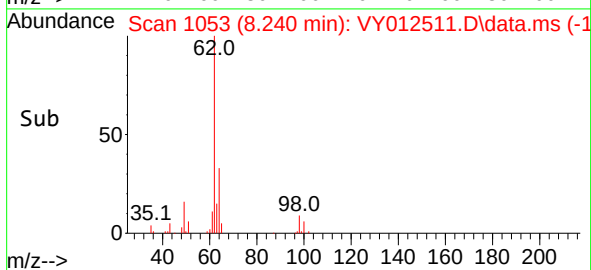
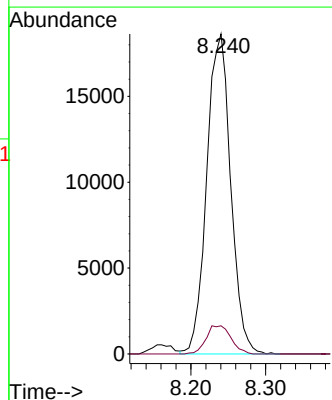
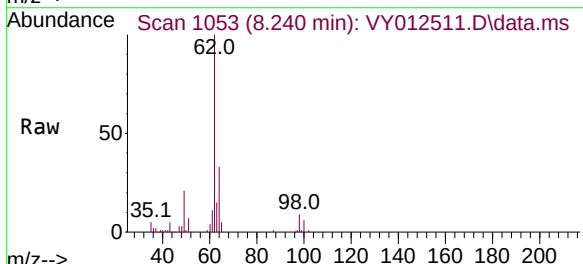
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

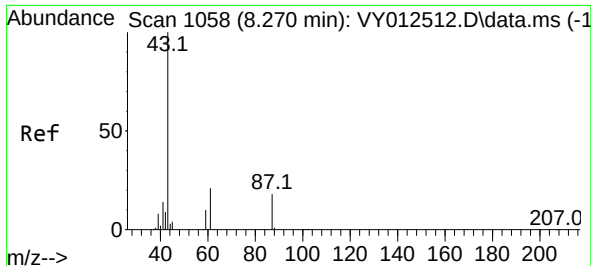
Tgt Ion: 41 Resp: 26710
Ion Ratio Lower Upper
41 100
39 53.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.026 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 62 Resp: 41565
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.436 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

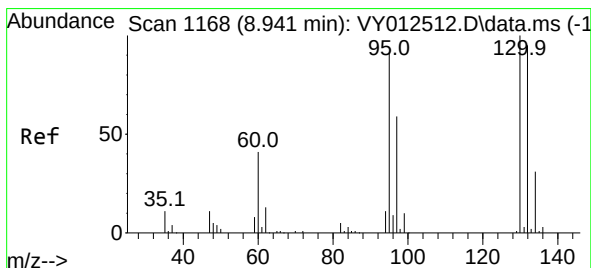
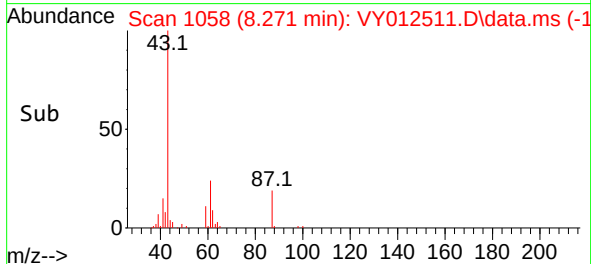
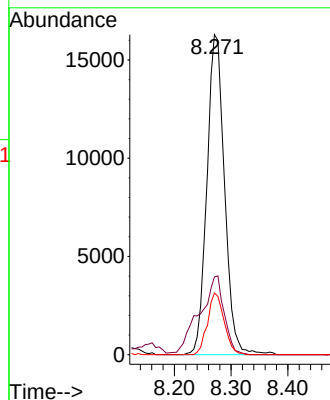
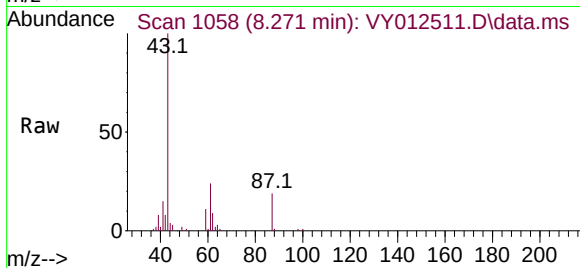
Tgt Ion: 43 Resp: 35253

Ion Ratio Lower Upper

43 100

61 34.4 27.2 40.8

87 18.1 15.0 22.4



#44

Trichloroethene

Concen: 20.029 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012511.D

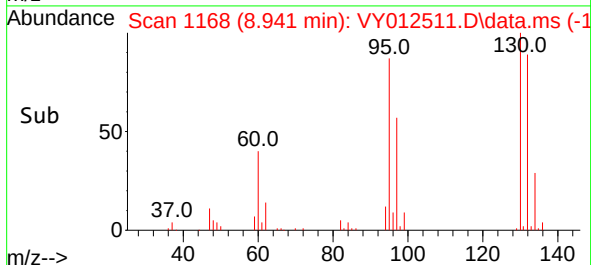
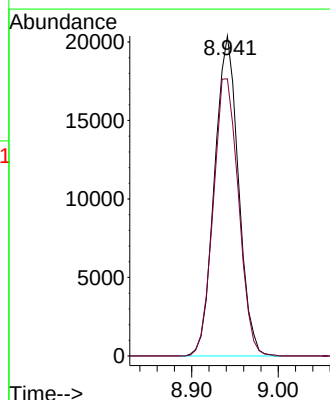
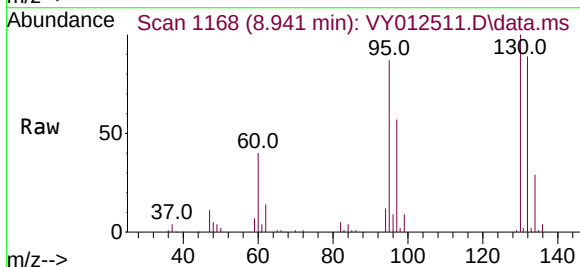
Acq: 07 Feb 2023 10:59

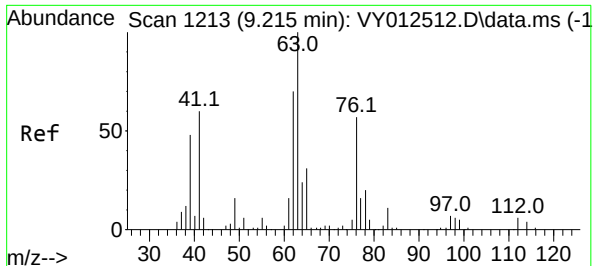
Tgt Ion:130 Resp: 39043

Ion Ratio Lower Upper

130 100

95 86.6 0.0 181.2





#45

1,2-Dichloropropane

Concen: 19.669 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

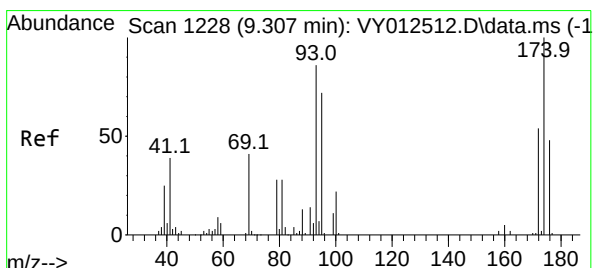
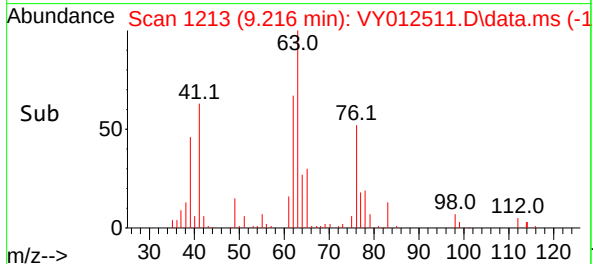
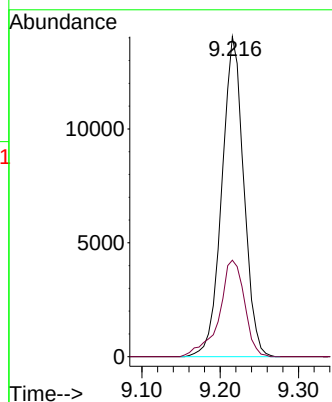
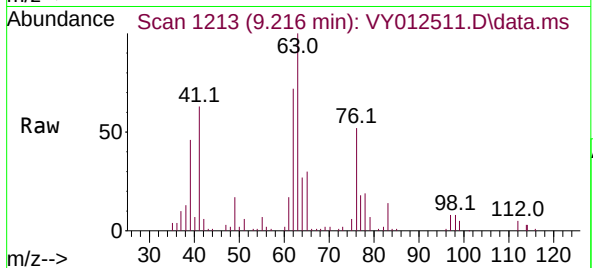
VSTDIC020

Tgt Ion: 63 Resp: 27311

Ion Ratio Lower Upper

63 100

65 30.2 24.6 37.0



#46

Dibromomethane

Concen: 19.765 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

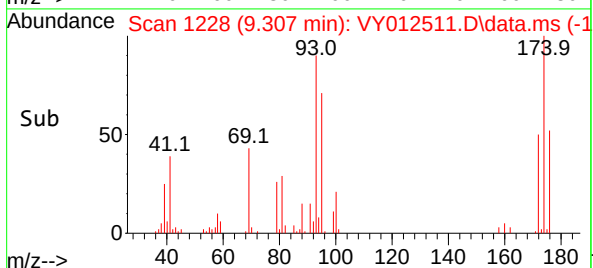
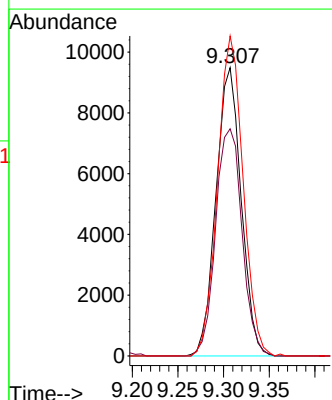
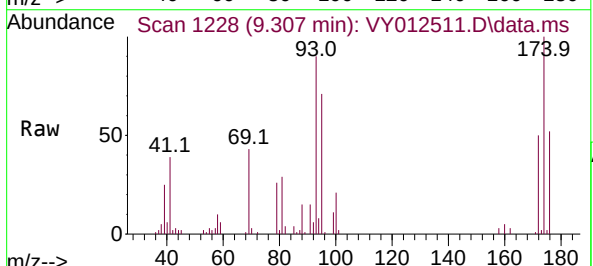
Tgt Ion: 93 Resp: 18172

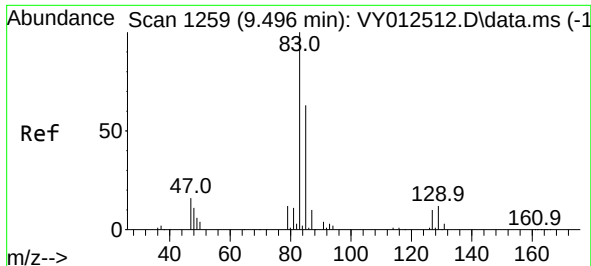
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

174 112.5 93.4 140.2

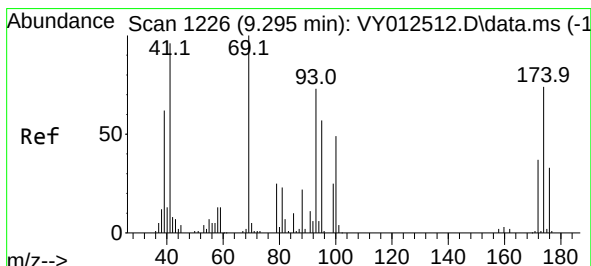
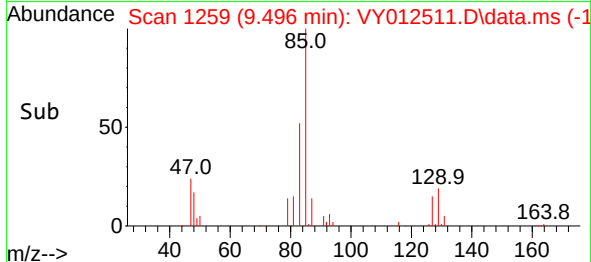
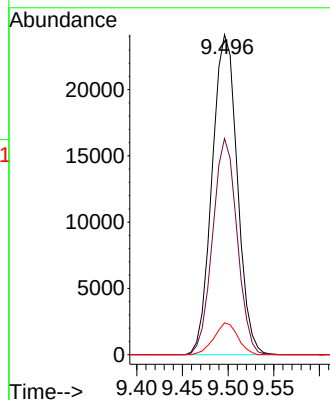
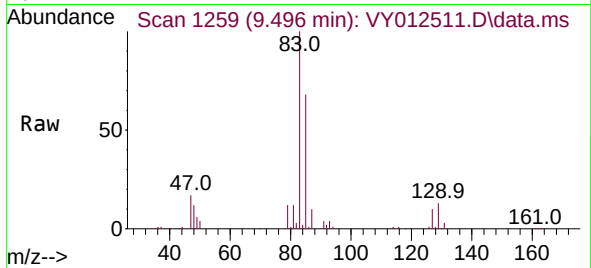




#47
Bromodichloromethane
Concen: 19.390 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

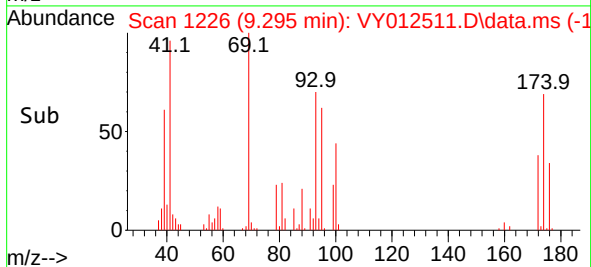
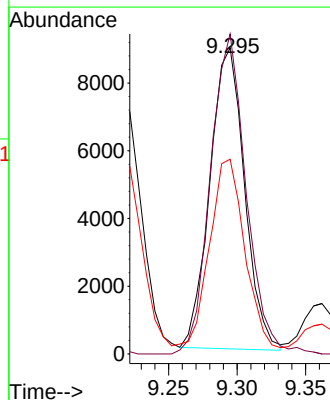
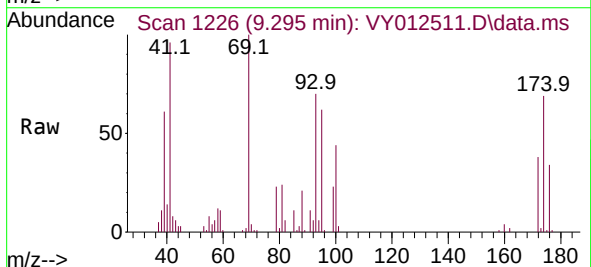
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

