

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011738.D
 Acq On : 09 Dec 2022 11:37
 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: Dec 10 03:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:06:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	245883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	384523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170218	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46565	23.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.640%#
35) Dibromofluoromethane	7.716	113	44271	22.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.660%#
50) Toluene-d8	10.179	98	171185	25.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	50.320%
62) 4-Bromofluorobenzene	12.483	95	59438	22.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	45.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32998	24.584	ug/l	93
3) Chloromethane	2.113	50	33091	22.007	ug/l	97
4) Vinyl Chloride	2.253	62	39415	22.392	ug/l	96
5) Bromomethane	2.644	94	25300	20.831	ug/l	95
6) Chloroethane	2.790	64	26501	21.735	ug/l	97
7) Trichlorofluoromethane	3.125	101	72445	21.433	ug/l	96
8) Diethyl Ether	3.534	74	23765	20.073	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	41661	20.647	ug/l	100
10) Methyl Iodide	4.094	142	49711	21.042	ug/l	100
11) Tert butyl alcohol	4.948	59	29854	99.306	ug/l	95
12) 1,1-Dichloroethene	3.875	96	37815	20.781	ug/l	96
13) Acrolein	3.729	56	34686	100.069	ug/l	97
14) Allyl chloride	4.479	41	61940	20.492	ug/l	99
15) Acrylonitrile	5.161	53	60983	95.966	ug/l	99
16) Acetone	3.948	43	62792	93.525	ug/l	98
17) Carbon Disulfide	4.198	76	91332	21.978	ug/l	100
18) Methyl Acetate	4.485	43	36115	19.047	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	111298	19.534	ug/l	98
20) Methylene Chloride	4.716	84	59776	19.425	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	42662	20.859	ug/l	95
22) Diisopropyl ether	6.118	45	135314	20.518	ug/l	95
23) Vinyl Acetate	6.058	43	378008	100.472	ug/l	99
24) 1,1-Dichloroethane	6.021	63	81685	20.383	ug/l	100
25) 2-Butanone	6.984	43	84565	97.920	ug/l	98
26) 2,2-Dichloropropane	6.984	77	75887	20.127	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	50887	20.357	ug/l	98
28) Bromochloromethane	7.332	49	28973	19.858	ug/l	100
29) Tetrahydrofuran	7.350	42	49004	99.693	ug/l	98
30) Chloroform	7.508	83	86586	20.210	ug/l	97
31) Cyclohexane	7.789	56	65776	20.479	ug/l #	94
32) 1,1,1-Trichloroethane	7.704	97	78814	20.627	ug/l	100
36) 1,1-Dichloropropene	7.917	75	60446	20.715	ug/l	99
37) Ethyl Acetate	7.076	43	32787	19.219	ug/l	99
38) Carbon Tetrachloride	7.905	117	71242	20.785	ug/l	96
39) Methylcyclohexane	9.185	83	69025	21.024	ug/l	98
40) Benzene	8.161	78	181022	20.766	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	45607	52.908	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	53833	19.970	ug/l	99
43) Isopropyl Acetate	8.271	43	59964	19.385	ug/l	99
44) Trichloroethene	8.941	130	50140	20.538	ug/l	100
45) 1,2-Dichloropropane	9.215	63	45745	20.276	ug/l	100
46) Dibromomethane	9.307	93	25390	20.104	ug/l	98
47) Bromodichloromethane	9.496	83	64715	19.835	ug/l	99
48) Methyl methacrylate	9.295	41	26185	19.204	ug/l	98
49) 1,4-Dioxane	9.295	88	6823	389.975	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	165583	97.147	ug/l	100
52) Toluene	10.246	92	114901	20.734	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	64757	19.870	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	73942	20.194	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	37595	20.140	ug/l	97
56) Ethyl methacrylate	10.508	69	47703	19.797	ug/l	99
57) 1,3-Dichloropropane	10.788	76	63344	20.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	111788	100.047	ug/l	99
59) 2-Hexanone	10.831	43	119212	97.890	ug/l	100
60) Dibromochloromethane	10.983	129	46494	19.887	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34129	20.182	ug/l	97
64) Tetrachloroethene	10.721	164	50862	20.841	ug/l	97
65) Chlorobenzene	11.514	112	126675	20.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	47753	19.805	ug/l	97
67) Ethyl Benzene	11.593	91	222675	20.333	ug/l	98
68) m/p-Xylenes	11.703	106	172869	41.218	ug/l	100
69) o-Xylene	12.032	106	81701	20.437	ug/l	97
70) Styrene	12.044	104	139968	20.514	ug/l	100
71) Bromoform	12.209	173	29308	19.706	ug/l #	99
73) Isopropylbenzene	12.331	105	226675	20.554	ug/l	100
74) N-amyl acetate	12.142	43	50892	19.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	41787	19.456	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	57112	28.147	ug/l #	100
77) Bromobenzene	12.605	156	51727	20.088	ug/l	99
78) n-propylbenzene	12.672	91	270574	20.473	ug/l	99
79) 2-Chlorotoluene	12.758	91	153792	20.389	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	192187	20.617	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	14506	19.114	ug/l	99
82) 4-Chlorotoluene	12.855	91	159122	20.339	ug/l	100
83) tert-Butylbenzene	13.075	119	165187	20.351	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	189976	20.698	ug/l	98
85) sec-Butylbenzene	13.251	105	248145	20.528	ug/l	100
86) p-Isopropyltoluene	13.367	119	204035	20.280	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	105315	20.324	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	103339	20.065	ug/l	98
89) n-Butylbenzene	13.696	91	187730	20.526	ug/l	99
90) Hexachloroethane	13.959	117	41100	20.558	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	93634	20.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7259	19.385	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	54128	19.902	ug/l	98
94) Hexachlorobutadiene	15.111	225	34976	20.240	ug/l	99
95) Naphthalene	15.239	128	98792	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	45510	19.372	ug/l	99

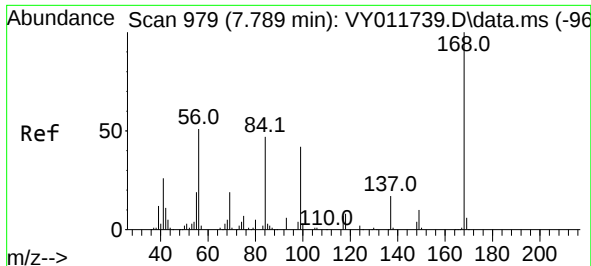
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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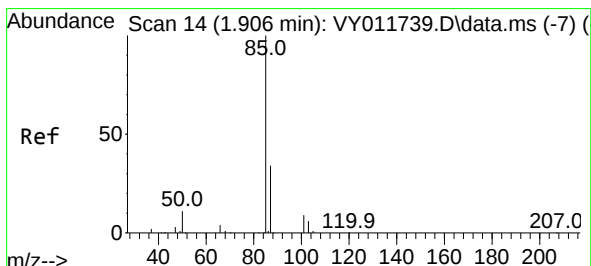
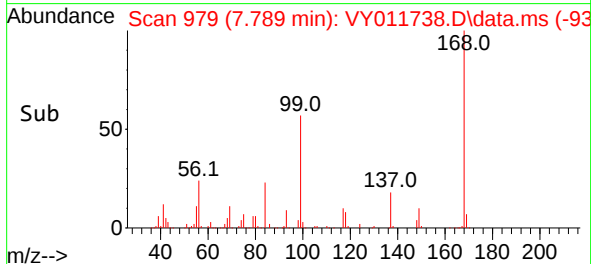
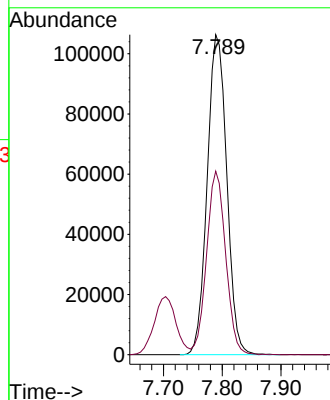
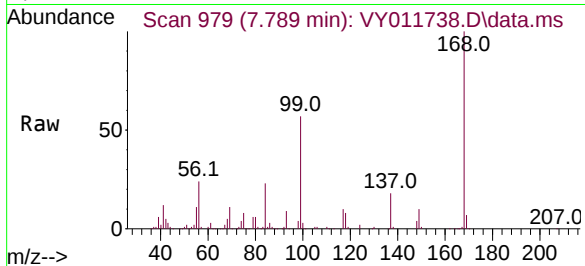
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011738.D
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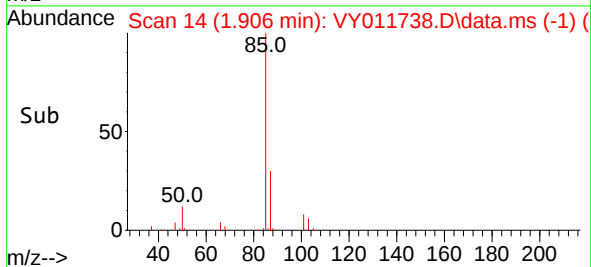
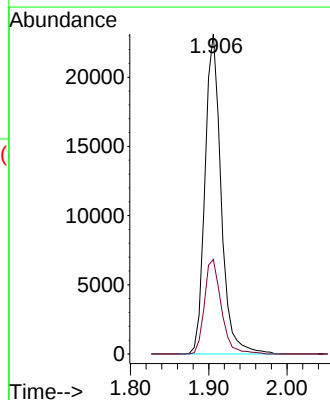
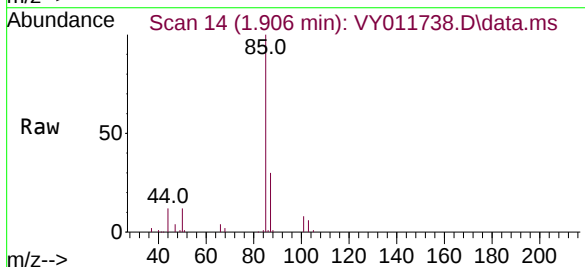
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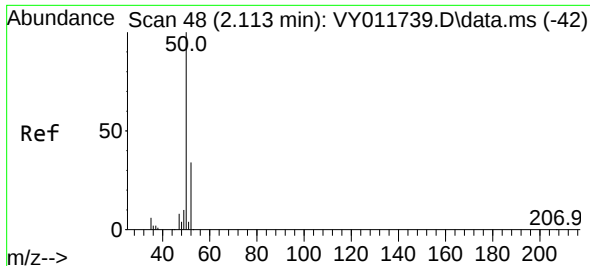
Tgt Ion:168 Resp: 245883
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 24.584 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 85 Resp: 32998
Ion Ratio Lower Upper
85 100
87 29.5 16.8 50.4

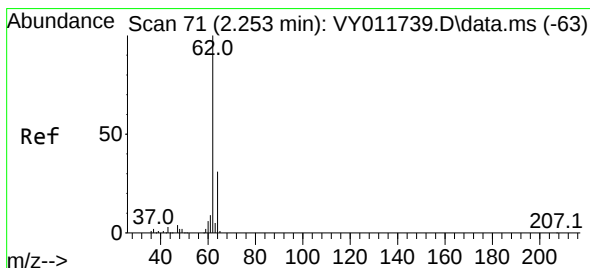
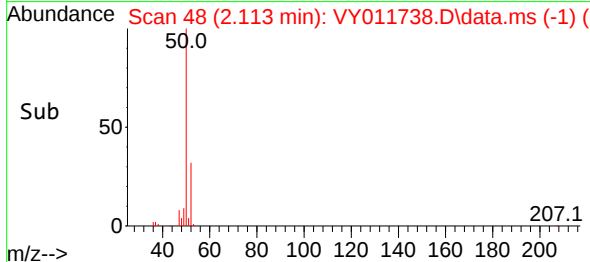
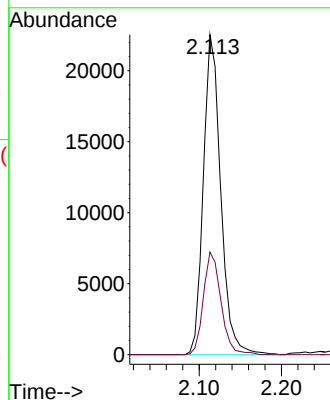
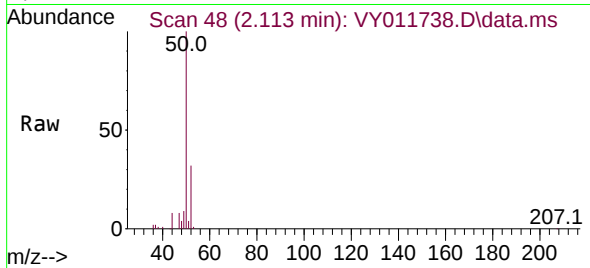




#3
Chloromethane
Concen: 22.007 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

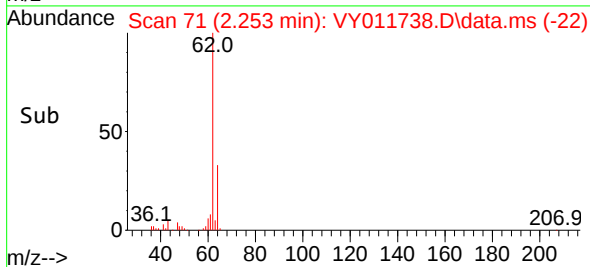
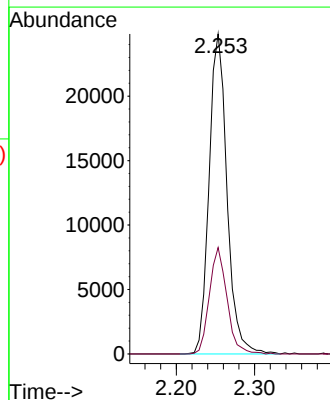
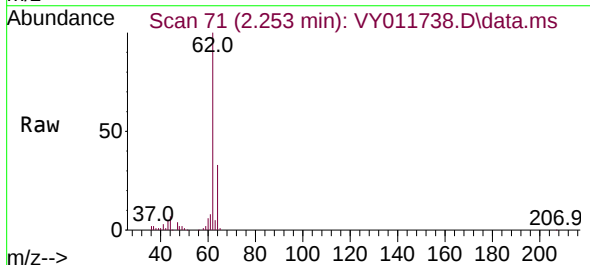
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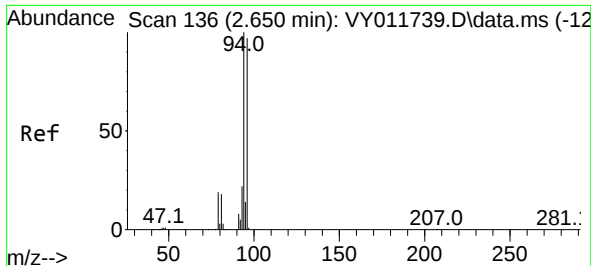
Tgt Ion: 50 Resp: 33091
Ion Ratio Lower Upper
50 100
52 32.1 26.8 40.2



#4
Vinyl Chloride
Concen: 22.392 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 62 Resp: 39415
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6

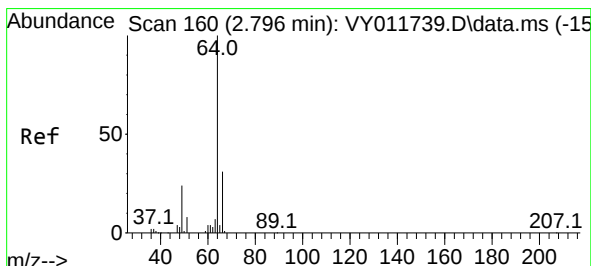
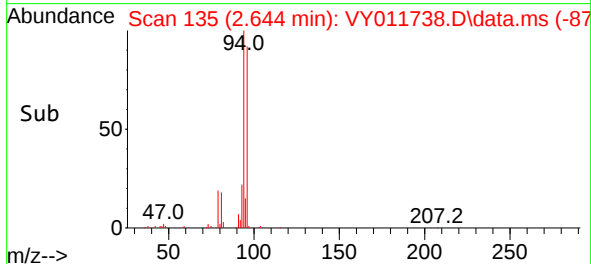
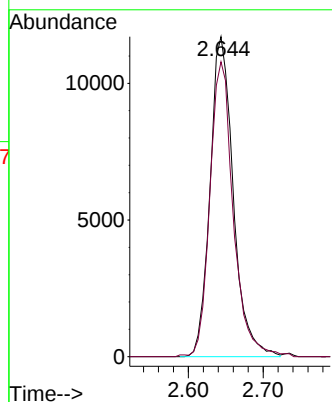
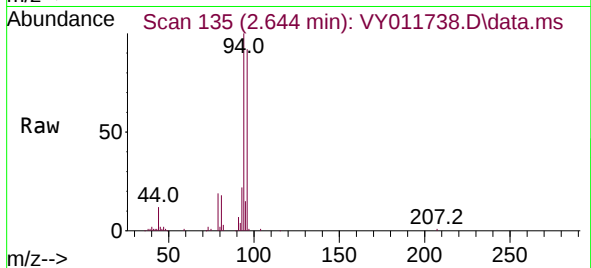




#5
Bromomethane
Concen: 20.831 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

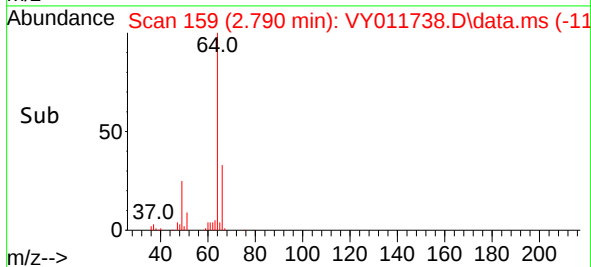
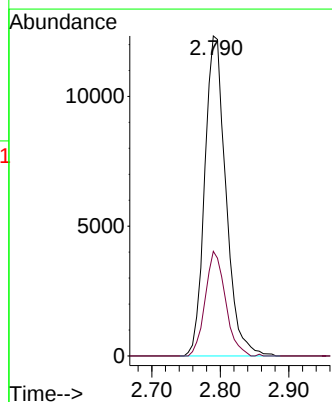
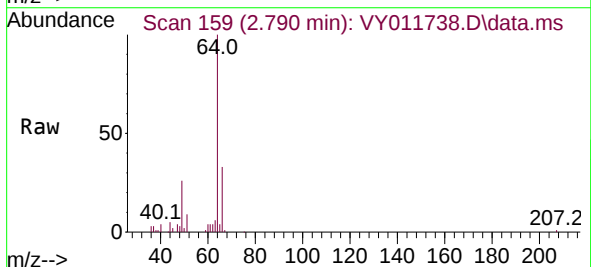
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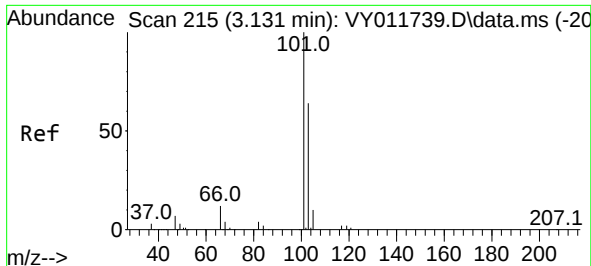
Tgt Ion: 94 Resp: 25300
Ion Ratio Lower Upper
94 100
96 91.6 77.4 116.2



#6
Chloroethane
Concen: 21.735 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 64 Resp: 26501
Ion Ratio Lower Upper
64 100
66 32.7 25.0 37.4

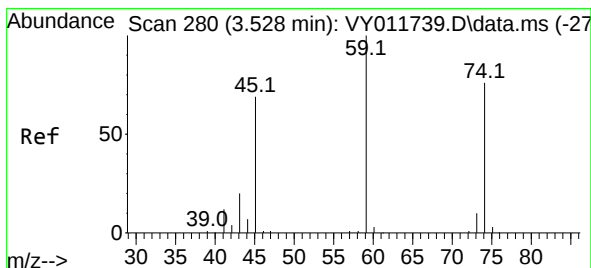
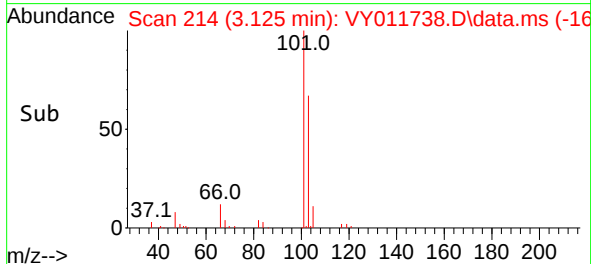
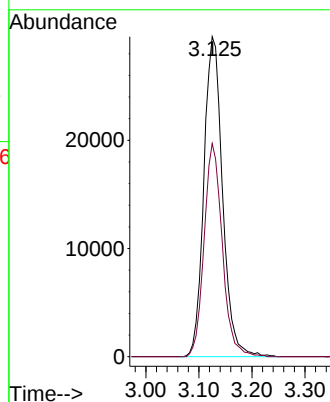
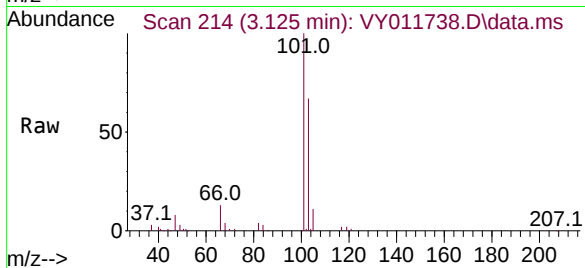




#7
 Trichlorofluoromethane
 Concen: 21.433 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY011738.D
 Acq: 09 Dec 2022 11:37

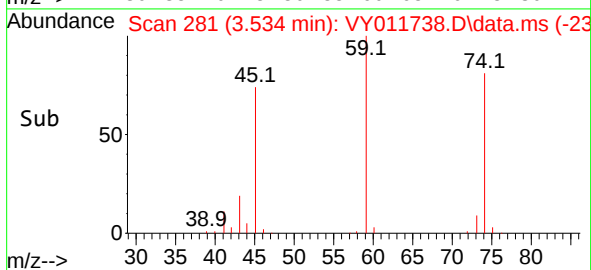
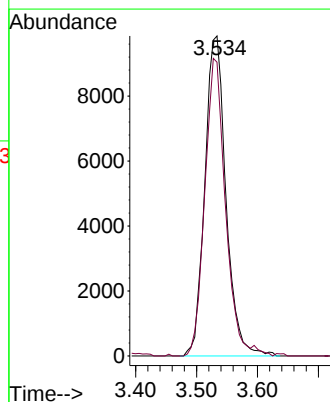
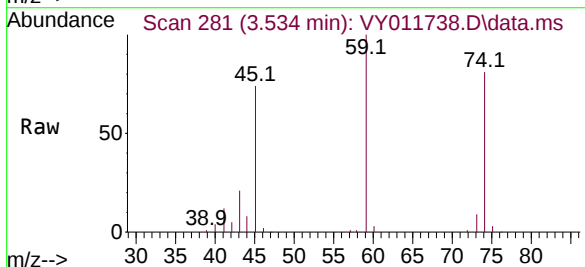
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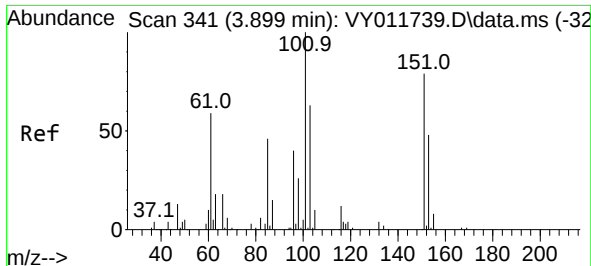
Tgt Ion:101 Resp: 72445
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.0 76.6



#8
 Diethyl Ether
 Concen: 20.073 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY011738.D
 Acq: 09 Dec 2022 11:37

Tgt Ion: 74 Resp: 23765
 Ion Ratio Lower Upper
 74 100
 45 91.4 46.8 140.3

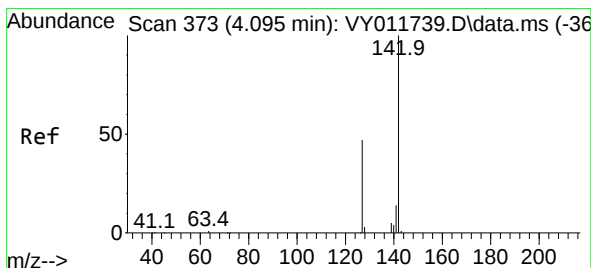
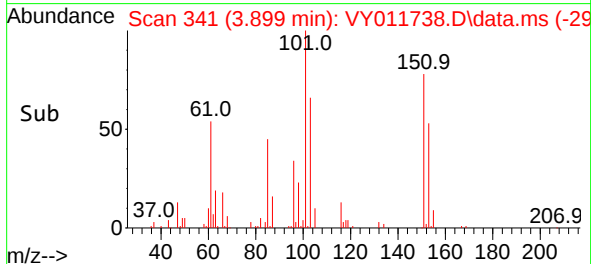
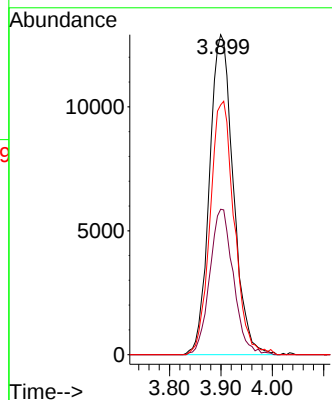
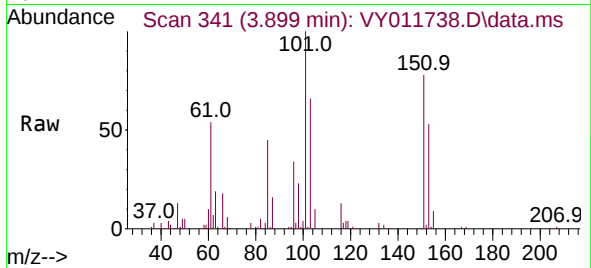




