

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008571.D
 Acq On : 02 May 2022 15:03
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: May 03 02:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6820	5.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.940%#
35) Dibromofluoromethane	7.722	113	6387	4.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.780%#
50) Toluene-d8	10.179	98	22887	4.946	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.900%#
62) 4-Bromofluorobenzene	12.483	95	8530	5.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.060%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	7395	5.754	ug/l	95
3) Chloromethane	2.113	50	8909	5.963	ug/l	99
4) Vinyl Chloride	2.253	62	10373	5.775	ug/l	99
5) Bromomethane	2.650	94	9929	4.761	ug/l	96
6) Chloroethane	2.790	64	6564	5.702	ug/l	94
7) Trichlorofluoromethane	3.125	101	13146	5.411	ug/l	93
8) Diethyl Ether	3.528	74	4120	5.295	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.899	101	7971	5.581	ug/l	93
10) Methyl Iodide	4.088	142	8000	4.519	ug/l #	81
11) Tert butyl alcohol	4.948	59	5044	20.316	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	7617	5.660	ug/l #	71
13) Acrolein	3.729	56	4600	27.314	ug/l	96
14) Allyl chloride	4.479	41	8274	5.136	ug/l #	88
15) Acrylonitrile	5.168	53	9304	26.229	ug/l	98
16) Acetone	3.954	43	7445	27.722	ug/l	93
17) Carbon Disulfide	4.192	76	19937	5.210	ug/l	97
18) Methyl Acetate	4.479	43	6607	7.102	ug/l #	79
19) Methyl tert-butyl Ether	5.222	73	19689	5.306	ug/l	94
20) Methylene Chloride	4.716	84	17553	5.635	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	8476	5.544	ug/l	83
22) Diisopropyl ether	6.119	45	19597	5.269	ug/l #	92
23) Vinyl Acetate	6.058	43	53873	22.180	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	12626	5.385	ug/l	95
25) 2-Butanone	6.984	43	11389	26.420	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	12238	5.450	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	9823	5.615	ug/l	79
28) Bromochloromethane	7.338	49	5677	6.333	ug/l #	52
29) Tetrahydrofuran	7.350	42	7229	25.284	ug/l #	71
30) Chloroform	7.509	83	14459	5.504	ug/l	99
31) Cyclohexane	7.783	56	12392	5.760	ug/l #	68
32) 1,1,1-Trichloroethane	7.704	97	12820	5.320	ug/l	95
36) 1,1-Dichloropropene	7.917	75	11239	5.534	ug/l	94
37) Ethyl Acetate	7.070	43	5584	5.362	ug/l #	90
38) Carbon Tetrachloride	7.899	117	12106	5.225	ug/l	98
39) Methylcyclohexane	9.179	83	13999	5.225	ug/l #	83
40) Benzene	8.167	78	31201	5.319	ug/l	93

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 03 02:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2148	4.701	ug/l #	61
42) 1,2-Dichloroethane	8.240	62	9204	5.421	ug/l	87
43) Isopropyl Acetate	8.271	43	9534	5.031	ug/l #	84
44) Trichloroethene	8.941	130	10373	5.637	ug/l	85
45) 1,2-Dichloropropane	9.216	63	7059	5.158	ug/l	96
46) Dibromomethane	9.301	93	5342	5.592	ug/l	97
47) Bromodichloromethane	9.496	83	10753	5.166	ug/l	99
48) Methyl methacrylate	9.289	41	4182	5.021	ug/l #	80
49) 1,4-Dioxane	9.295	88	1091	90.069	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	25314	25.451	ug/l #	86
52) Toluene	10.246	92	20845	5.316	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	10964	4.982	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	12664	5.180	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	7280	5.469	ug/l	92
56) Ethyl methacrylate	10.514	69	8205	4.879	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	11355	5.343	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	21998	25.773	ug/l #	85
59) 2-Hexanone	10.831	43	16076	23.734	ug/l	82
60) Dibromochloromethane	10.984	129	8578	5.151	ug/l	97
61) 1,2-Dibromoethane	11.087	107	7211	5.352	ug/l	100
64) Tetrachloroethene	10.721	164	9409	5.476	ug/l	90
65) Chlorobenzene	11.514	112	24053	5.302	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	8543	4.988	ug/l	95
67) Ethyl Benzene	11.593	91	38496	5.044	ug/l	98
68) m/p-Xylenes	11.703	106	31568	10.124	ug/l	88
69) o-Xylene	12.032	106	15050	5.036	ug/l	87
70) Styrene	12.044	104	23839	4.799	ug/l	94
71) Bromoform	12.209	173	5598	4.916	ug/l #	97
73) Isopropylbenzene	12.331	105	38178	5.032	ug/l	99
74) N-amyl acetate	12.148	43	7837	4.622	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	7848	5.111	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	9770	9.410	ug/l #	100
77) Bromobenzene	12.611	156	10621	5.305	ug/l	80
78) n-propylbenzene	12.672	91	44471	5.037	ug/l	94
79) 2-Chlorotoluene	12.758	91	25463	5.122	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	31302	4.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2221	4.337	ug/l	88
82) 4-Chlorotoluene	12.855	91	26262	5.128	ug/l	93
83) tert-Butylbenzene	13.075	119	28738	5.118	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	31606	5.072	ug/l	95
85) sec-Butylbenzene	13.251	105	42265	5.108	ug/l	97
86) p-Isopropyltoluene	13.373	119	35017	4.984	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	20712	5.349	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	20918	5.477	ug/l	99
89) n-Butylbenzene	13.696	91	31269	5.053	ug/l	97
90) Hexachloroethane	13.965	117	6585	5.061	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	18596	5.382	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1114	4.767	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.007	180	11616	5.269	ug/l	93
94) Hexachlorobutadiene	15.111	225	6714	5.392	ug/l	98
95) Naphthalene	15.239	128	21742	4.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10538	5.385	ug/l	99

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Acq On : 02 May 2022 15:03
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

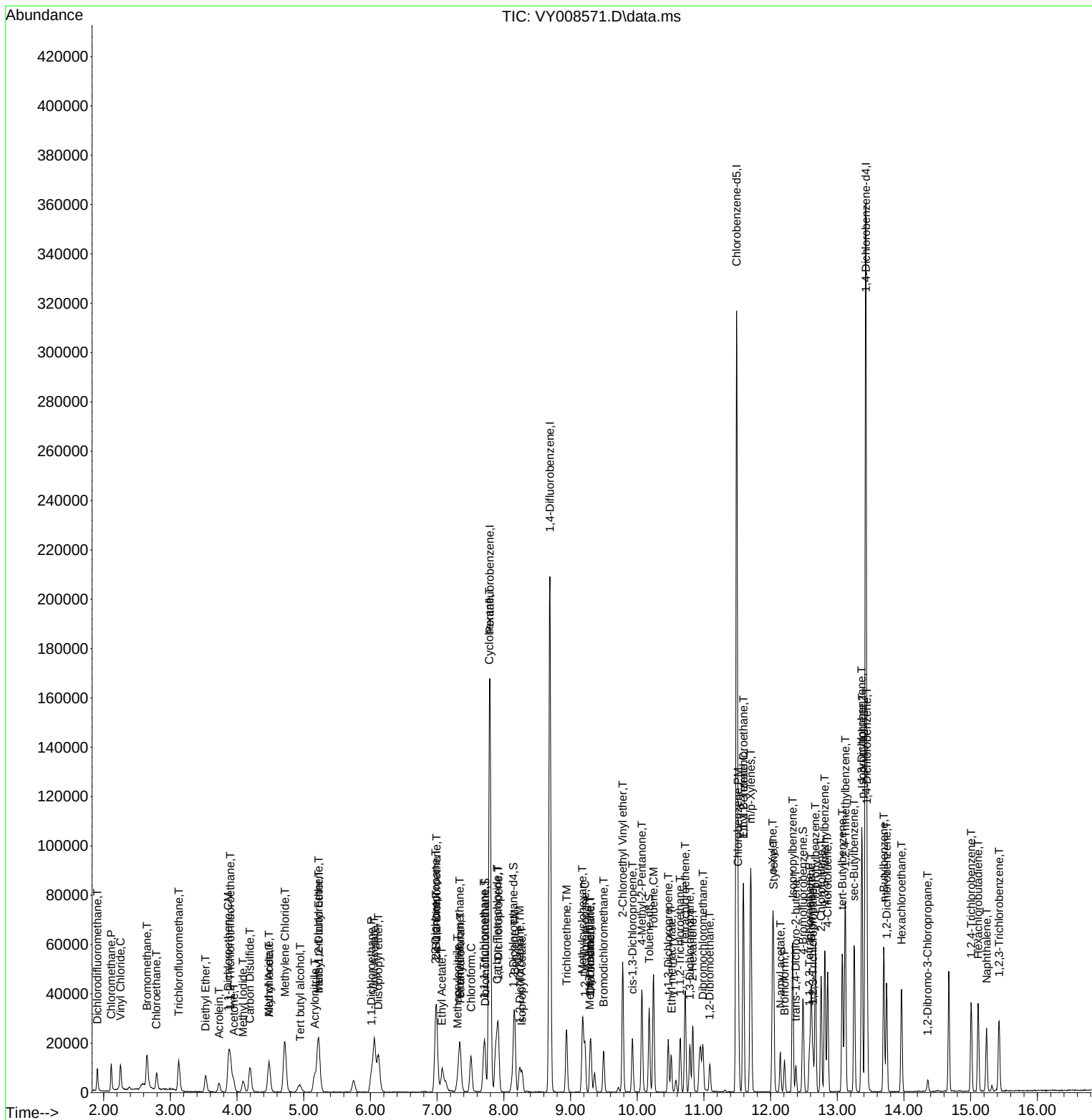
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MSVOA_Y
ClientSampleId :
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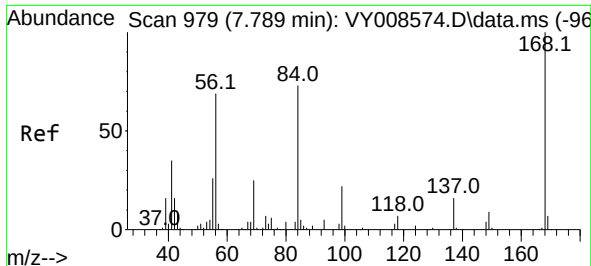
Quant Time: May 03 02:37:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

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

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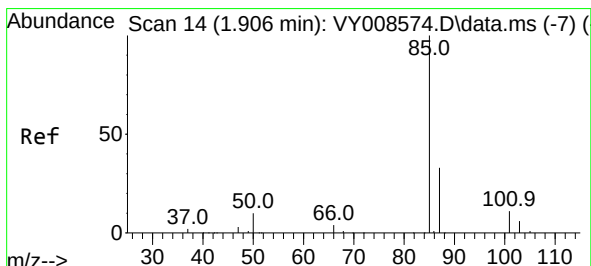
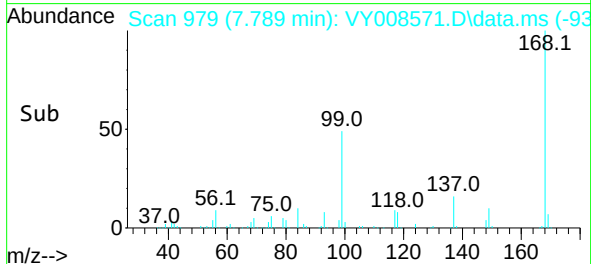
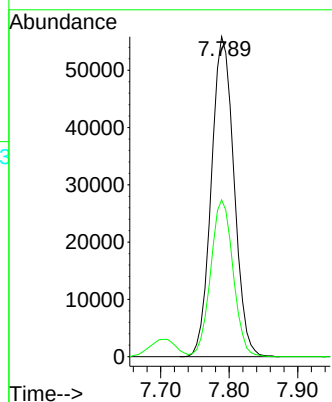
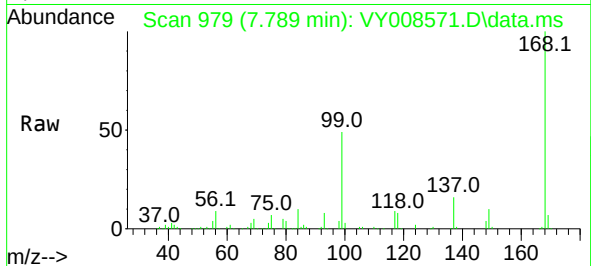




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

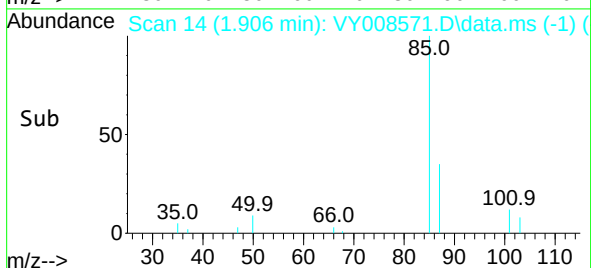
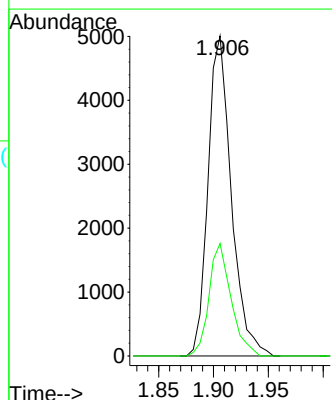
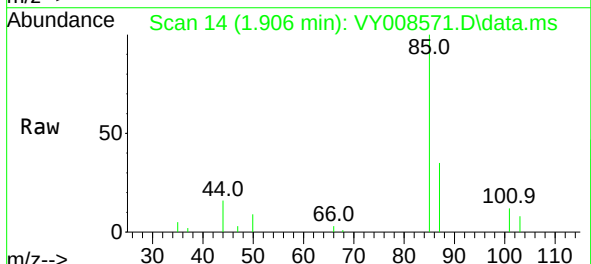
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

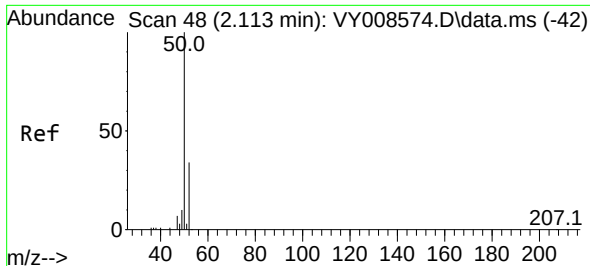
Tgt Ion:168 Resp: 128241
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.754 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 85 Resp: 7395
Ion Ratio Lower Upper
85 100
87 35.2 16.1 48.2