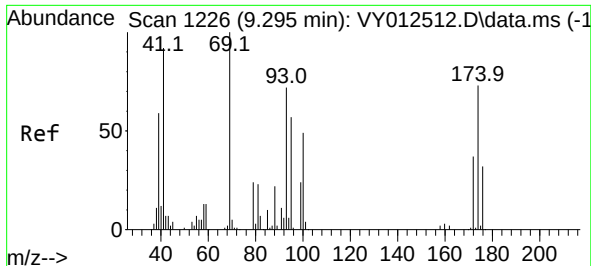
Tgt Ion: 83 Resp: 46224
Ion Ratio Lower Upper
83 100
85 67.6 50.7 76.1
127 10.0 8.1 12.1



#48
Methyl methacrylate
Concen: 18.830 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 41 Resp: 15612
Ion Ratio Lower Upper
41 100
69 109.6 85.4 128.2
39 68.3 52.7 79.1





#49

1,4-Dioxane

Concen: 376.936 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

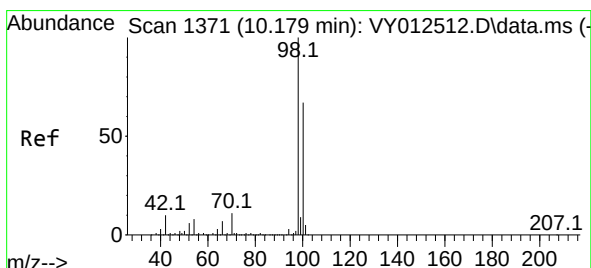
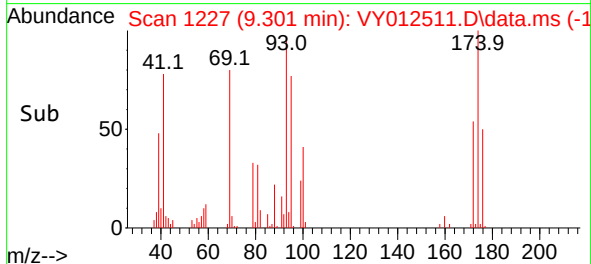
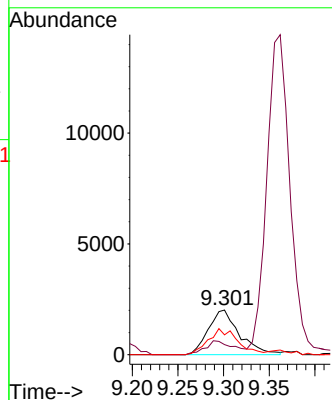
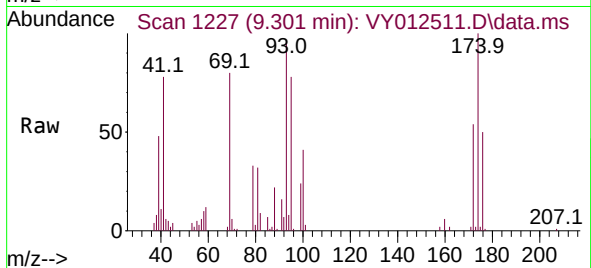
Tgt Ion: 88 Resp: 4784

Ion Ratio Lower Upper

88 100

43 28.7 22.6 33.8

58 54.9 45.4 68.0



#50

Toluene-d8

Concen: 19.092 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012511.D

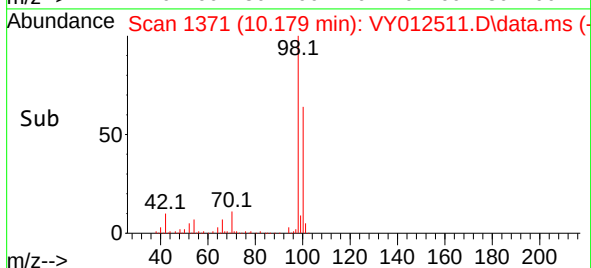
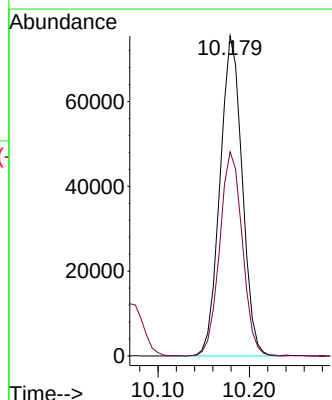
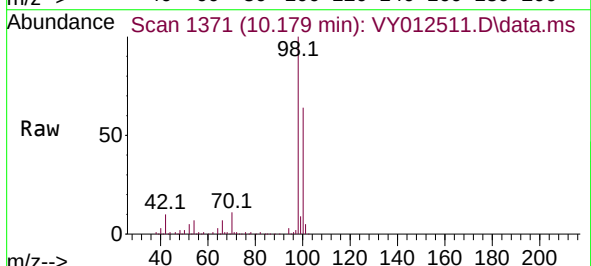
Acq: 07 Feb 2023 10:59

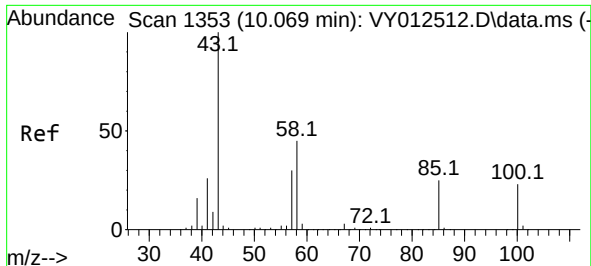
Tgt Ion: 98 Resp: 127298

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

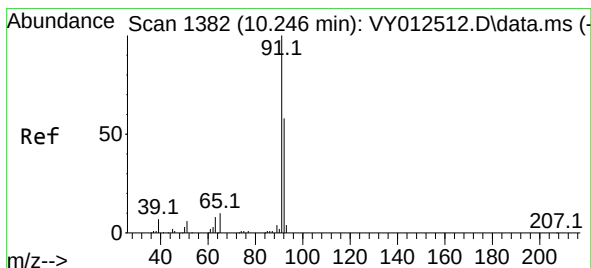
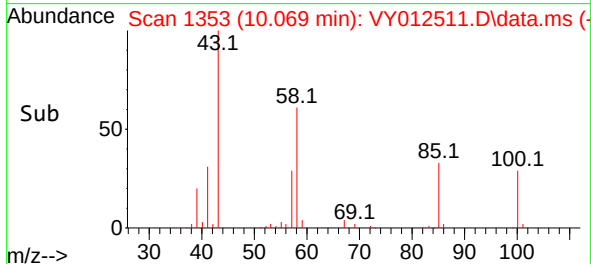
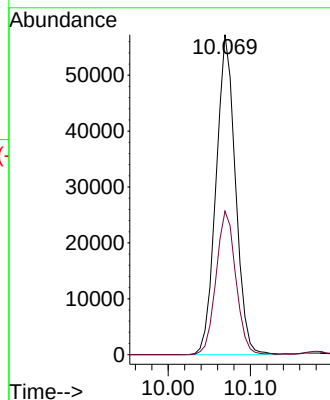
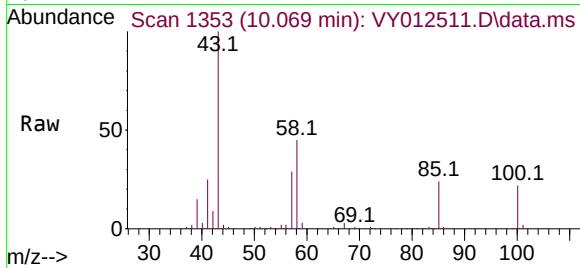




#51
4-Methyl-2-Pentanone
Concen: 95.911 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

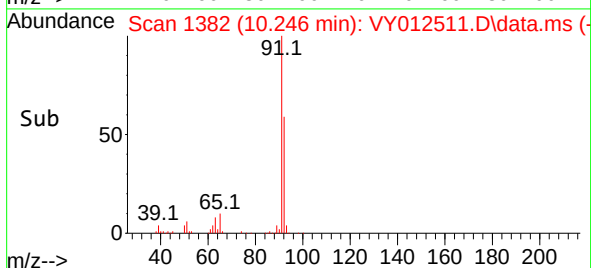
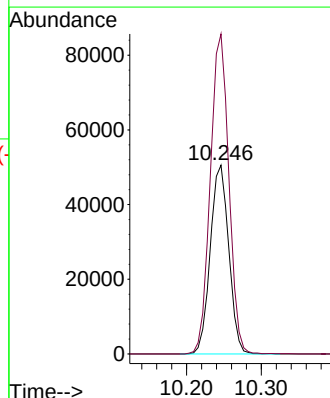
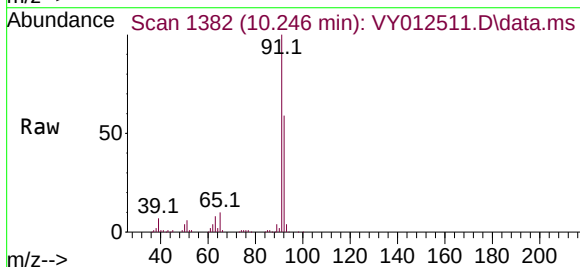
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

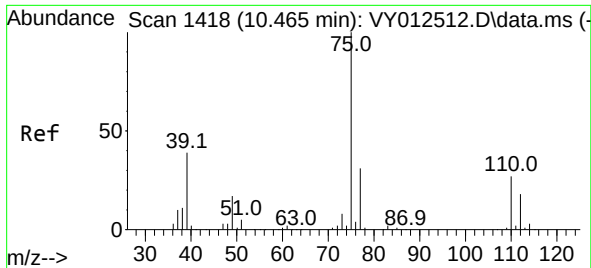
Tgt Ion: 43 Resp: 93860
Ion Ratio Lower Upper
43 100
58 45.7 36.2 54.2



#52
Toluene
Concen: 19.970 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 92 Resp: 86719
Ion Ratio Lower Upper
92 100
91 169.9 137.2 205.8

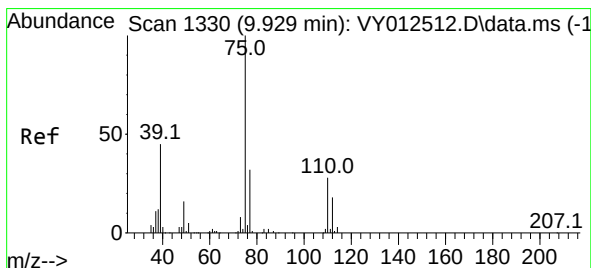
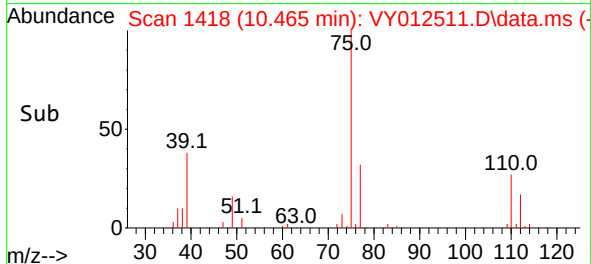
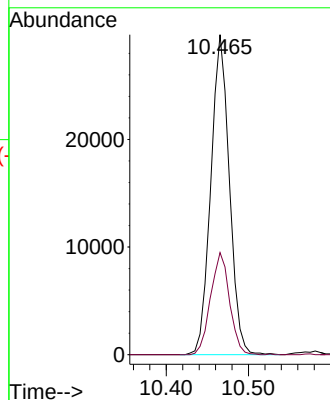
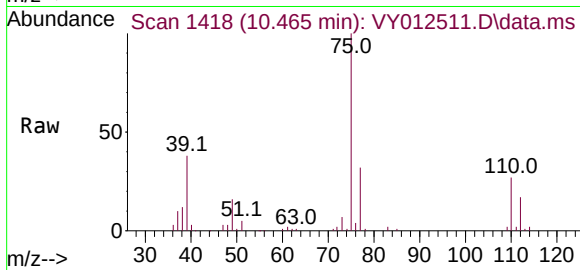




#53
 t-1,3-Dichloropropene
 Concen: 19.407 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012511.D
 Acq: 07 Feb 2023 10:59

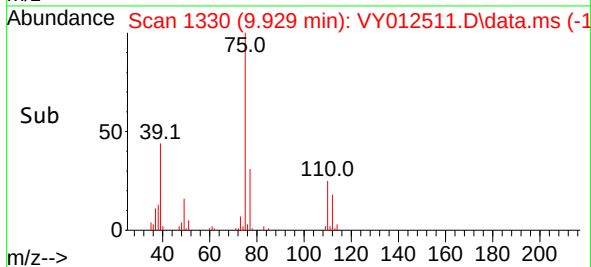
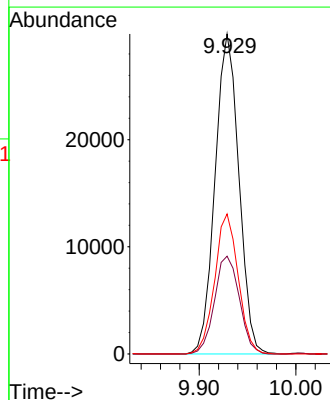
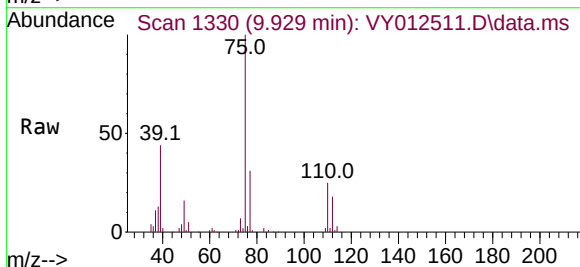
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

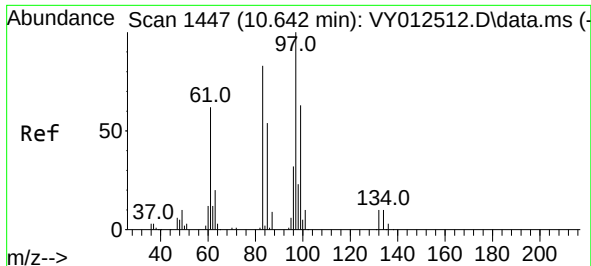
Tgt Ion: 75 Resp: 46617
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.633 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012511.D
 Acq: 07 Feb 2023 10:59

Tgt Ion: 75 Resp: 51037
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5
 39 43.7 36.0 54.0