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.647 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011738.D
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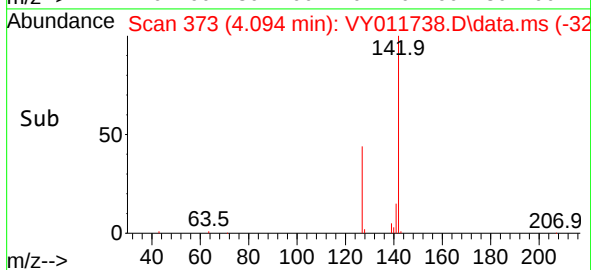
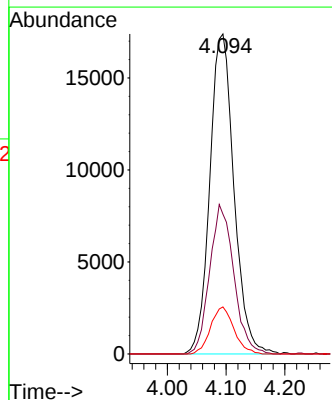
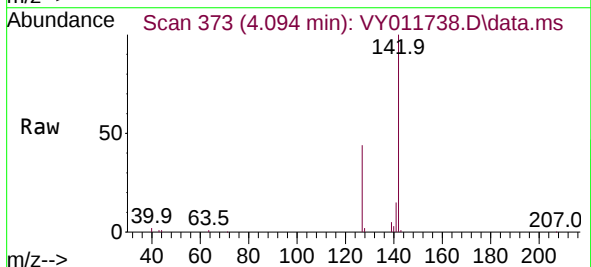
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

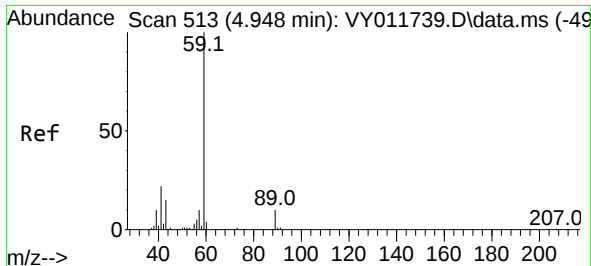
Tgt Ion:101 Resp: 41661
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.2
151 79.8 64.2 96.2



#10
Methyl Iodide
Concen: 21.042 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion:142 Resp: 49711
Ion Ratio Lower Upper
142 100
127 46.5 37.0 55.4
141 14.2 11.4 17.0





#11

Tert butyl alcohol

Concen: 99.306 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

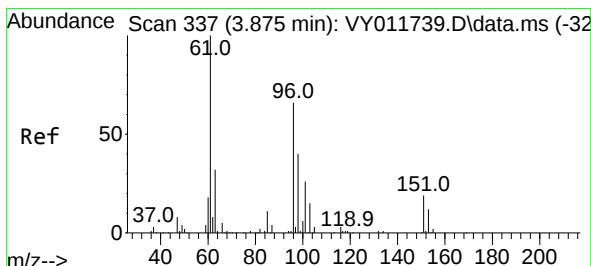
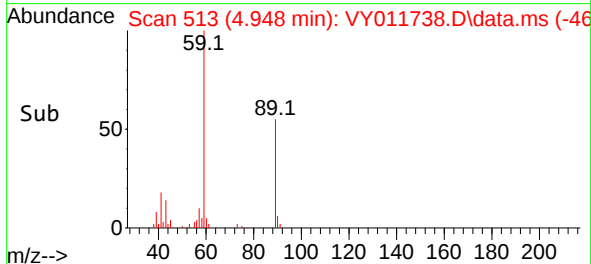
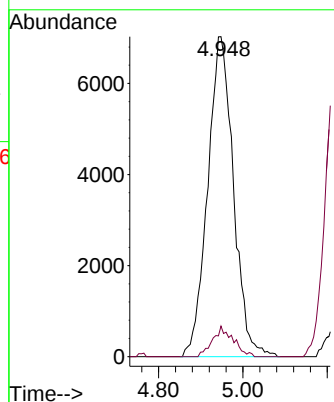
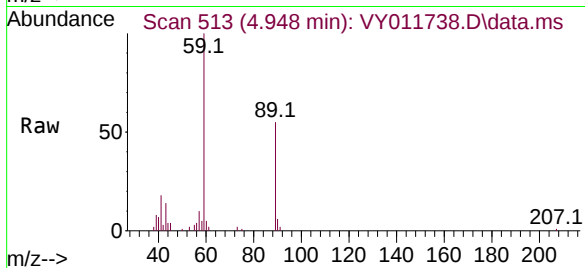
VSTDICC020

Tgt Ion: 59 Resp: 29854

Ion Ratio Lower Upper

59 100

57 7.5 7.4 11.2



#12

1,1-Dichloroethene

Concen: 20.781 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

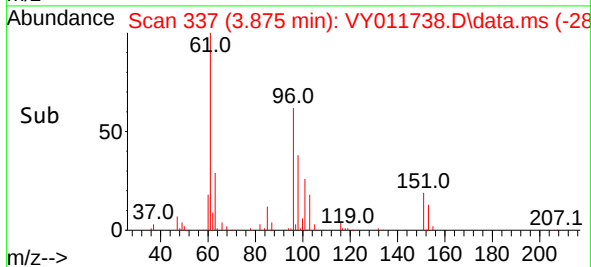
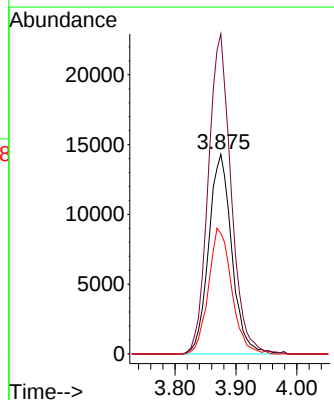
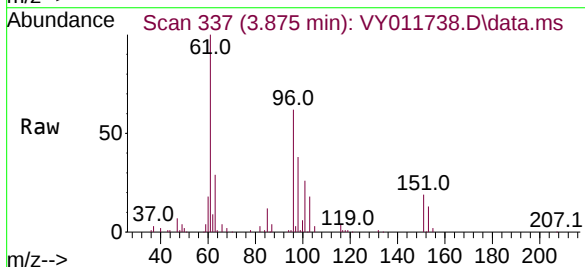
Tgt Ion: 96 Resp: 37815

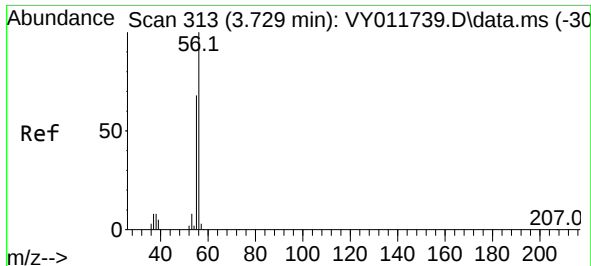
Ion Ratio Lower Upper

96 100

61 160.2 122.0 183.0

98 60.3 48.6 73.0





#13

Acrolein

Concen: 100.069 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

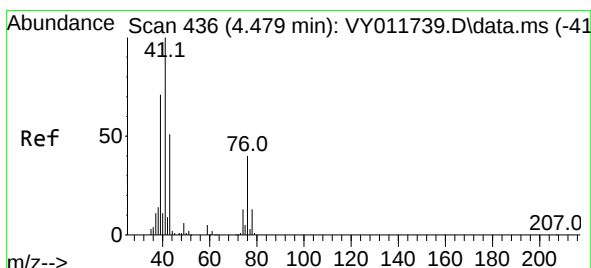
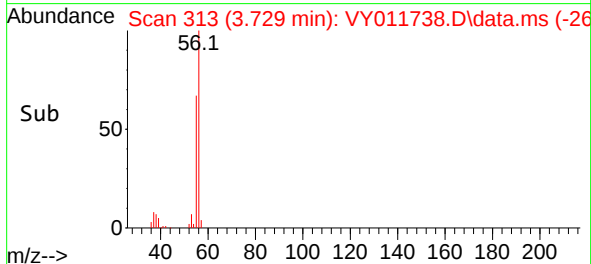
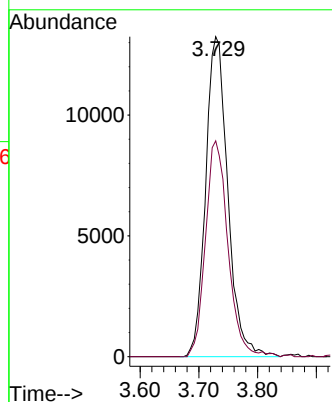
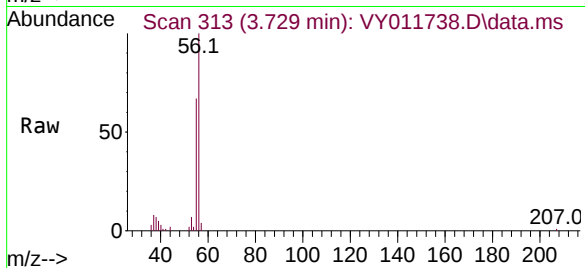
VSTDICC020

Tgt Ion: 56 Resp: 34686

Ion Ratio Lower Upper

56 100

55 68.5 56.6 85.0



#14

Allyl chloride

Concen: 20.492 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

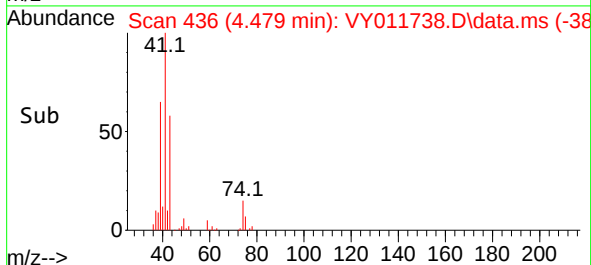
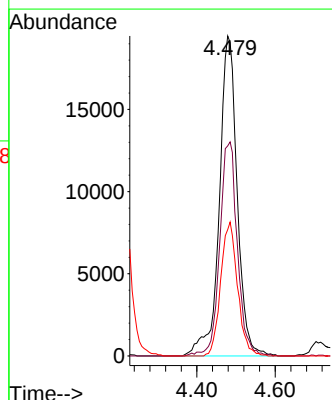
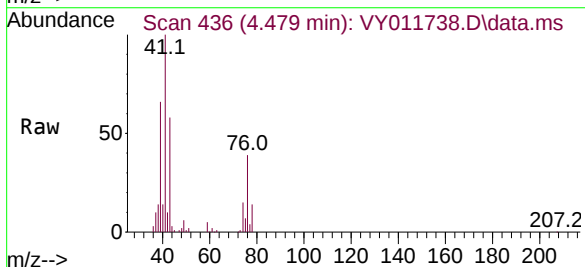
Tgt Ion: 41 Resp: 61940

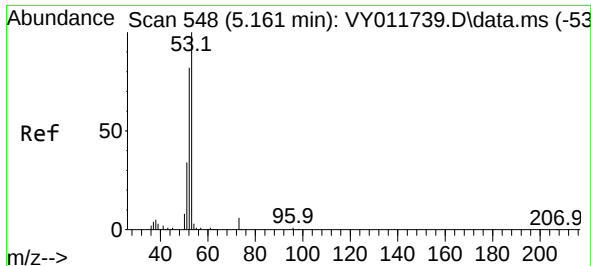
Ion Ratio Lower Upper

41 100

39 66.0 53.5 80.3

76 39.4 31.1 46.7

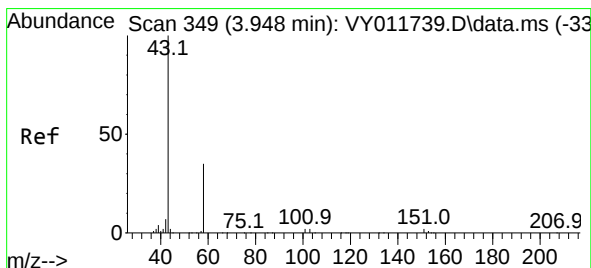
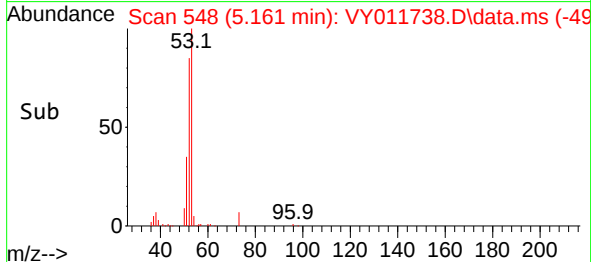
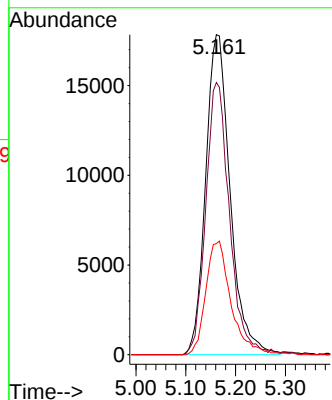
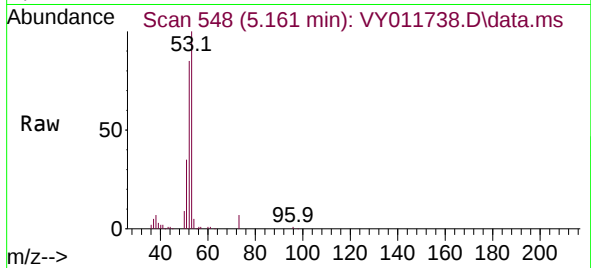




#15
Acrylonitrile
Concen: 95.966 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

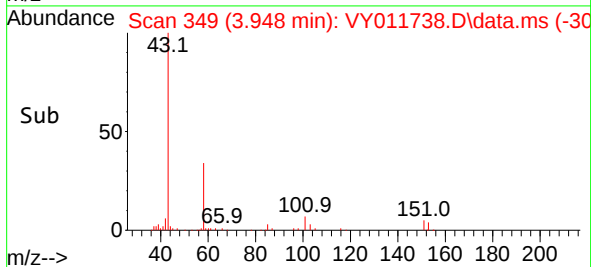
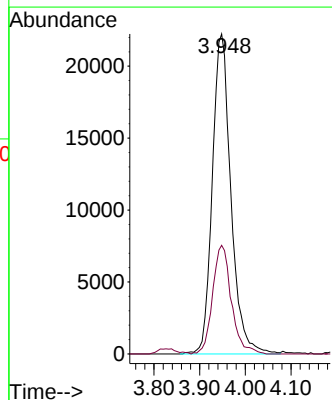
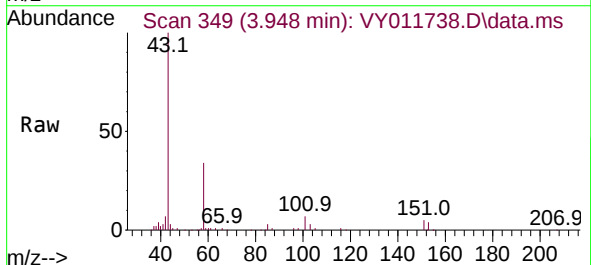
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

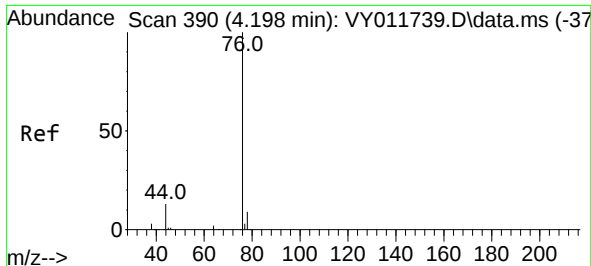
Tgt Ion: 53 Resp: 60983
Ion Ratio Lower Upper
53 100
52 81.9 65.1 97.7
51 36.6 28.7 43.1



#16
Acetone
Concen: 93.525 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 43 Resp: 62792
Ion Ratio Lower Upper
43 100
58 33.9 27.9 41.9

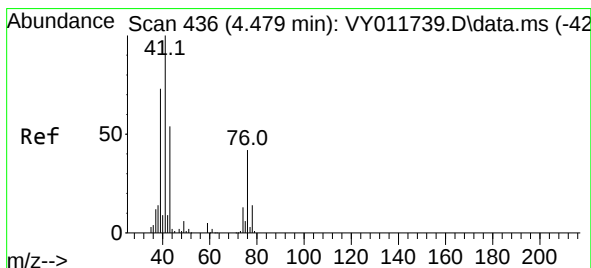
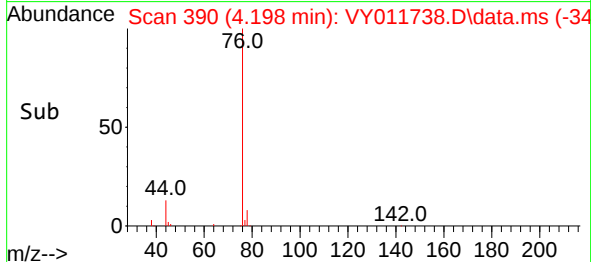
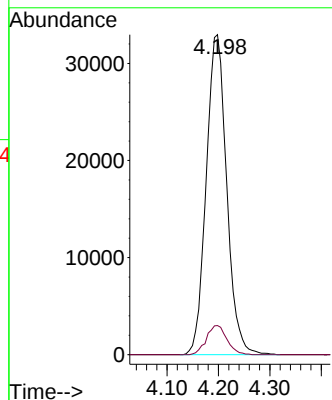
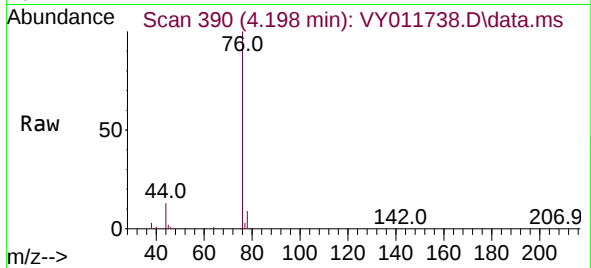




#17
Carbon Disulfide
Concen: 21.978 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

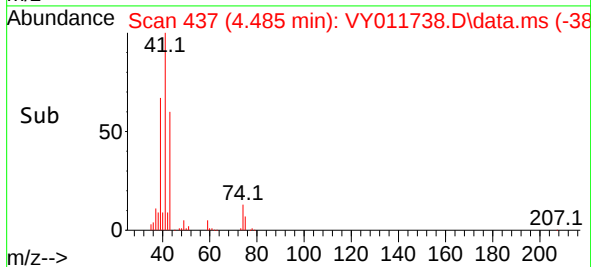
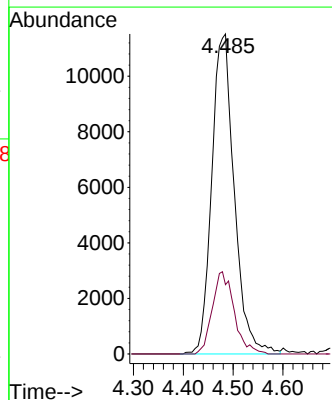
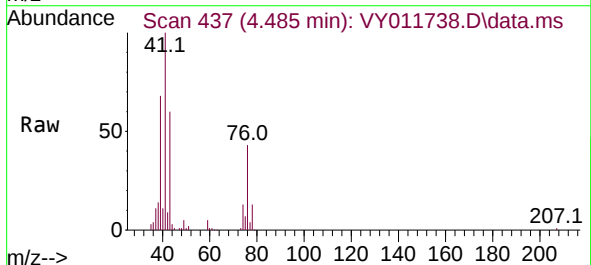
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

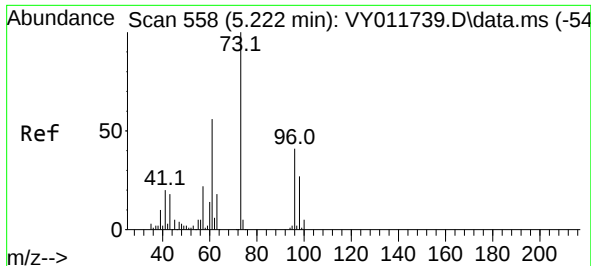
Tgt Ion: 76 Resp: 91332
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 19.047 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 43 Resp: 36115
Ion Ratio Lower Upper
43 100
74 24.9 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 19.534 ug/l

RT: 5.222 min Scan# 511

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

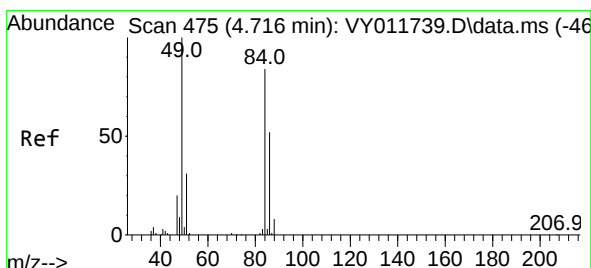
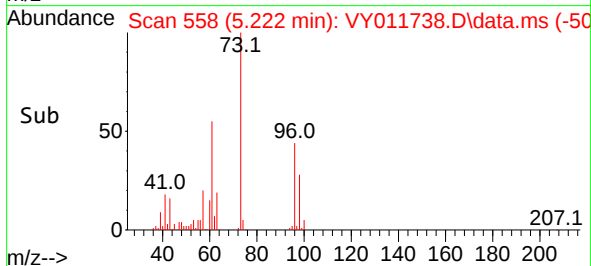
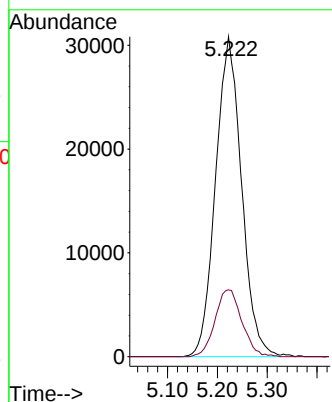
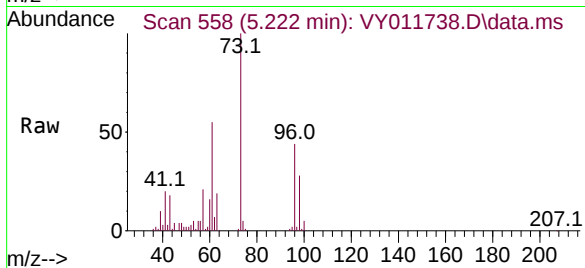
VSTDIC020

Tgt Ion: 73 Resp: 111298

Ion Ratio Lower Upper

73 100

57 20.9 17.4 26.0



#20

Methylene Chloride

Concen: 19.425 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Tgt Ion: 84 Resp: 59776

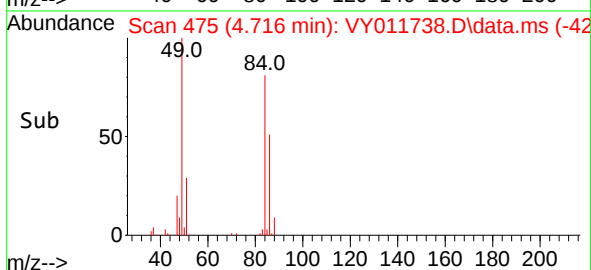
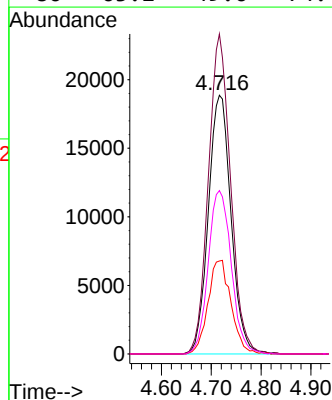
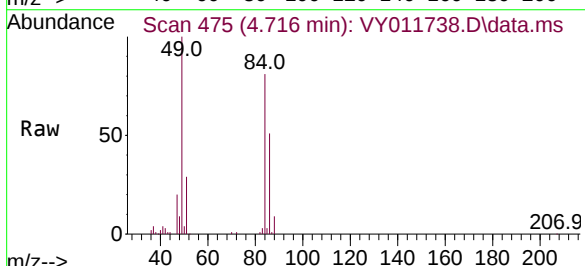
Ion Ratio Lower Upper

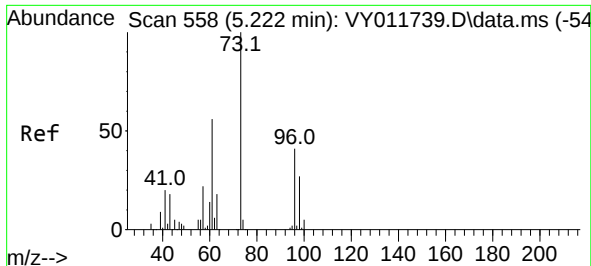
84 100

49 123.7 95.4 143.2

51 36.0 29.9 44.9

86 63.2 49.6 74.4

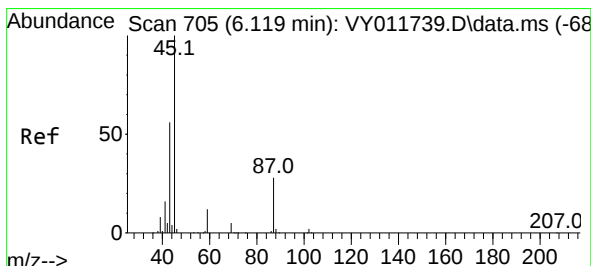
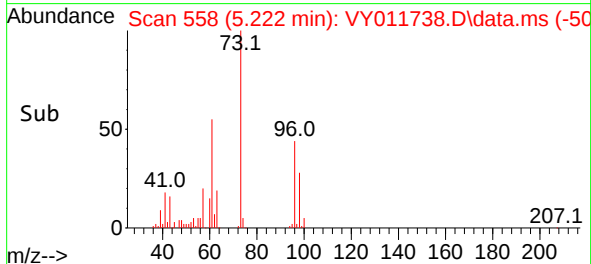
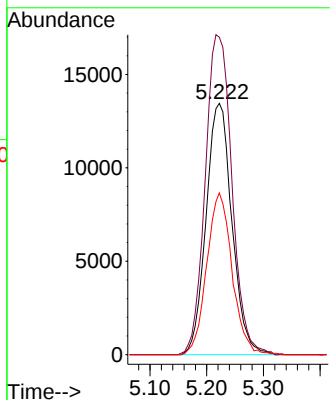
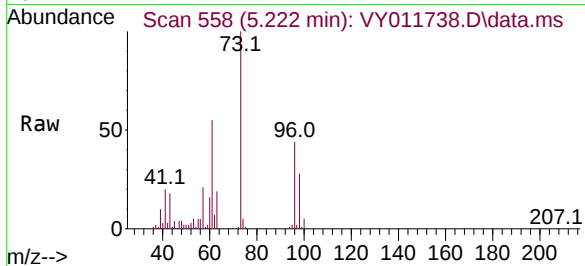




#21
trans-1,2-Dichloroethene
Concen: 20.859 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