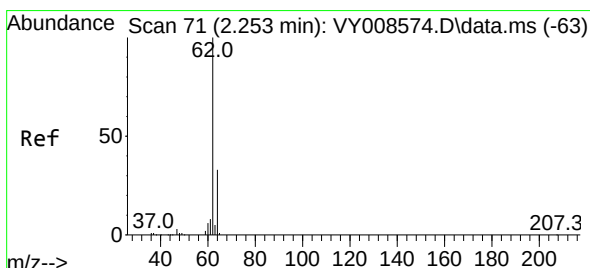
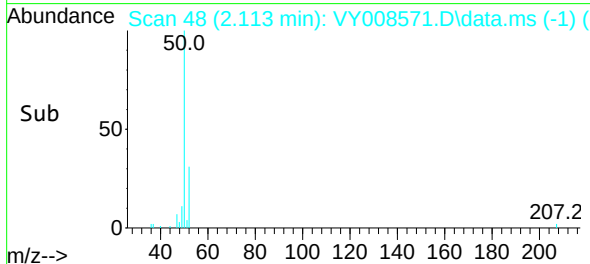
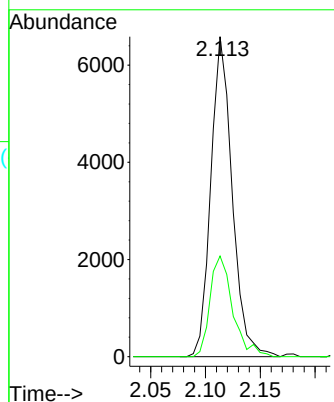
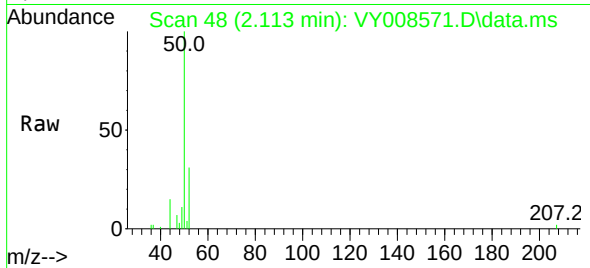




#3
Chloromethane
Concen: 5.963 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

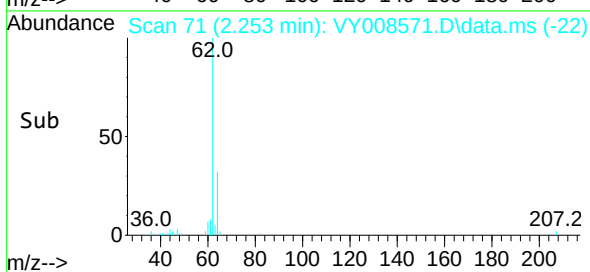
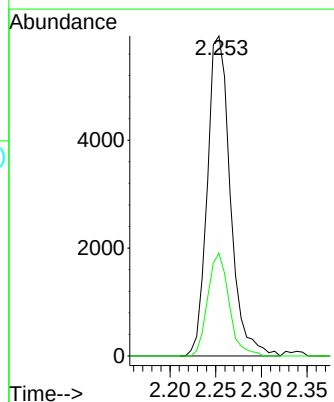
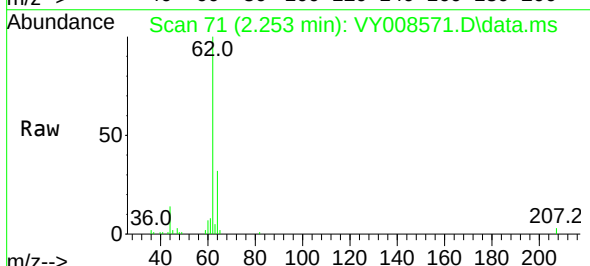
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

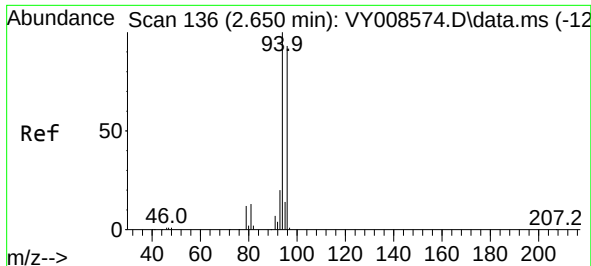
Tgt Ion: 50 Resp: 8909
Ion Ratio Lower Upper
50 100
52 31.4 24.6 37.0



#4
Vinyl Chloride
Concen: 5.775 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 62 Resp: 10373
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

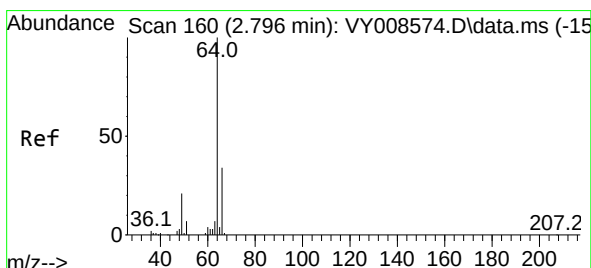
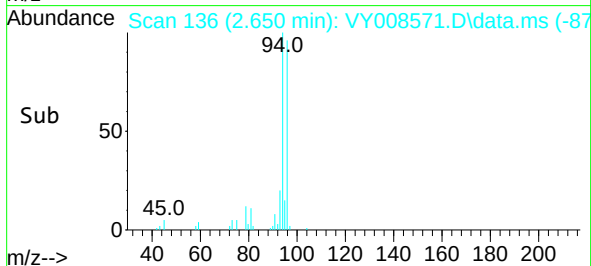
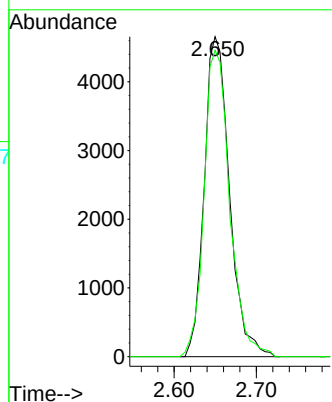
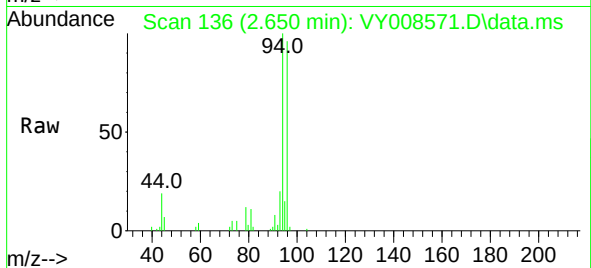




#5
Bromomethane
Concen: 4.761 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

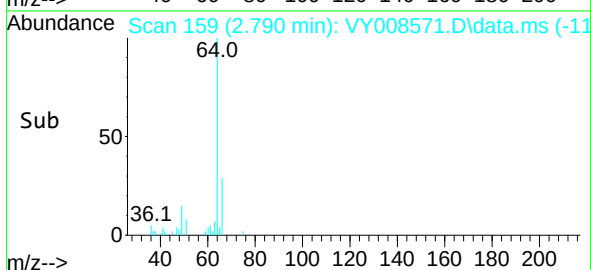
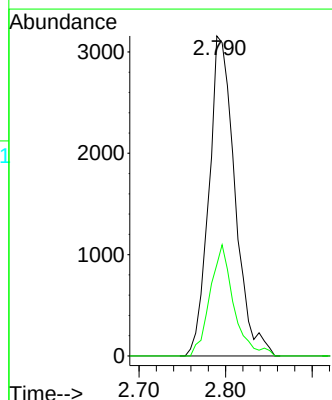
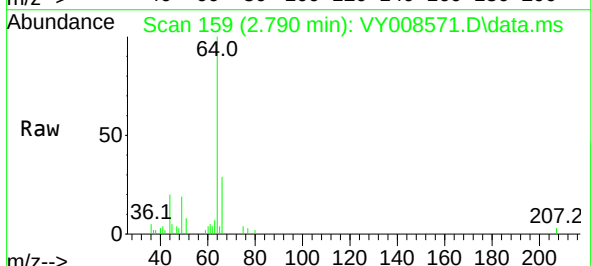
Instrument :
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ClientSampleId :
VSTDICC005

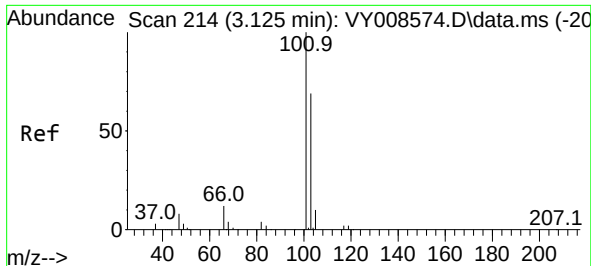
Tgt Ion: 94 Resp: 9929
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3



#6
Chloroethane
Concen: 5.702 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 64 Resp: 6564
Ion Ratio Lower Upper
64 100
66 28.6 25.4 38.0

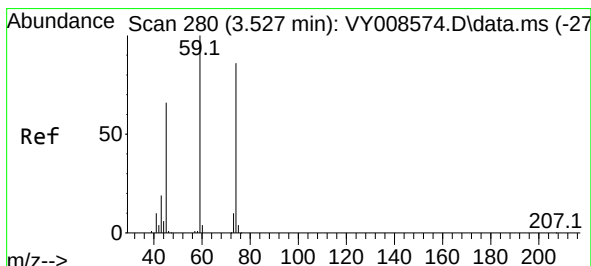
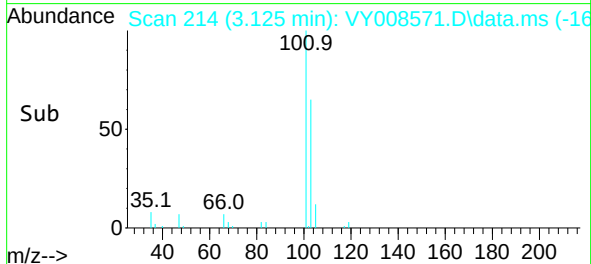
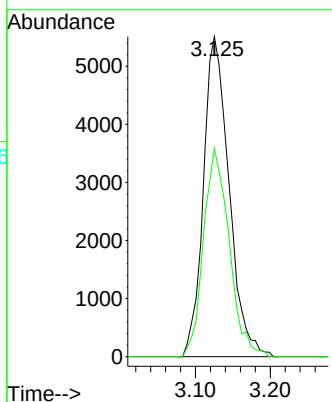
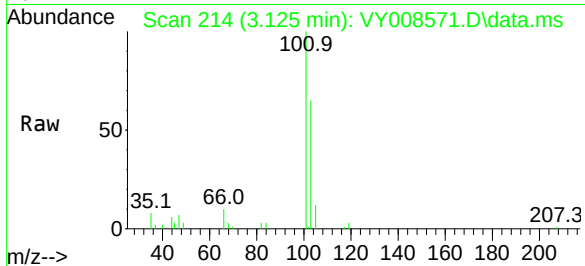




#7
 Trichlorofluoromethane
 Concen: 5.411 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

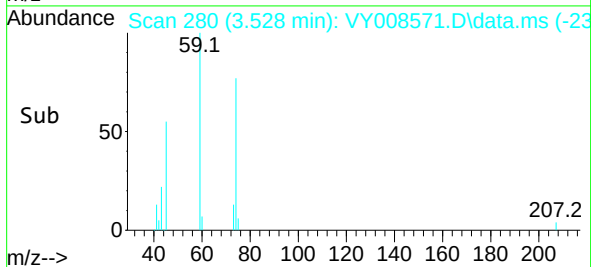
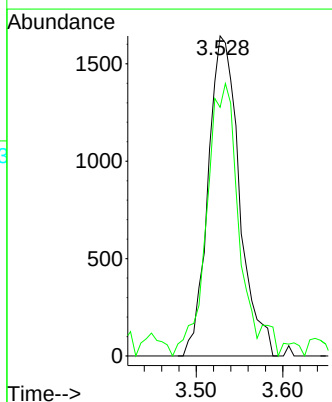
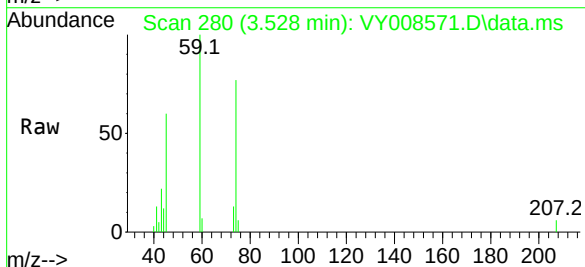
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

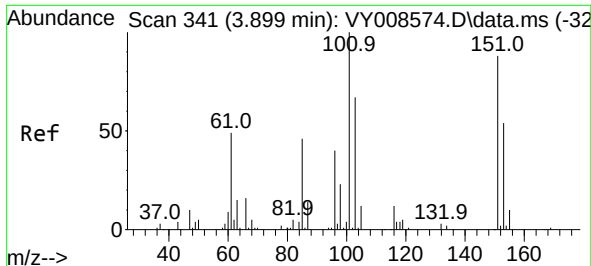
Tgt Ion: 101 Resp: 13146
 Ion Ratio Lower Upper
 101 100
 103 65.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 5.295 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