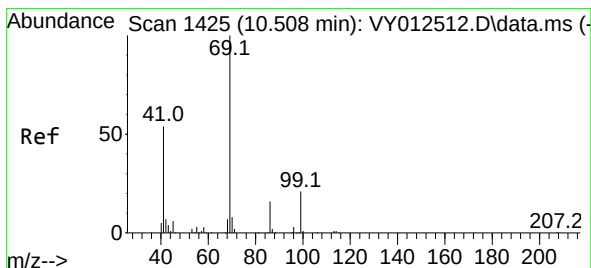
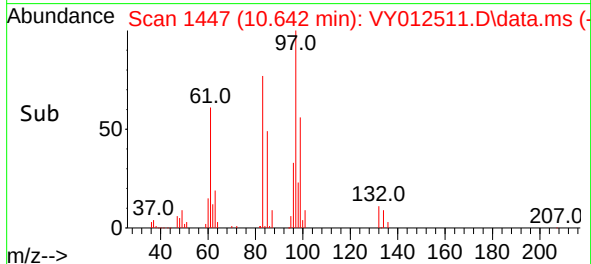
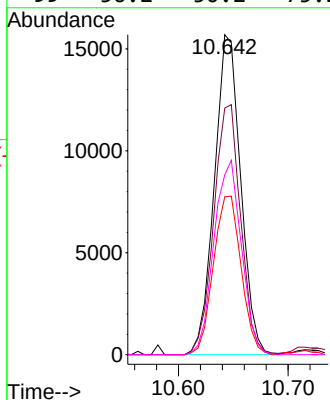
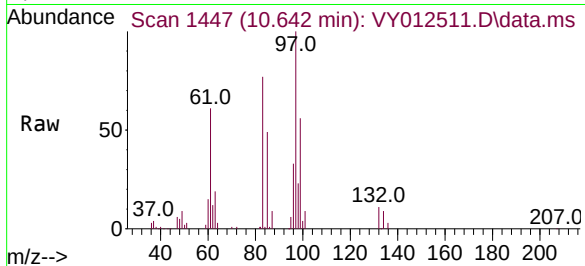




#55
1,1,2-Trichloroethane
Concen: 19.550 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

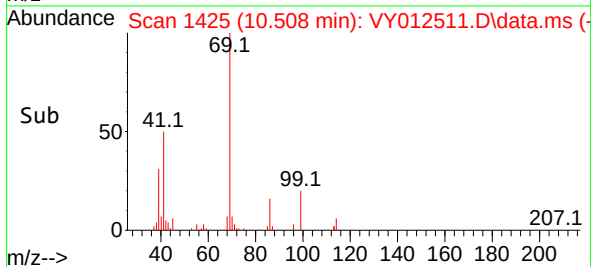
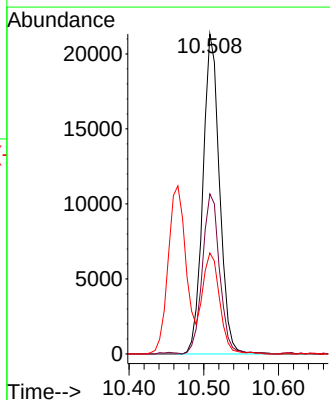
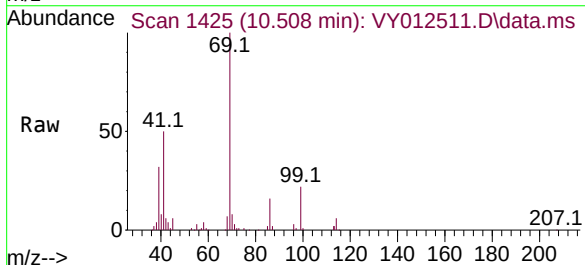
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

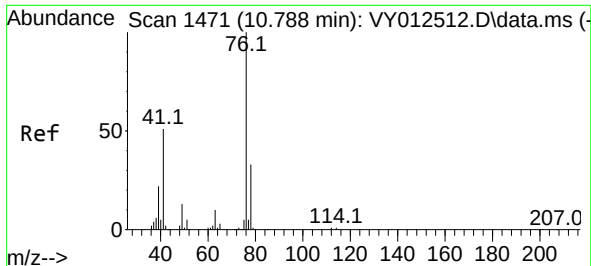
Tgt Ion: 97	Resp: 26263
Ion Ratio	Lower Upper
97 100	
83 77.0	66.0 99.0
85 49.3	43.1 64.7
99 56.2	50.2 75.2



#56
Ethyl methacrylate
Concen: 19.491 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 69	Resp: 32898
Ion Ratio	Lower Upper
69 100	
41 52.3	43.4 65.2
39 32.5	26.5 39.7





#57

1,3-Dichloropropane

Concen: 19.652 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

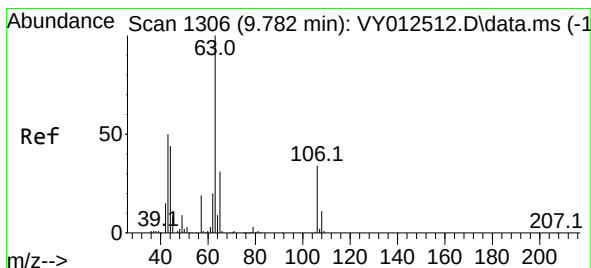
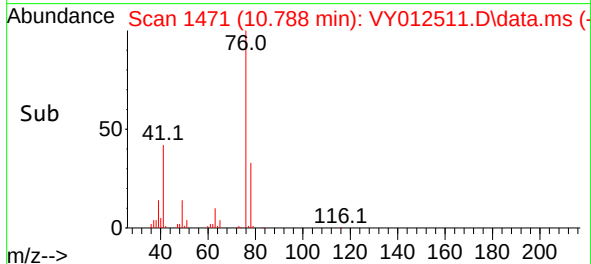
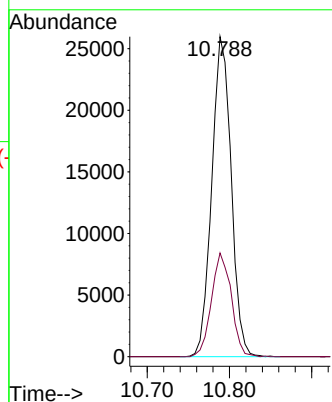
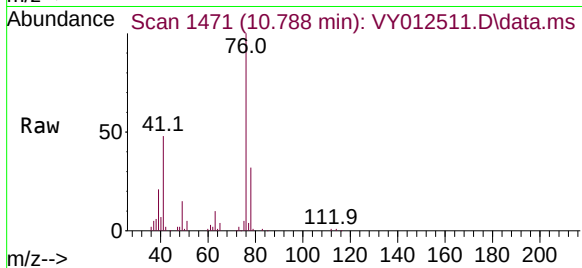
VSTDIC020

Tgt Ion: 76 Resp: 42609

Ion Ratio Lower Upper

76 100

78 33.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.533 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012511.D

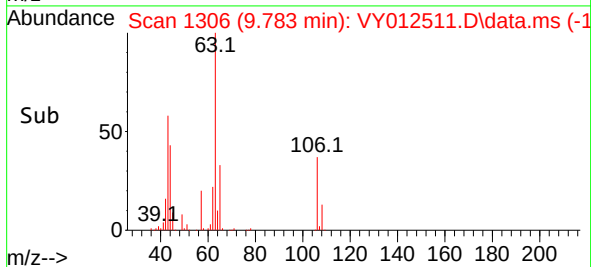
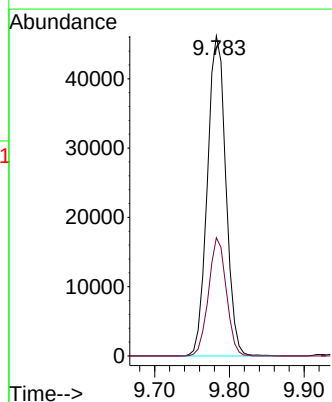
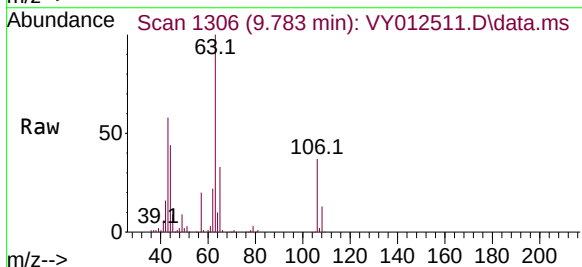
Acq: 07 Feb 2023 10:59

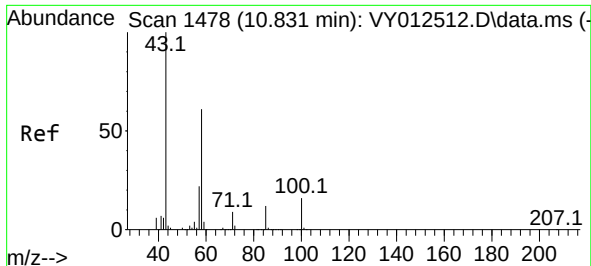
Tgt Ion: 63 Resp: 79302

Ion Ratio Lower Upper

63 100

106 35.5 28.0 42.0

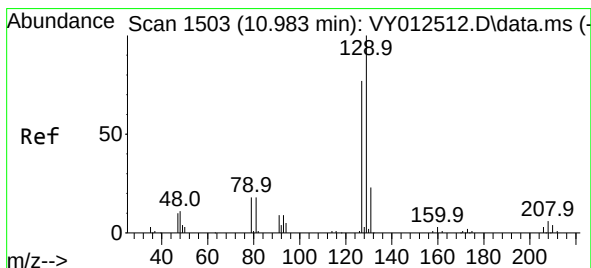
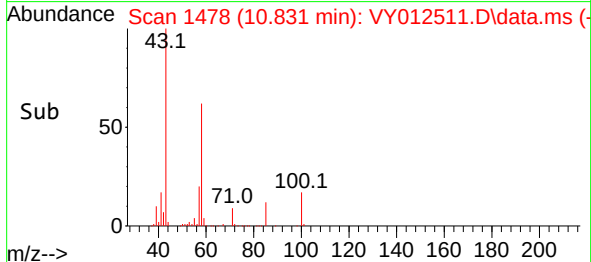
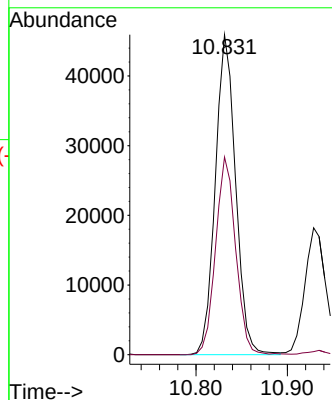
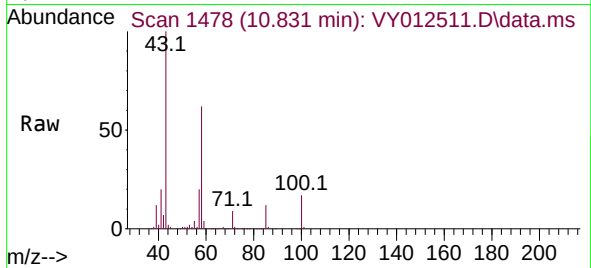




#59
2-Hexanone
Concen: 96.003 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

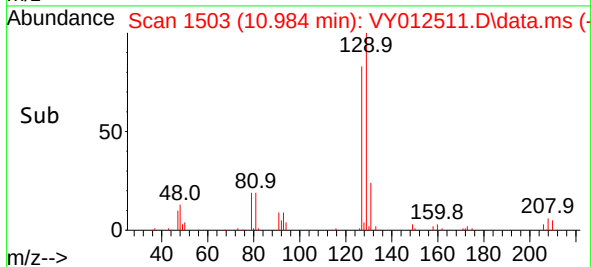
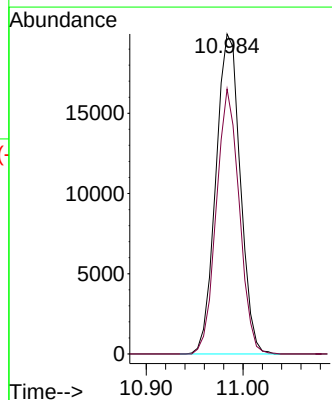
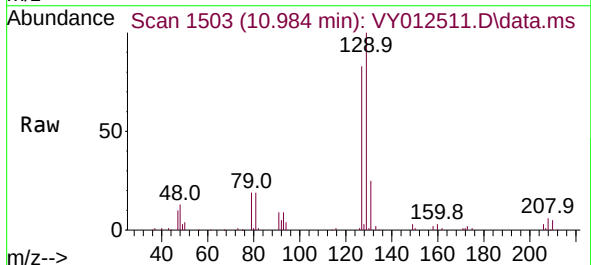
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

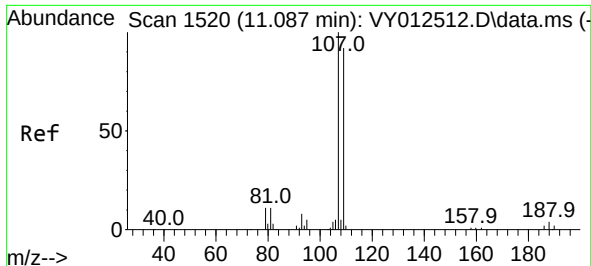
Tgt Ion: 43 Resp: 71000
Ion Ratio Lower Upper
43 100
58 61.1 30.9 92.5



#60
Dibromochloromethane
Concen: 19.513 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 129 Resp: 34944
Ion Ratio Lower Upper
129 100
127 77.8 38.0 114.1

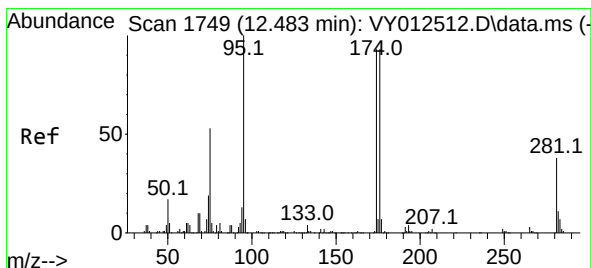
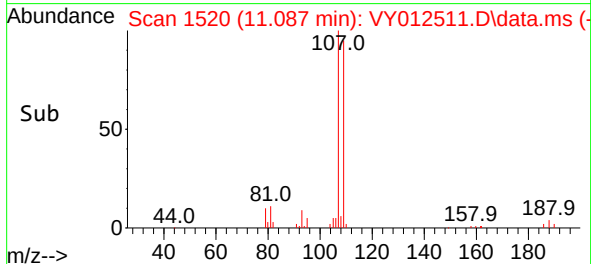
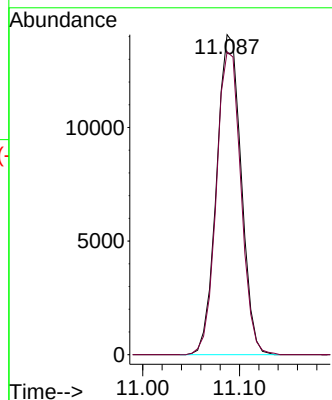
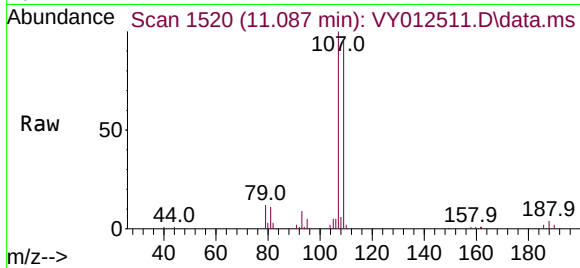




#61
1,2-Dibromoethane
Concen: 19.737 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