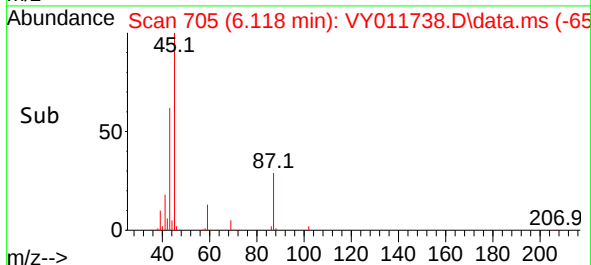
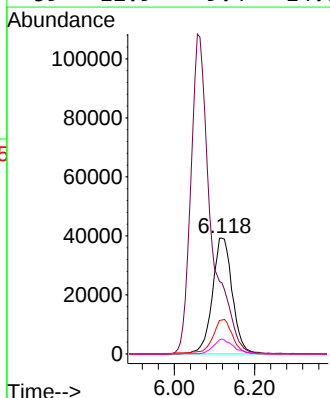
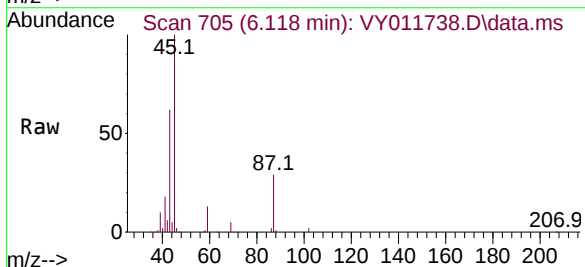
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

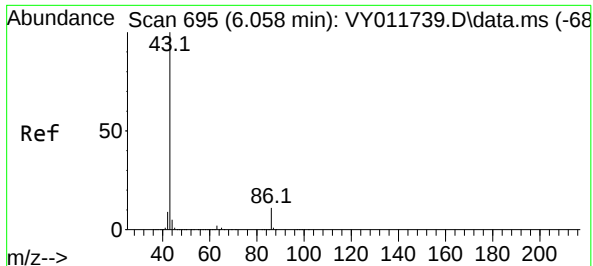
Tgt Ion: 96 Resp: 42662
Ion Ratio Lower Upper
96 100
61 126.3 108.0 162.0
98 64.4 51.6 77.4



#22
Diisopropyl ether
Concen: 20.518 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 45 Resp: 135314
Ion Ratio Lower Upper
45 100
43 61.0 45.0 67.4
87 29.3 22.6 33.8
59 12.9 9.4 14.0

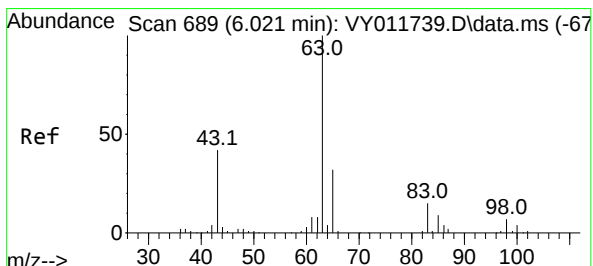
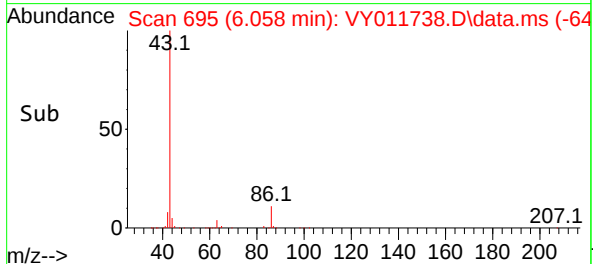
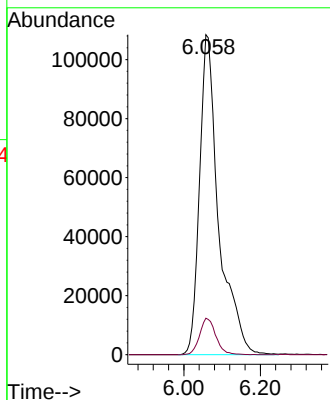
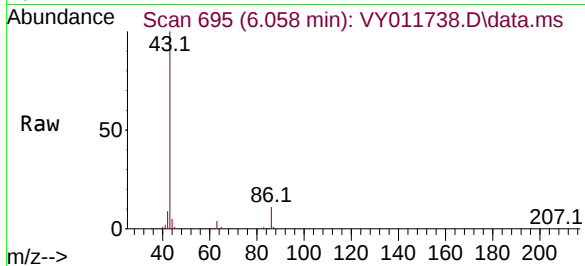




#23
 Vinyl Acetate
 Concen: 100.472 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011738.D
 Acq: 09 Dec 2022 11:37

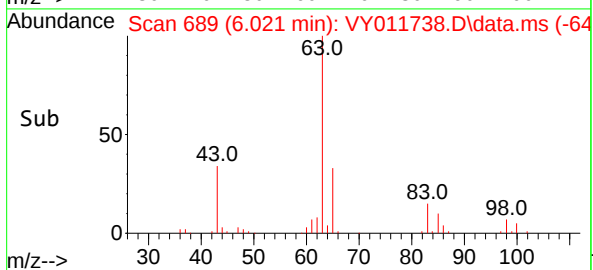
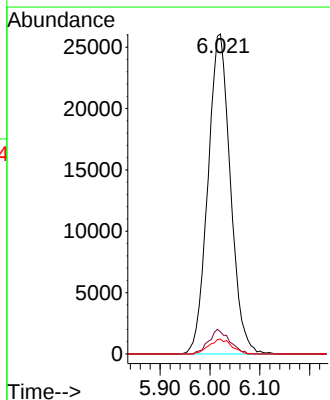
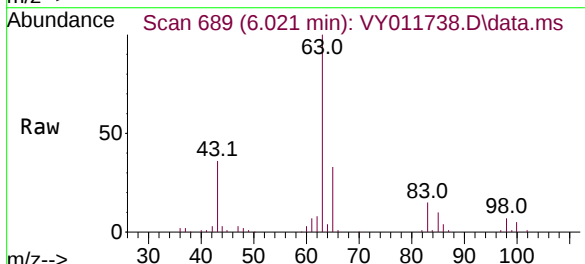
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

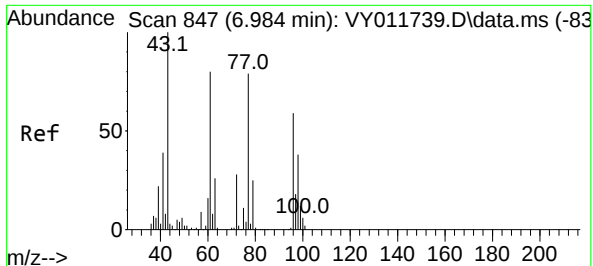
Tgt Ion: 43 Resp: 378008
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.383 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011738.D
 Acq: 09 Dec 2022 11:37

Tgt Ion: 63 Resp: 81685
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 97.920 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

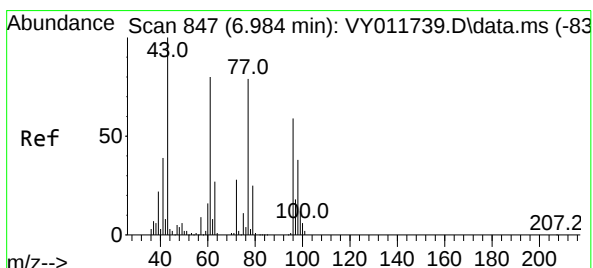
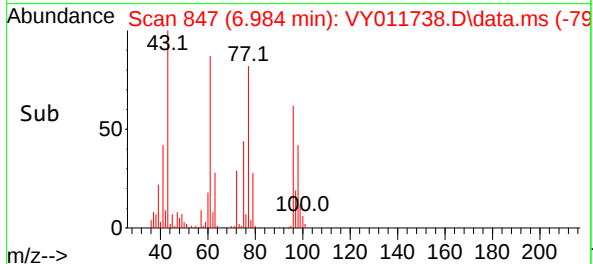
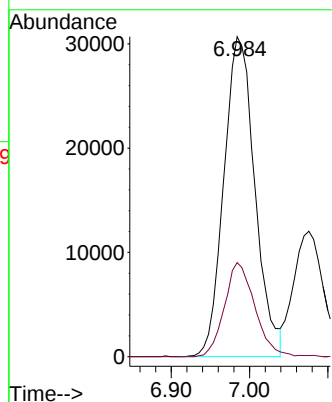
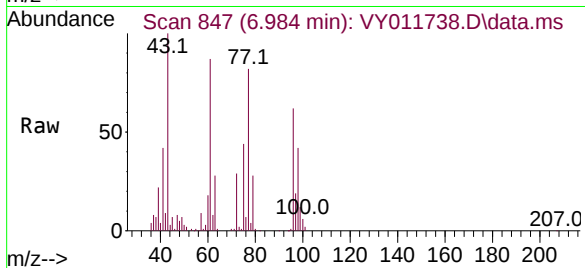
VSTDICC020

Tgt Ion: 43 Resp: 84565

Ion Ratio Lower Upper

43 100

72 29.4 22.6 34.0



#26

2,2-Dichloropropane

Concen: 20.127 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011738.D

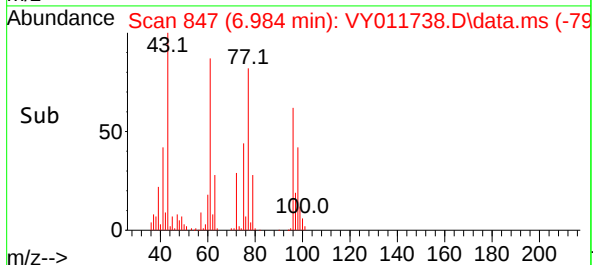
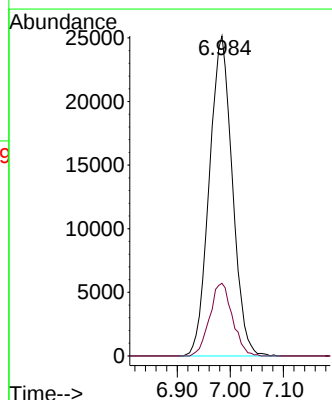
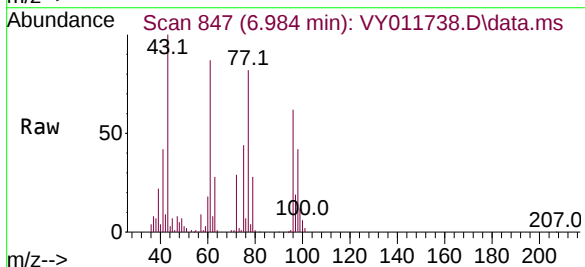
Acq: 09 Dec 2022 11:37

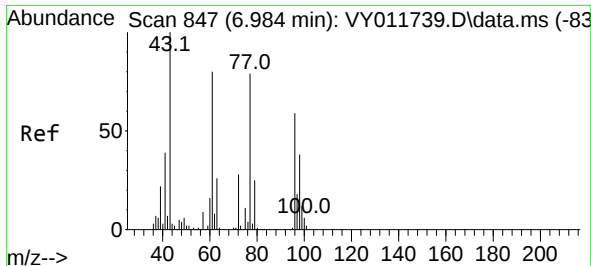
Tgt Ion: 77 Resp: 75887

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.357 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

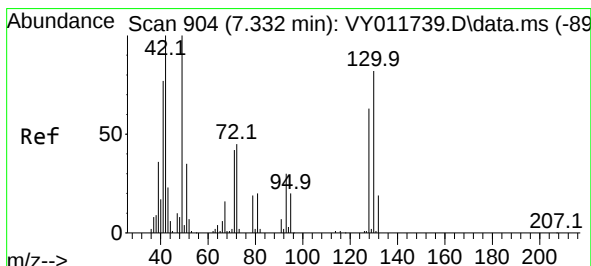
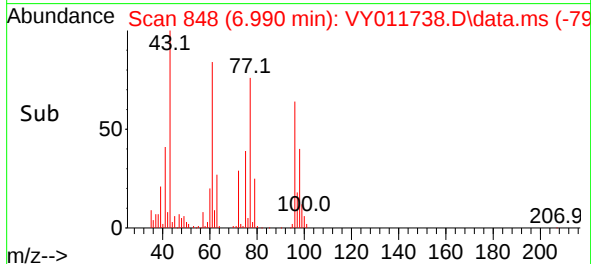
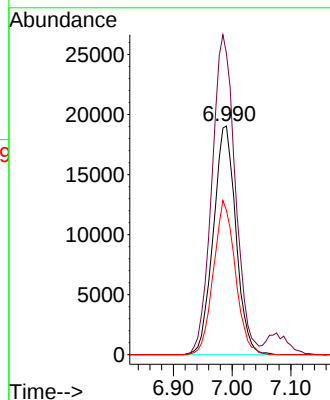
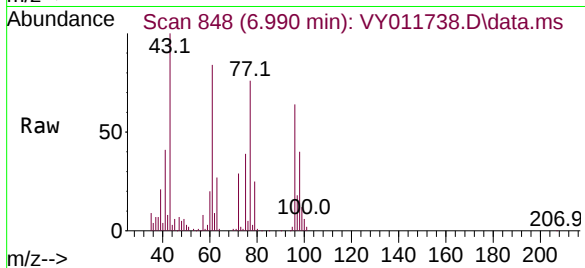
Tgt Ion: 96 Resp: 50887

Ion Ratio Lower Upper

96 100

61 144.9 0.0 283.4

98 65.2 0.0 127.6



#28

Bromochloromethane

Concen: 19.858 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

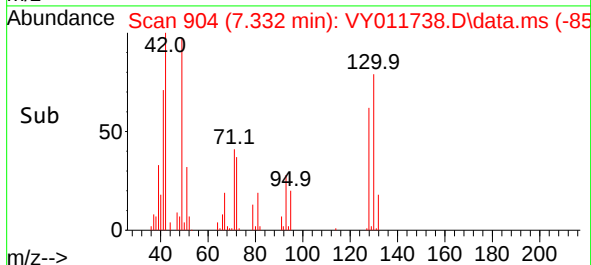
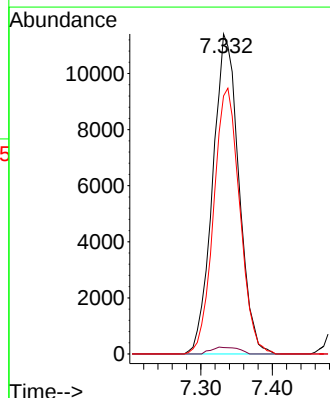
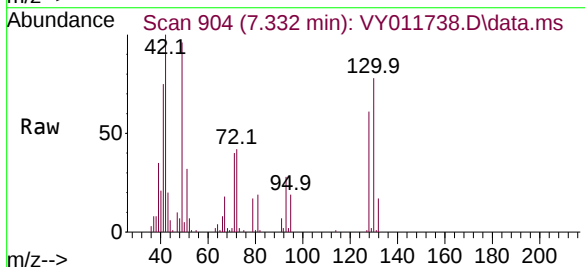
Tgt Ion: 49 Resp: 28973

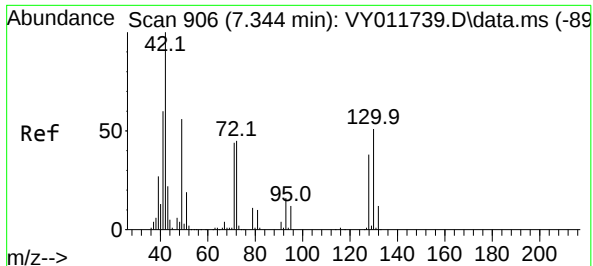
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 83.0 66.7 100.1





#29

Tetrahydrofuran

Concen: 99.693 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

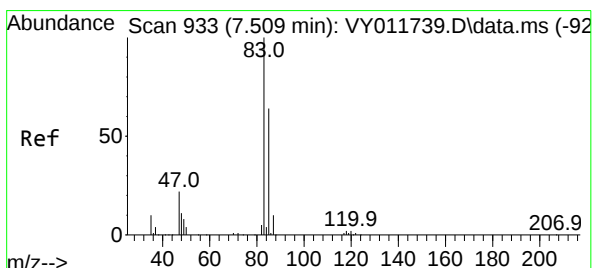
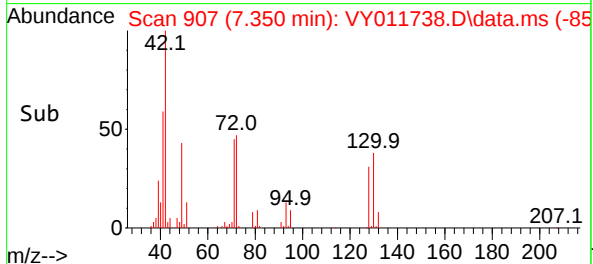
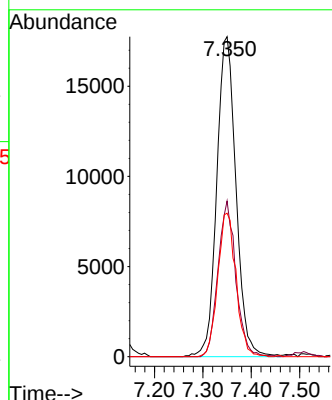
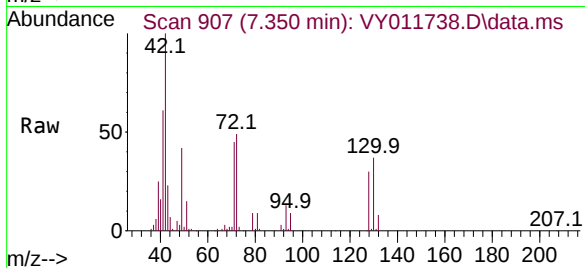
Tgt Ion: 42 Resp: 49004

Ion Ratio Lower Upper

42 100

72 45.2 37.0 55.6

71 42.6 34.9 52.3



#30

Chloroform

Concen: 20.210 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY011738.D

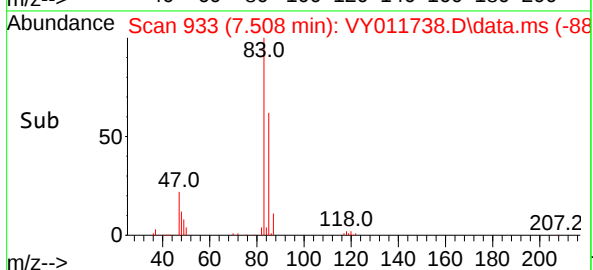
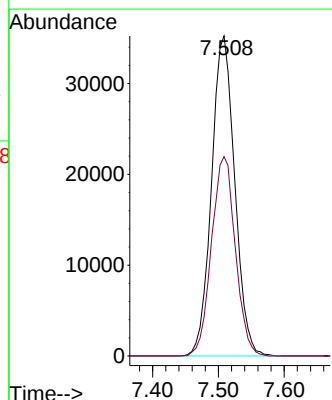
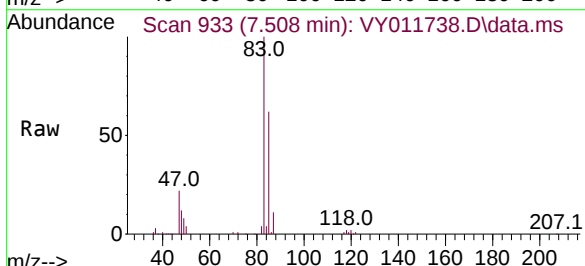
Acq: 09 Dec 2022 11:37

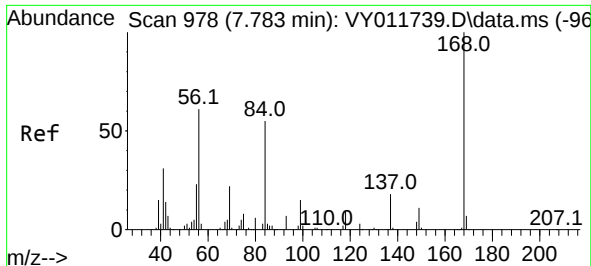
Tgt Ion: 83 Resp: 86586

Ion Ratio Lower Upper

83 100

85 62.3 51.5 77.3

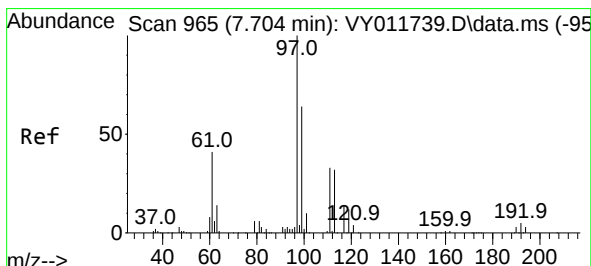
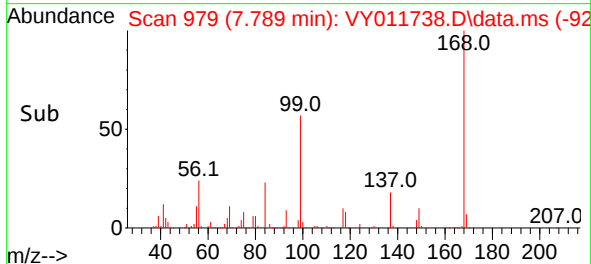
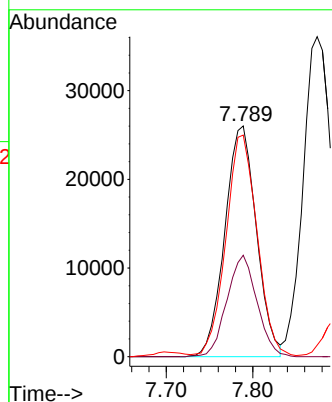
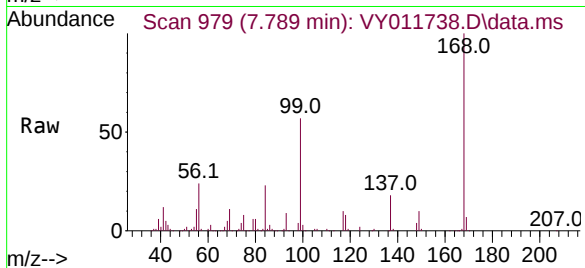




#31
Cyclohexane
Concen: 20.479 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

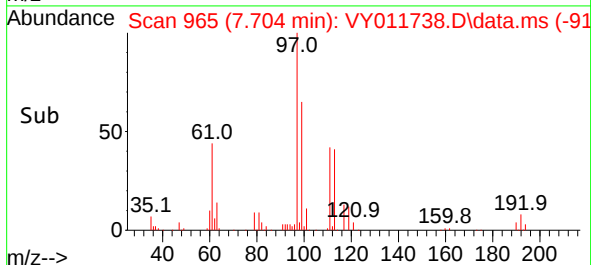
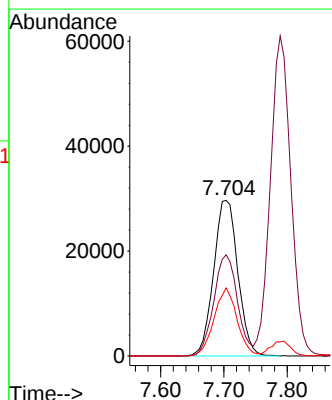
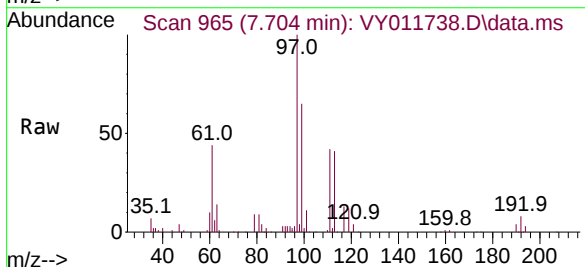
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

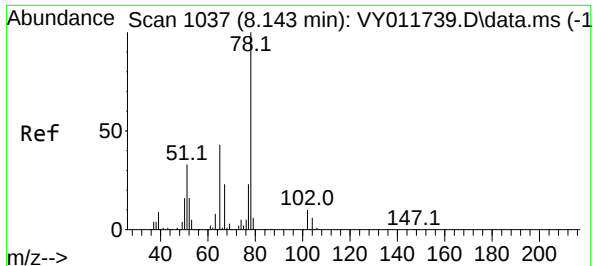
Tgt Ion: 56 Resp: 65776
Ion Ratio Lower Upper
56 100
69 44.0 29.2 43.8#
84 94.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.627 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 97 Resp: 78814
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 41.6 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 23.319 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

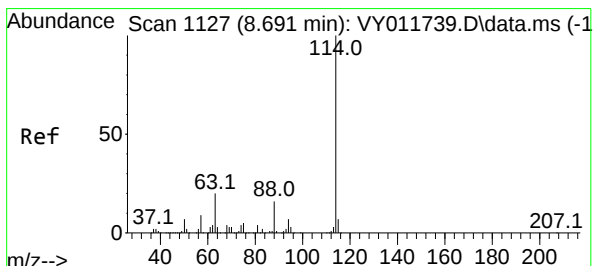
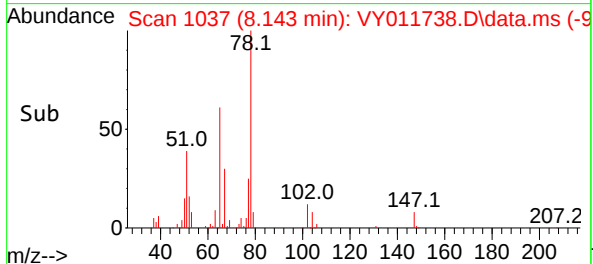
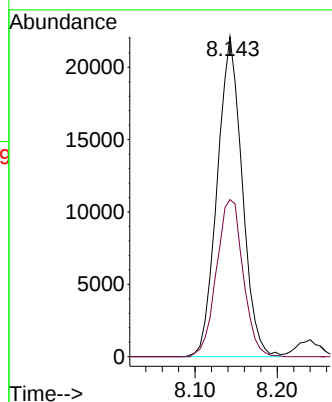
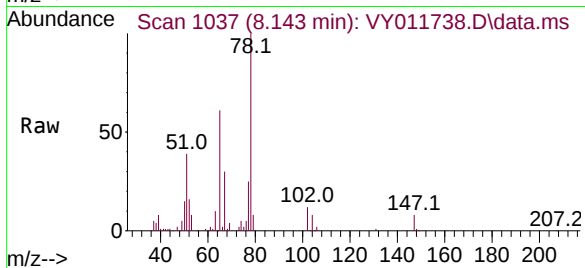
VSTDICC020