Tgt Ion: 74 Resp: 4120
 Ion Ratio Lower Upper
 74 100
 45 84.4 55.1 165.5

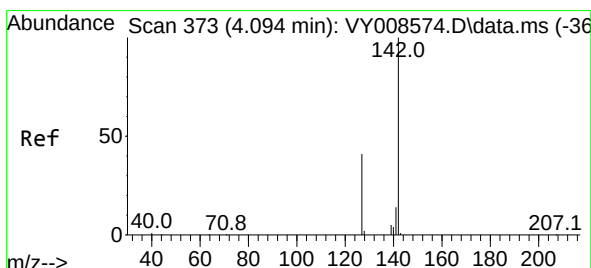
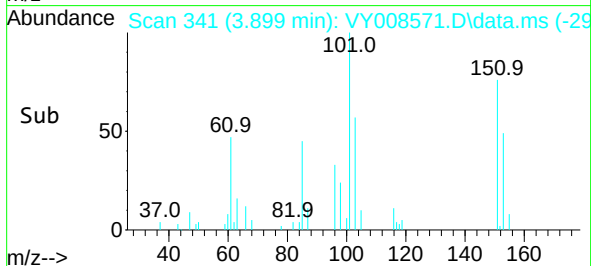
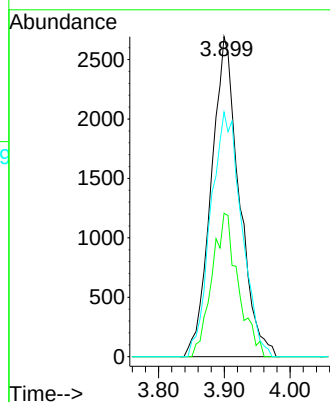
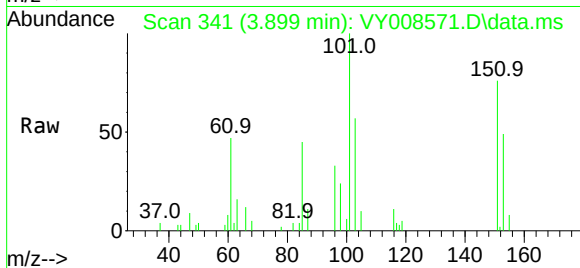




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.581 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008571.D
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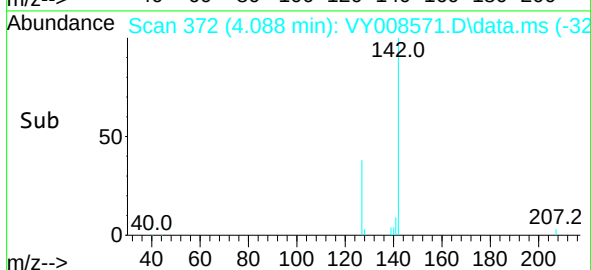
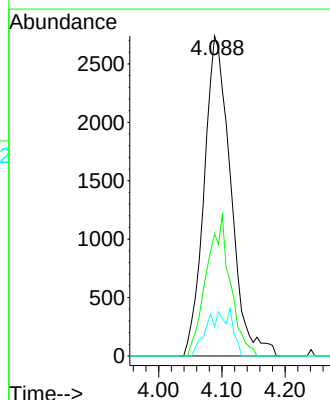
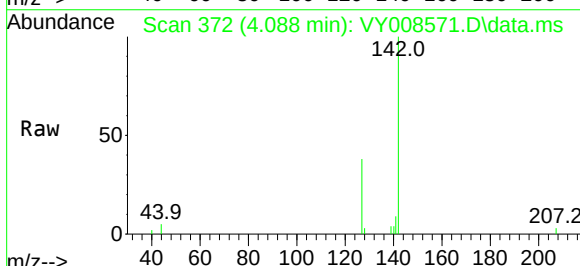
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

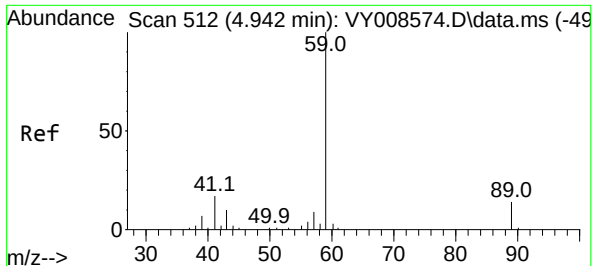
Tgt Ion:101 Resp: 7971
Ion Ratio Lower Upper
101 100
85 42.0 40.6 60.8
151 84.3 64.9 97.3



#10
Methyl Iodide
Concen: 4.519 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:142 Resp: 8000
Ion Ratio Lower Upper
142 100
127 39.6 41.5 62.3#
141 5.7 11.9 17.9#





#11

Tert butyl alcohol

Concen: 20.316 ug/l

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

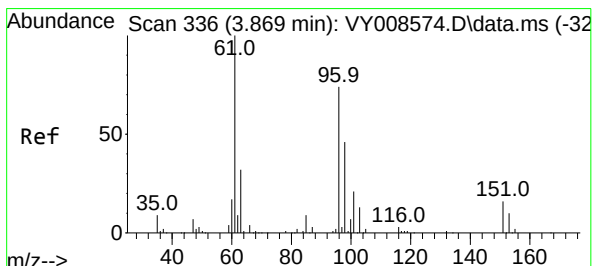
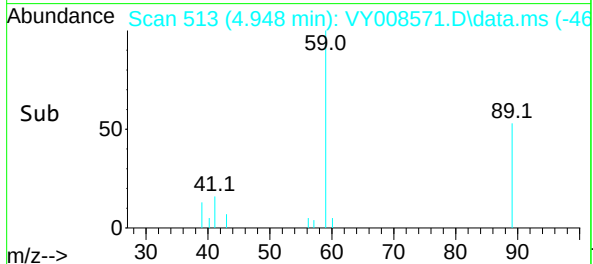
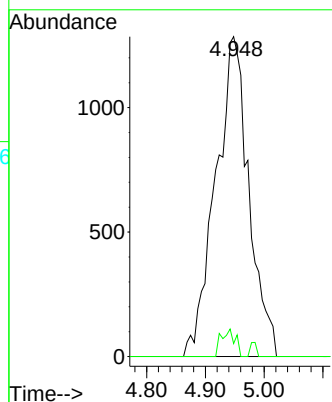
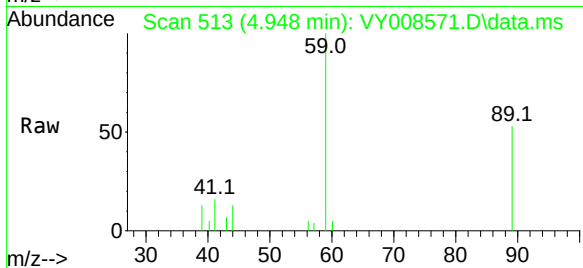
VSTDIC005

Tgt Ion: 59 Resp: 5044

Ion Ratio Lower Upper

59 100

57 3.6 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 5.660 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

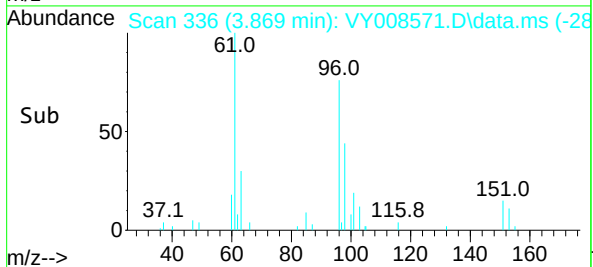
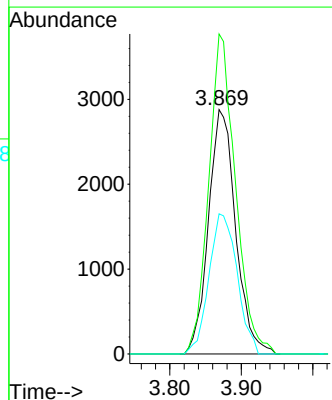
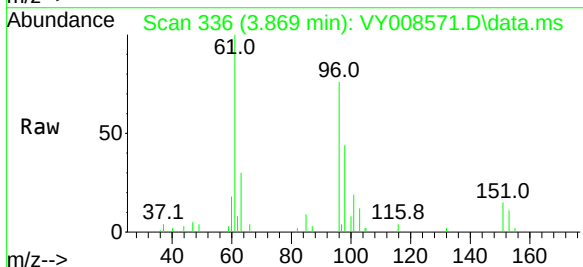
Tgt Ion: 96 Resp: 7617

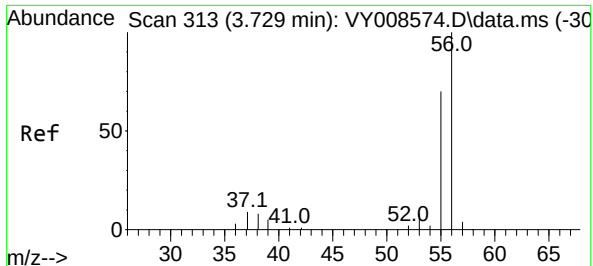
Ion Ratio Lower Upper

96 100

61 131.0 145.8 218.6#

98 57.3 52.5 78.7





#13

Acrolein

Concen: 27.314 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

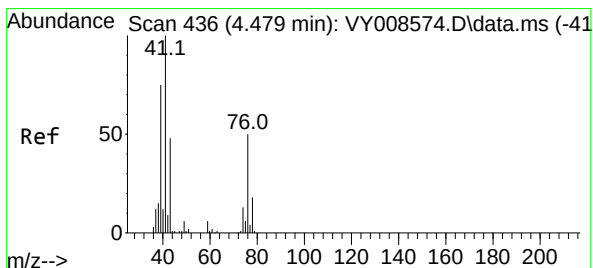
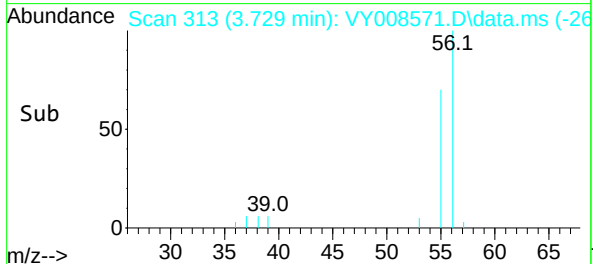
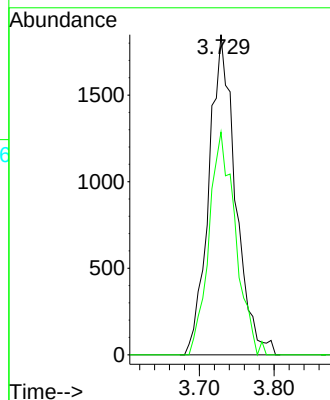
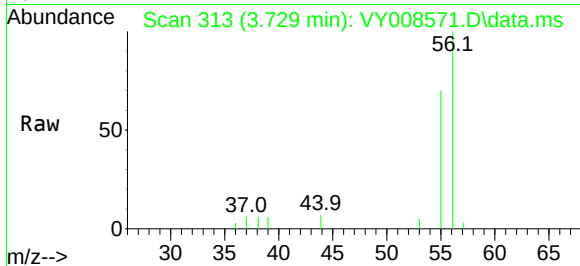
VSTDIC005

Tgt Ion: 56 Resp: 4600

Ion Ratio Lower Upper

56 100

55 68.8 57.6 86.4



#14

Allyl chloride

Concen: 5.136 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

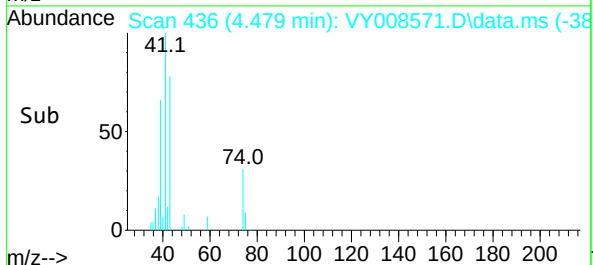
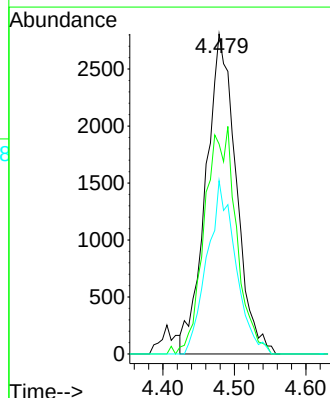
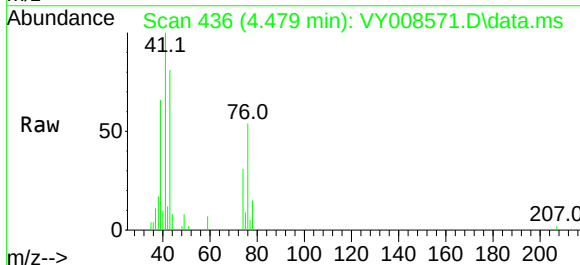
Tgt Ion: 41 Resp: 8274

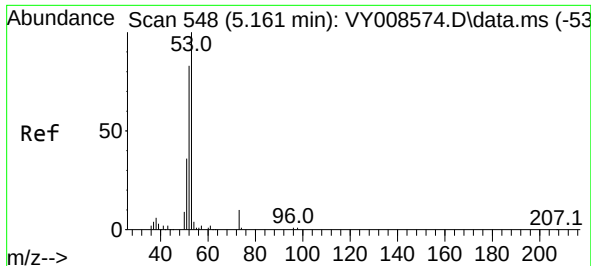
Ion Ratio Lower Upper

41 100

39 74.7 58.8 88.2

76 50.9 25.1 37.7#

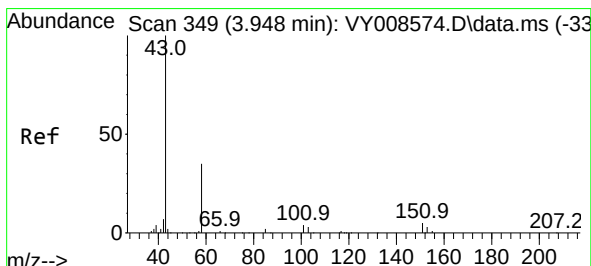
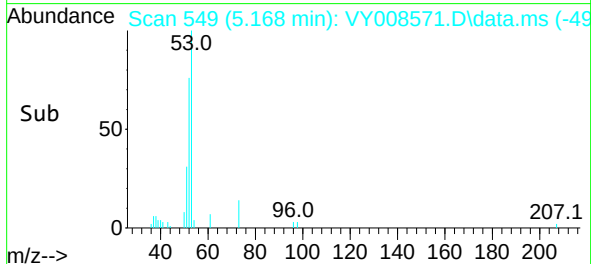
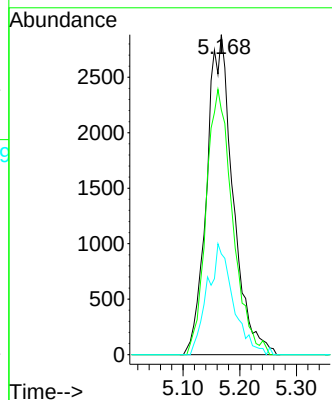
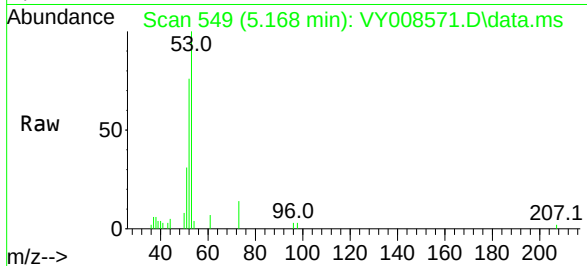