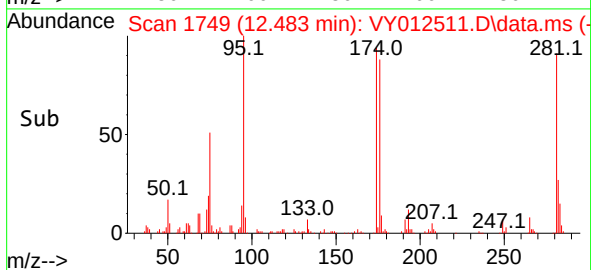
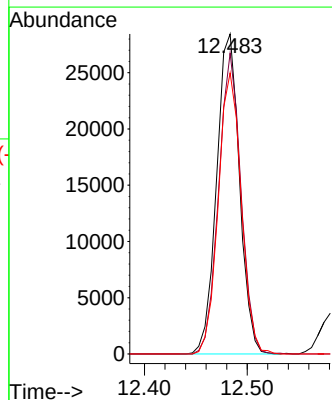
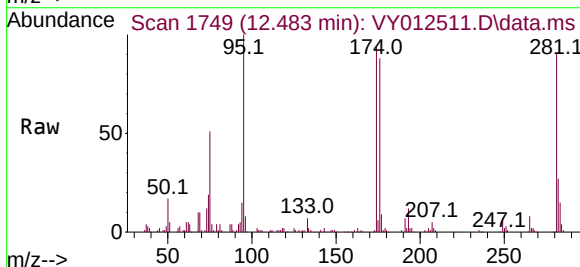
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

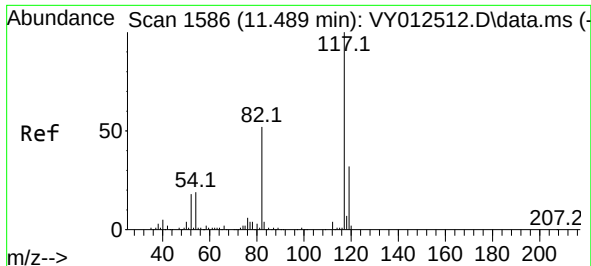
Tgt Ion:107 Resp: 24844
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 18.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 95 Resp: 43934
Ion Ratio Lower Upper
95 100
174 91.4 0.0 188.0
176 88.0 0.0 183.6

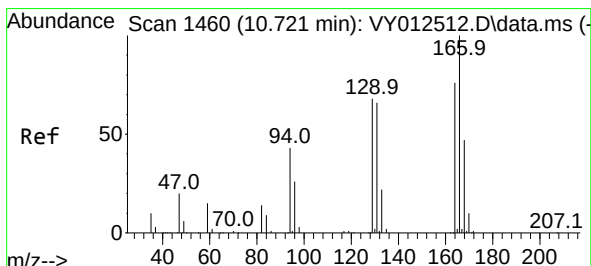
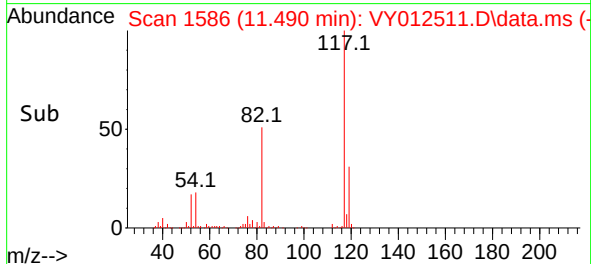
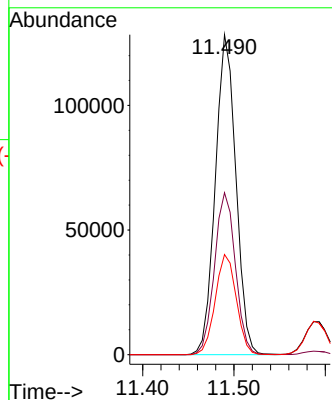
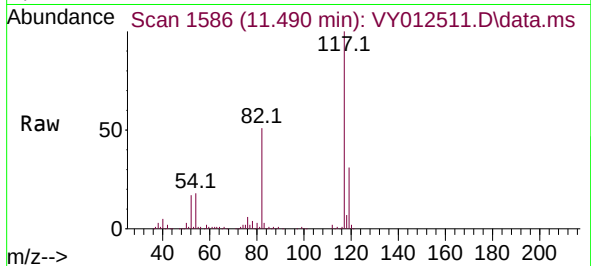




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

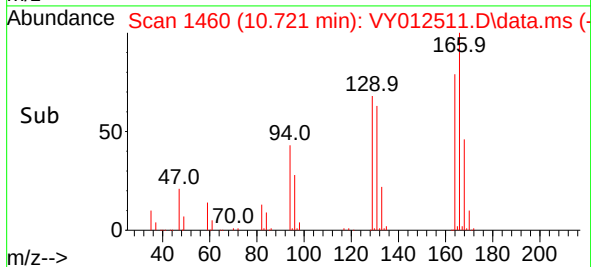
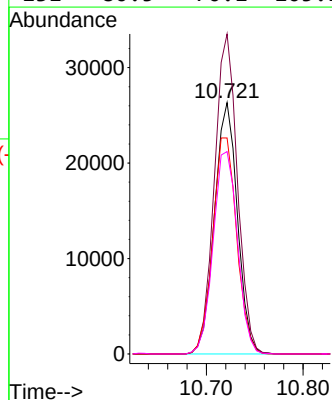
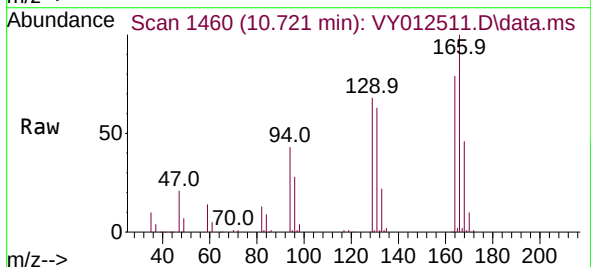
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

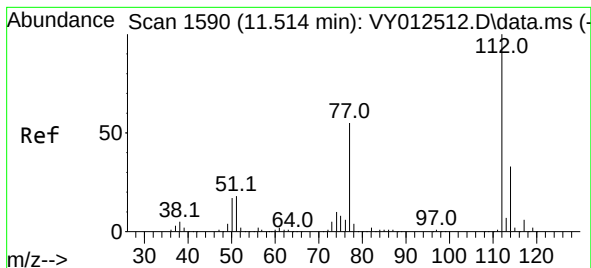
Tgt Ion:117 Resp: 201047
Ion Ratio Lower Upper
117 100
82 50.6 41.7 62.5
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 20.703 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion:164 Resp: 43455
Ion Ratio Lower Upper
164 100
166 127.3 105.7 158.5
129 85.9 71.8 107.6
131 80.5 70.1 105.1





#65

Chlorobenzene

Concen: 19.605 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

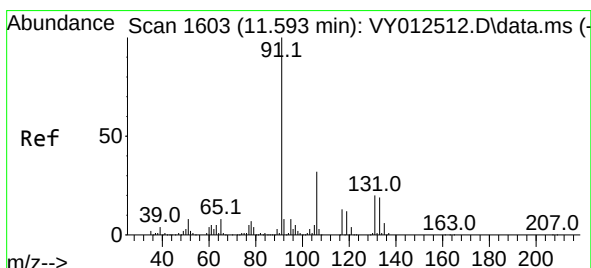
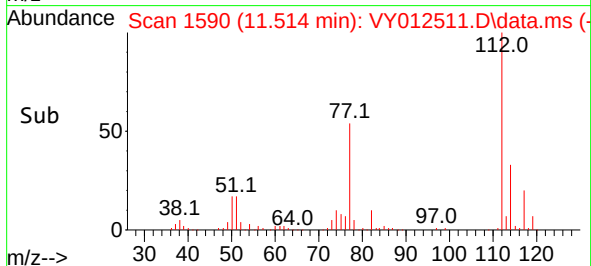
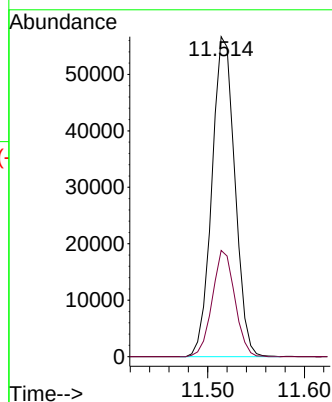
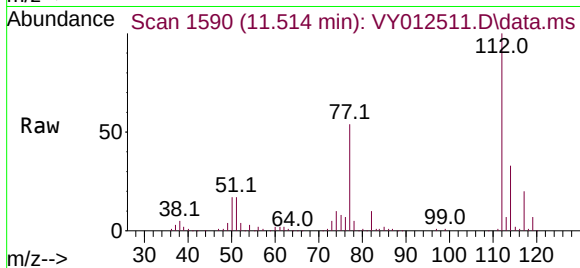
VSTDICC020

Tgt Ion:112 Resp: 93485

Ion Ratio Lower Upper

112 100

114 33.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.373 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

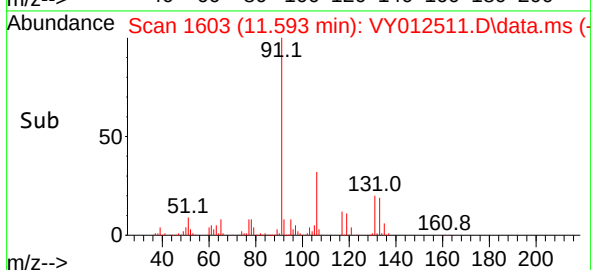
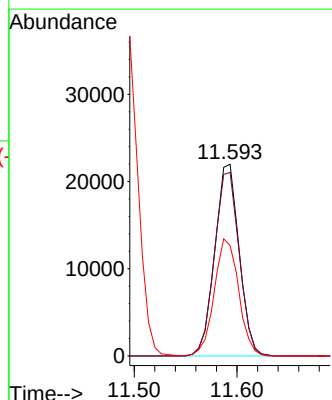
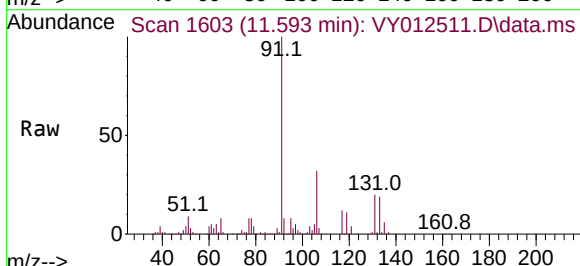
Tgt Ion:131 Resp: 36202

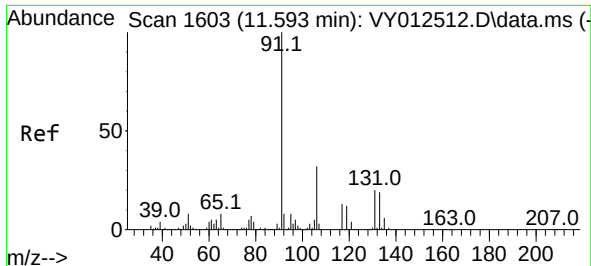
Ion Ratio Lower Upper

131 100

133 97.7 48.5 145.5

119 61.2 30.7 92.1

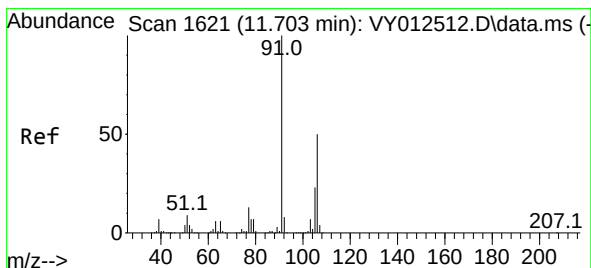
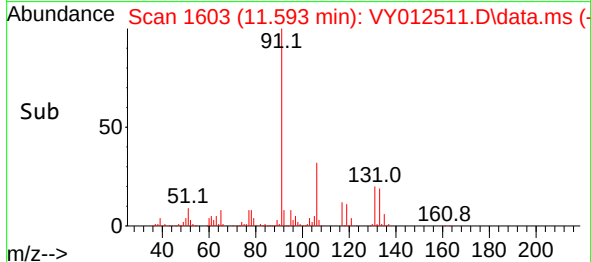
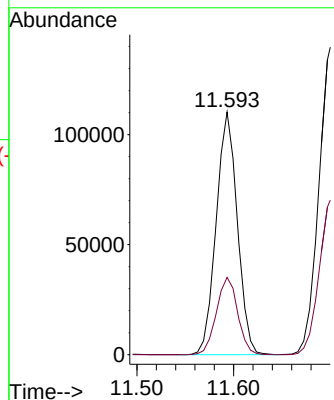
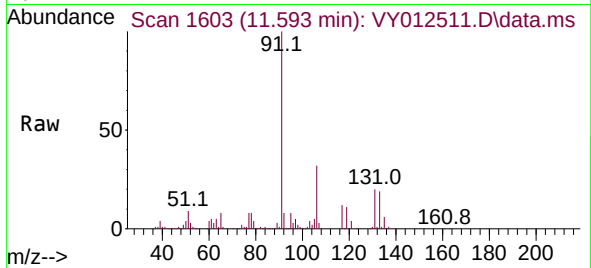




#67
Ethyl Benzene
Concen: 19.968 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

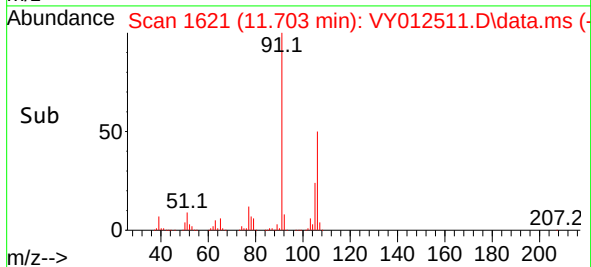
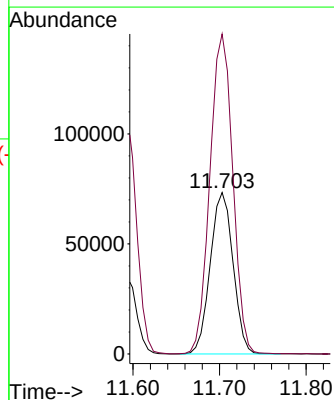
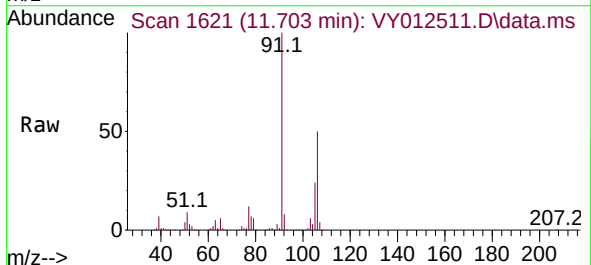
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

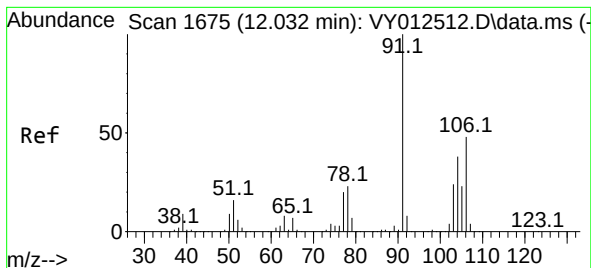
Tgt Ion: 91 Resp: 167158
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 40.204 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 106 Resp: 134343
Ion Ratio Lower Upper
106 100
91 198.5 160.3 240.5