Tgt Ion: 65 Resp: 46565

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

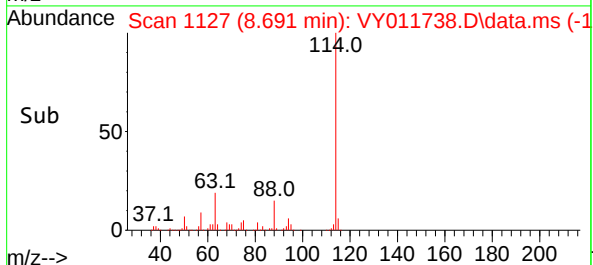
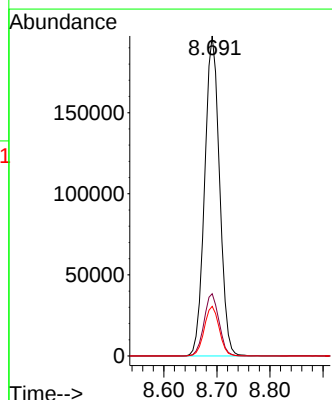
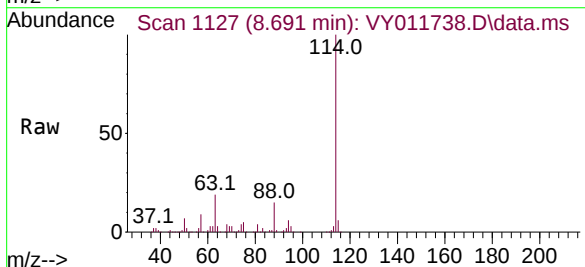
Tgt Ion: 114 Resp: 384523

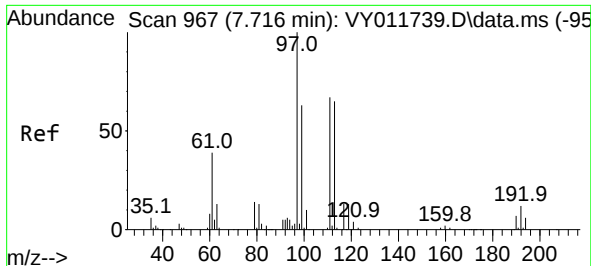
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.5 0.0 32.2

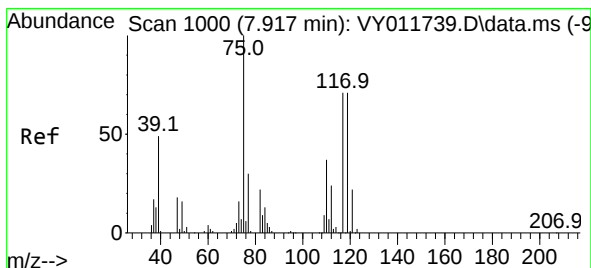
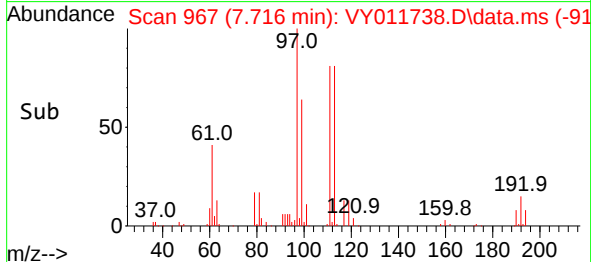
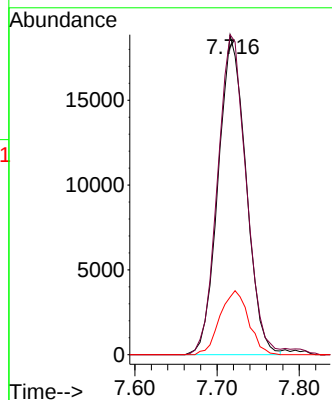
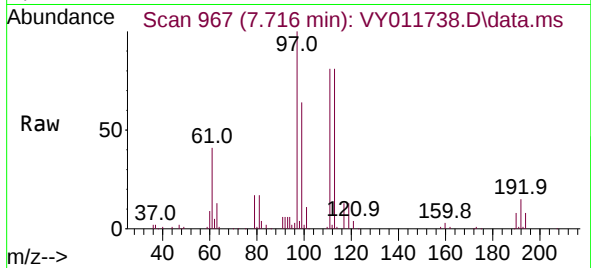




#35
Dibromofluoromethane
Concen: 22.829 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

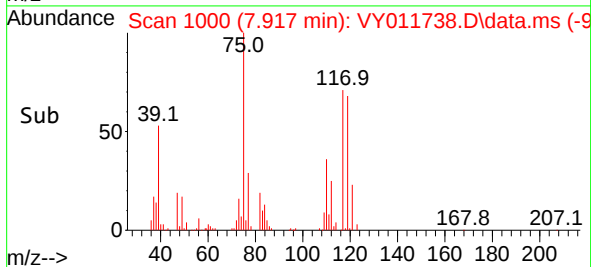
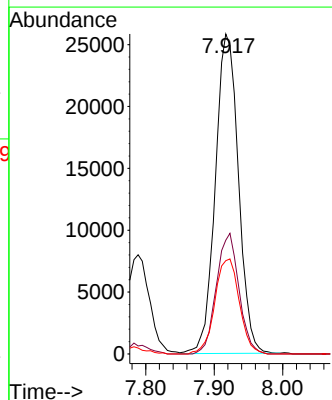
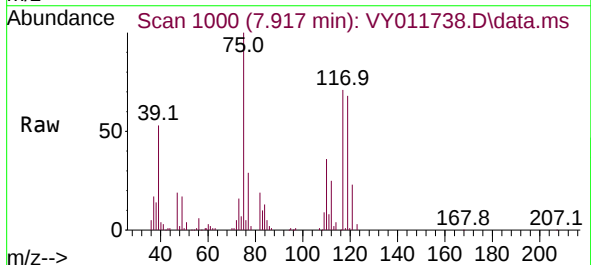
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

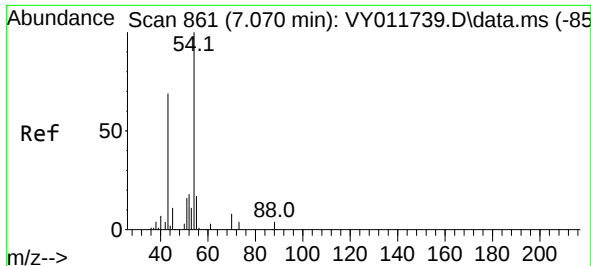
Tgt Ion:113 Resp: 44271
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 20.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.715 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 75 Resp: 60446
Ion Ratio Lower Upper
75 100
110 36.8 18.1 54.1
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 19.219 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

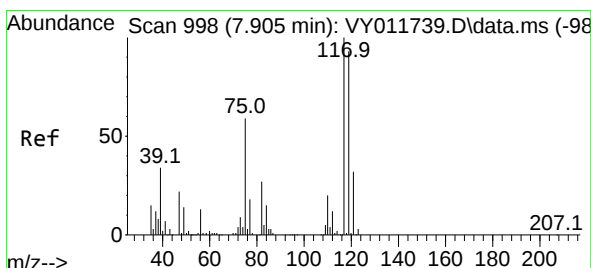
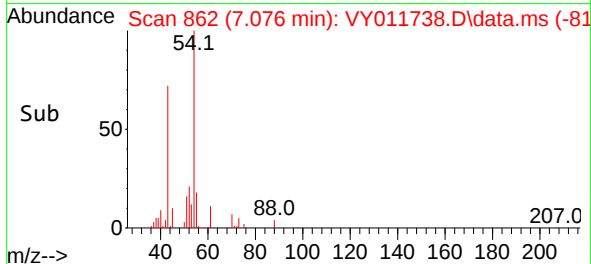
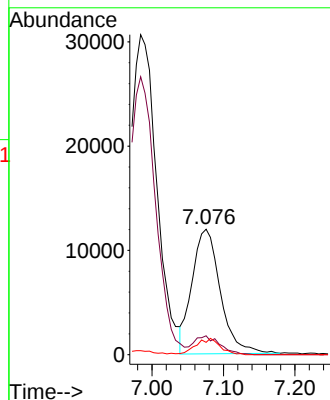
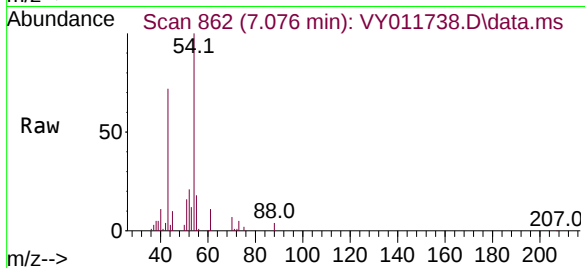
Tgt Ion: 43 Resp: 32787

Ion Ratio Lower Upper

43 100

61 14.3 11.3 16.9

70 11.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 20.785 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

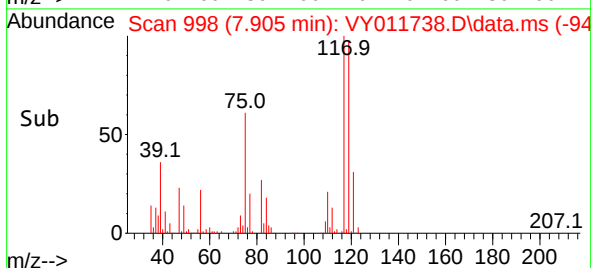
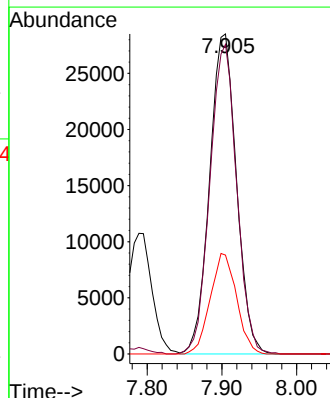
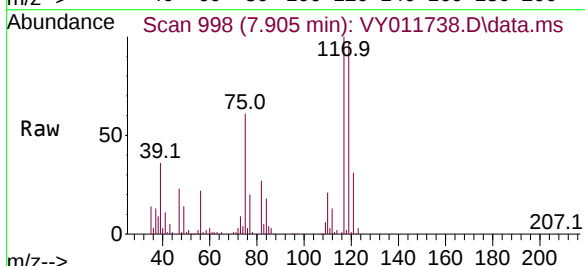
Tgt Ion: 117 Resp: 71242

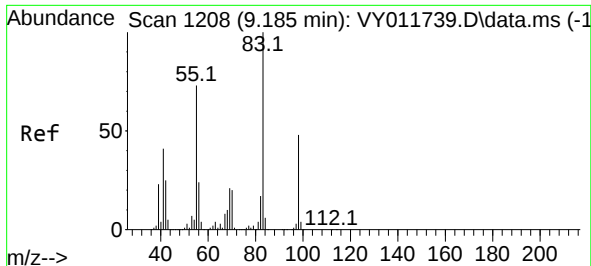
Ion Ratio Lower Upper

117 100

119 96.8 73.8 110.8

121 30.9 25.2 37.8

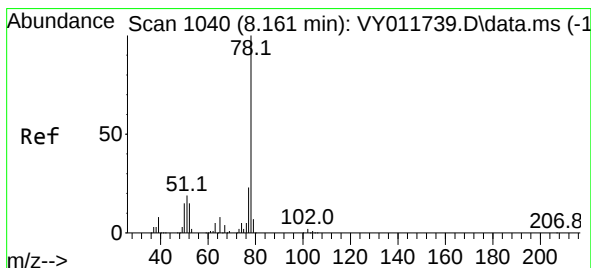
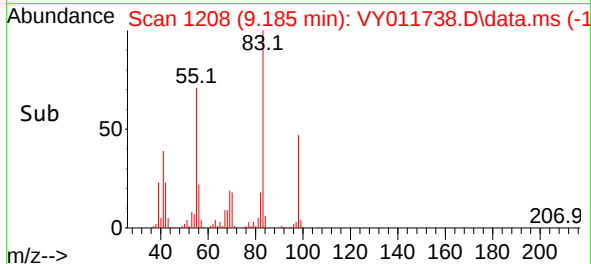
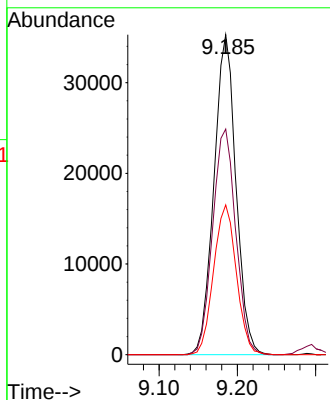
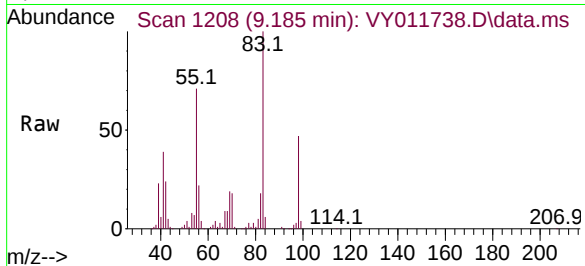




#39
Methylcyclohexane
Concen: 21.024 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

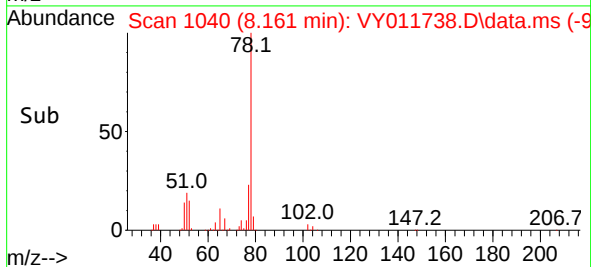
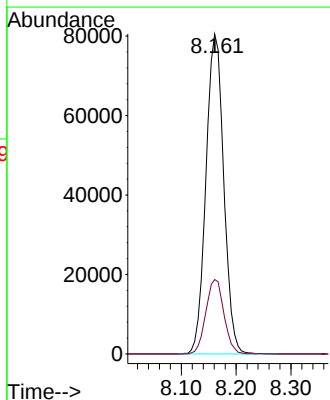
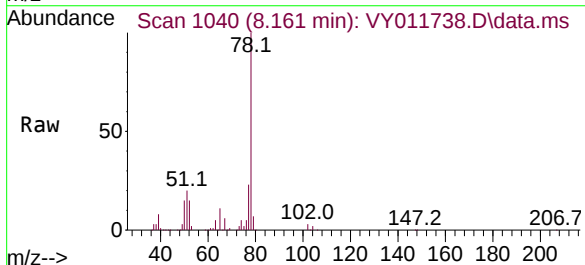
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

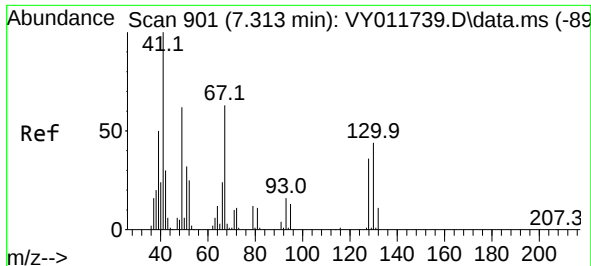
Tgt Ion: 83 Resp: 69025
Ion Ratio Lower Upper
83 100
55 70.5 58.2 87.2
98 46.8 38.6 58.0



#40
Benzene
Concen: 20.766 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 78 Resp: 181022
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

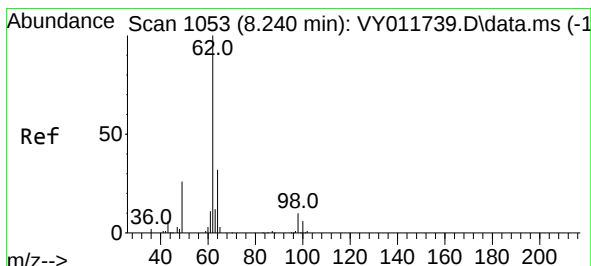
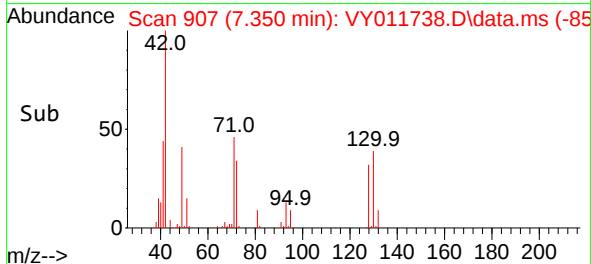
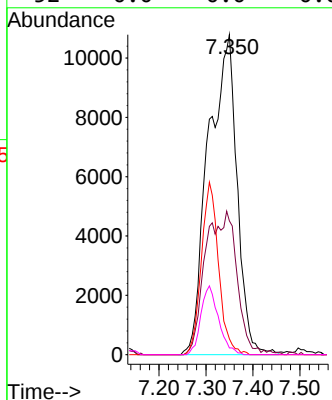
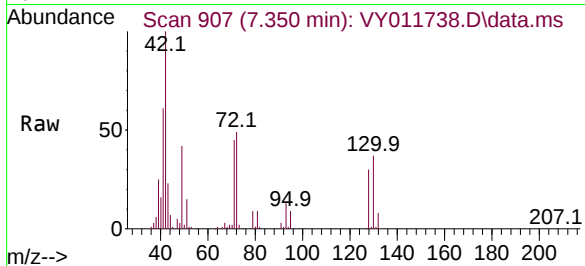




#41
Methacrylonitrile
Concen: 52.908 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.036 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

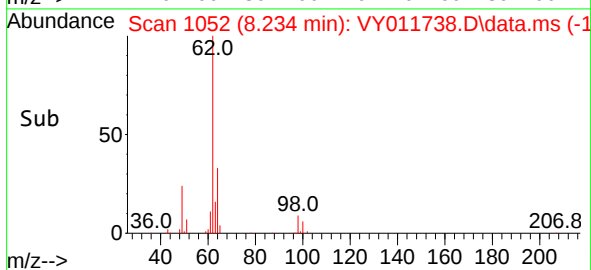
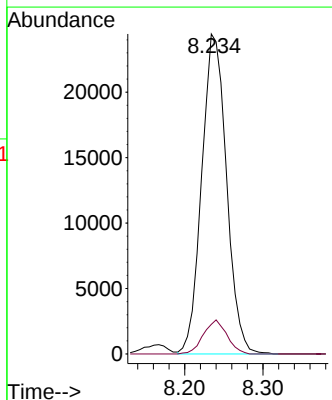
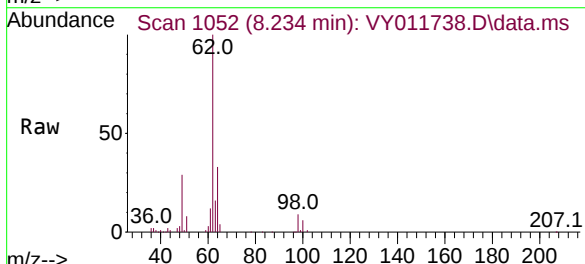
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

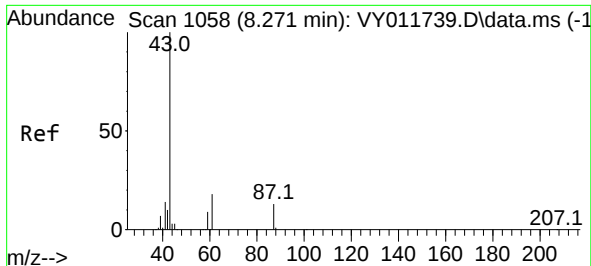
Tgt Ion:	41	Resp:	45607
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.970 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion:	62	Resp:	53833
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	19.6

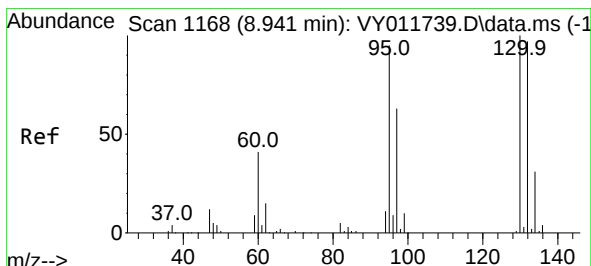
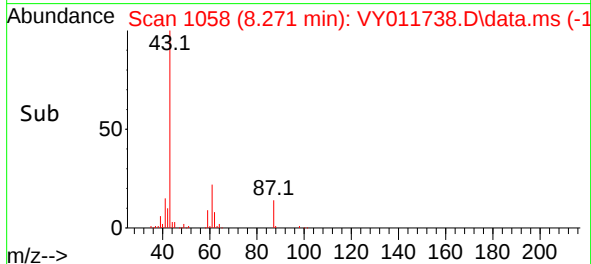
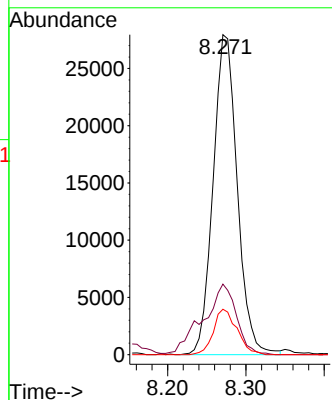
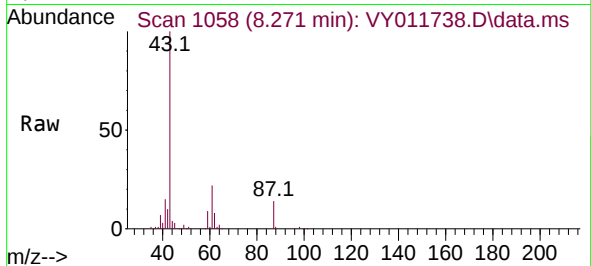




#43
Isopropyl Acetate
Concen: 19.385 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

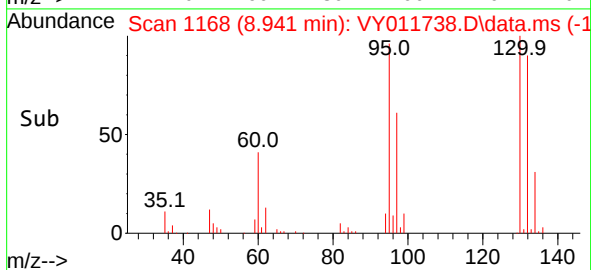
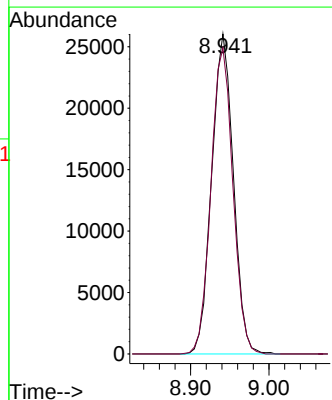
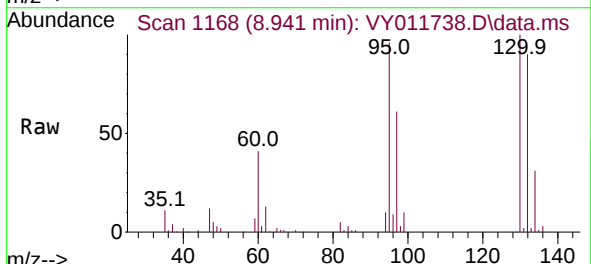
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:	43	Resp:	59964
Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.4	36.6
87	13.9	11.4	17.2



#44
Trichloroethene
Concen: 20.538 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion:	130	Resp:	50140
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	190.6





#45

1,2-Dichloropropane

Concen: 20.276 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

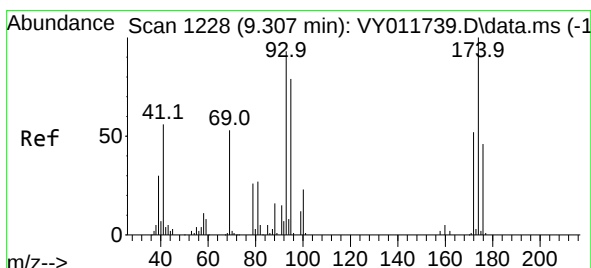
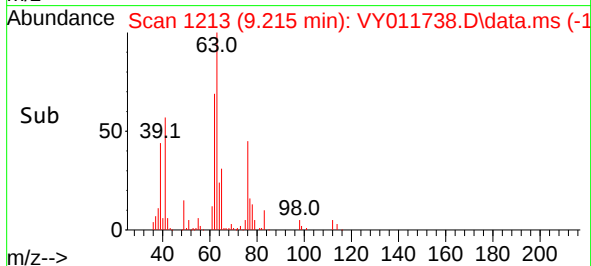
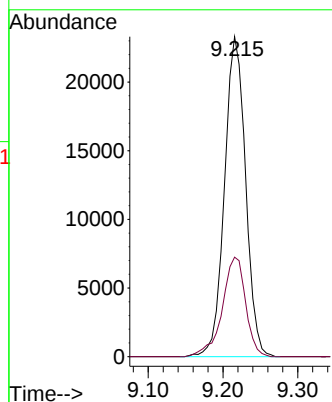
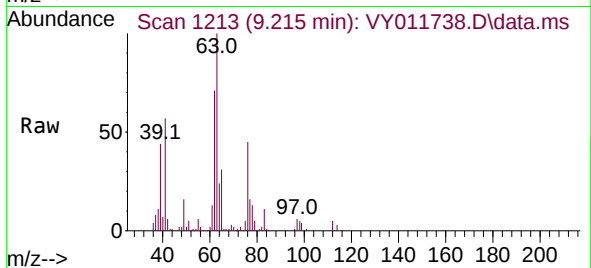
VSTDIC020

Tgt Ion: 63 Resp: 45745

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 20.104 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

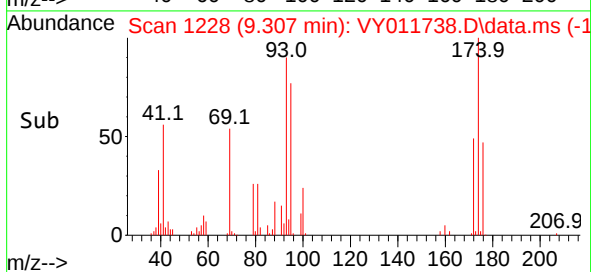
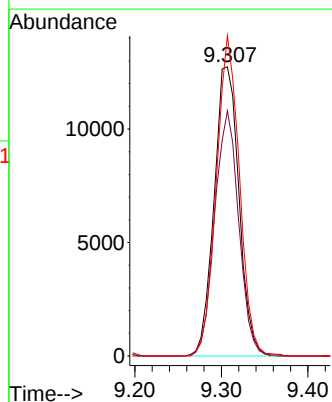
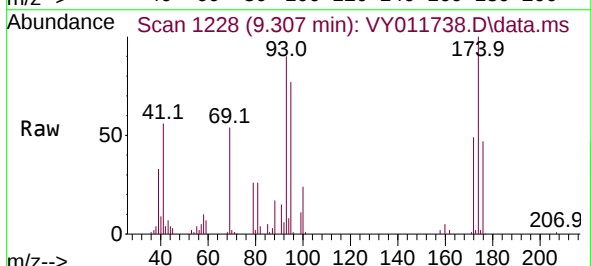
Tgt Ion: 93 Resp: 25390