#15
Acrylonitrile
Concen: 26.229 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

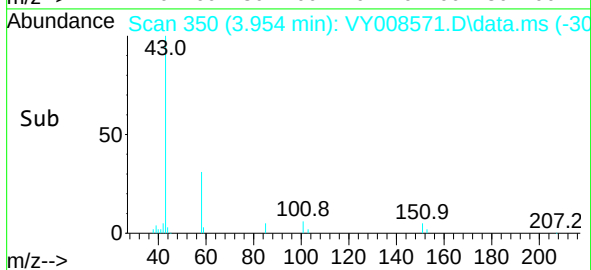
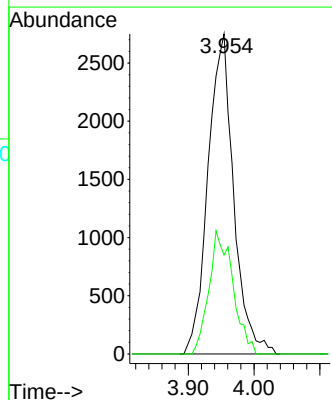
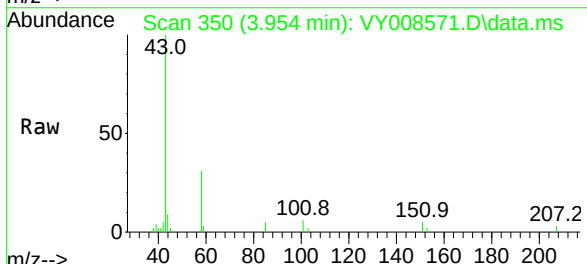
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

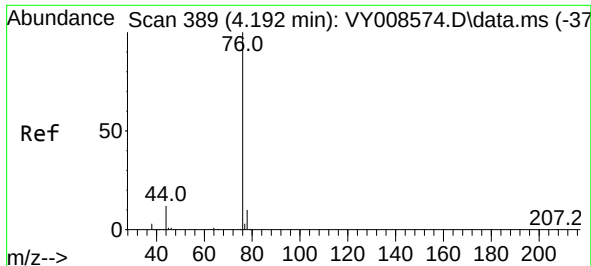
Tgt Ion: 53	Resp: 9304
Ion Ratio	Lower Upper
53 100	
52 83.3	67.0 100.4
51 34.0	29.8 44.6



#16
Acetone
Concen: 27.722 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 43	Resp: 7445		
Ion Ratio	Lower	Upper	
43 100			
58 30.9	22.0	33.0	

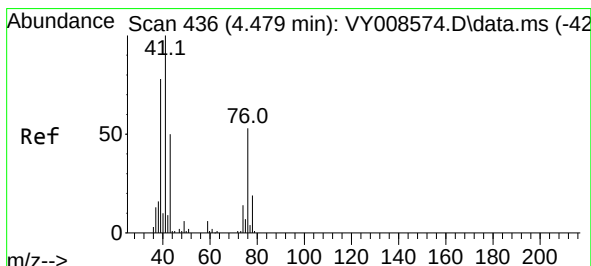
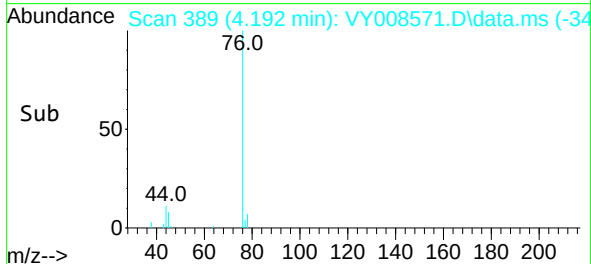
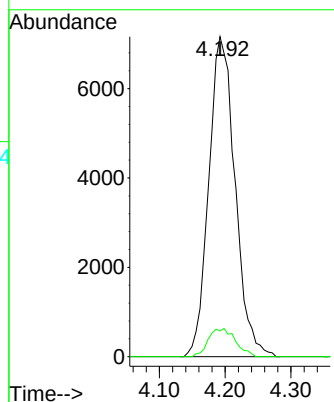
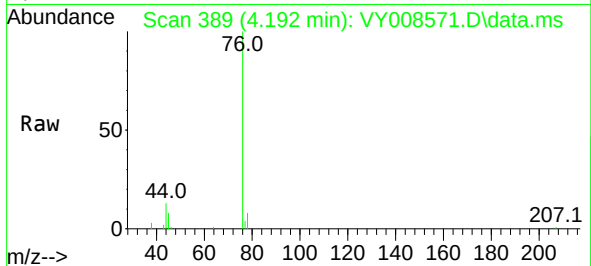




#17
Carbon Disulfide
Concen: 5.210 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

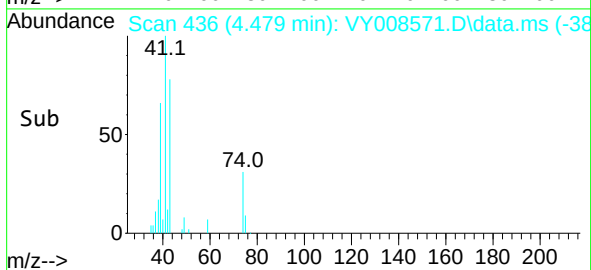
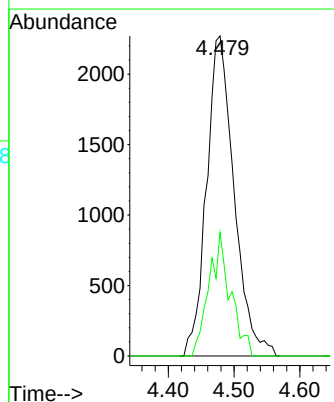
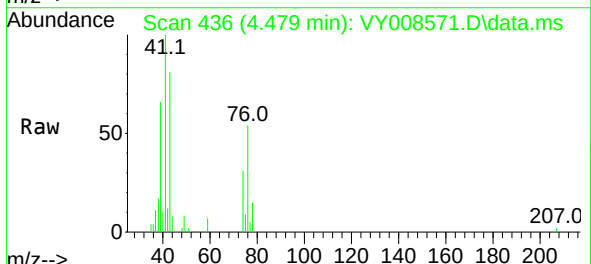
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

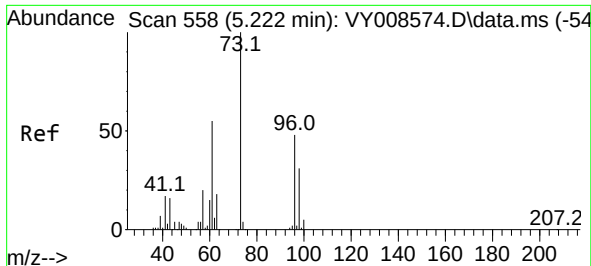
Tgt Ion: 76 Resp: 19937
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 7.102 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 43 Resp: 6607
Ion Ratio Lower Upper
43 100
74 30.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 5.306 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

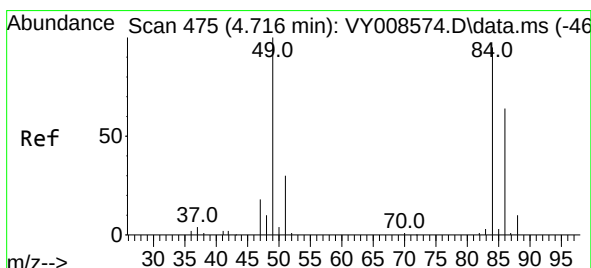
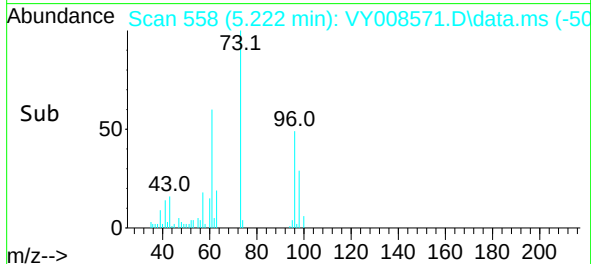
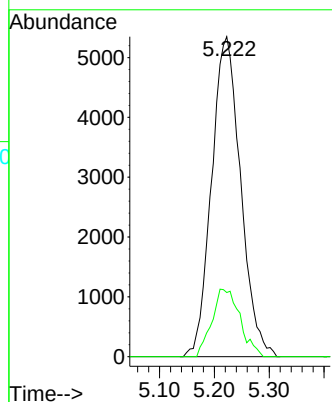
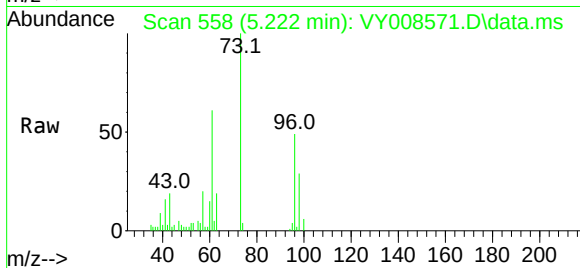
VSTDIC005

Tgt Ion: 73 Resp: 19689

Ion Ratio Lower Upper

73 100

57 20.0 18.6 27.8



#20

Methylene Chloride

Concen: 5.635 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Tgt Ion: 84 Resp: 17553

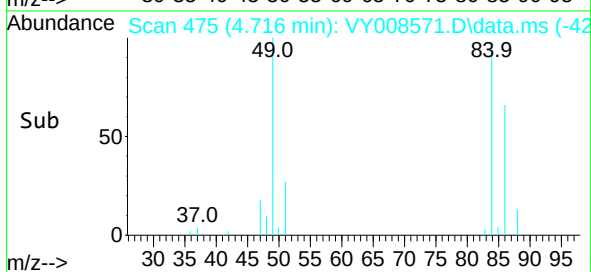
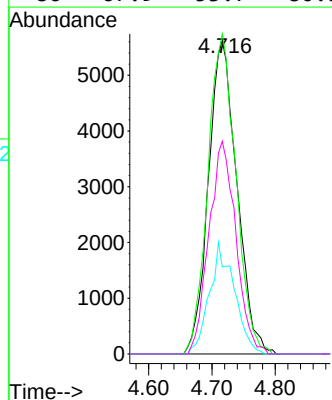
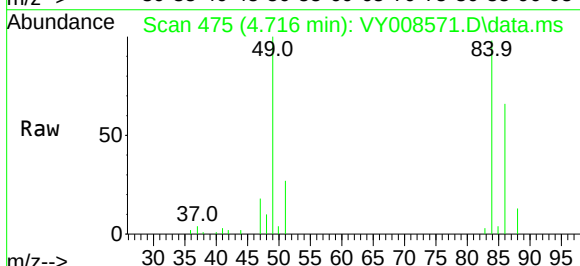
Ion Ratio Lower Upper

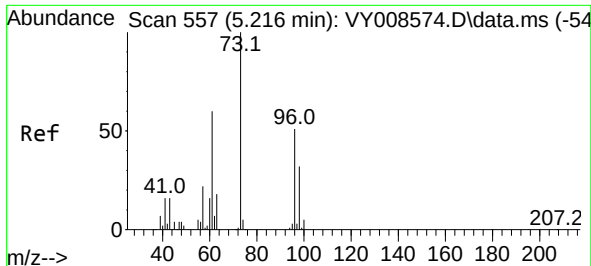
84 100

49 102.2 114.4 171.6#

51 27.8 35.3 52.9#

86 67.9 53.7 80.5

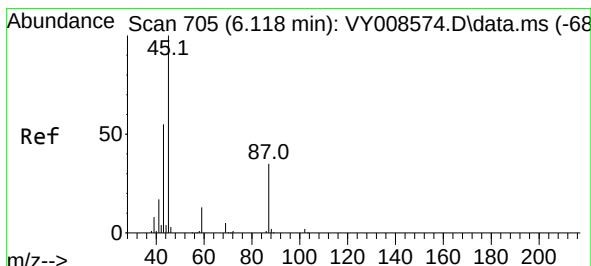
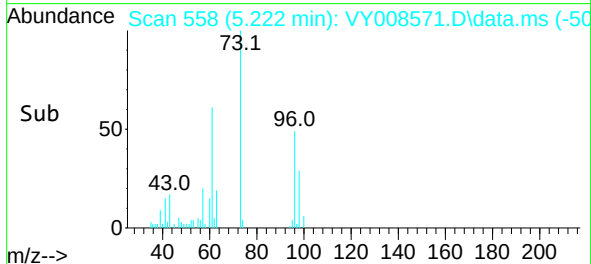
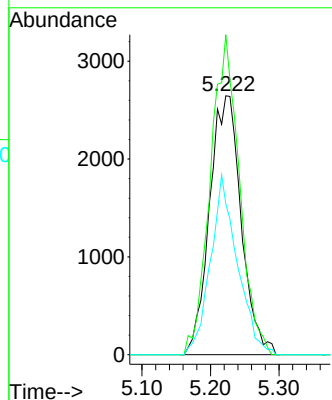
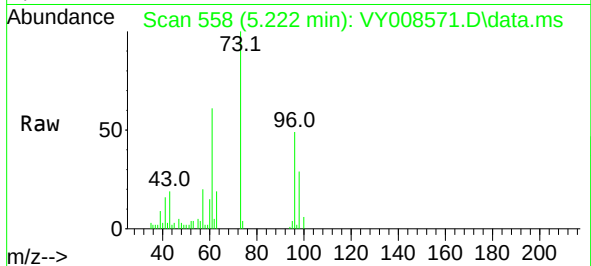




#21
trans-1,2-Dichloroethene
Concen: 5.544 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