#69

o-Xylene

Concen: 19.682 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

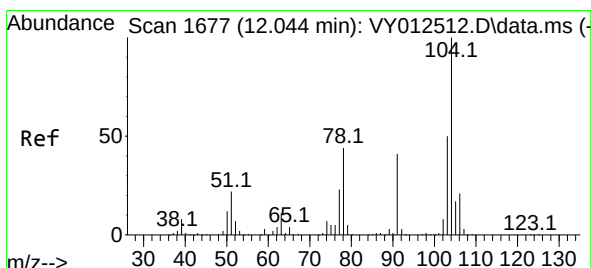
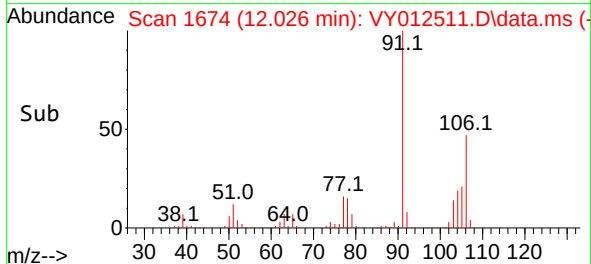
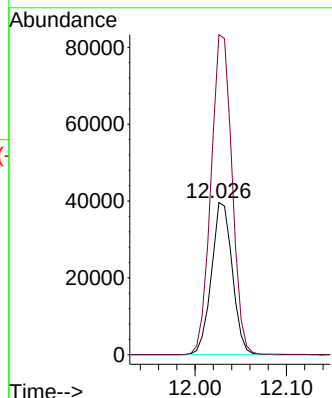
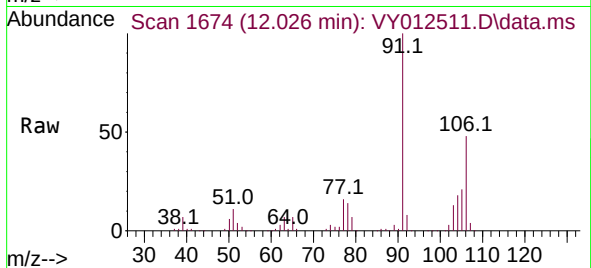
VSTDIC020

Tgt Ion:106 Resp: 62634

Ion Ratio Lower Upper

106 100

91 212.8 104.2 312.5



#70

Styrene

Concen: 19.952 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

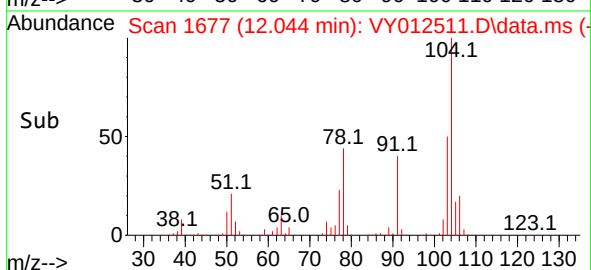
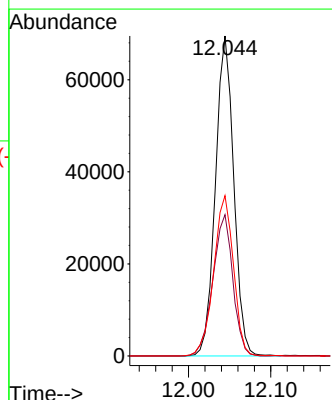
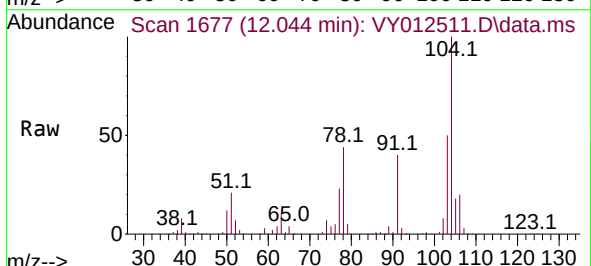
Tgt Ion:104 Resp: 107680

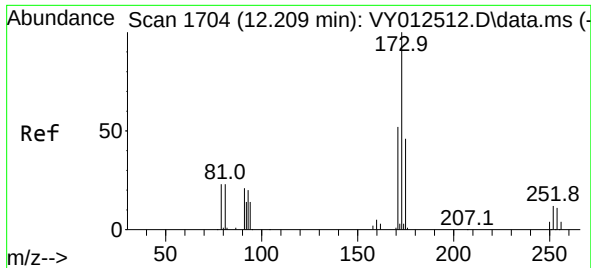
Ion Ratio Lower Upper

104 100

78 48.0 39.4 59.2

103 54.2 43.8 65.8

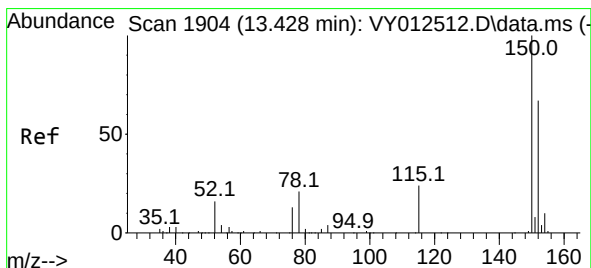
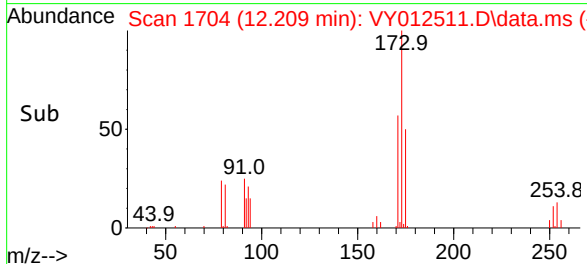
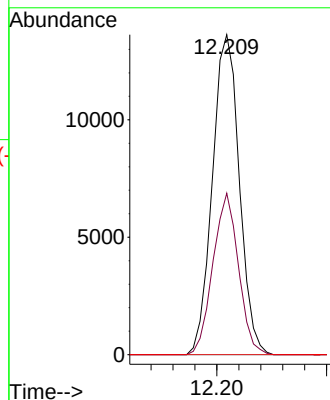
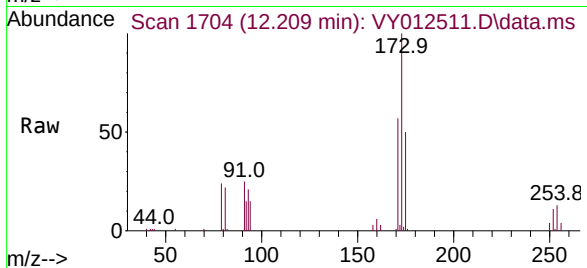




#71
Bromoform
Concen: 19.654 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

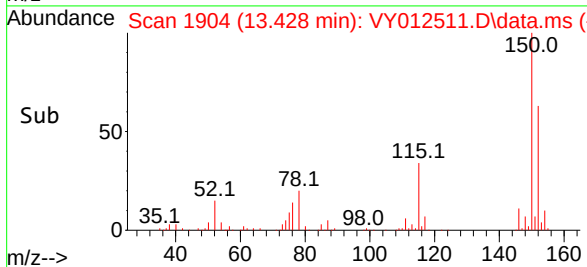
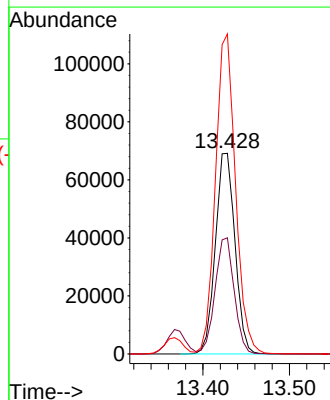
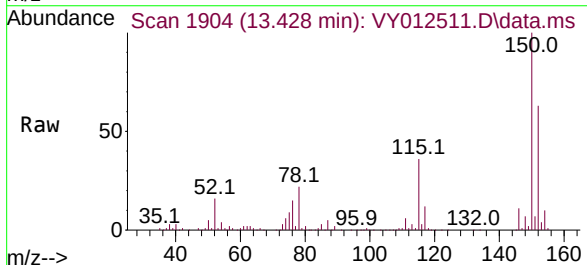
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

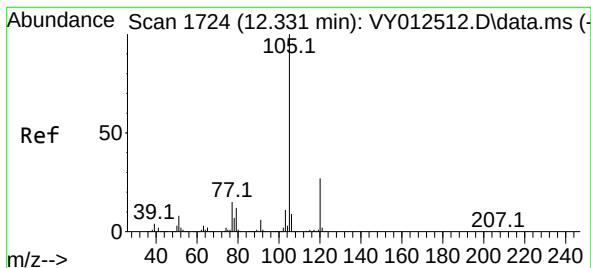
Tgt Ion:173 Resp: 23214
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion:152 Resp: 108733
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.3
150 162.4 0.0 351.0





#73

Isopropylbenzene

Concen: 19.565 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

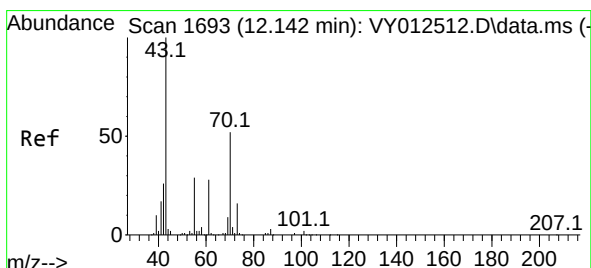
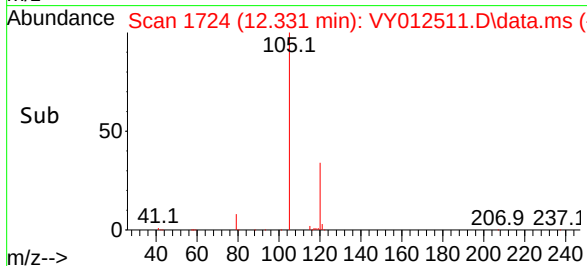
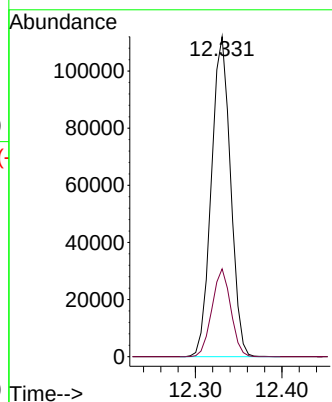
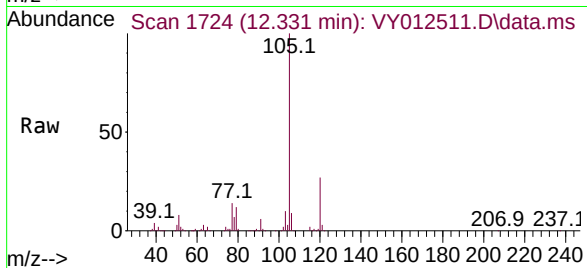
VSTDICC020

Tgt Ion:105 Resp: 172117

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 18.658 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Tgt Ion: 43 Resp: 29713

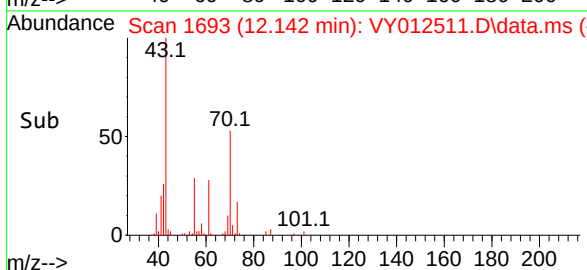
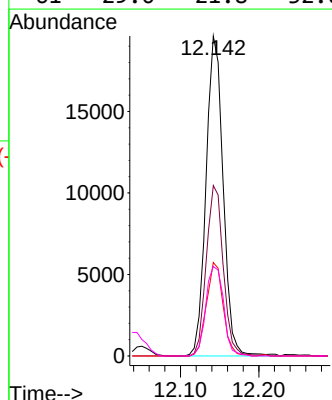
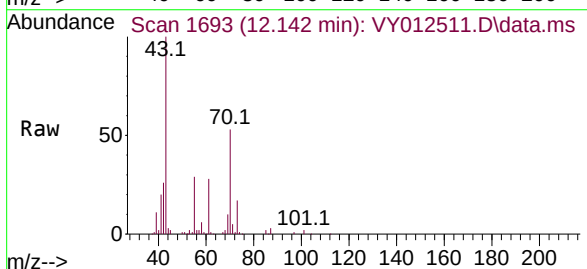
Ion Ratio Lower Upper

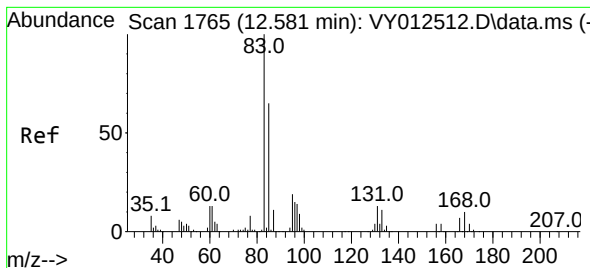
43 100

70 53.0 41.0 61.6

55 28.5 22.9 34.3

61 29.0 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.146 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

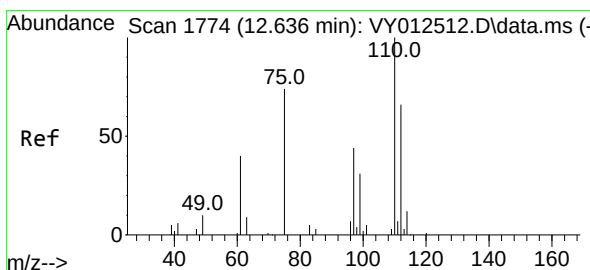
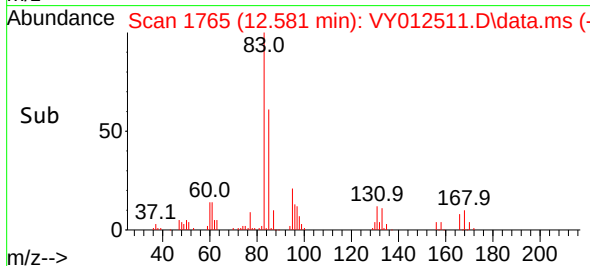
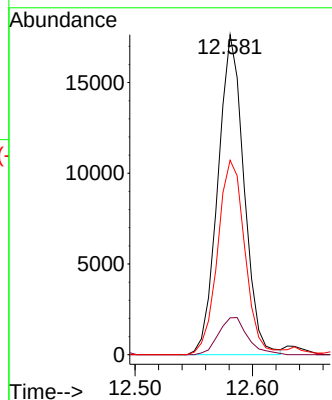
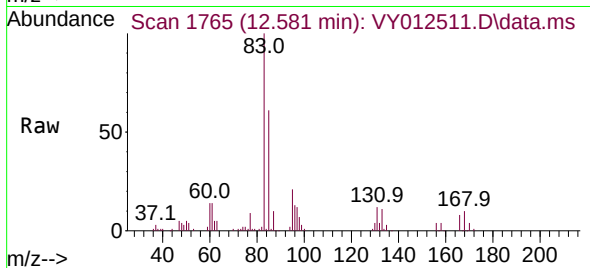
Tgt Ion: 83 Resp: 27235