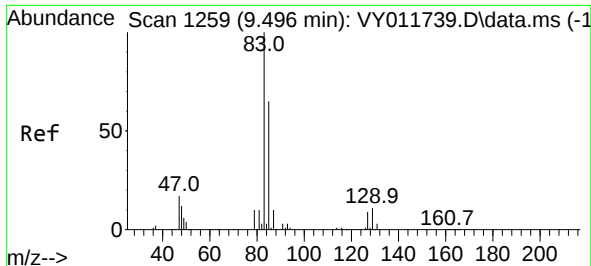
Ion Ratio Lower Upper

93 100

95 82.5 66.1 99.1

174 102.6 84.7 127.1

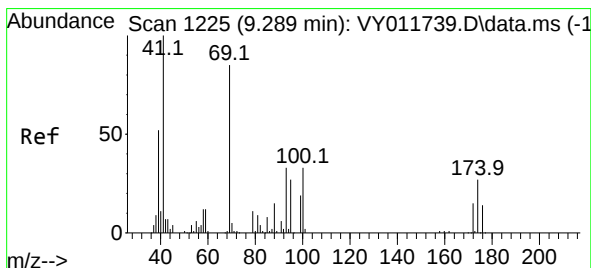
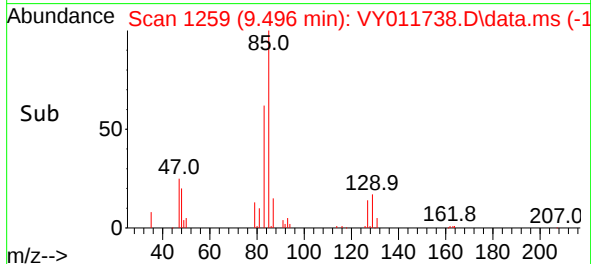
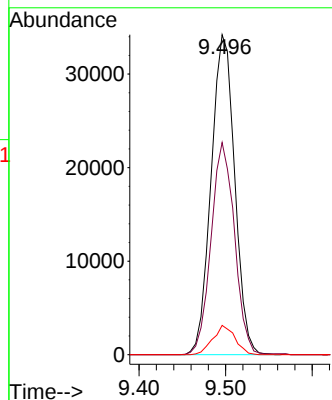
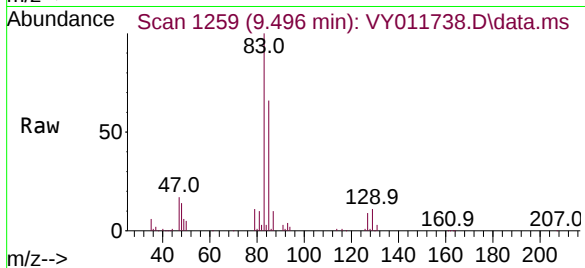




#47
Bromodichloromethane
Concen: 19.835 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

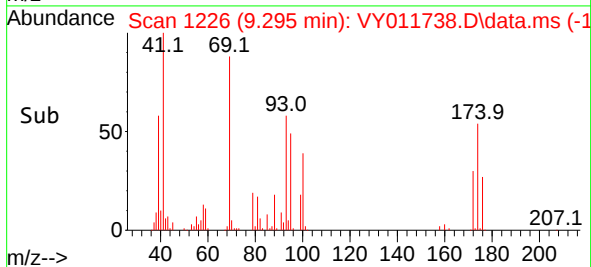
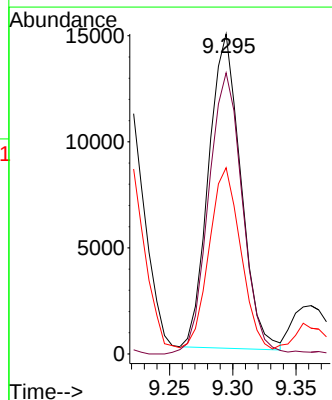
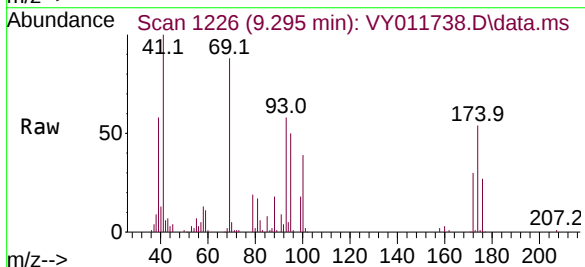
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

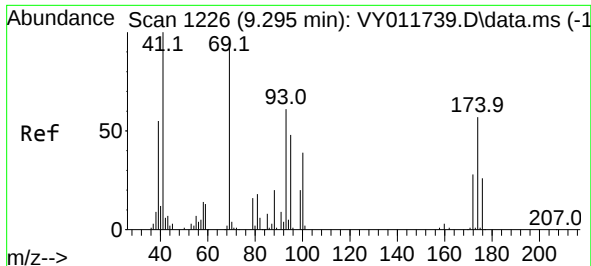
Tgt Ion: 83 Resp: 64715
Ion Ratio Lower Upper
83 100
85 66.3 52.0 78.0
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 19.204 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 41 Resp: 26185
Ion Ratio Lower Upper
41 100
69 94.8 74.2 111.2
39 60.1 46.3 69.5





#49

1,4-Dioxane

Concen: 389.975 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

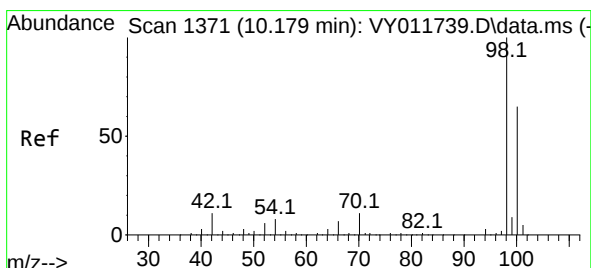
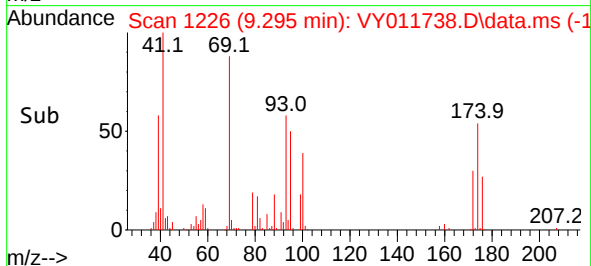
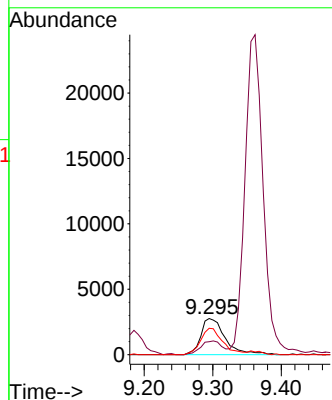
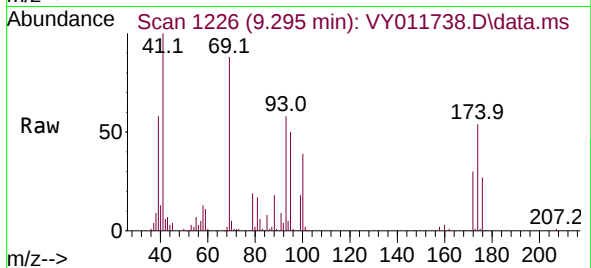
Tgt Ion: 88 Resp: 6823

Ion Ratio Lower Upper

88 100

43 32.9 26.2 39.2

58 66.7 54.3 81.5



#50

Toluene-d8

Concen: 25.164 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011738.D

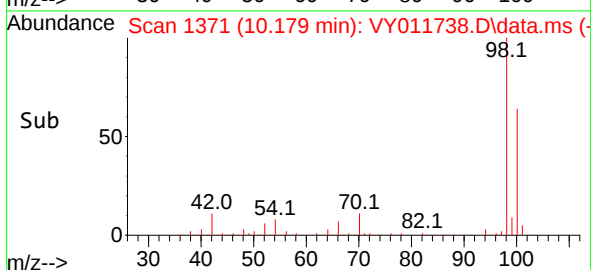
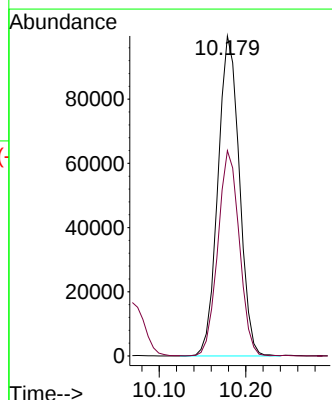
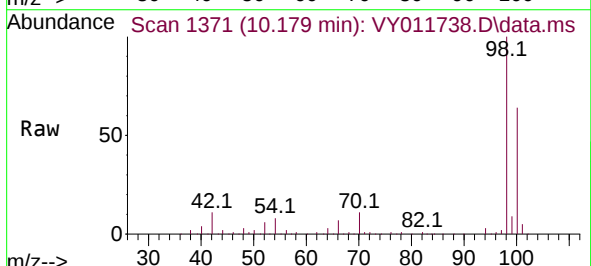
Acq: 09 Dec 2022 11:37

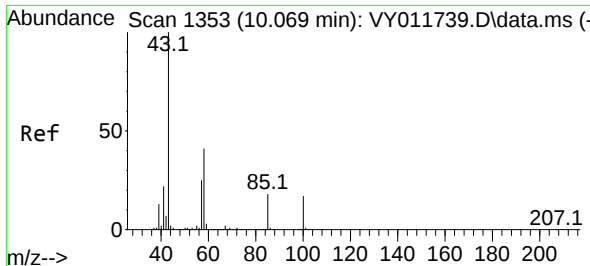
Tgt Ion: 98 Resp: 171185

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9

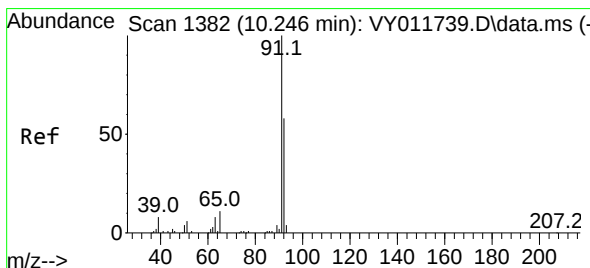
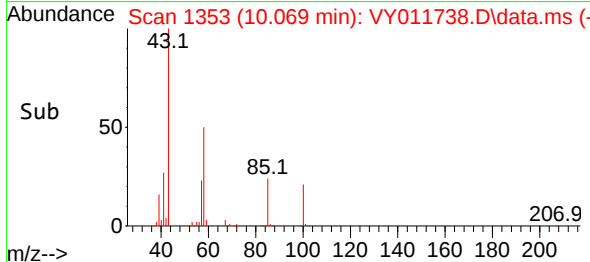
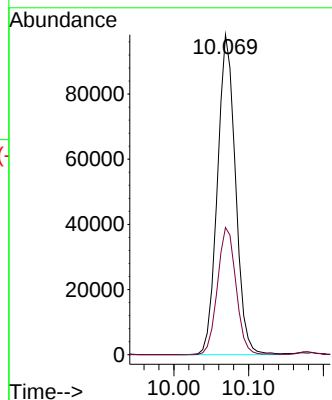
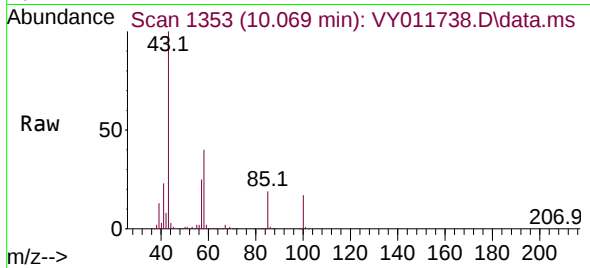




#51
4-Methyl-2-Pentanone
Concen: 97.147 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

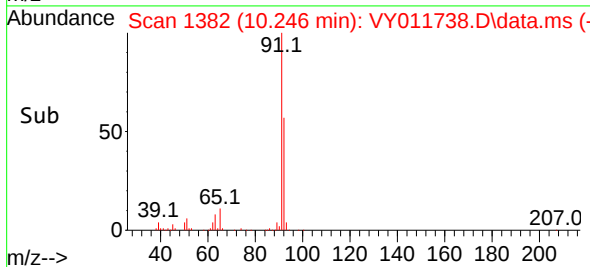
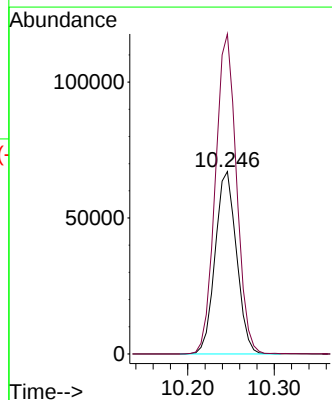
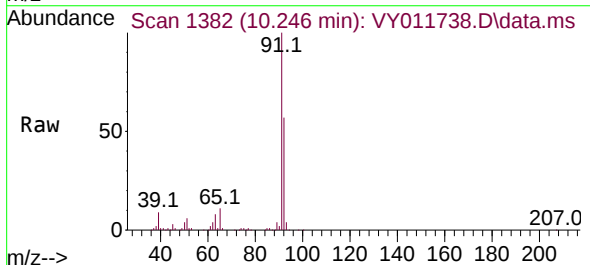
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

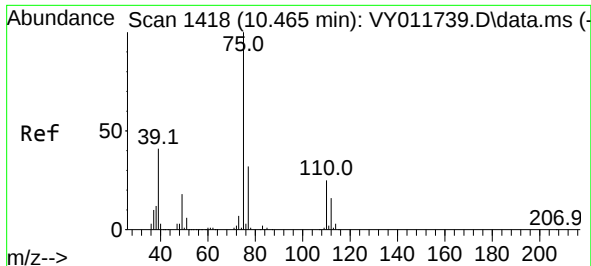
Tgt Ion: 43 Resp: 165583
Ion Ratio Lower Upper
43 100
58 40.8 32.9 49.3



#52
Toluene
Concen: 20.734 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 92 Resp: 114901
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.870 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

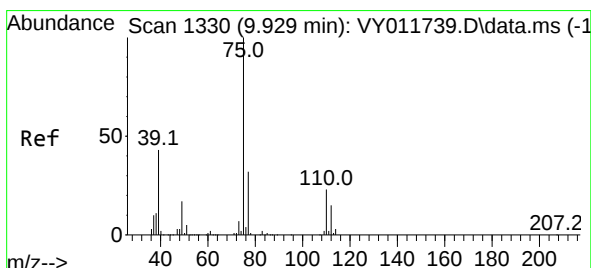
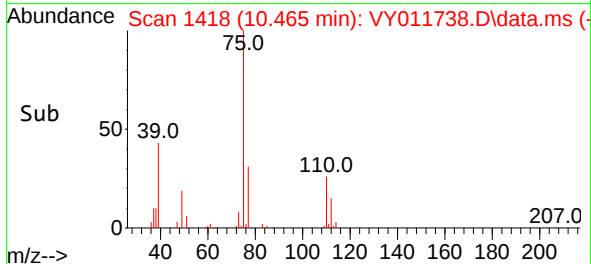
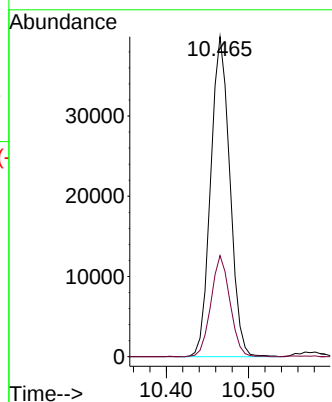
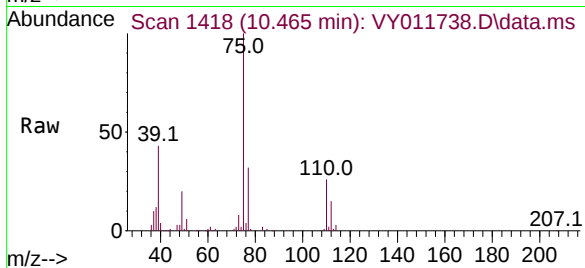
VSTDIC020

Tgt Ion: 75 Resp: 64757

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.194 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

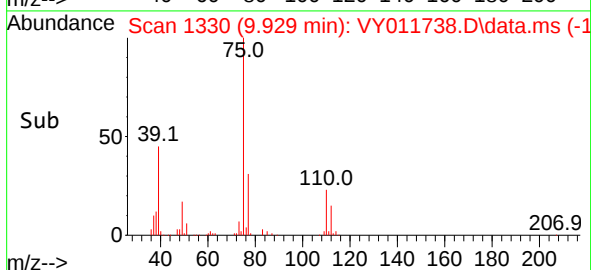
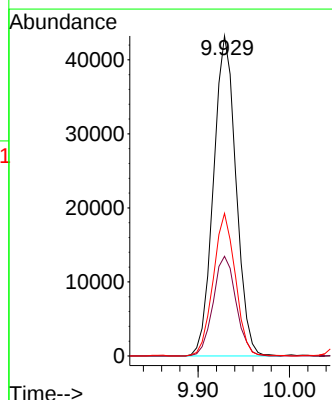
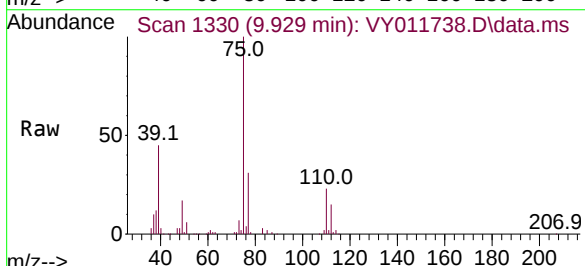
Tgt Ion: 75 Resp: 73942

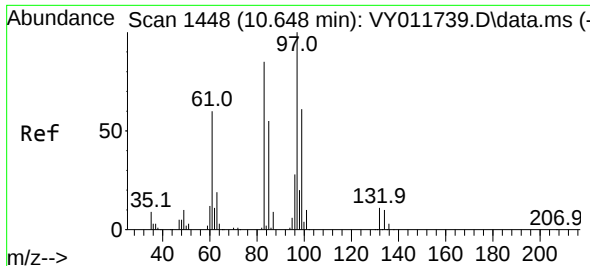
Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9

39 44.5 34.6 52.0

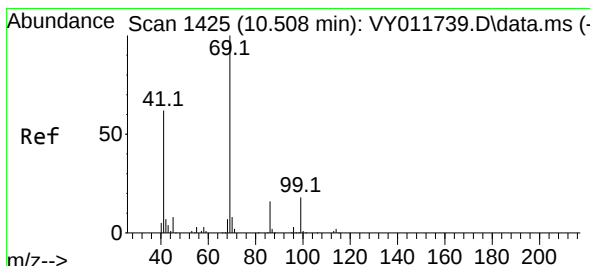
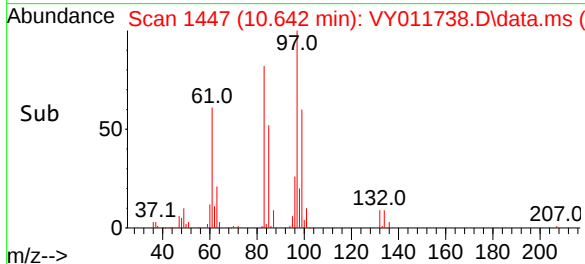
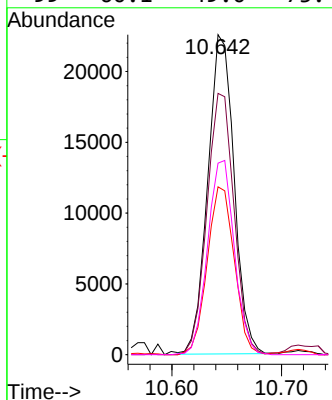
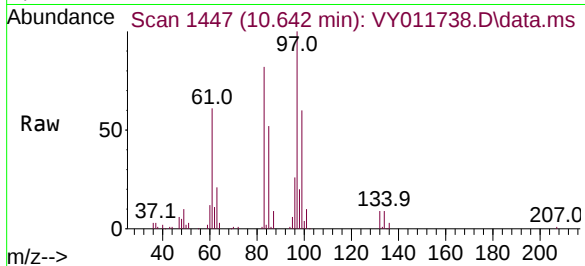




#55
1,1,2-Trichloroethane
Concen: 20.140 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

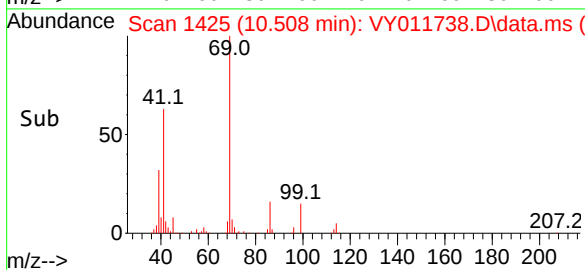
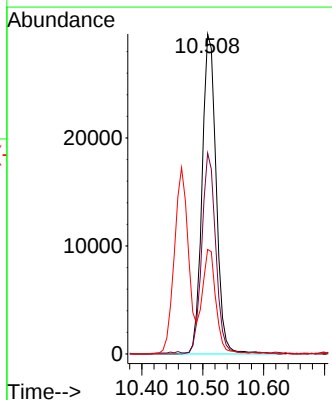
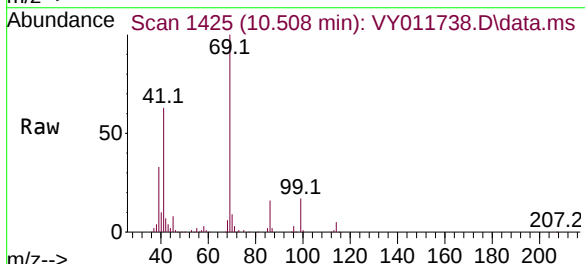
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

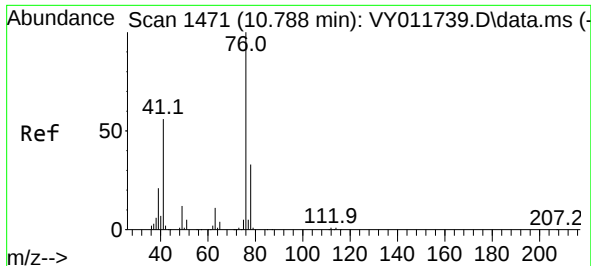
Tgt Ion: 97	Resp: 37595
Ion Ratio	Lower Upper
97 100	
83 82.0	67.7 101.5
85 52.6	43.8 65.8
99 60.1	49.0 73.4



#56
Ethyl methacrylate
Concen: 19.797 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 69	Resp: 47703
Ion Ratio	Lower Upper
69 100	
41 61.2	48.9 73.3
39 30.4	25.9 38.9





#57

1,3-Dichloropropane

Concen: 20.358 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

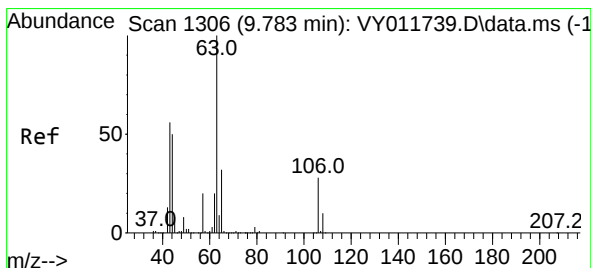
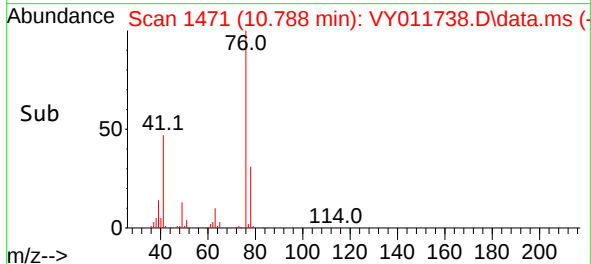
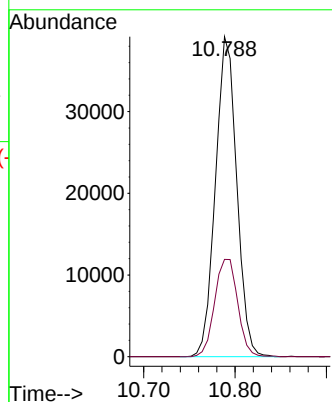
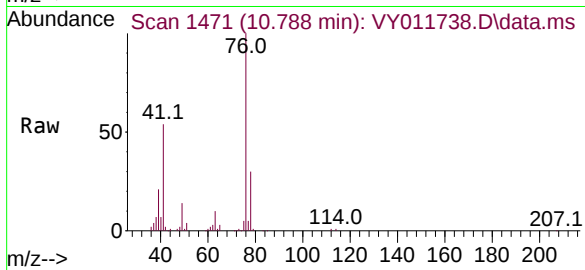
VSTDIC020

Tgt Ion: 76 Resp: 63344

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.047 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011738.D

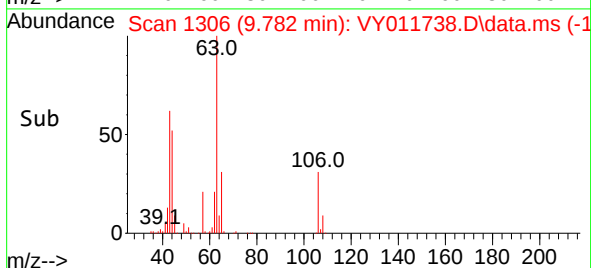
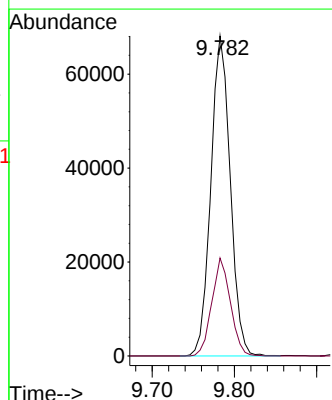
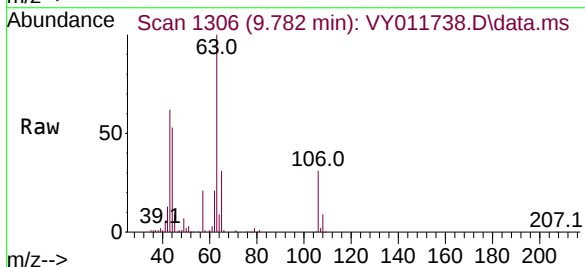
Acq: 09 Dec 2022 11:37