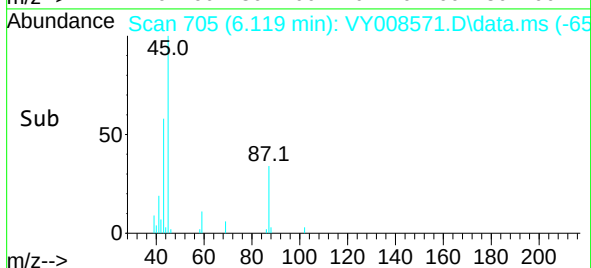
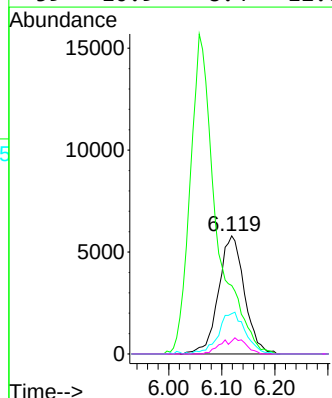
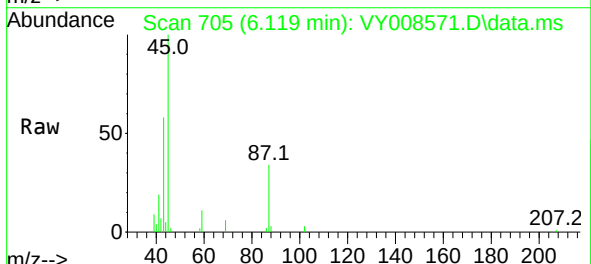
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

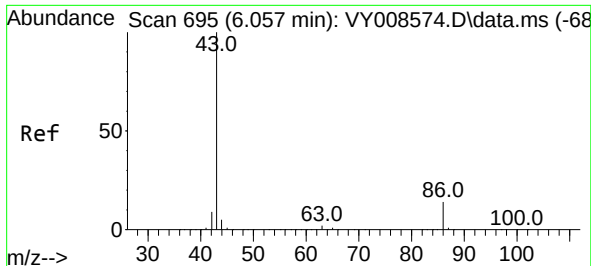
Tgt Ion: 96 Resp: 8476
Ion Ratio Lower Upper
96 100
61 123.6 120.5 180.7
98 58.3 49.8 74.8



#22
Diisopropyl ether
Concen: 5.269 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 45 Resp: 19597
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 34.1 19.2 28.8#
59 10.9 8.4 12.6

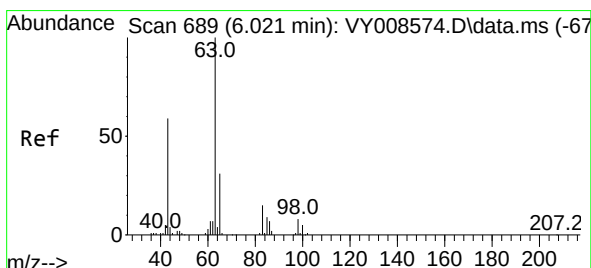
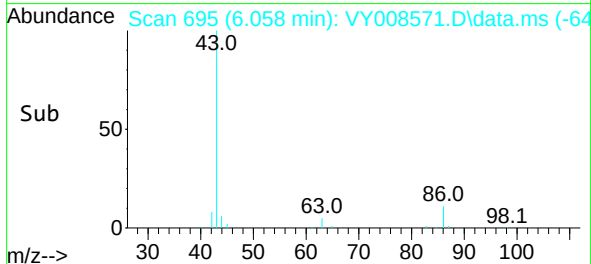
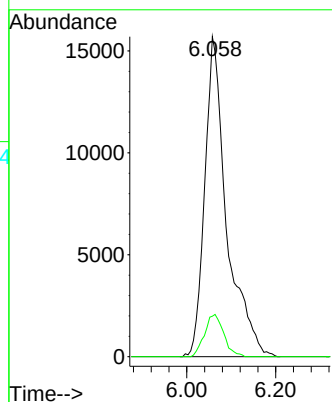
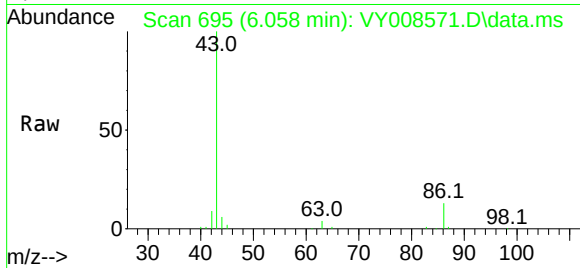




#23
 Vinyl Acetate
 Concen: 22.180 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

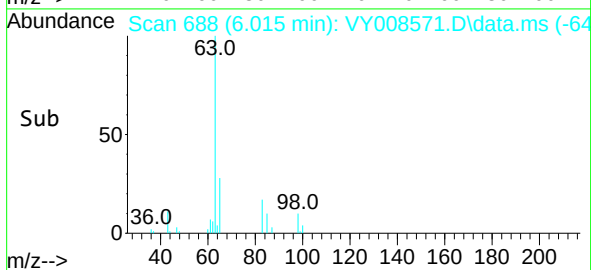
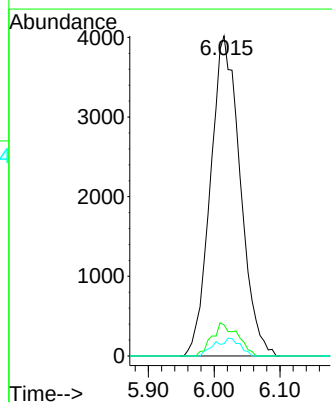
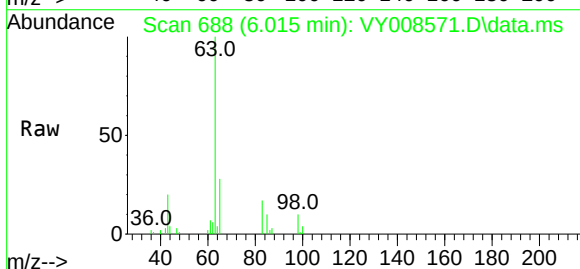
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

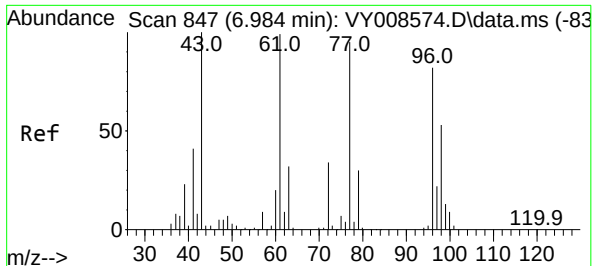
Tgt Ion: 43 Resp: 53873
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 5.385 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

Tgt Ion: 63 Resp: 12626
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.6 10.8
 100 3.8 2.0 5.8





#25

2-Butanone

Concen: 26.420 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

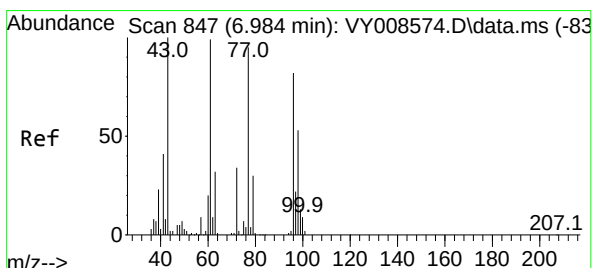
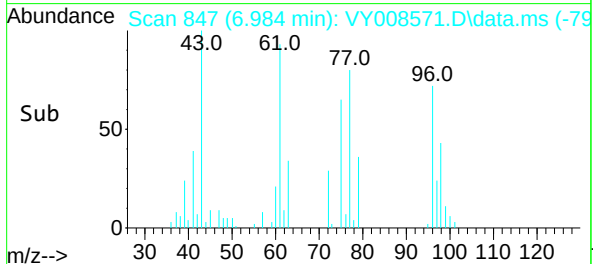
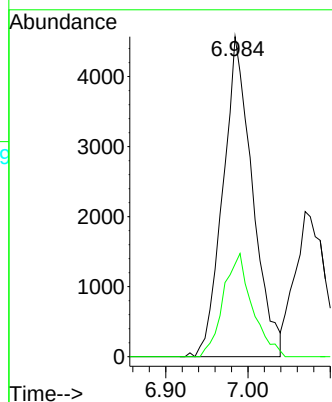
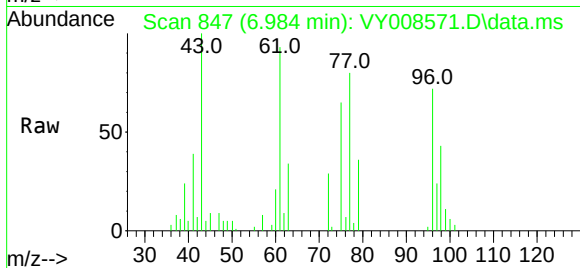
VSTDIC005

Tgt Ion: 43 Resp: 11389

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 5.450 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008571.D

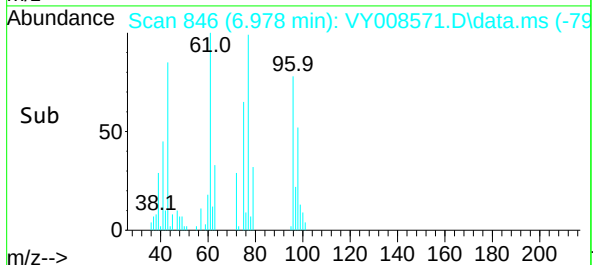
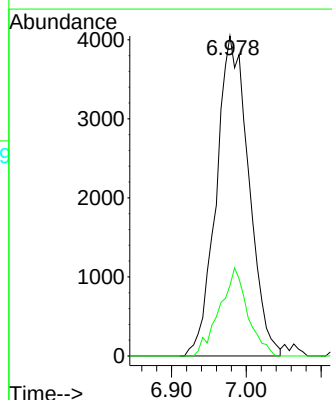
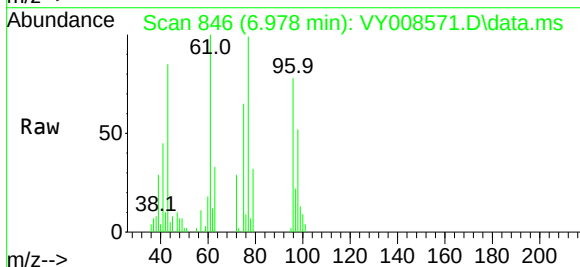
Acq: 02 May 2022 15:03

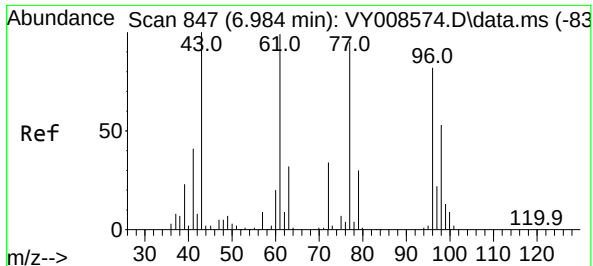
Tgt Ion: 77 Resp: 12238

Ion Ratio Lower Upper

77 100

97 23.8 10.4 31.4

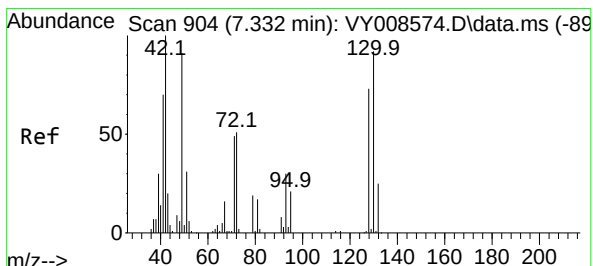
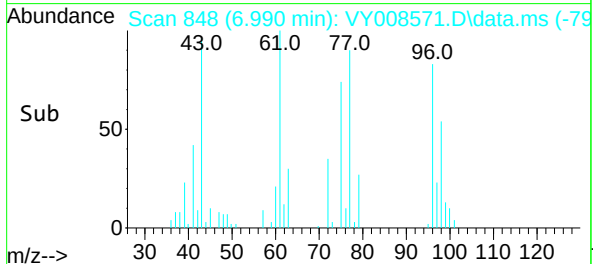
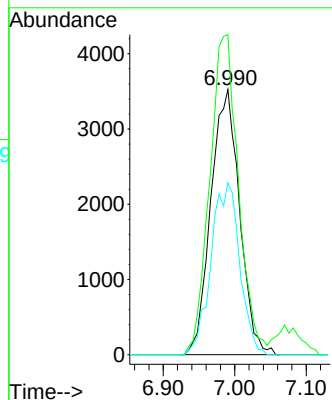
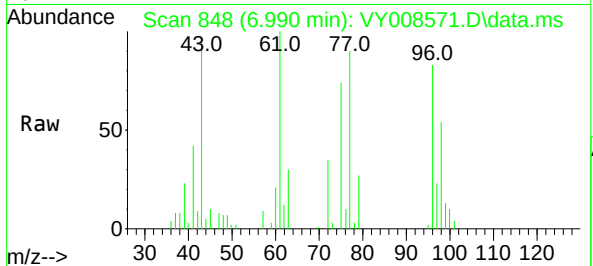




#27
 cis-1,2-Dichloroethene
 Concen: 5.615 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

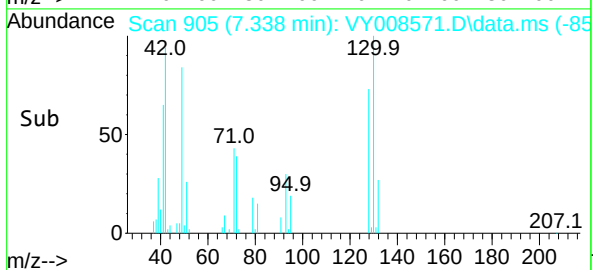
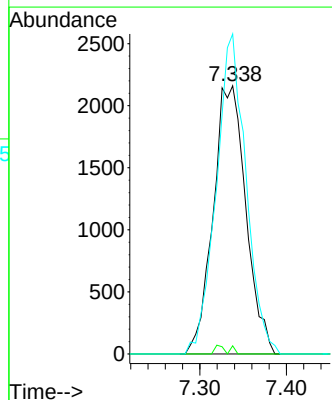
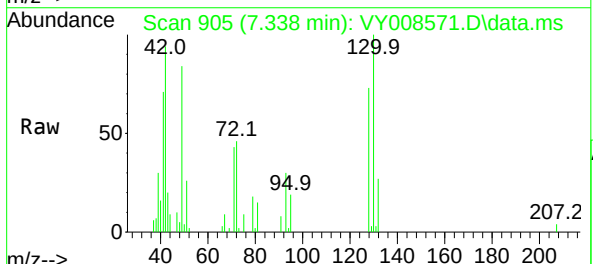
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