Ion Ratio Lower Upper

83 100

131 12.9 6.5 19.4

85 63.6 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 32.118 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012511.D

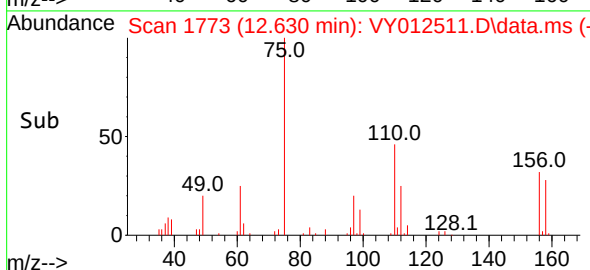
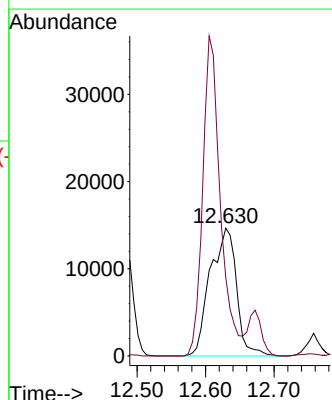
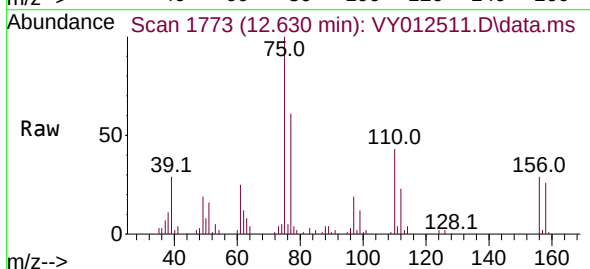
Acq: 07 Feb 2023 10:59

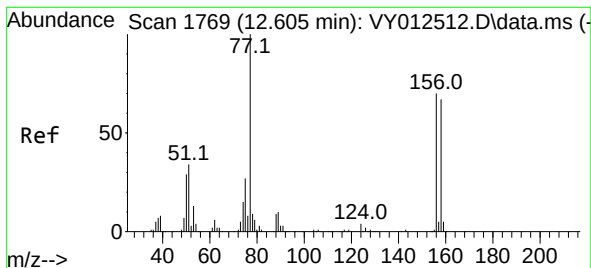
Tgt Ion: 75 Resp: 39114

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.547 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

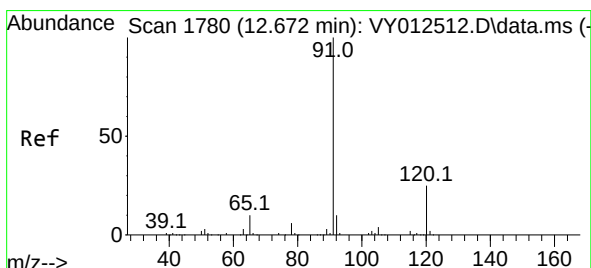
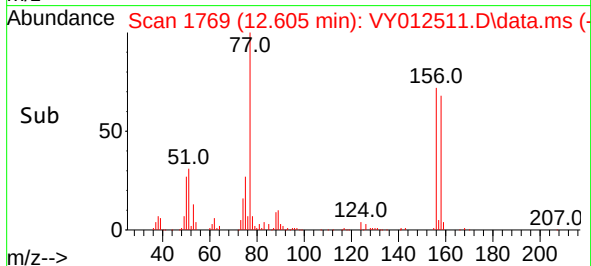
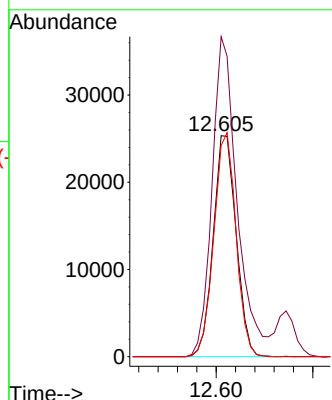
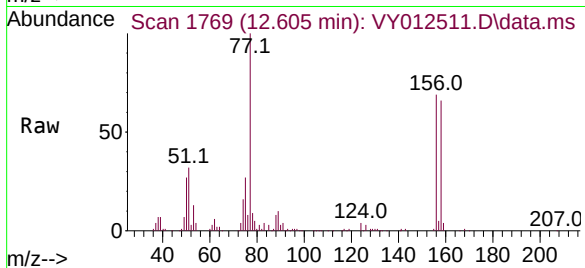
Tgt Ion:156 Resp: 41679

Ion Ratio Lower Upper

156 100

77 158.1 80.6 241.8

158 97.7 49.1 147.3



#78

n-propylbenzene

Concen: 19.698 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012511.D

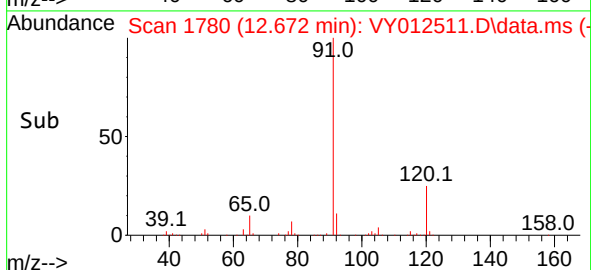
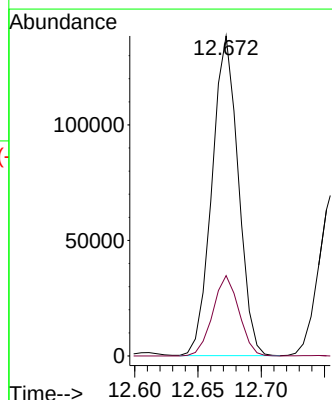
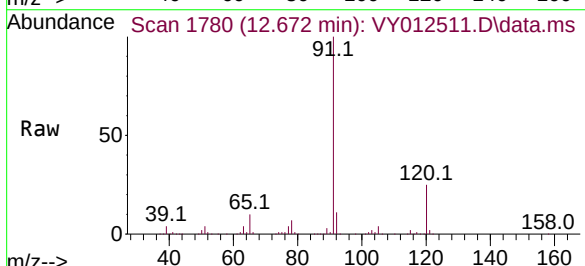
Acq: 07 Feb 2023 10:59

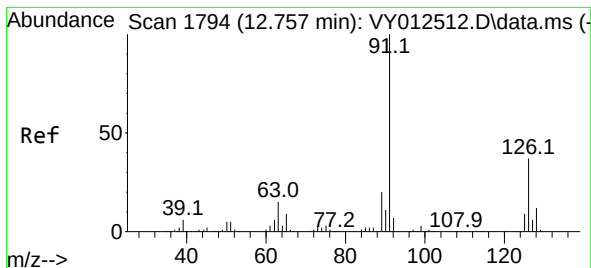
Tgt Ion: 91 Resp: 199448

Ion Ratio Lower Upper

91 100

120 25.1 12.4 37.4





#79

2-Chlorotoluene

Concen: 19.785 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

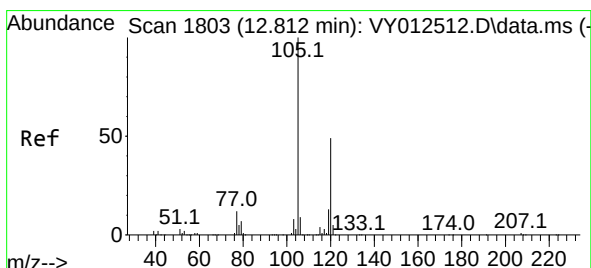
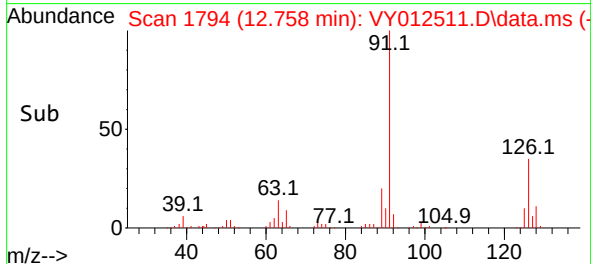
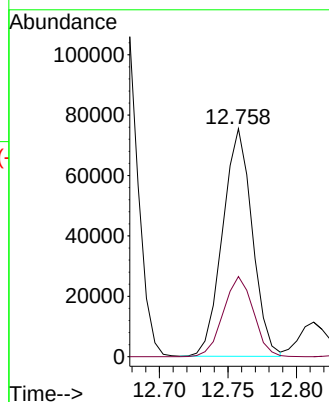
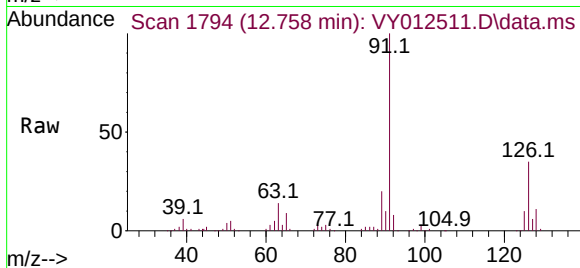
VSTDICC020

Tgt Ion: 91 Resp: 113727

Ion Ratio Lower Upper

91 100

126 35.6 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 19.815 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012511.D

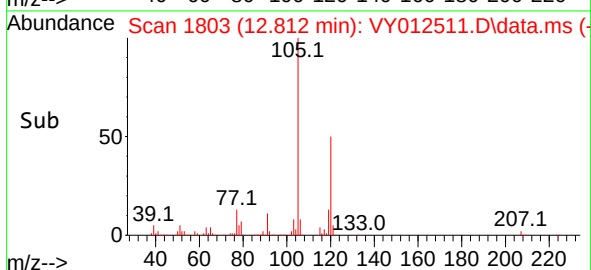
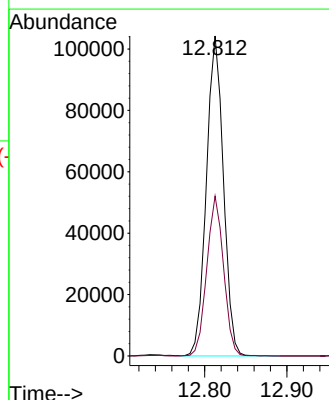
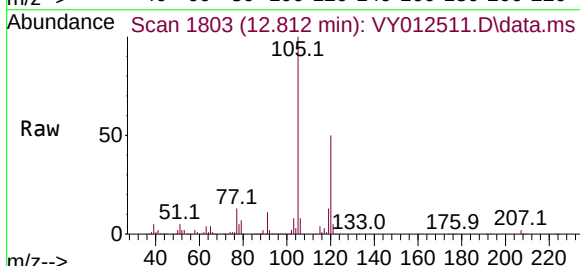
Acq: 07 Feb 2023 10:59

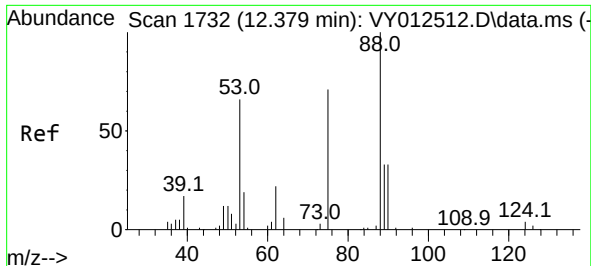
Tgt Ion:105 Resp: 150058

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0

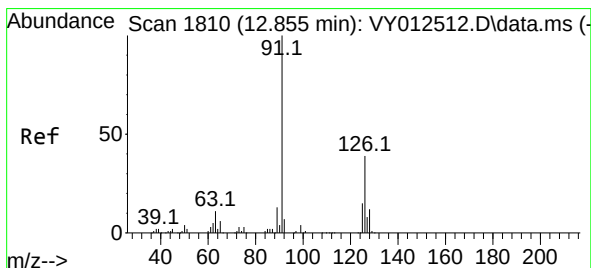
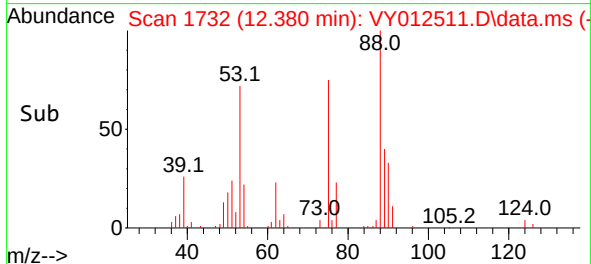
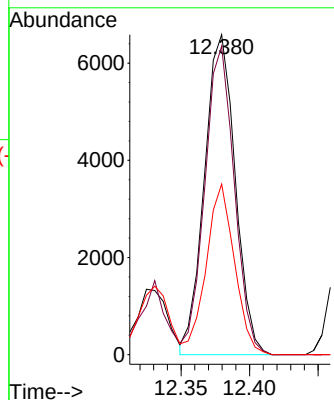
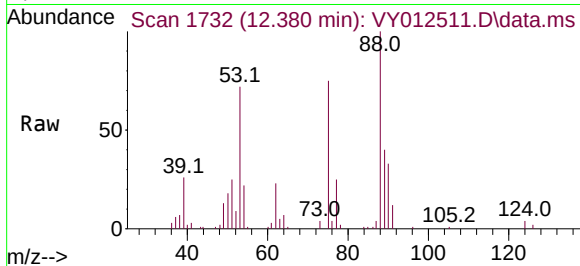




#81
trans-1,4-Dichloro-2-butene
Concen: 19.122 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

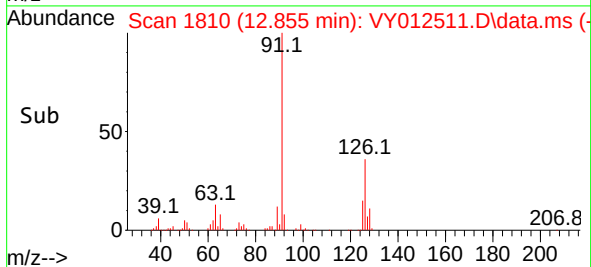
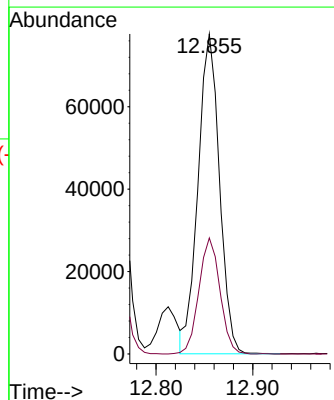
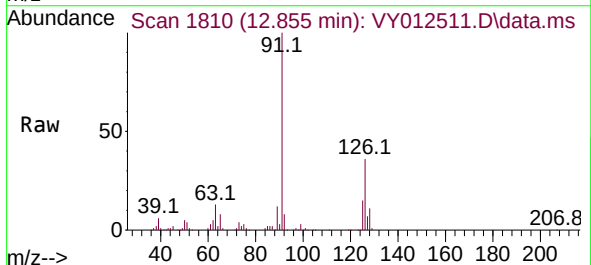
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