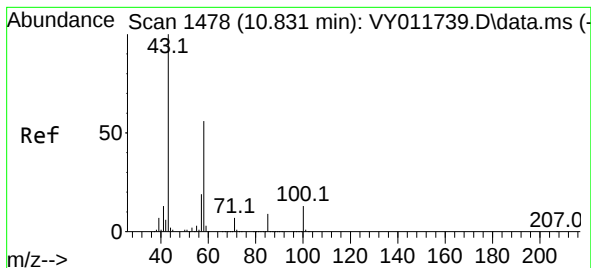
Tgt Ion: 63 Resp: 111788

Ion Ratio Lower Upper

63 100

106 29.3 23.2 34.8

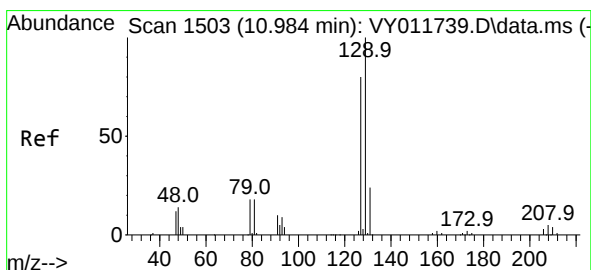
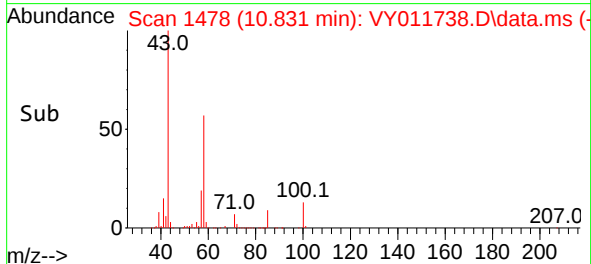
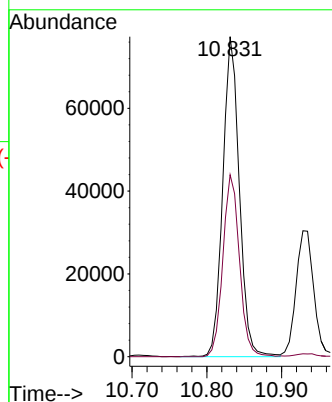
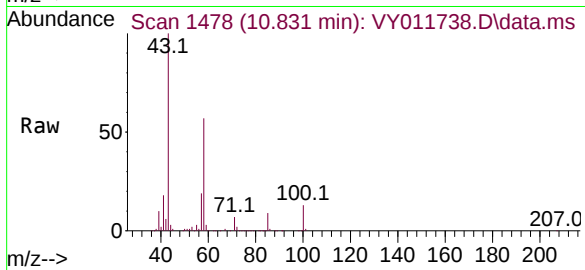




#59
2-Hexanone
Concen: 97.890 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

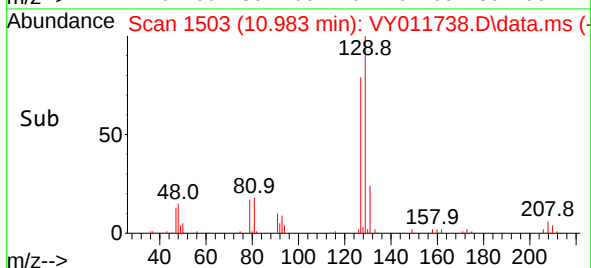
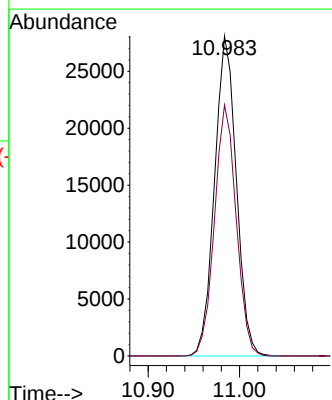
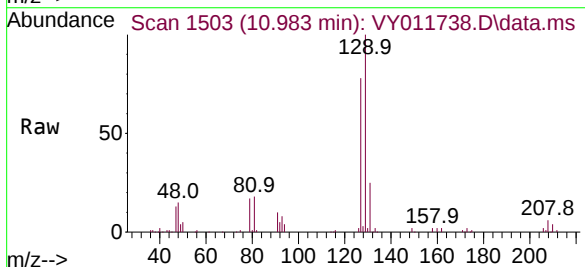
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

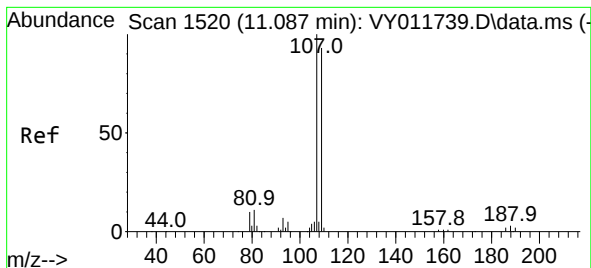
Tgt Ion: 43 Resp: 119212
Ion Ratio Lower Upper
43 100
58 57.1 28.4 85.2



#60
Dibromochloromethane
Concen: 19.887 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 129 Resp: 46494
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6

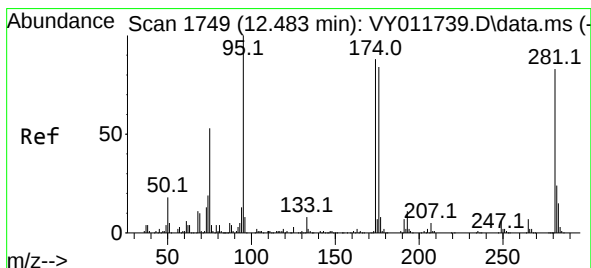
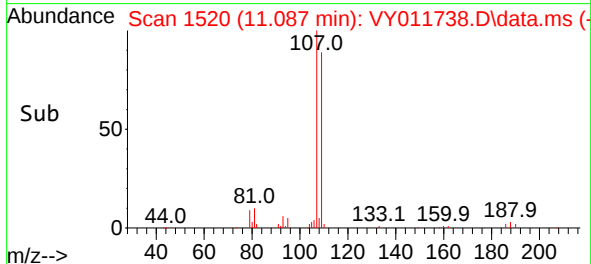
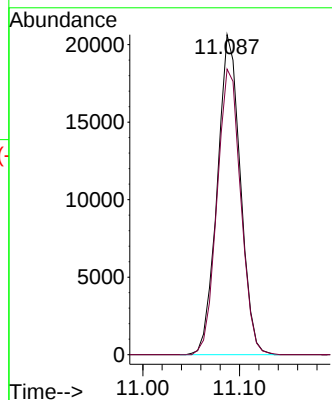
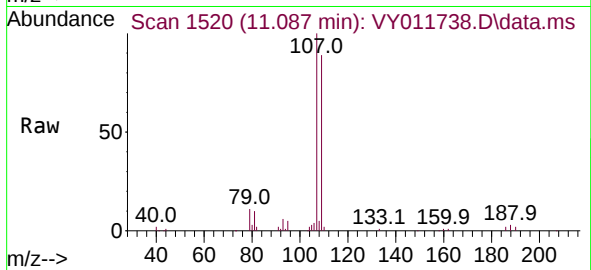




#61
1,2-Dibromoethane
Concen: 20.182 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

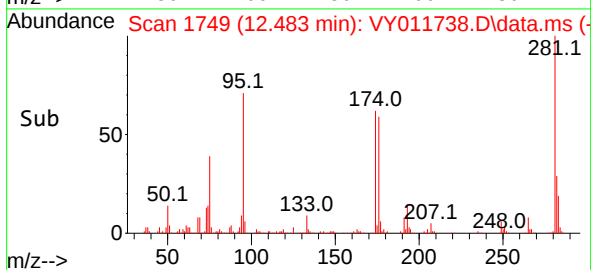
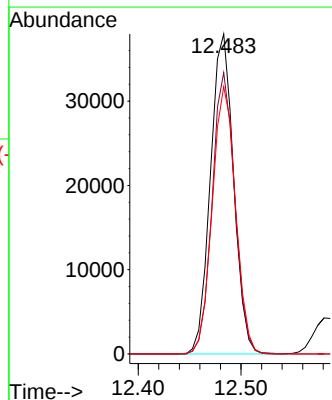
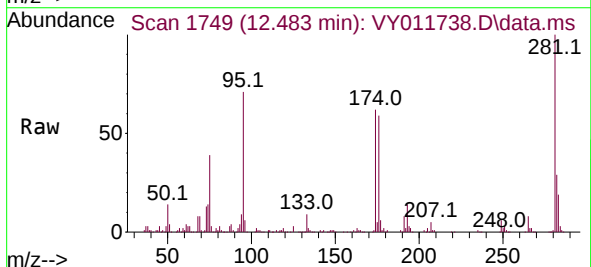
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

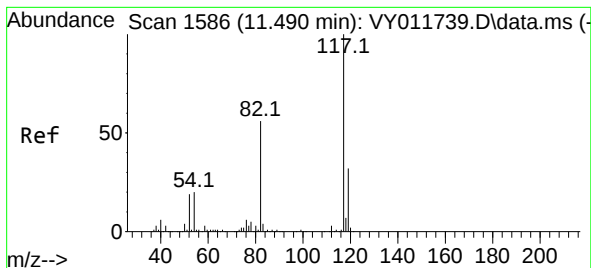
Tgt Ion:107 Resp: 34129
Ion Ratio Lower Upper
107 100
109 91.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 22.756 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 95 Resp: 59438
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.0
176 84.2 0.0 167.6

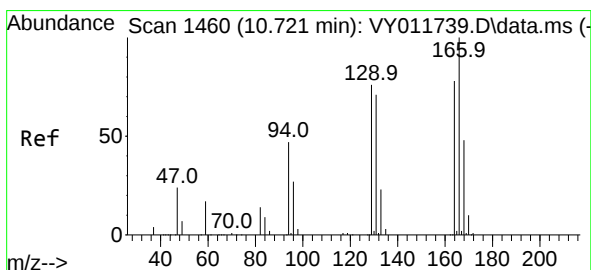
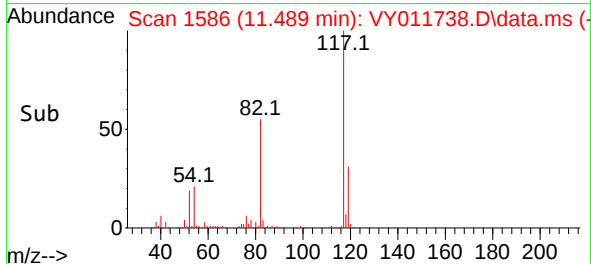
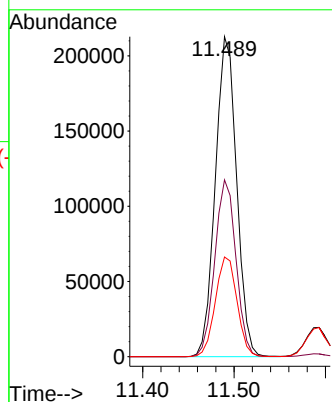
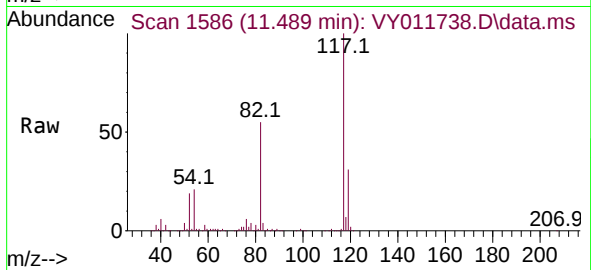




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

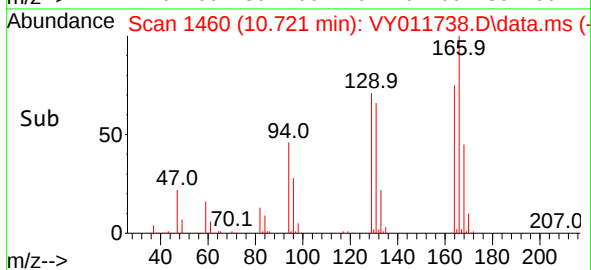
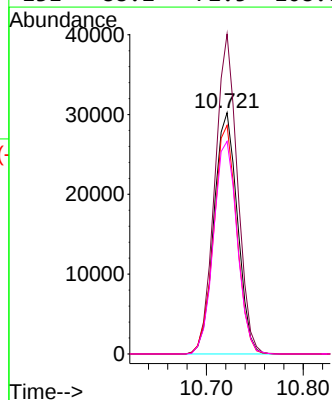
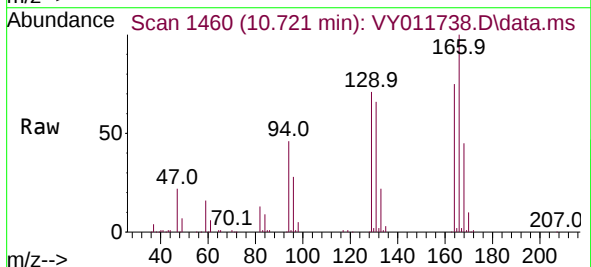
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

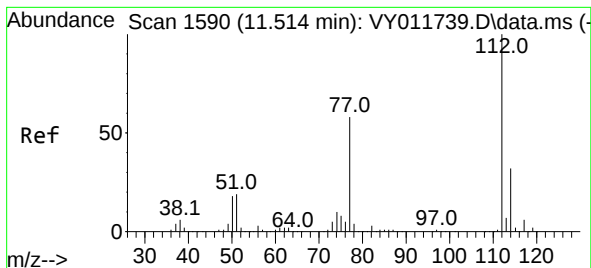
Tgt Ion:117 Resp: 344942
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 31.1 25.4 38.2



#64
Tetrachloroethene
Concen: 20.841 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion:164 Resp: 50862
Ion Ratio Lower Upper
164 100
166 132.7 102.3 153.5
129 94.8 77.2 115.8
131 88.2 72.5 108.7





#65

Chlorobenzene

Concen: 20.381 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

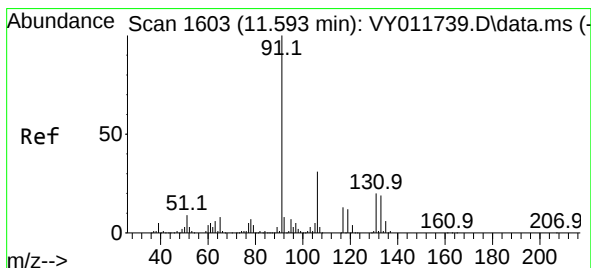
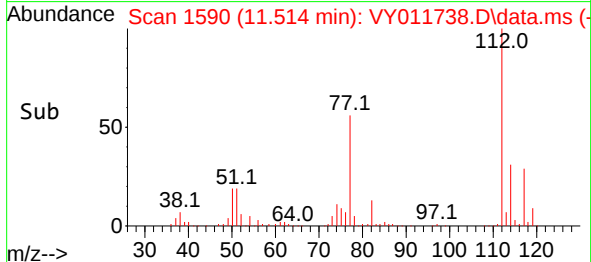
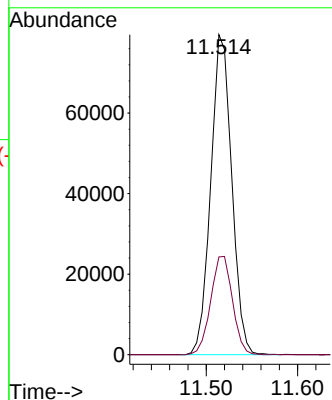
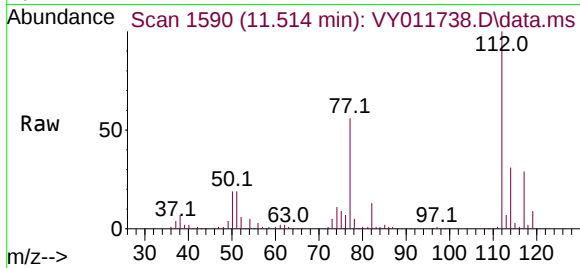
VSTDICC020

Tgt Ion:112 Resp: 126675

Ion Ratio Lower Upper

112 100

114 30.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.805 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

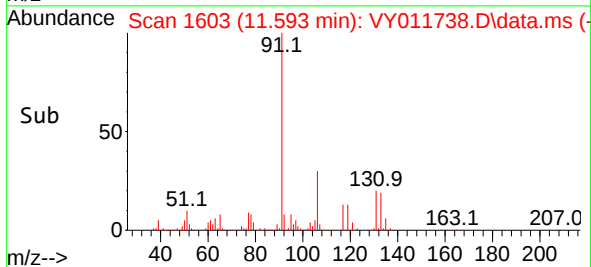
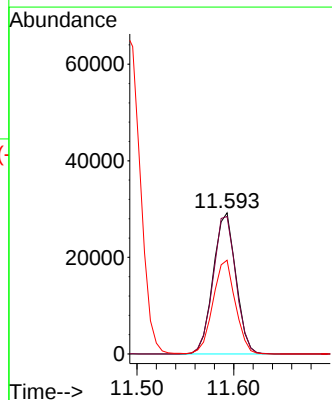
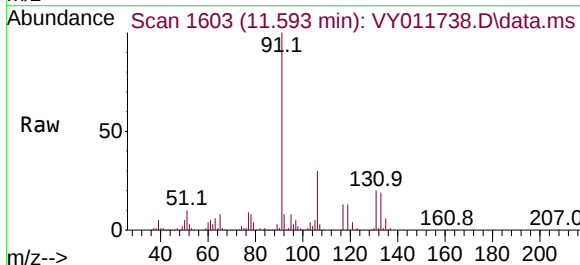
Tgt Ion:131 Resp: 47753

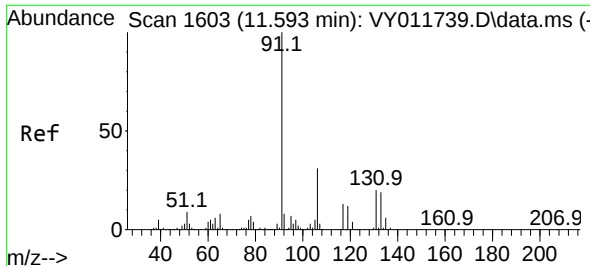
Ion Ratio Lower Upper

131 100

133 98.4 47.3 142.0

119 65.6 32.1 96.3

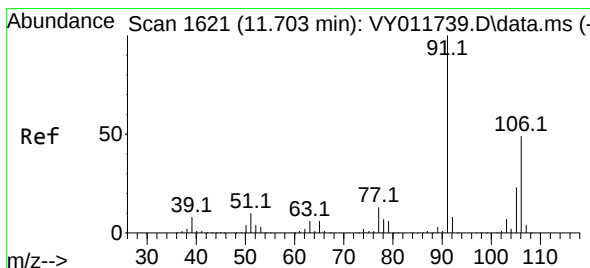
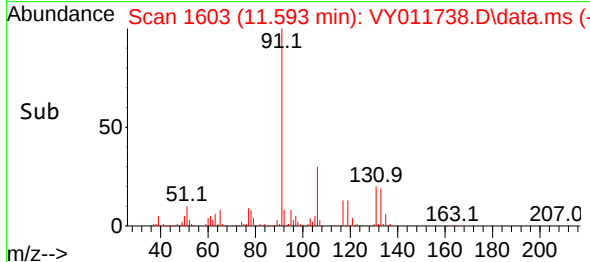
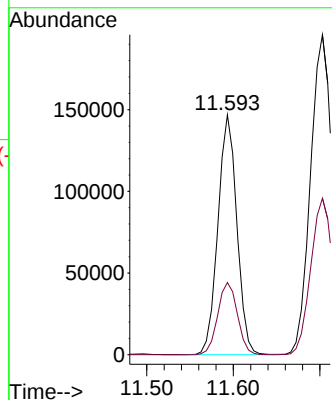
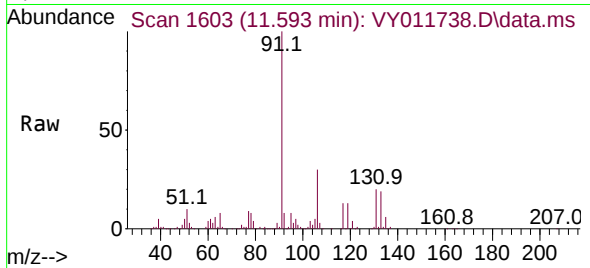




#67
Ethyl Benzene
Concen: 20.333 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

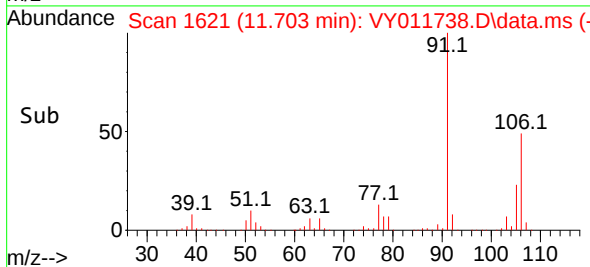
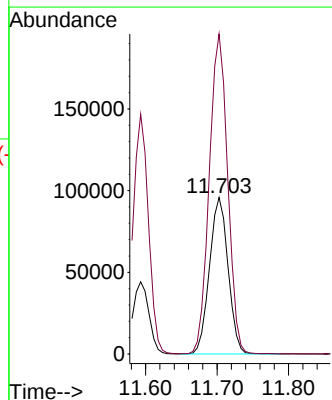
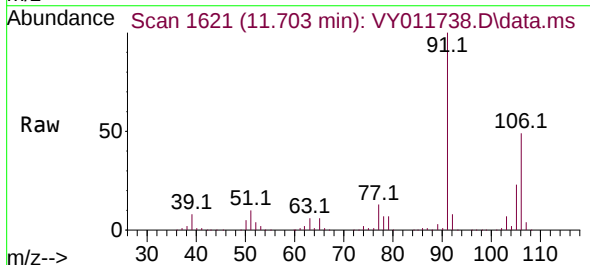
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

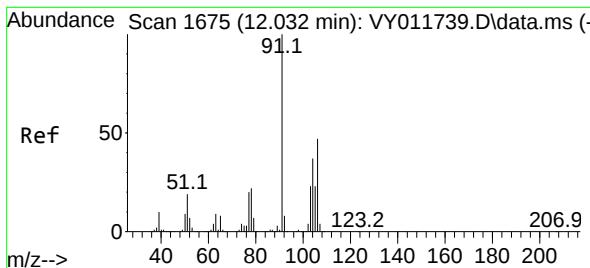
Tgt Ion: 91 Resp: 222675
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4



#68
m/p-Xylenes
Concen: 41.218 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion:106 Resp: 172869
Ion Ratio Lower Upper
106 100
91 202.4 162.5 243.7





#69

o-Xylene

Concen: 20.437 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

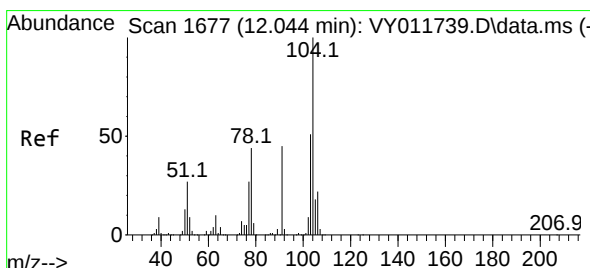
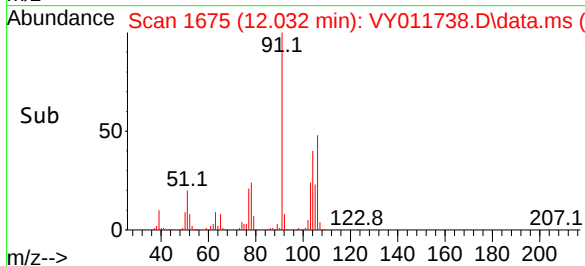
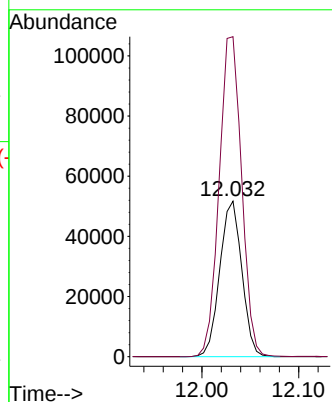
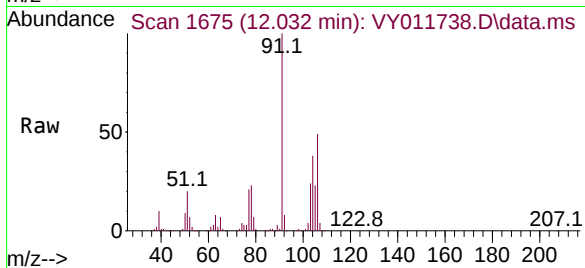
VSTDIC020

Tgt Ion:106 Resp: 81701

Ion Ratio Lower Upper

106 100

91 210.1 107.5 322.4



#70

Styrene

Concen: 20.514 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

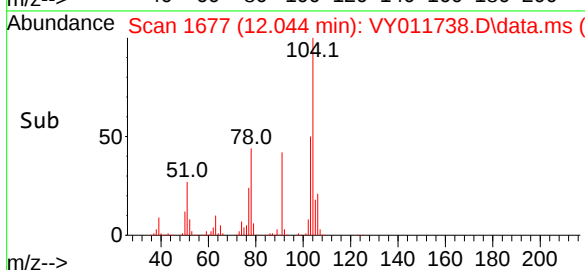
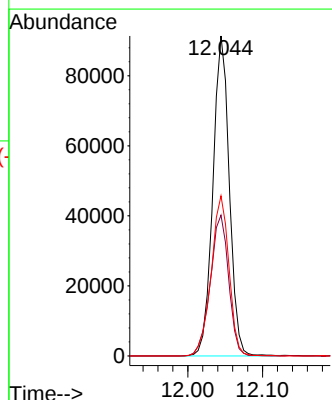
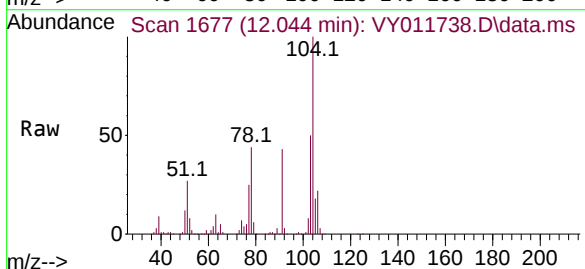
Tgt Ion:104 Resp: 139968