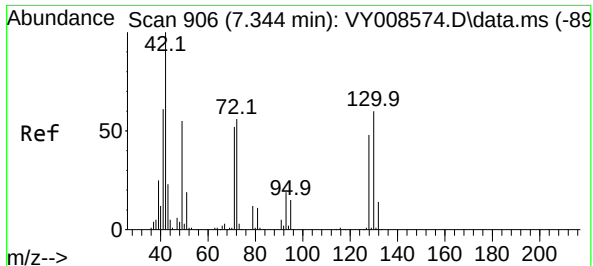
Tgt Ion: 96	Resp: 9823		
Ion	Ratio	Lower	Upper
96	100		
61	121.1	0.0	319.8
98	64.6	0.0	127.0



#28
 Bromochloromethane
 Concen: 6.333 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

Tgt Ion: 49	Resp: 5677		
Ion Ratio	Lower	Upper	
49 100			
129 1.3	0.0	2.2	
130 108.6	55.4	83.0#	





#29

Tetrahydrofuran

Concen: 25.284 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

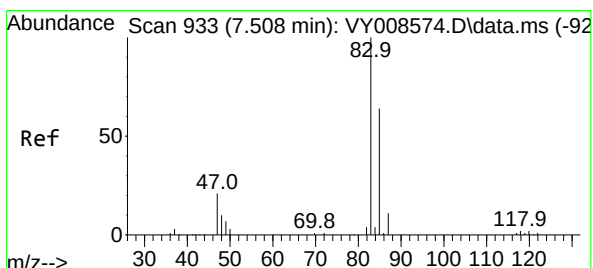
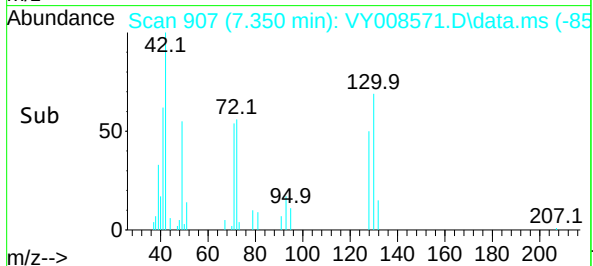
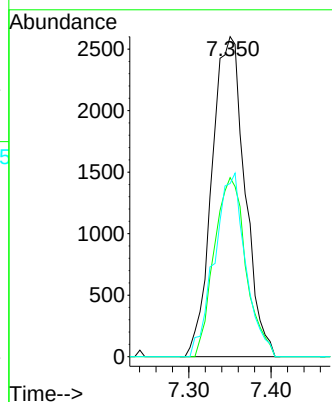
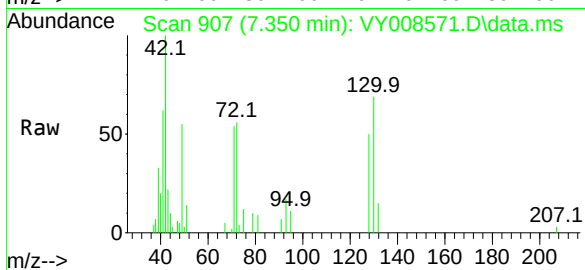
Tgt Ion: 42 Resp: 7229

Ion Ratio Lower Upper

42 100

72 54.0 30.3 45.5#

71 54.3 29.0 43.4#



#30

Chloroform

Concen: 5.504 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008571.D

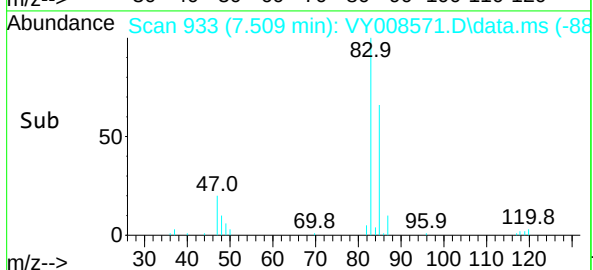
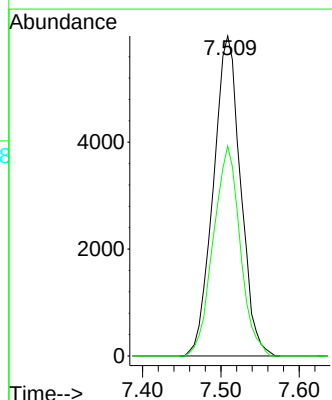
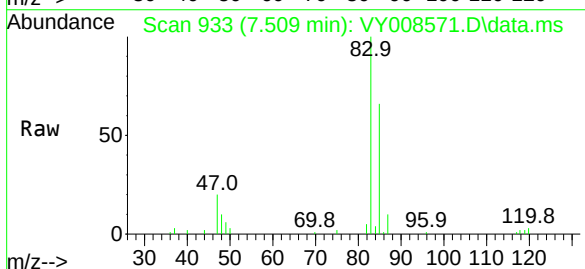
Acq: 02 May 2022 15:03

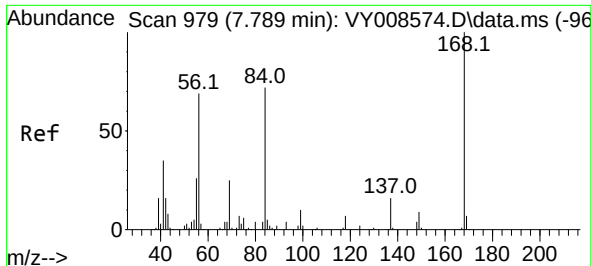
Tgt Ion: 83 Resp: 14459

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

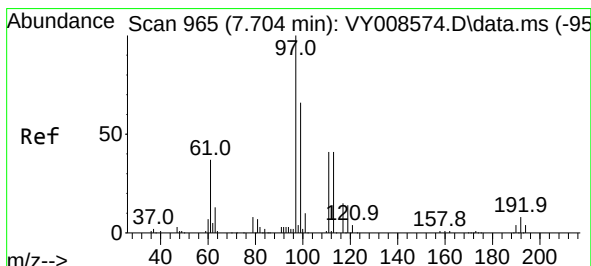
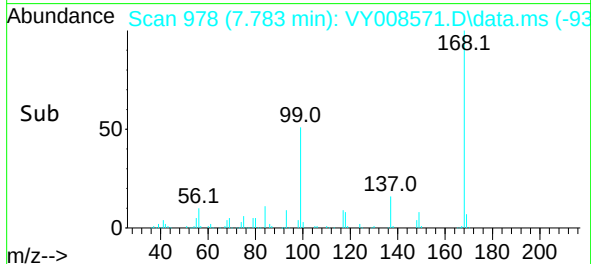
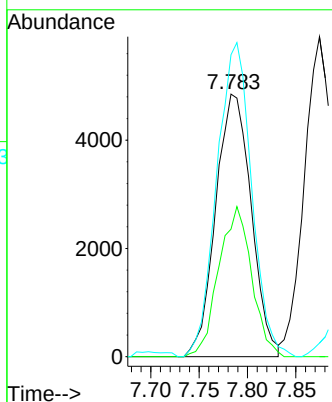
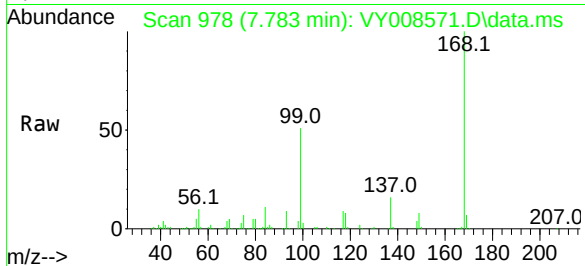




#31
Cyclohexane
Concen: 5.760 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

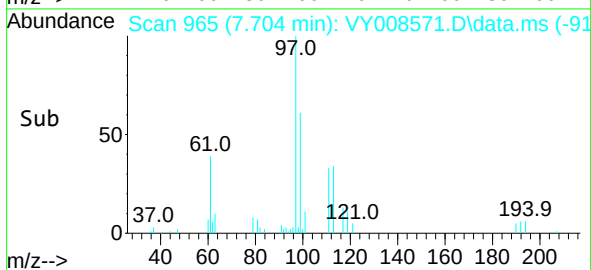
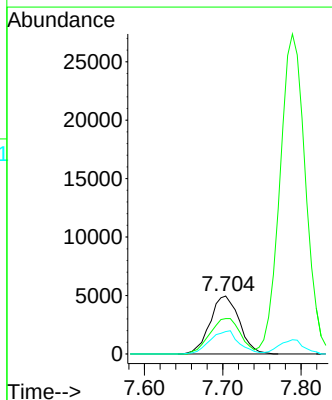
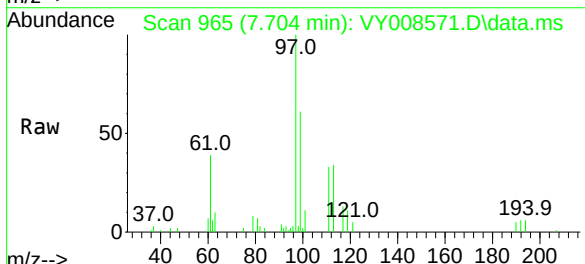
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

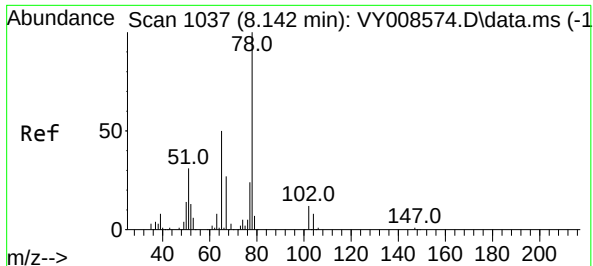
Tgt Ion: 56 Resp: 12392
Ion Ratio Lower Upper
56 100
69 48.6 26.7 40.1#
84 115.0 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 5.320 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 97 Resp: 12820
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 39.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.472 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

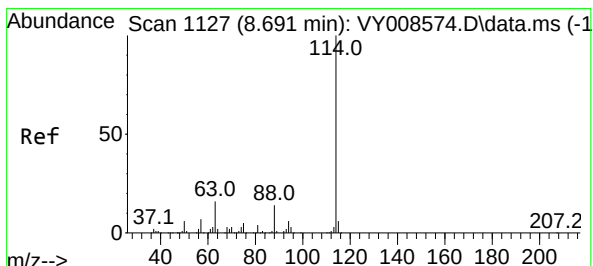
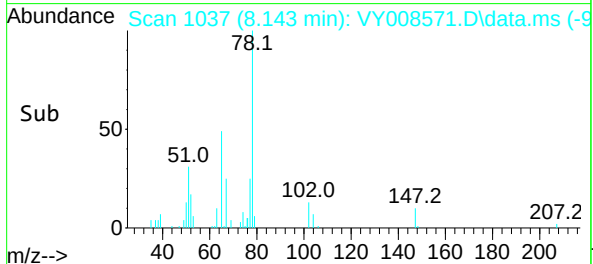
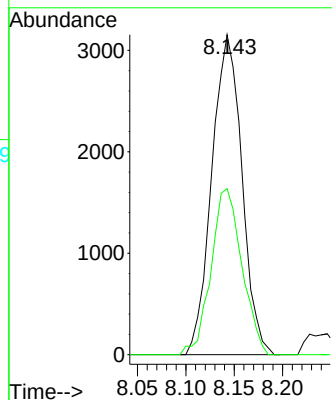
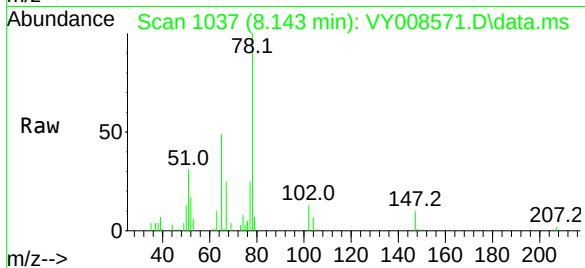
VSTDIC005

Tgt Ion: 65 Resp: 6820

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

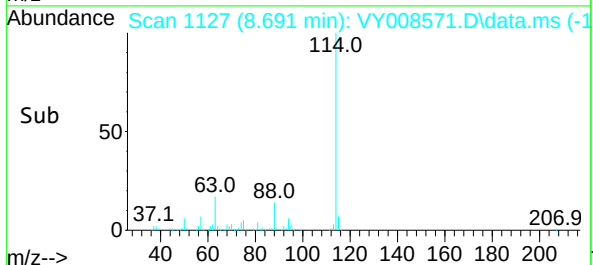
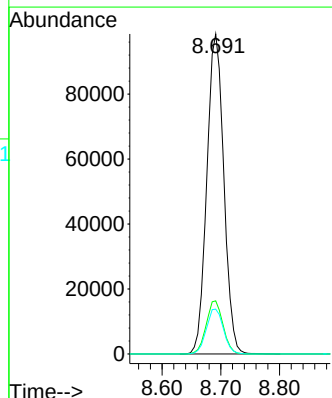
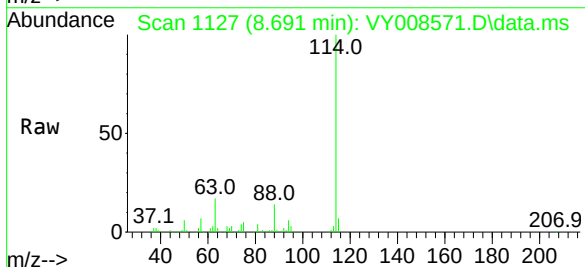
Tgt Ion: 114 Resp: 197374

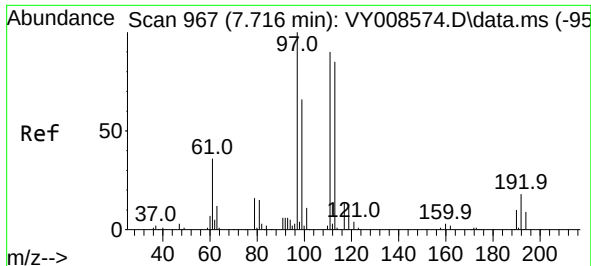
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.0 0.0 31.8