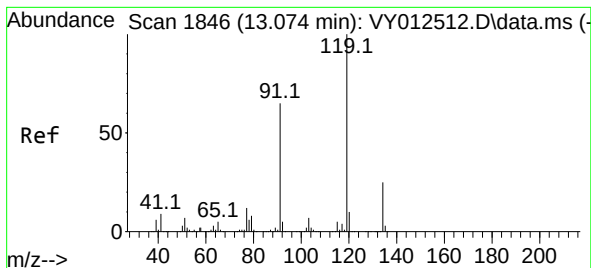
Tgt Ion: 75 Resp: 10301
Ion Ratio Lower Upper
75 100
53 92.2 73.1 109.7
89 49.1 39.9 59.9



#82
4-Chlorotoluene
Concen: 19.816 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion: 91 Resp: 119486
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.3





#83

tert-Butylbenzene

Concen: 19.368 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

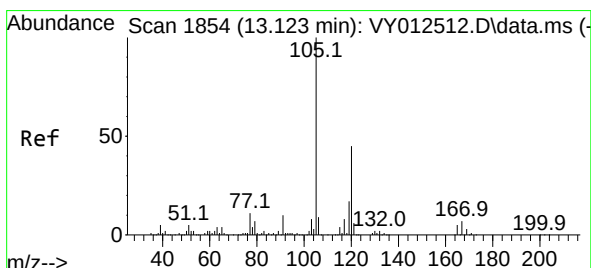
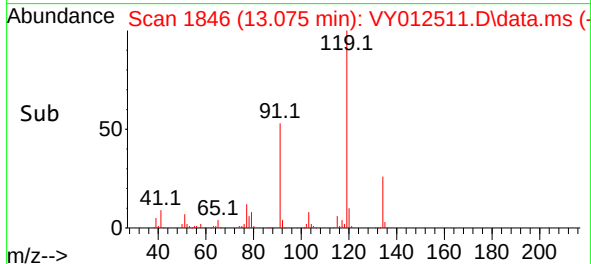
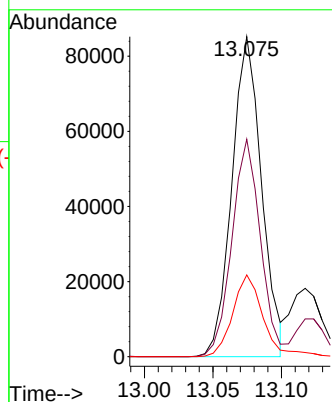
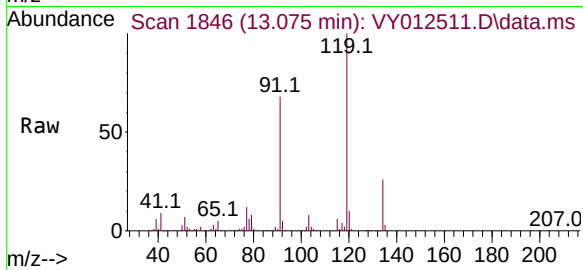
Tgt Ion:119 Resp: 128624

Ion Ratio Lower Upper

119 100

91 65.0 33.0 99.0

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.828 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012511.D

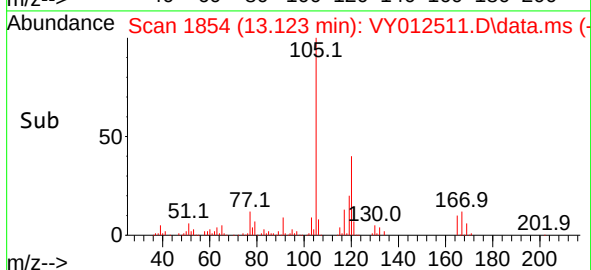
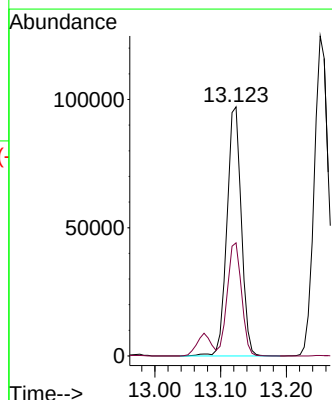
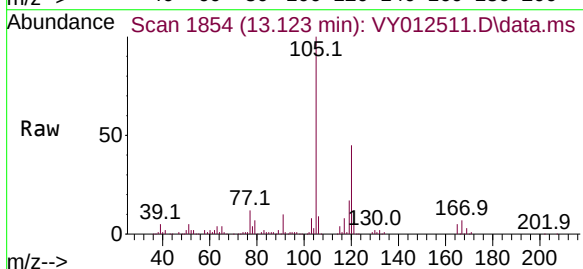
Acq: 07 Feb 2023 10:59

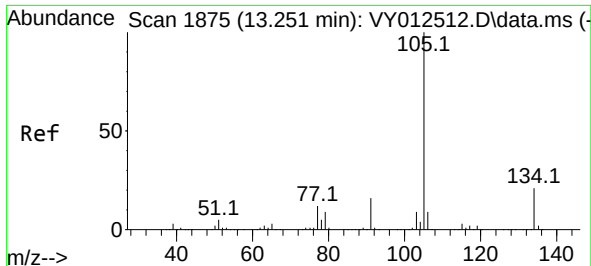
Tgt Ion:105 Resp: 147746

Ion Ratio Lower Upper

105 100

120 45.2 22.8 68.3

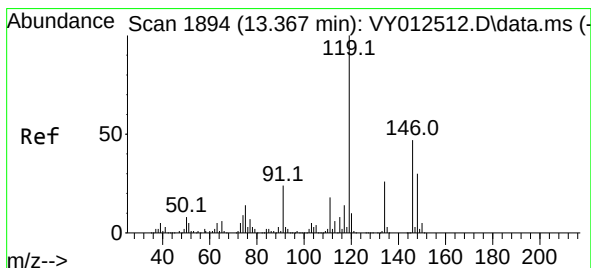
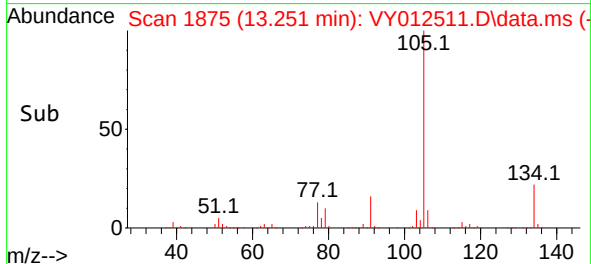
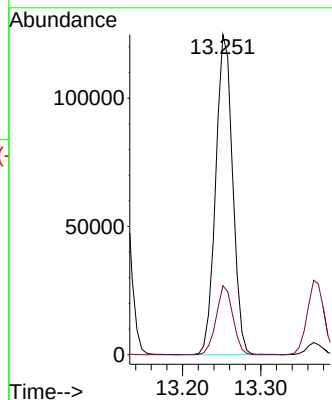
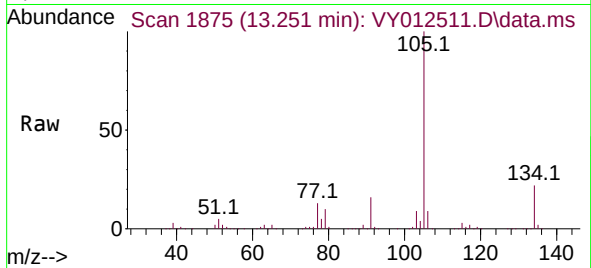




#85
 sec-Butylbenzene
 Concen: 19.730 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012511.D
 Acq: 07 Feb 2023 10:59

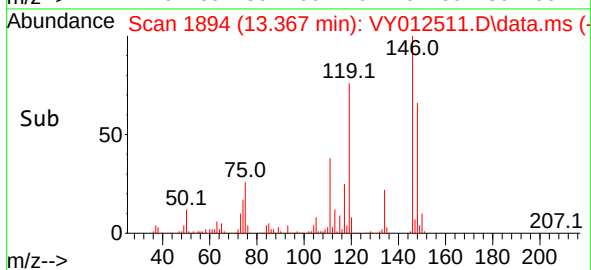
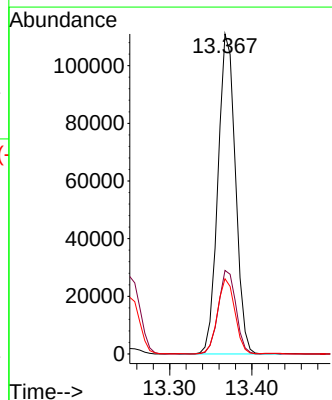
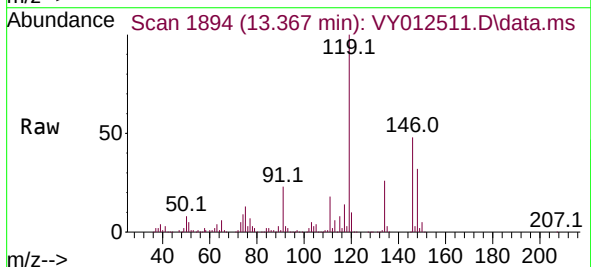
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

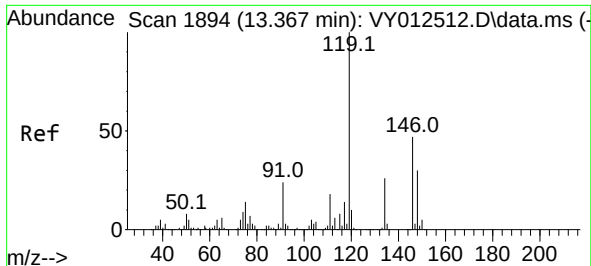
Tgt Ion:105 Resp: 187447
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 19.878 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012511.D
 Acq: 07 Feb 2023 10:59

Tgt Ion:119 Resp: 163836
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 23.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 19.540 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

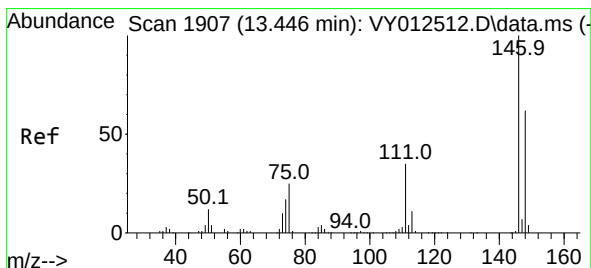
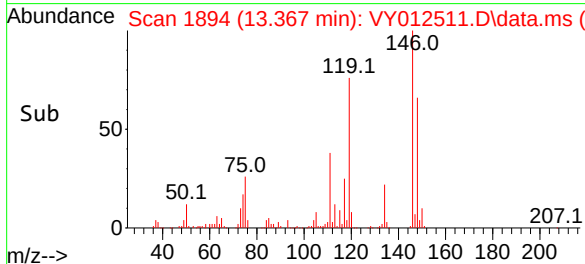
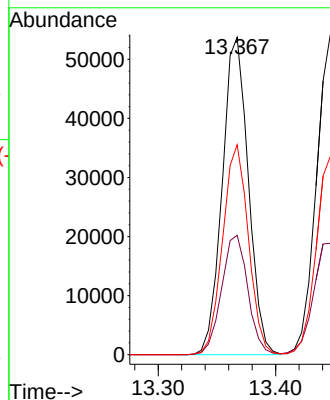
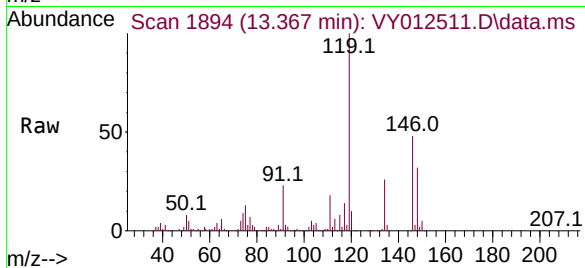
Tgt Ion:146 Resp: 82899

Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.9

148 65.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.355 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

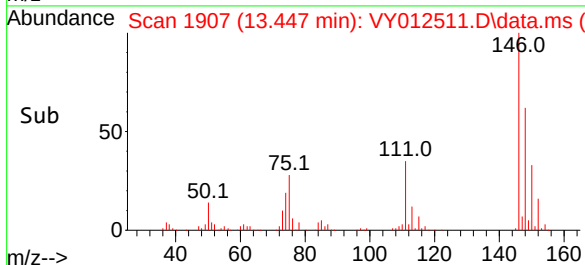
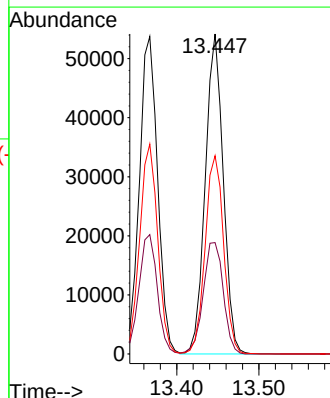
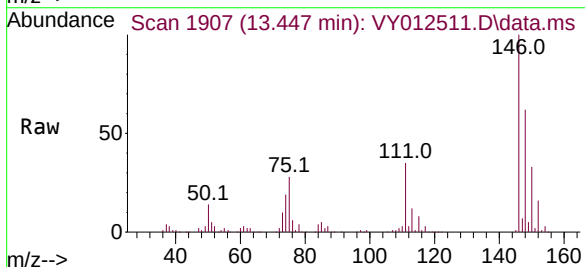
Tgt Ion:146 Resp: 82251