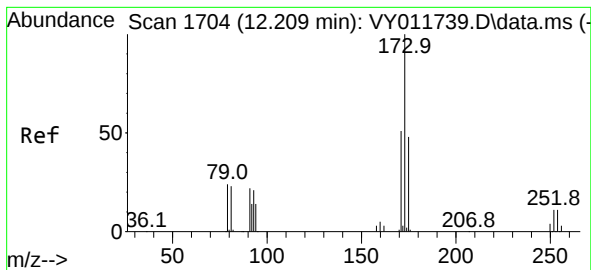
Ion Ratio Lower Upper

104 100

78 49.1 39.4 59.0

103 54.2 43.0 64.4





#71

Bromoform

Concen: 19.706 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

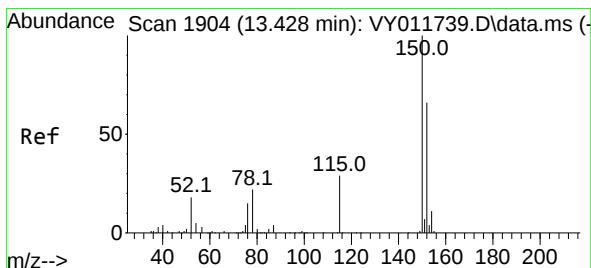
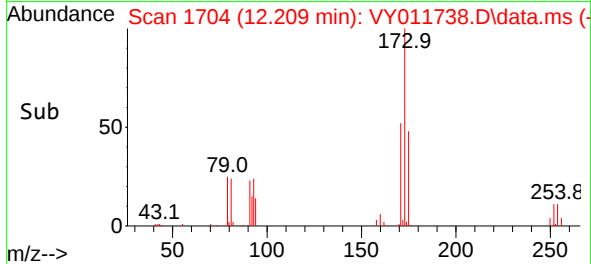
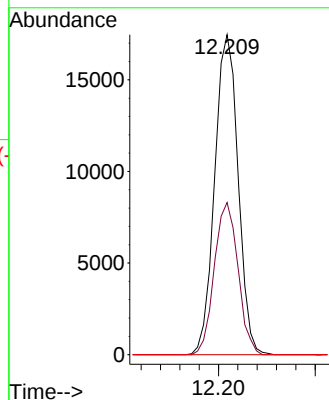
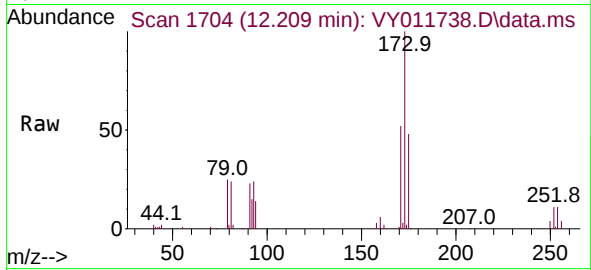
Tgt Ion:173 Resp: 29308

Ion Ratio Lower Upper

173 100

175 48.2 23.8 71.5

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: VY011738.D

Acq: 09 Dec 2022 11:37

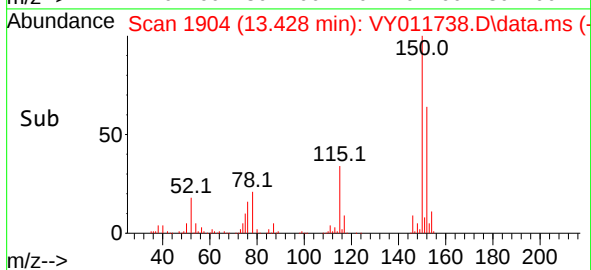
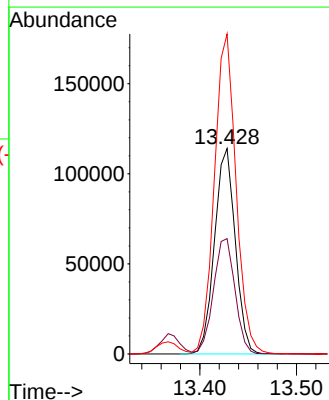
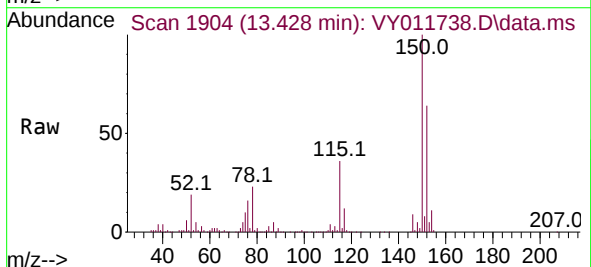
Tgt Ion:152 Resp: 170218

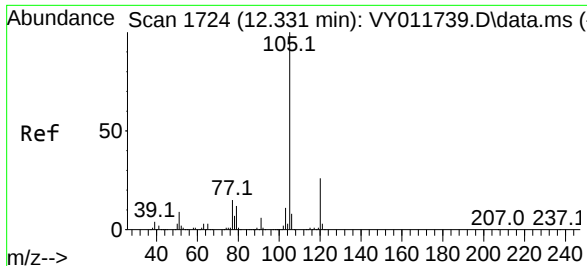
Ion Ratio Lower Upper

152 100

115 58.4 29.1 87.3

150 162.1 0.0 342.6

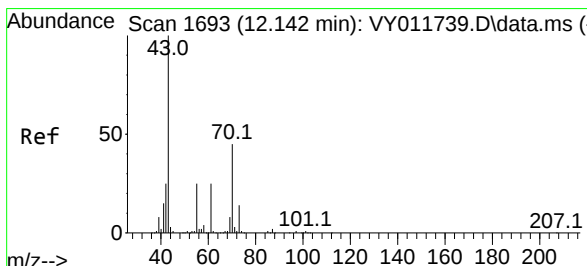
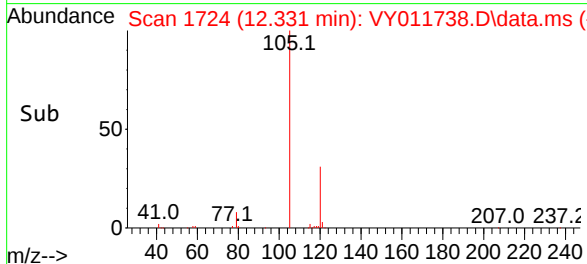
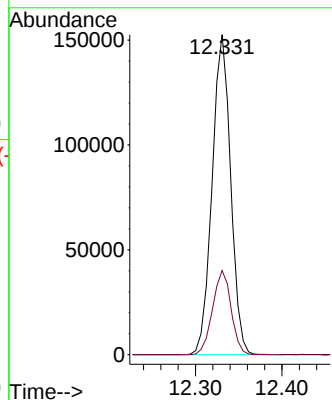
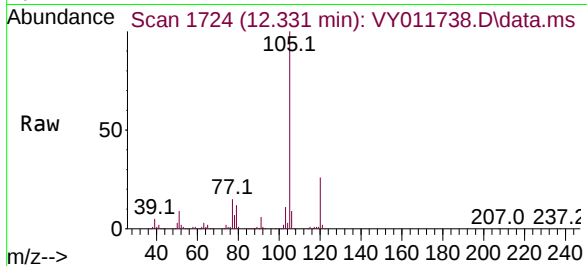




#73
Isopropylbenzene
Concen: 20.554 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

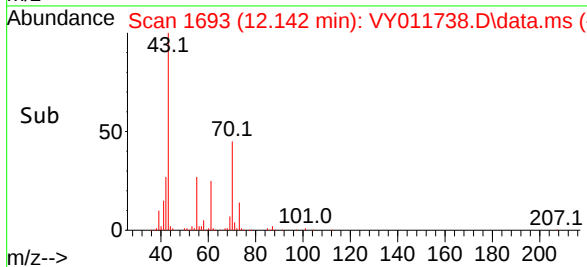
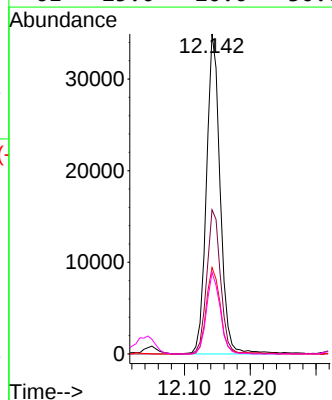
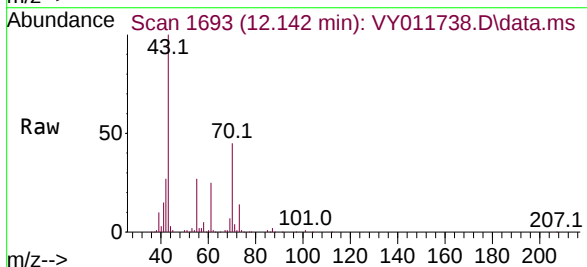
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

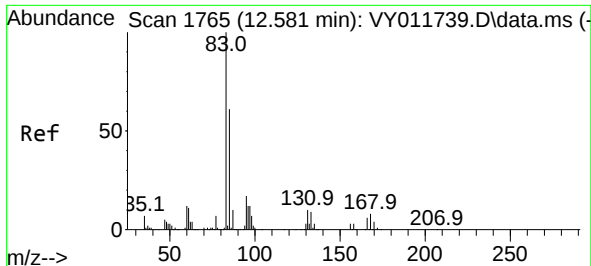
Tgt Ion:105 Resp: 226675
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 19.193 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 43 Resp: 50892
Ion Ratio Lower Upper
43 100
70 44.9 35.8 53.8
55 27.8 21.0 31.4
61 25.0 20.0 30.0

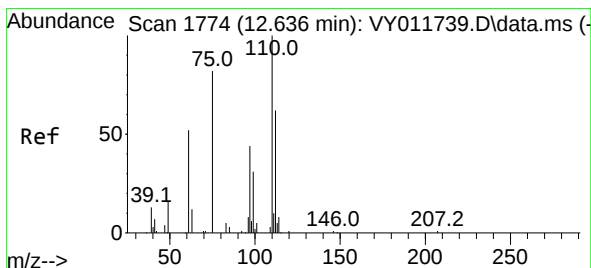
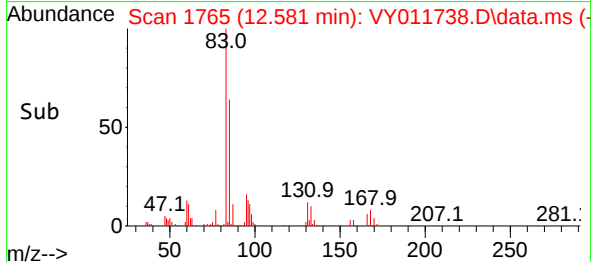
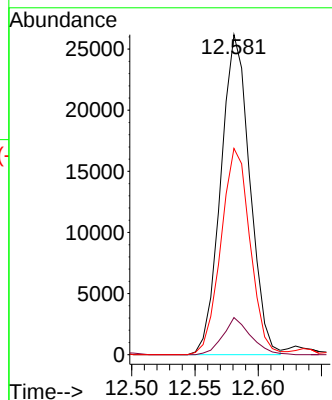
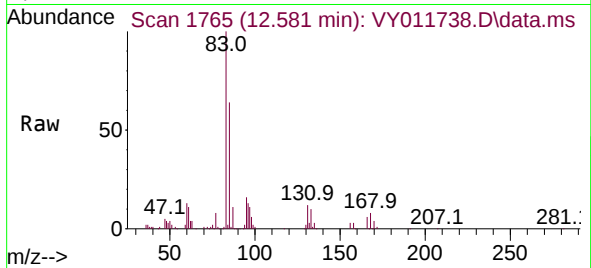




#75
1,1,2,2-Tetrachloroethane
Concen: 19.456 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

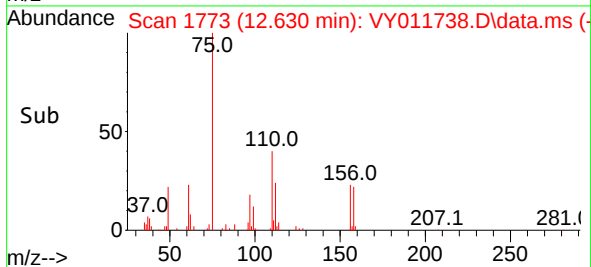
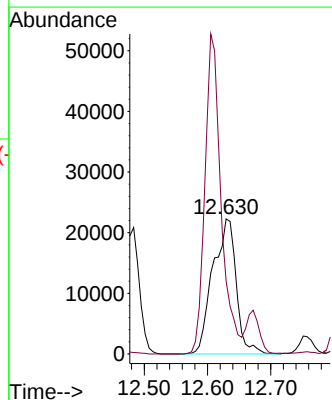
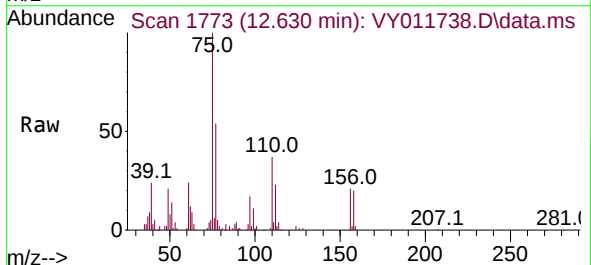
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

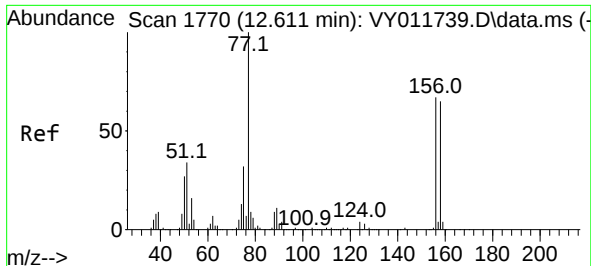
Tgt Ion: 83 Resp: 41787
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 28.147 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 75 Resp: 57112
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

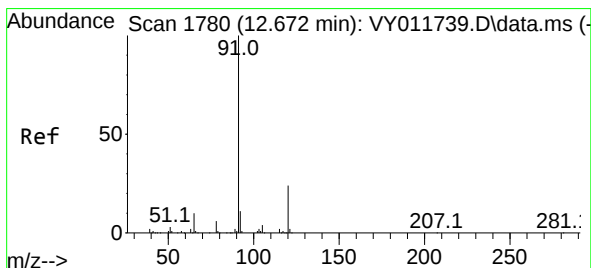
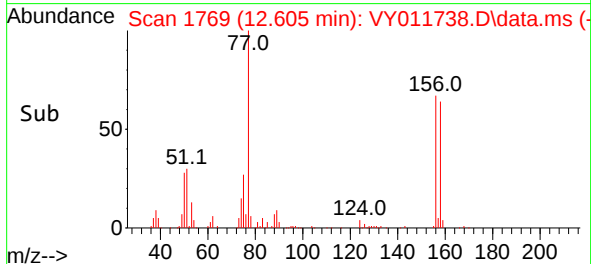
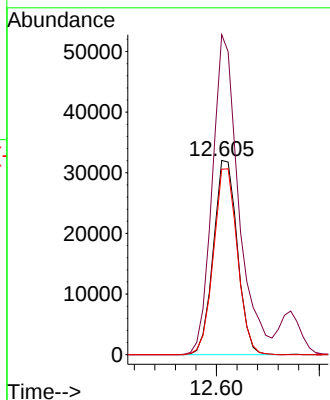
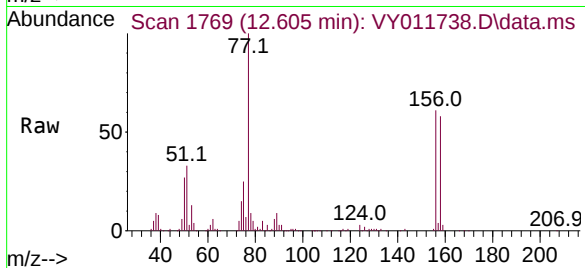




#77
Bromobenzene
Concen: 20.088 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

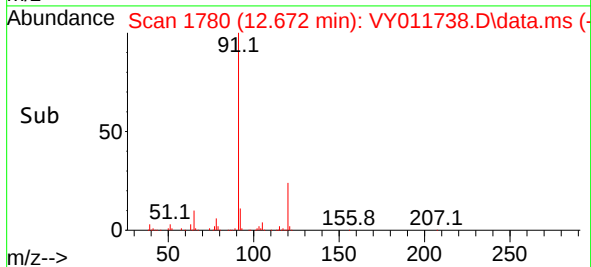
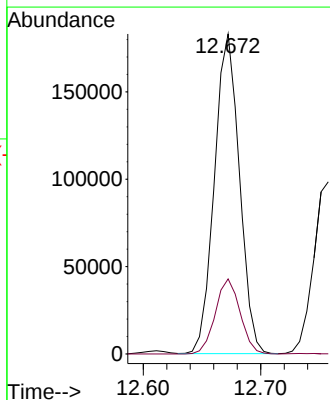
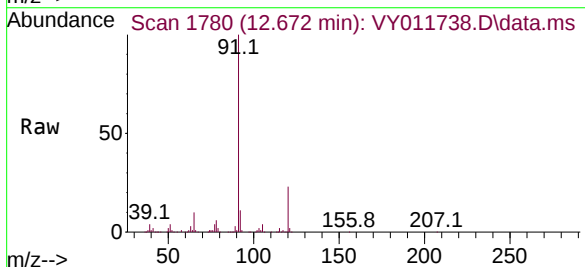
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

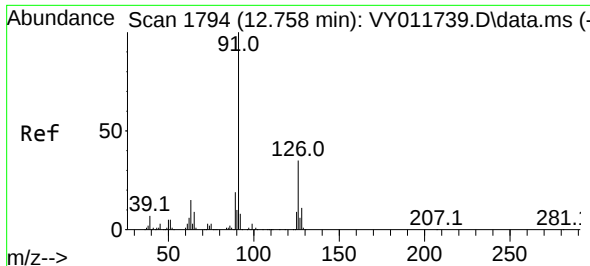
Tgt Ion:156 Resp: 51727
Ion Ratio Lower Upper
156 100
77 181.8 90.0 270.0
158 95.8 48.4 145.2



#78
n-propylbenzene
Concen: 20.473 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 91 Resp: 270574
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.389 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

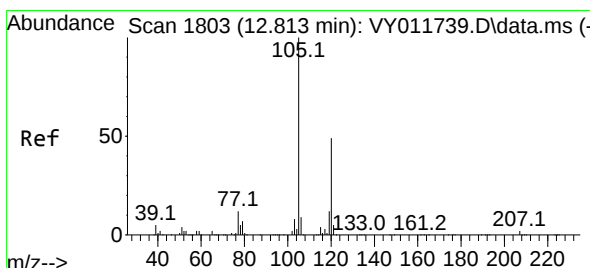
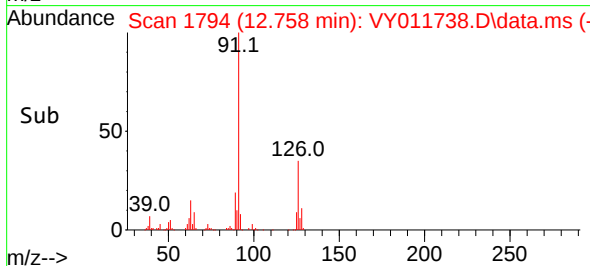
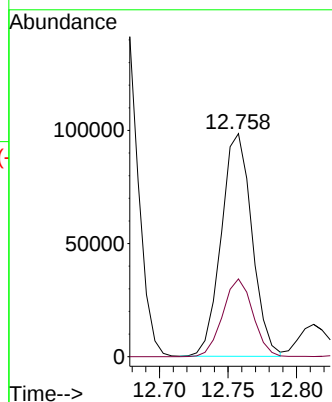
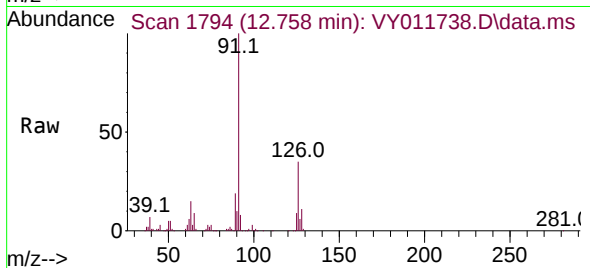
VSTDIC020

Tgt Ion: 91 Resp: 153792

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.617 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011738.D

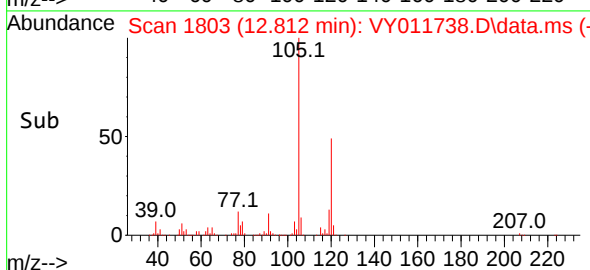
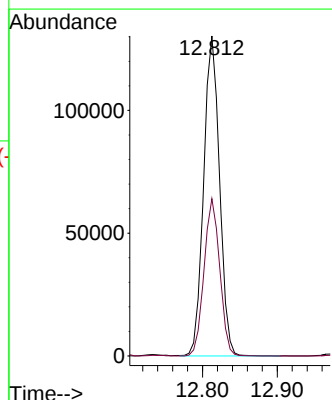
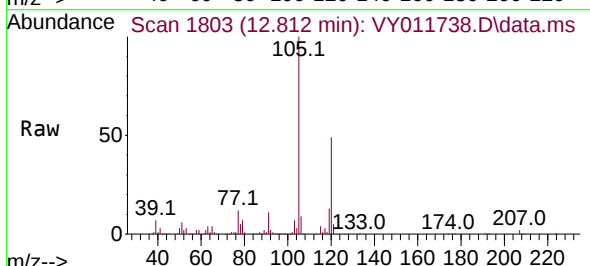
Acq: 09 Dec 2022 11:37

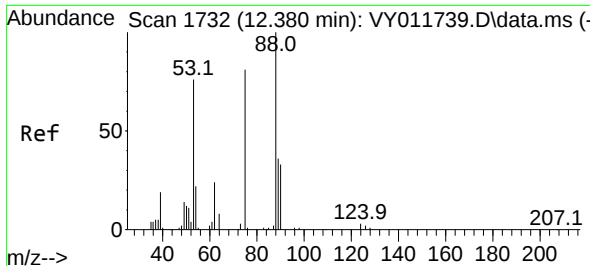
Tgt Ion: 105 Resp: 192187

Ion Ratio Lower Upper

105 100

120 48.6 24.2 72.6

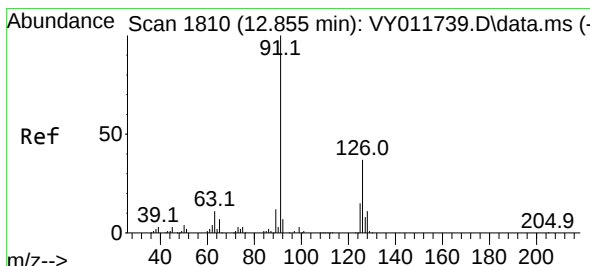
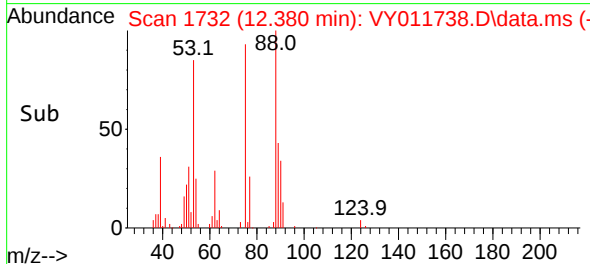
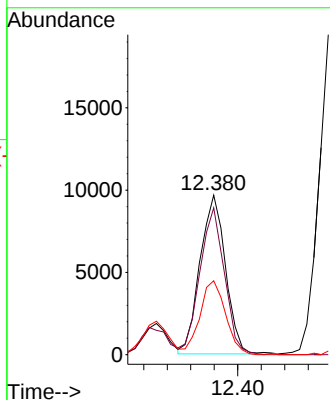
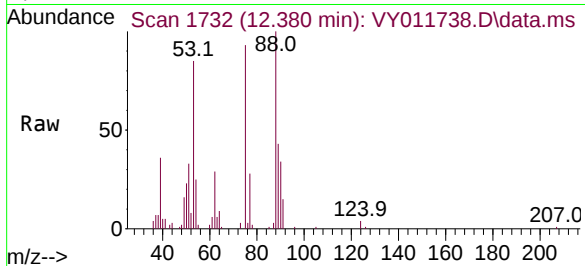




#81
trans-1,4-Dichloro-2-butene
Concen: 19.114 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

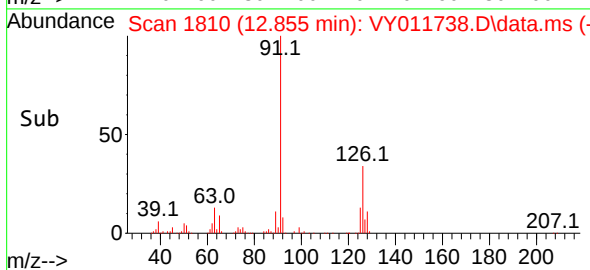
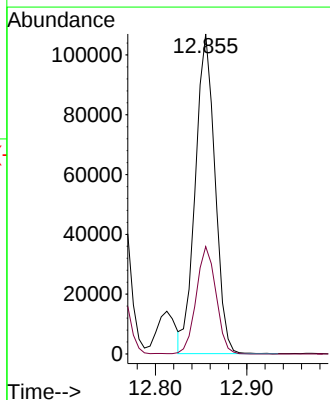
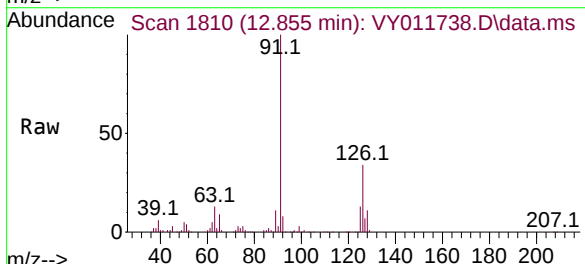
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

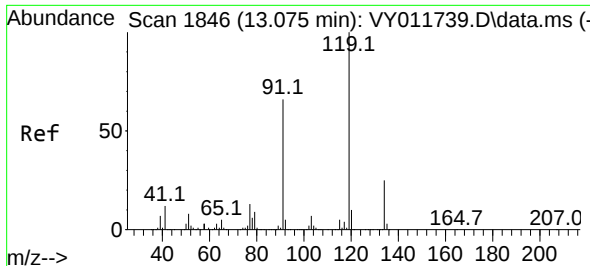
Tgt Ion: 75 Resp: 14506
Ion Ratio Lower Upper
75 100
53 89.9 72.5 108.7
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.339 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 91 Resp: 159122
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