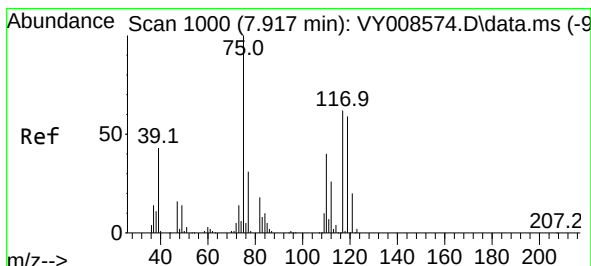
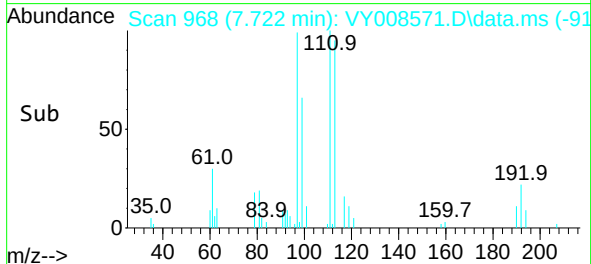
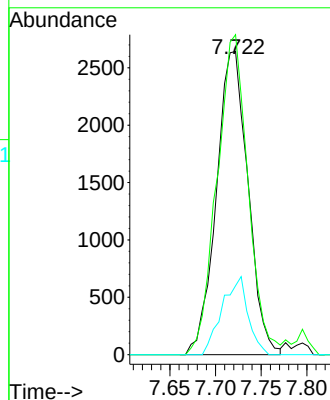
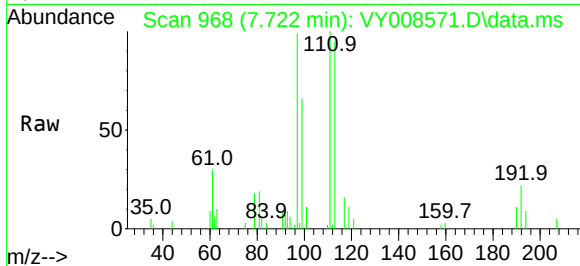




#35
Dibromofluoromethane
Concen: 4.890 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

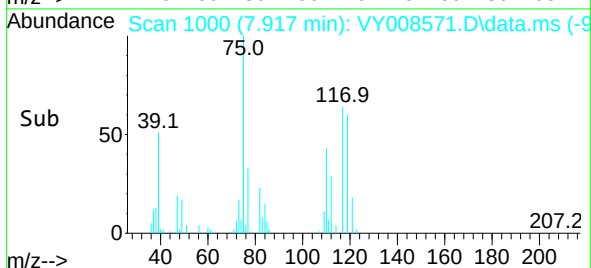
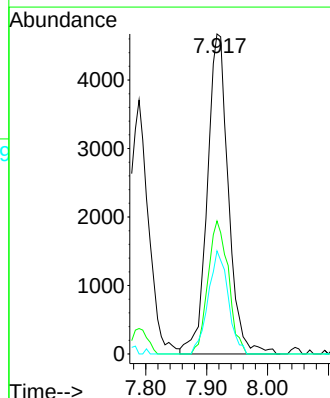
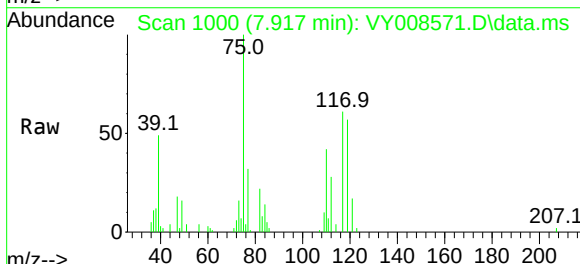
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

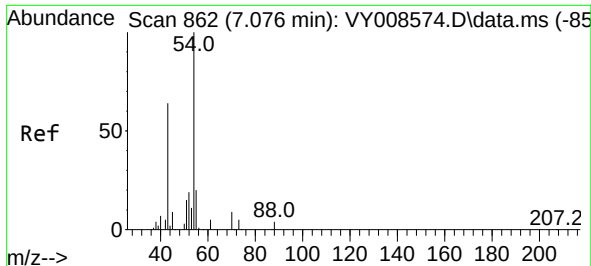
Tgt Ion:113 Resp: 6387
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.534 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 75 Resp: 11239
Ion Ratio Lower Upper
75 100
110 40.2 17.1 51.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 5.362 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

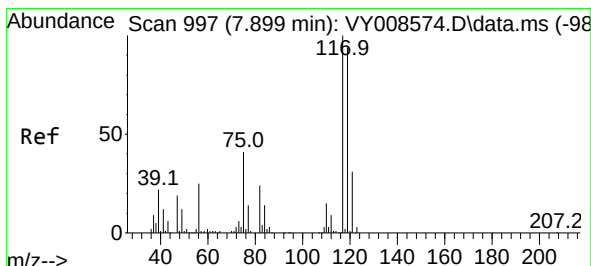
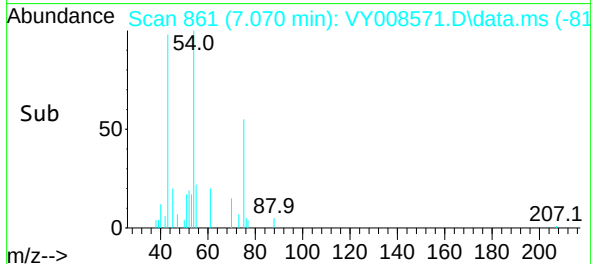
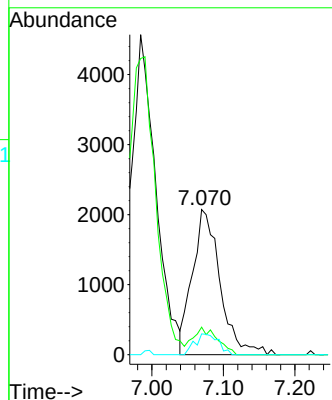
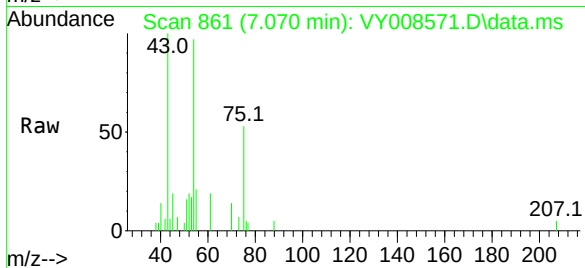
Tgt Ion: 43 Resp: 5584

Ion Ratio Lower Upper

43 100

61 16.6 9.7 14.5#

70 12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.225 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

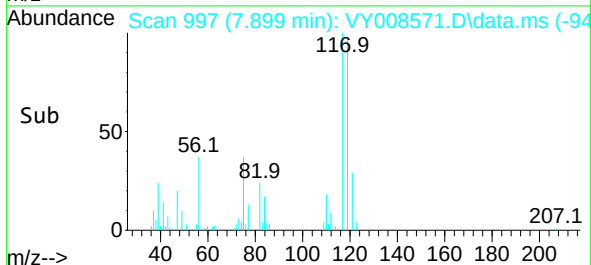
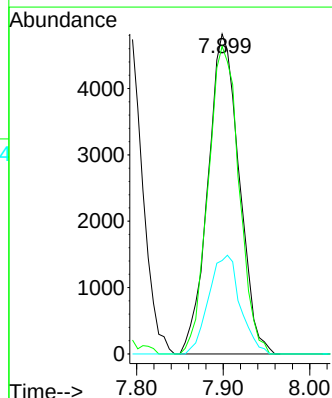
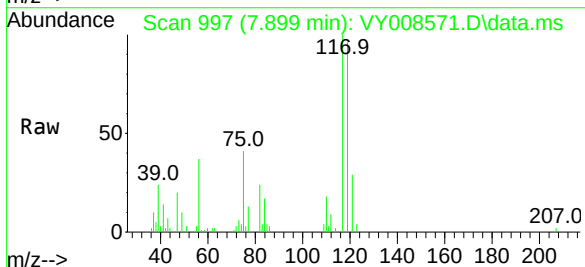
Tgt Ion: 117 Resp: 12106

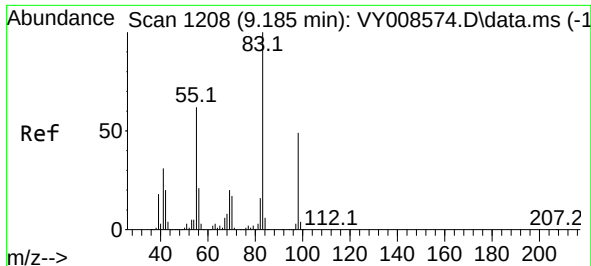
Ion Ratio Lower Upper

117 100

119 96.1 77.9 116.9

121 29.2 24.8 37.2





#39

Methylcyclohexane

Concen: 5.225 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

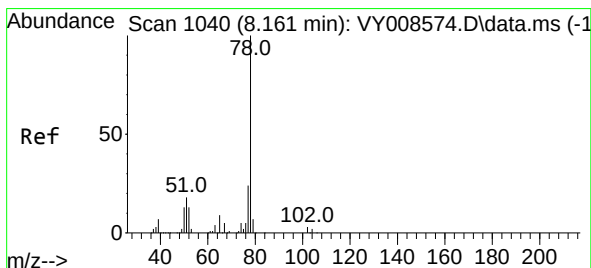
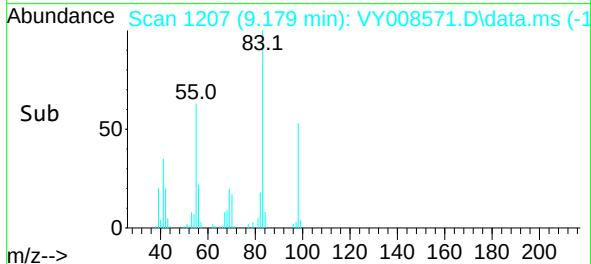
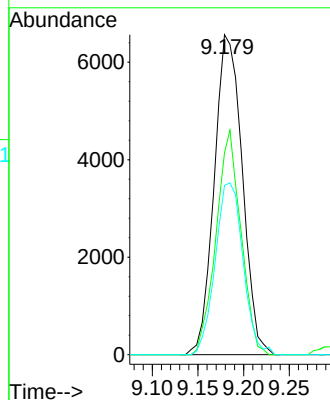
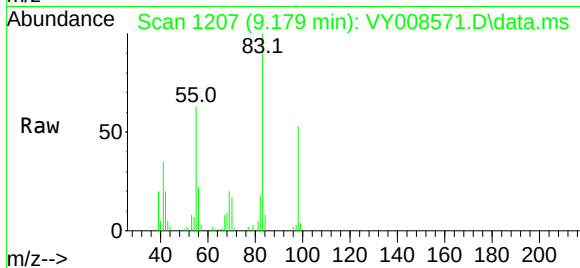
Tgt Ion: 83 Resp: 13999

Ion Ratio Lower Upper

83 100

55 63.2 66.5 99.7#

98 52.9 37.9 56.9



#40

Benzene

Concen: 5.319 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY008571.D

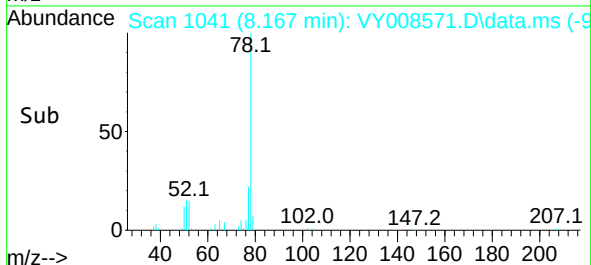
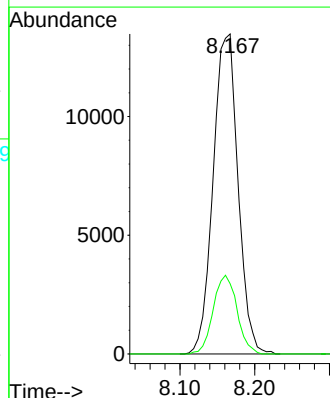
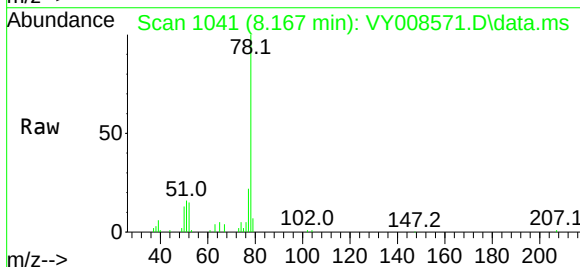
Acq: 02 May 2022 15:03

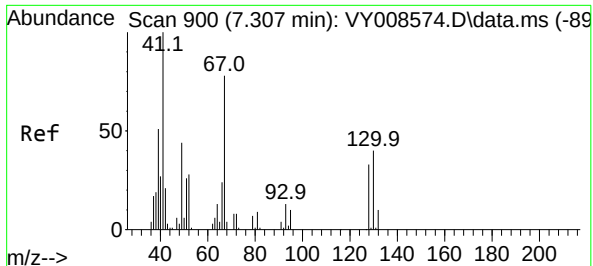
Tgt Ion: 78 Resp: 31201

Ion Ratio Lower Upper

78 100

77 22.0 20.4 30.6

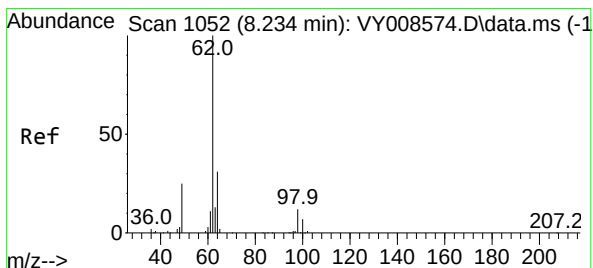
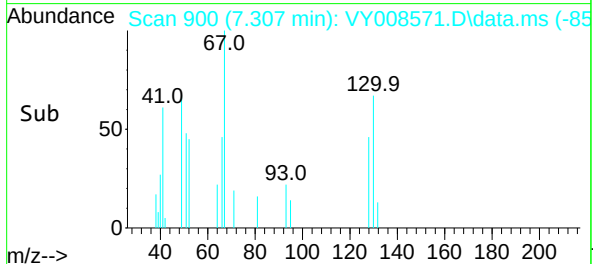
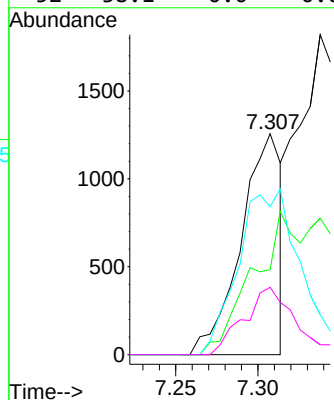
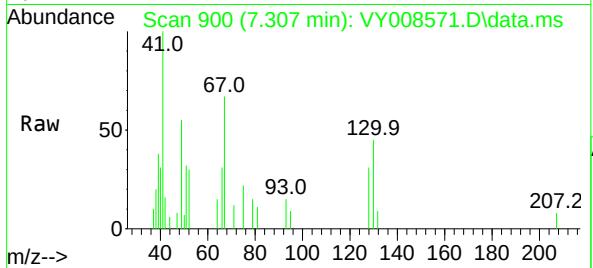