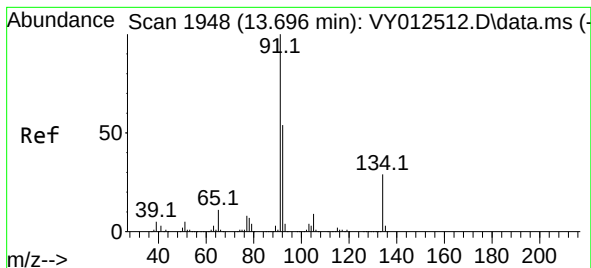
Ion Ratio Lower Upper

146 100

111 38.9 18.4 55.2

148 63.9 31.6 95.0





#89

n-Butylbenzene

Concen: 19.797 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

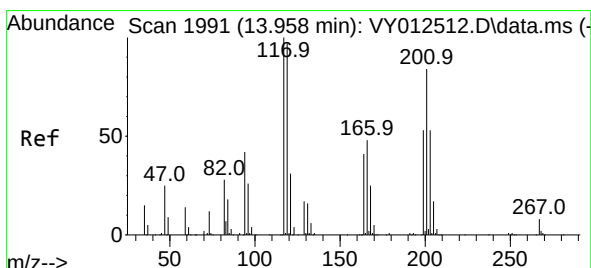
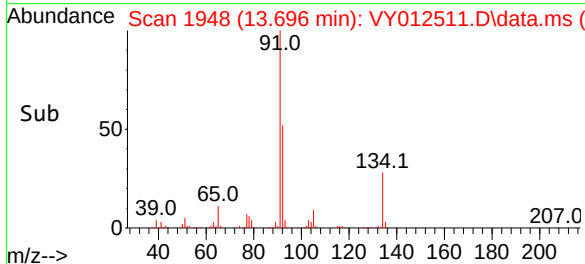
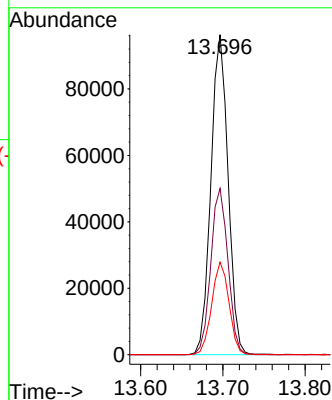
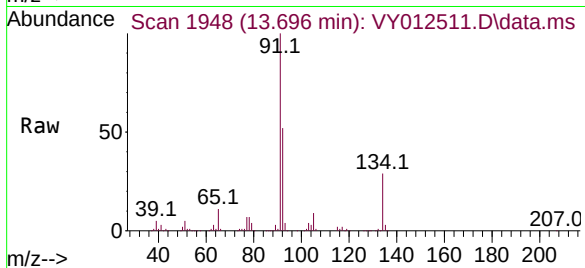
Tgt Ion: 91 Resp: 139448

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 29.1 14.5 43.5



#90

Hexachloroethane

Concen: 19.043 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012511.D

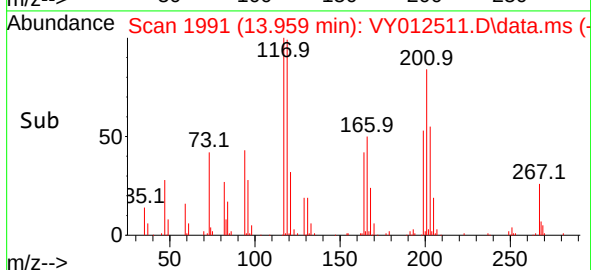
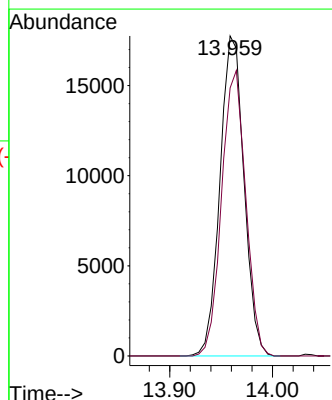
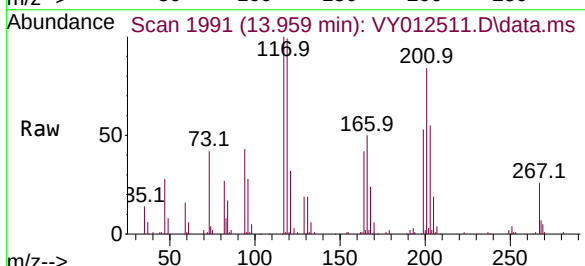
Acq: 07 Feb 2023 10:59

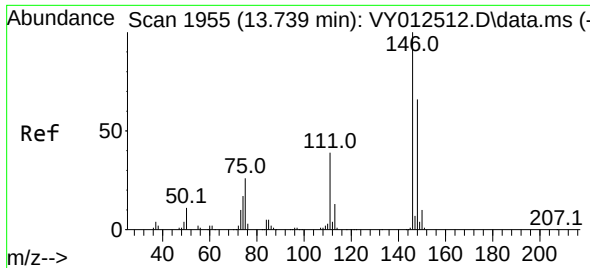
Tgt Ion: 117 Resp: 28808

Ion Ratio Lower Upper

117 100

201 89.5 43.9 131.7

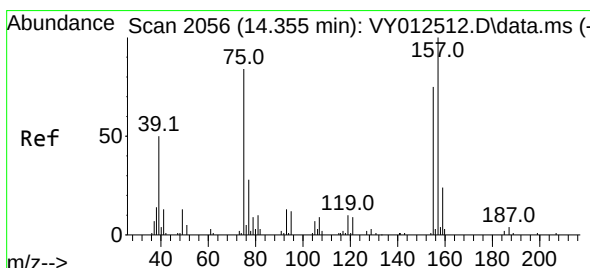
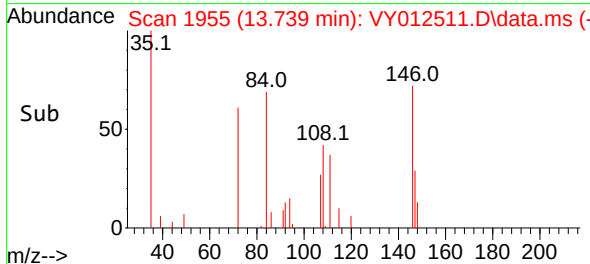
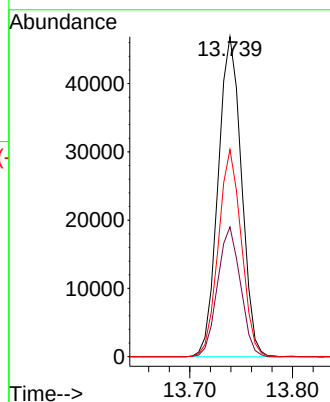
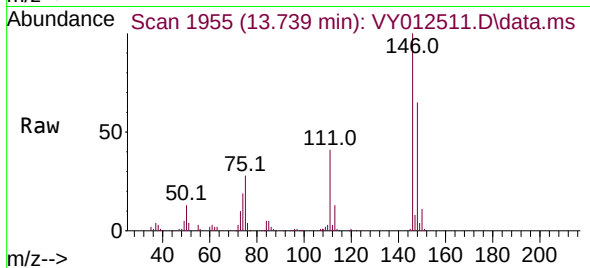




#91
1,2-Dichlorobenzene
Concen: 19.345 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

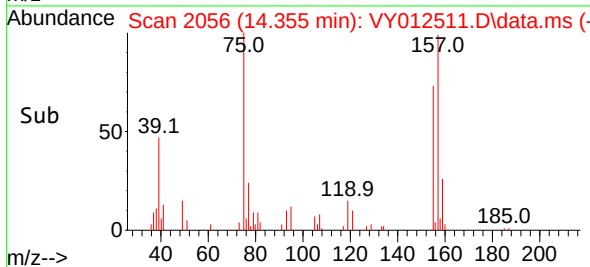
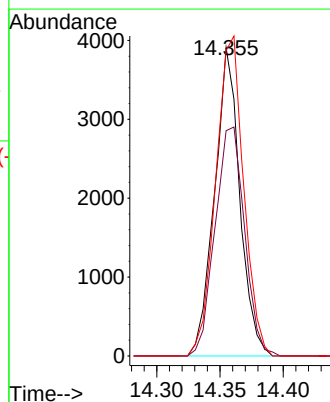
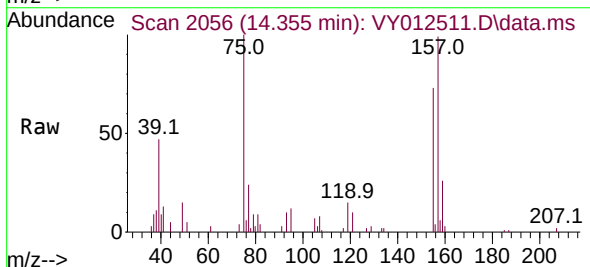
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

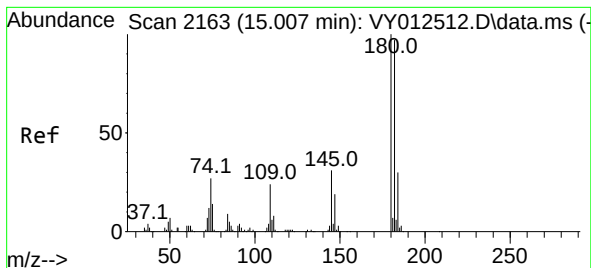
Tgt Ion:	146	Resp:	73828
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	63.7	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.115 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012511.D
Acq: 07 Feb 2023 10:59

Tgt Ion:	75	Resp:	5411
Ion	Ratio	Lower	Upper
75	100		
155	86.7	46.5	139.3
157	114.8	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.134 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

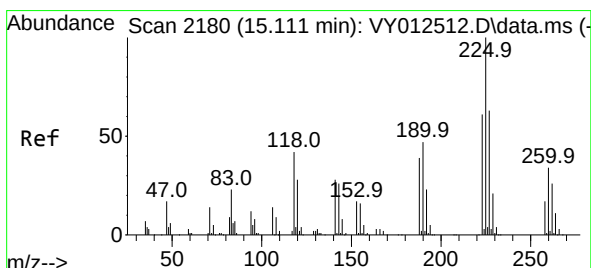
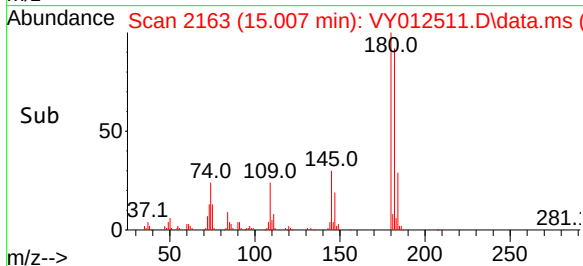
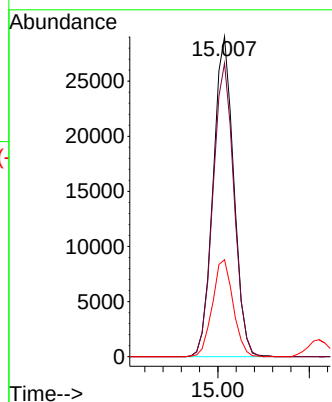
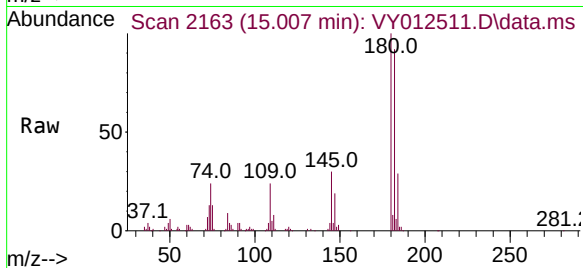
Tgt Ion:180 Resp: 45247

Ion Ratio Lower Upper

180 100

182 93.7 47.7 143.1

145 30.6 15.4 46.4



#94

Hexachlorobutadiene

Concen: 19.554 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

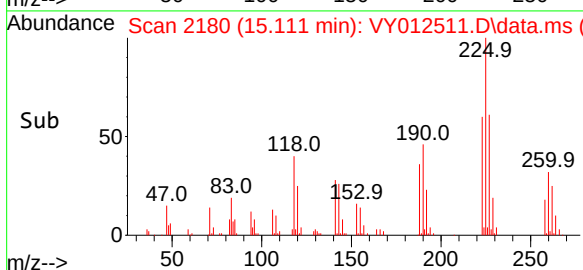
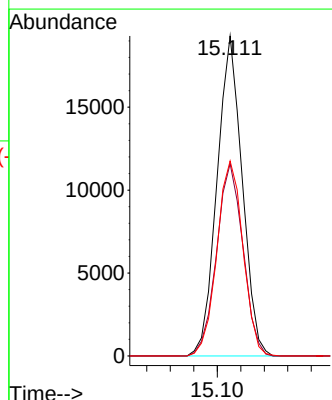
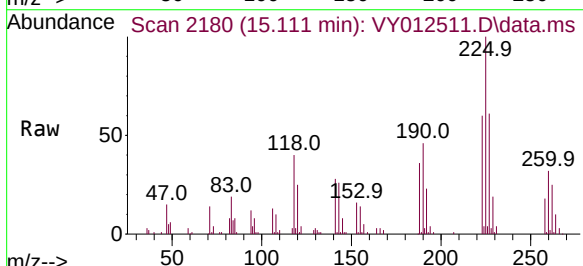
Tgt Ion:225 Resp: 28726

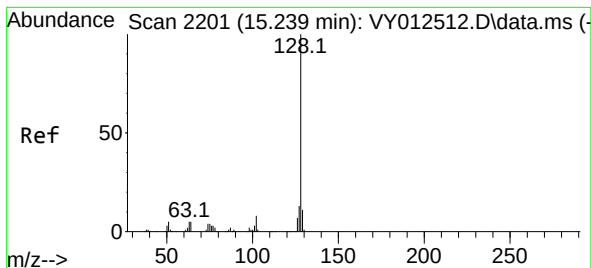
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.3

227 63.0 31.9 95.5





#95

Naphthalene

Concen: 18.501 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

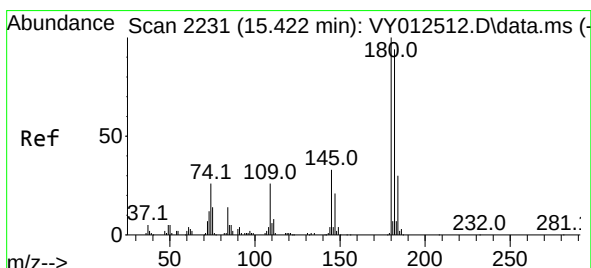
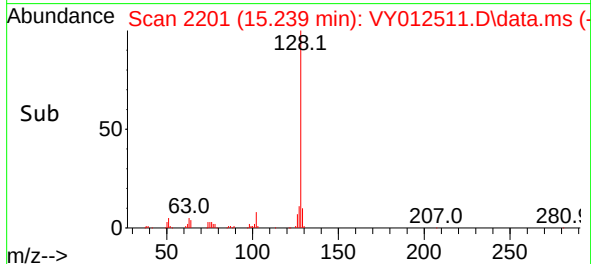
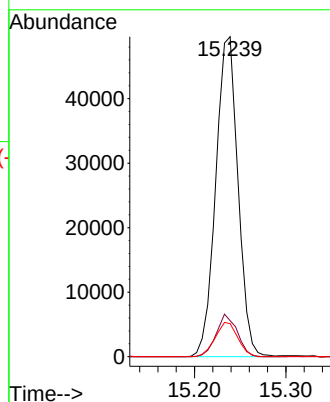
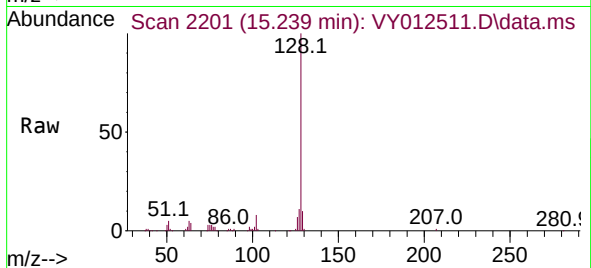
Tgt Ion:128 Resp: 83986

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.907 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012511.D

Acq: 07 Feb 2023 10:59

Tgt Ion:180 Resp: 38701

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.2

145 30.5 16.2 48.6