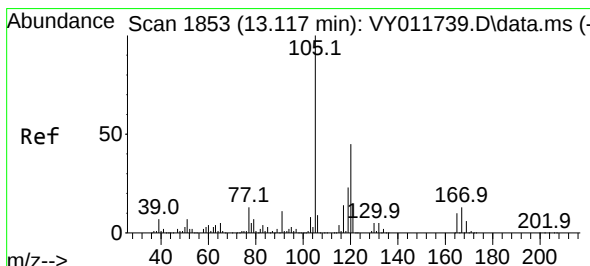
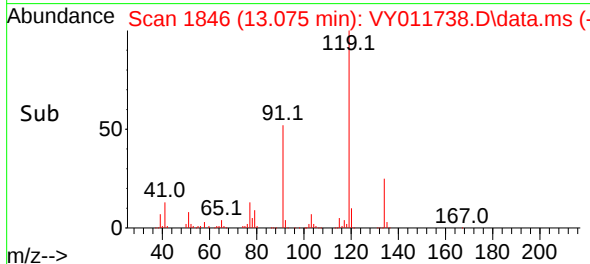
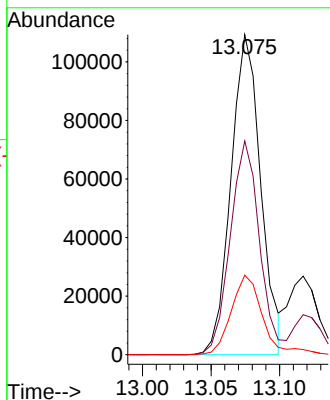
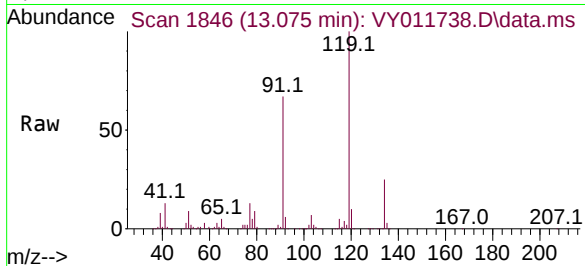




#83
tert-Butylbenzene
Concen: 20.351 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

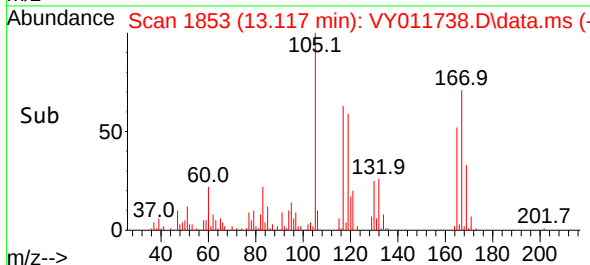
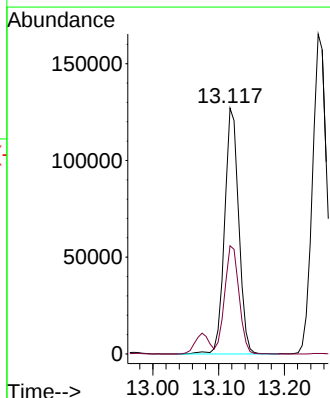
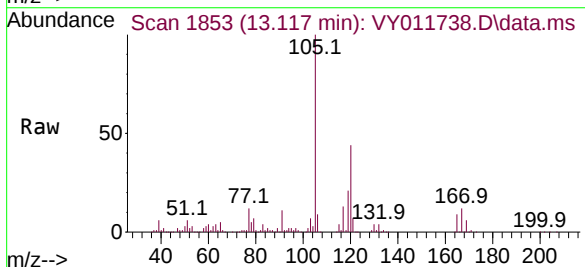
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

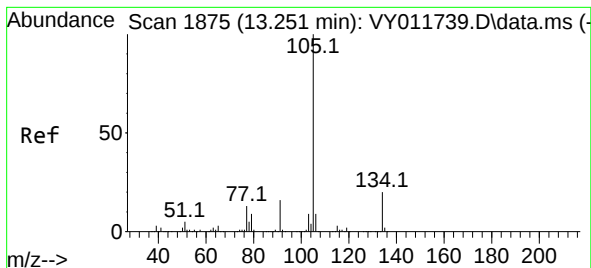
Tgt Ion:119 Resp: 165187
Ion Ratio Lower Upper
119 100
91 66.2 32.3 96.8
134 26.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.698 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion:105 Resp: 189976
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.528 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

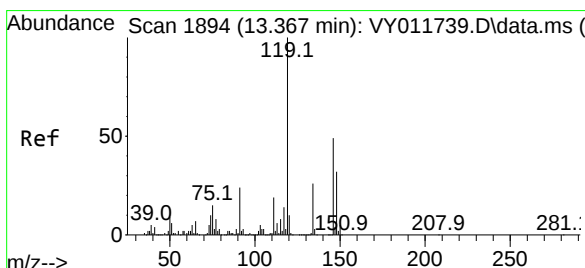
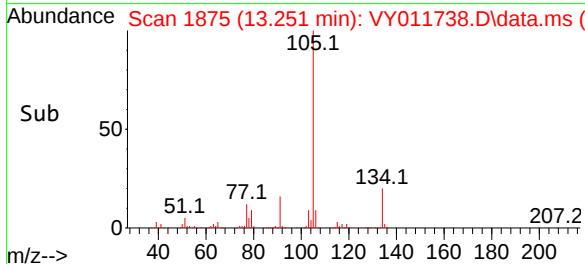
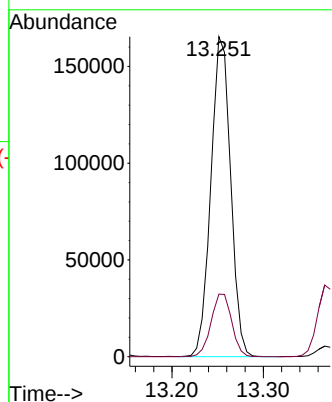
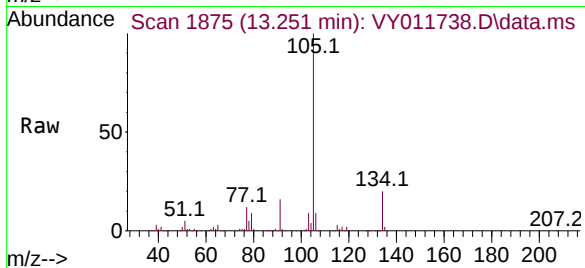
VSTDIC020

Tgt Ion:105 Resp: 248145

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.280 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

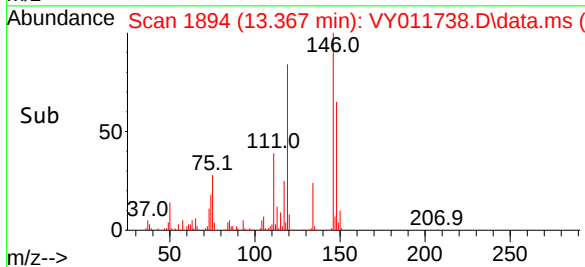
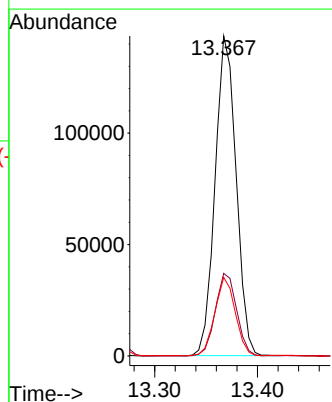
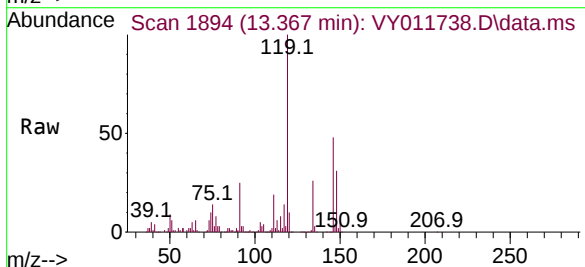
Tgt Ion:119 Resp: 204035

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.324 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

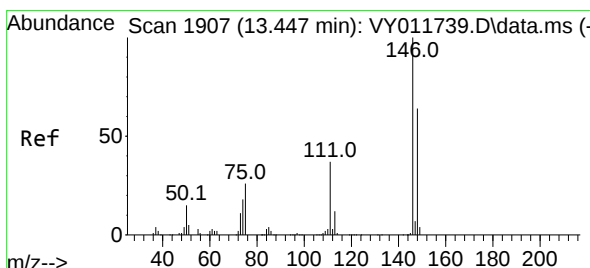
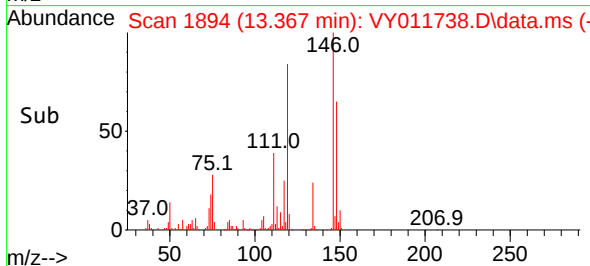
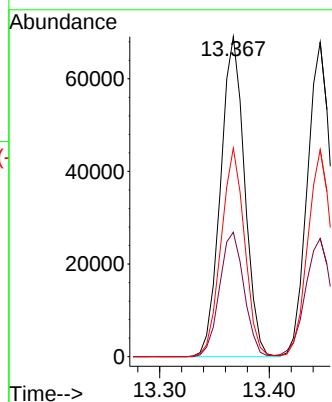
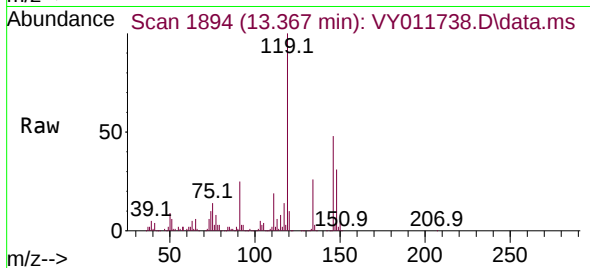
Tgt Ion:146 Resp: 105315

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.065 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

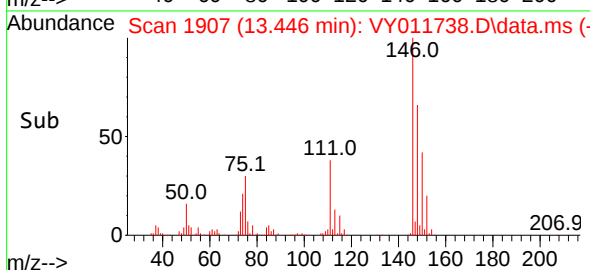
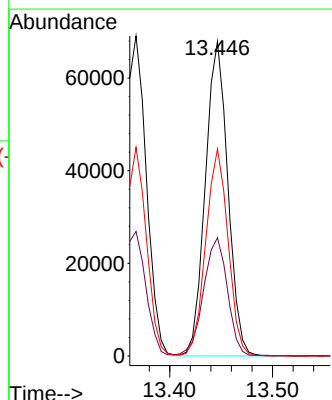
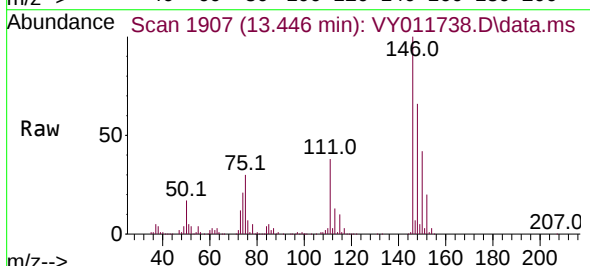
Tgt Ion:146 Resp: 103339

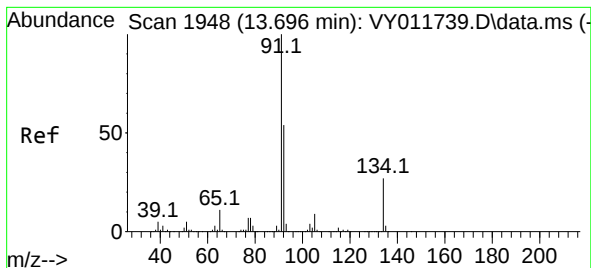
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

148 65.2 31.9 95.7





#89

n-Butylbenzene

Concen: 20.526 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

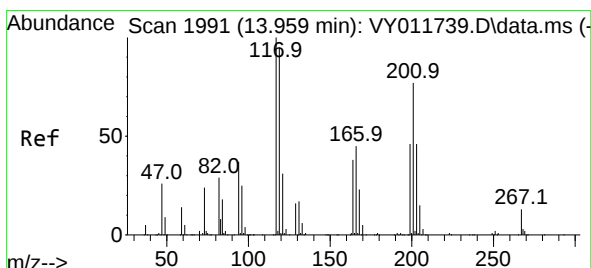
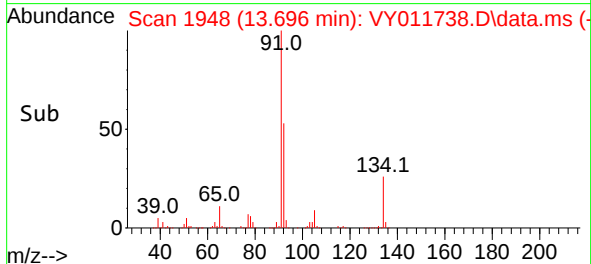
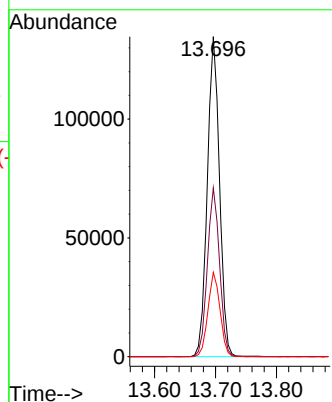
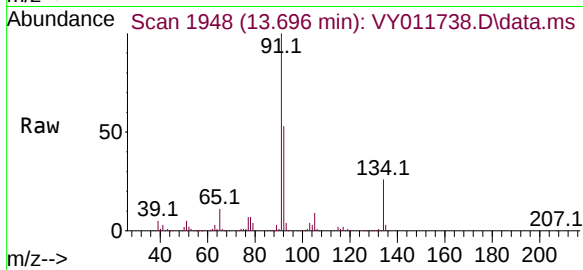
Tgt Ion: 91 Resp: 187730

Ion Ratio Lower Upper

91 100

92 52.6 26.8 80.4

134 26.0 13.3 39.8



#90

Hexachloroethane

Concen: 20.558 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011738.D

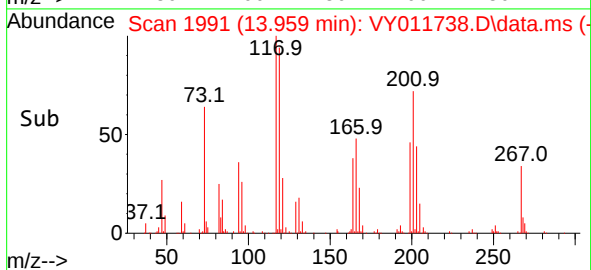
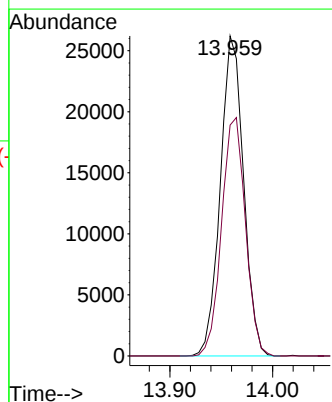
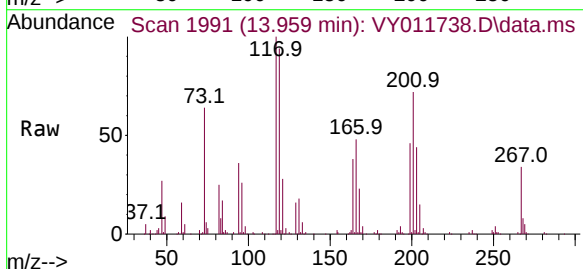
Acq: 09 Dec 2022 11:37

Tgt Ion: 117 Resp: 41100

Ion Ratio Lower Upper

117 100

201 76.5 40.3 120.8

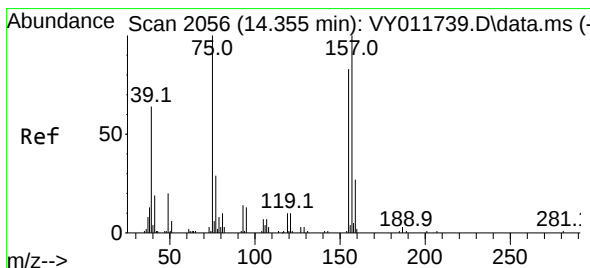
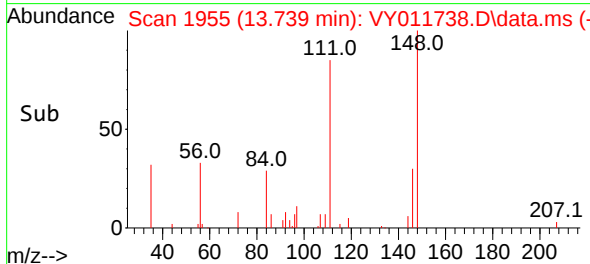
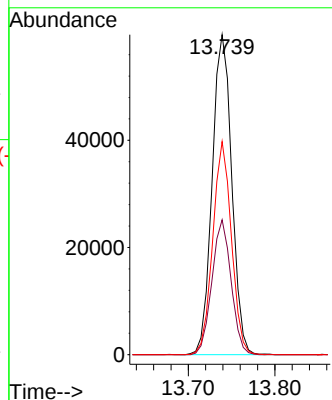
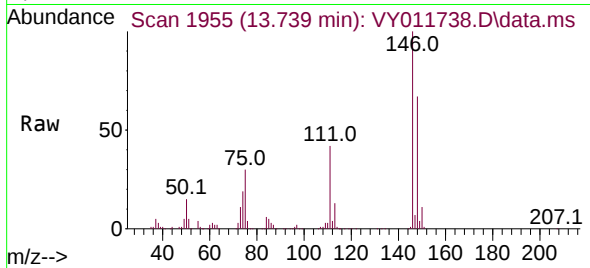




#91
1,2-Dichlorobenzene
Concen: 20.080 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

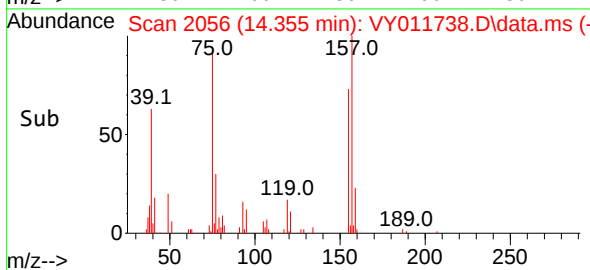
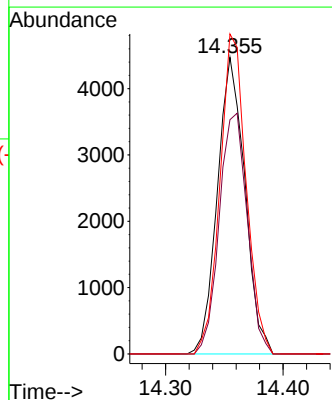
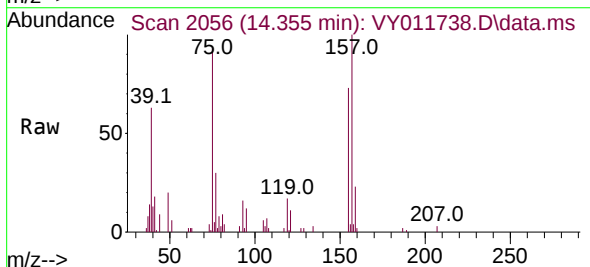
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

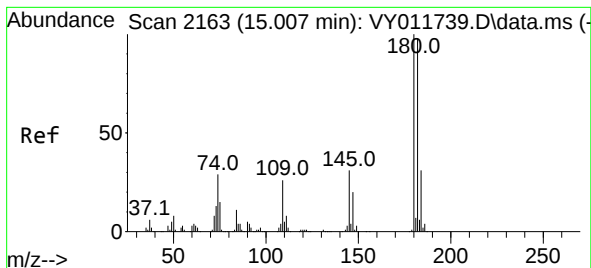
Tgt Ion:146	Resp:	93634
Ion Ratio	Lower	Upper
146	100	
111	41.3	20.3 60.8
148	63.6	31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.385 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion: 75	Resp:	7259
Ion Ratio	Lower	Upper
75	100	
155	82.5	42.3 126.8
157	102.9	54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 19.902 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

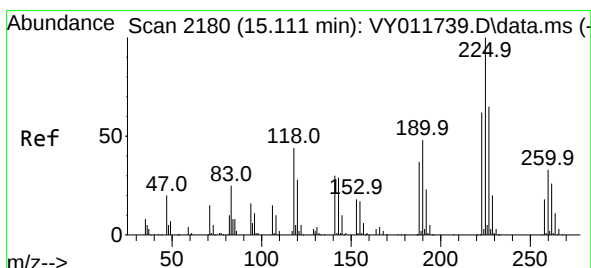
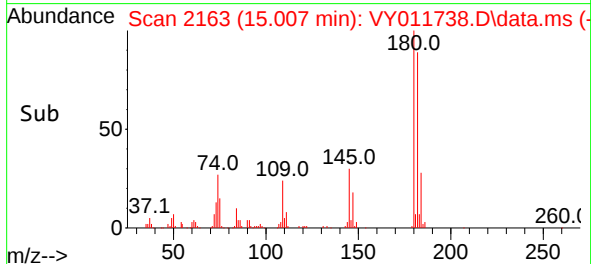
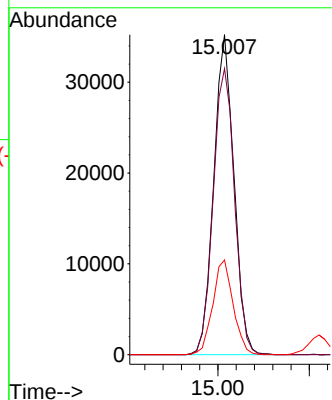
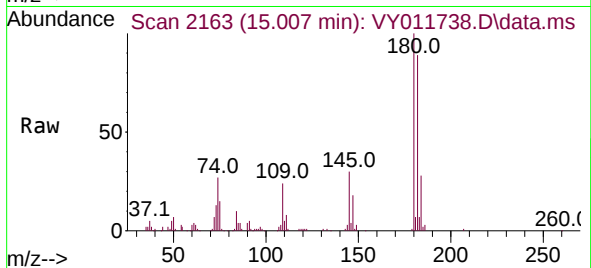
Tgt Ion:180 Resp: 54128

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.3

145 29.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.240 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011738.D

Acq: 09 Dec 2022 11:37

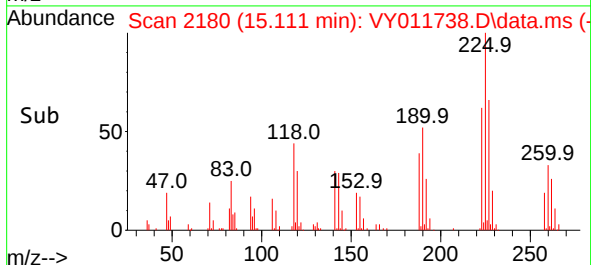
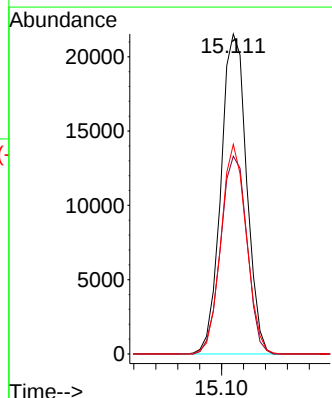
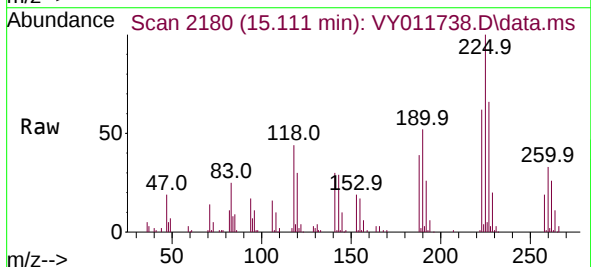
Tgt Ion:225 Resp: 34976

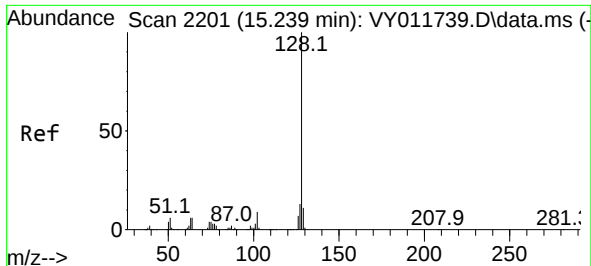
Ion Ratio Lower Upper

225 100

223 63.4 31.4 94.2

227 64.9 32.6 97.8

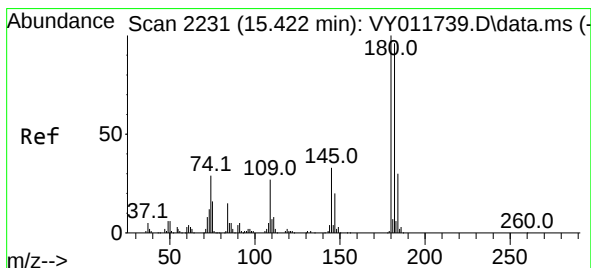
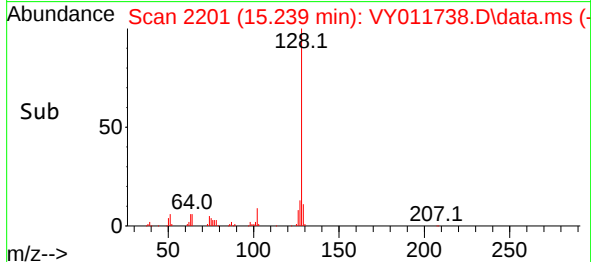
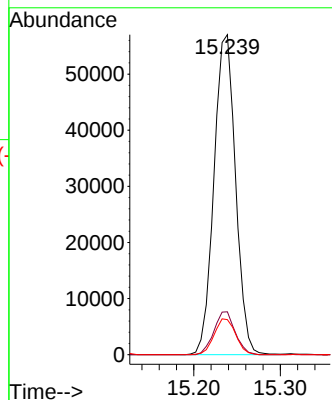
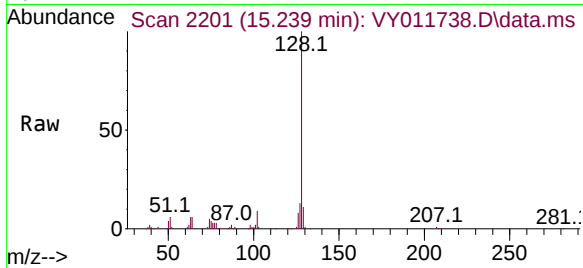




#95
Naphthalene
Concen: 18.755 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 98792
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.372 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011738.D
Acq: 09 Dec 2022 11:37

Tgt Ion:180 Resp: 45510
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.7
145 32.9 16.1 48.2