#41
Methacrylonitrile
Concen: 4.701 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

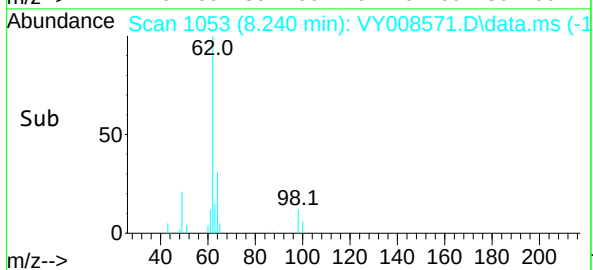
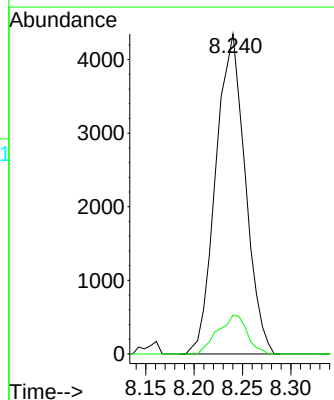
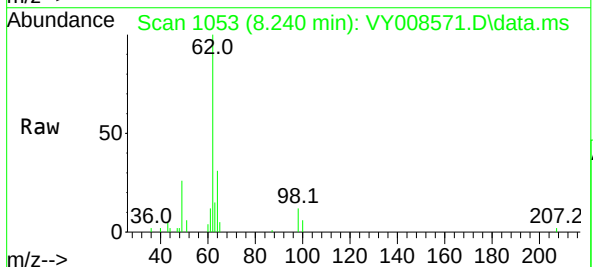
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

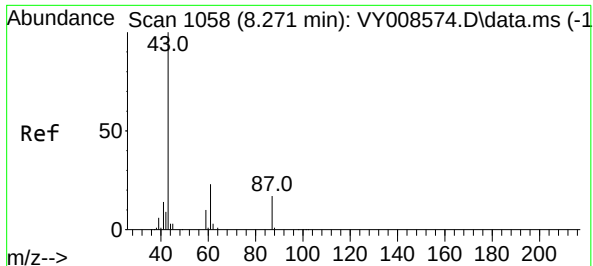
Tgt Ion: 41 Resp: 2148
Ion Ratio Lower Upper
41 100
39 73.3 92.9 139.3#
67 115.2 0.0 0.0#
52 38.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 5.421 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 62 Resp: 9204
Ion Ratio Lower Upper
62 100
98 12.0 0.0 14.8

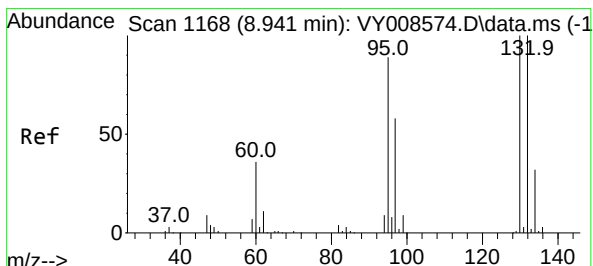
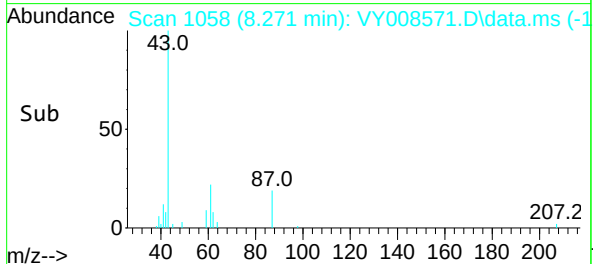
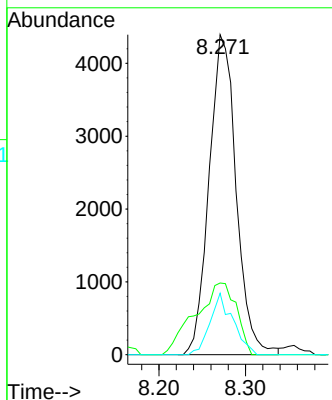
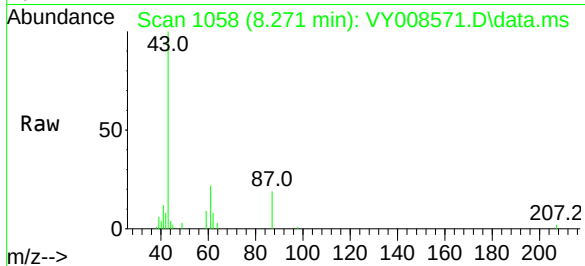




#43
Isopropyl Acetate
Concen: 5.031 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

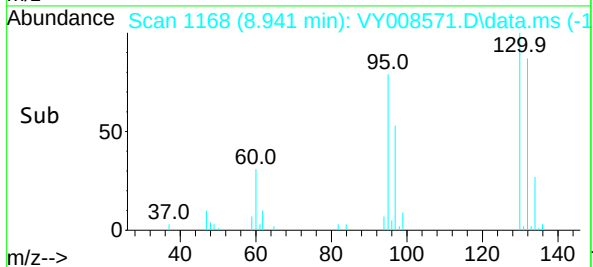
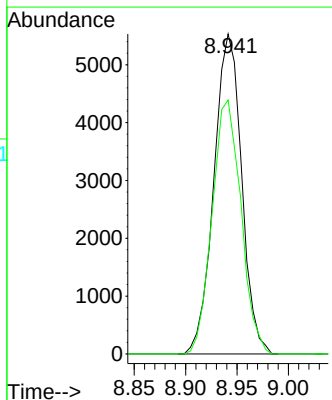
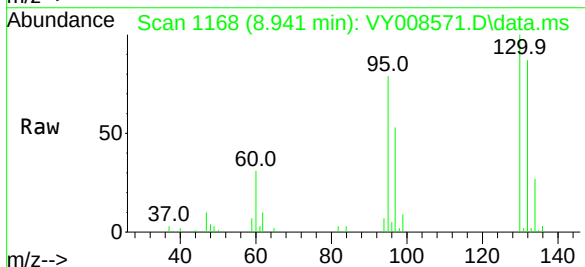
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

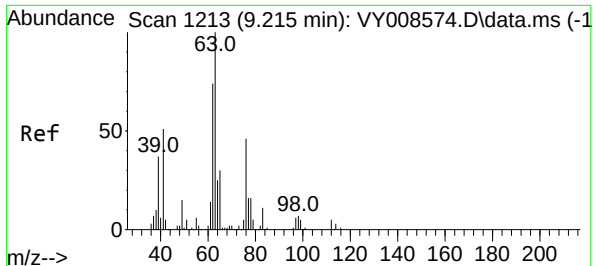
Tgt Ion: 43 Resp: 9534
Ion Ratio Lower Upper
43 100
61 34.0 20.2 30.2#
87 16.3 8.9 13.3#



#44
Trichloroethene
Concen: 5.637 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 130 Resp: 10373
Ion Ratio Lower Upper
130 100
95 79.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.158 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

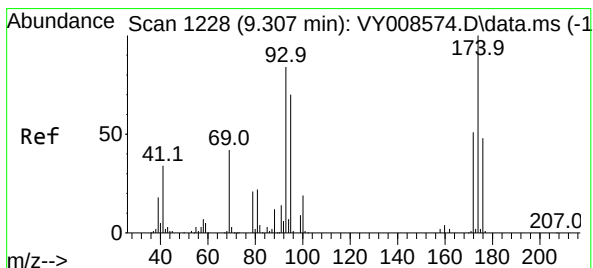
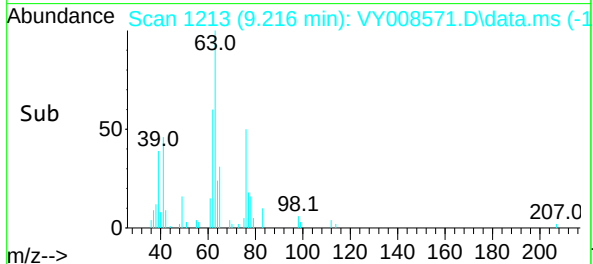
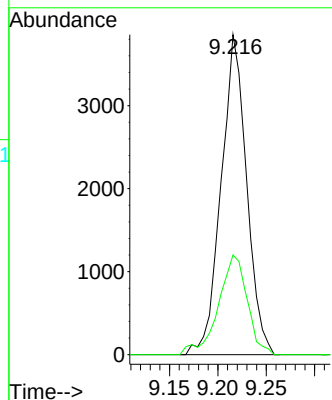
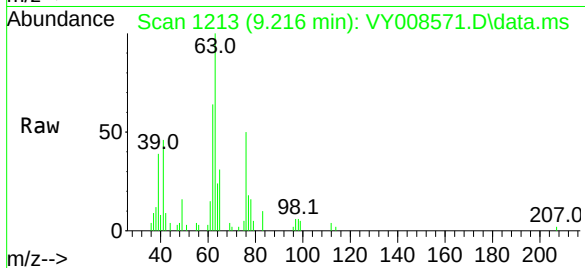
VSTDIC005

Tgt Ion: 63 Resp: 7059

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 5.592 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

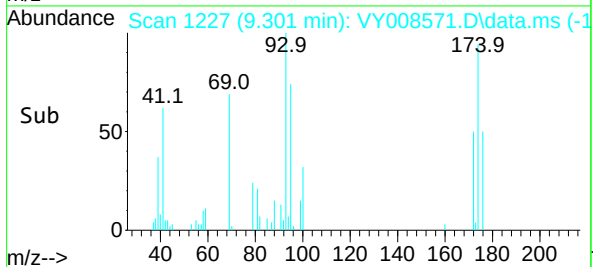
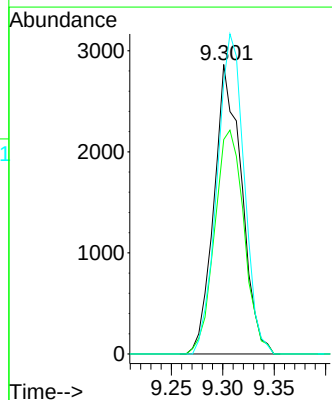
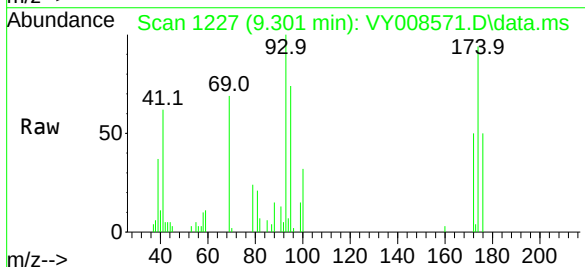
Tgt Ion: 93 Resp: 5342

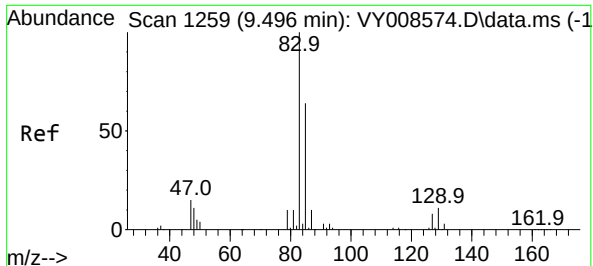
Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 108.6 83.4 125.0

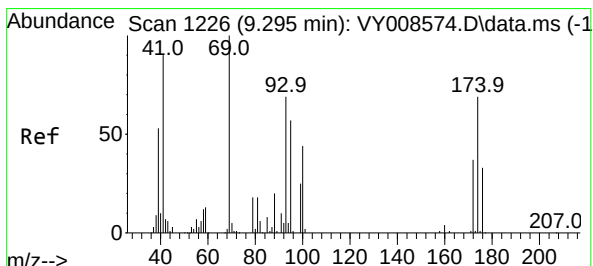
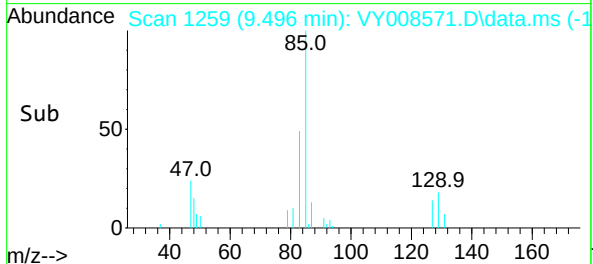
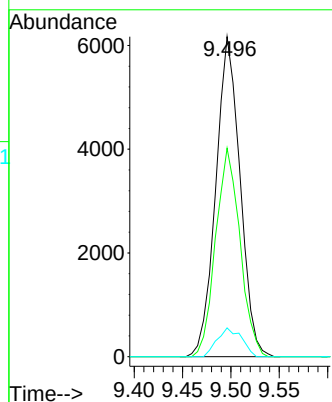
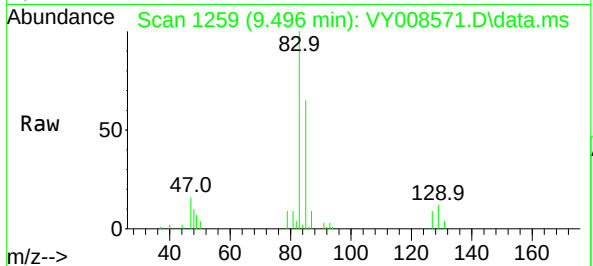




#47
Bromodichloromethane
Concen: 5.166 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

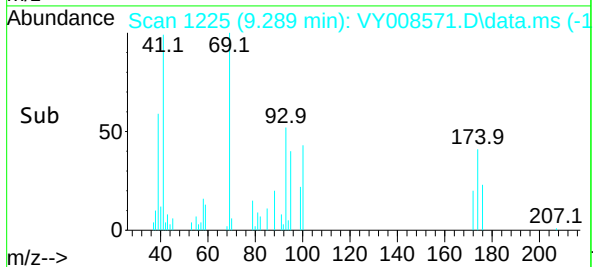
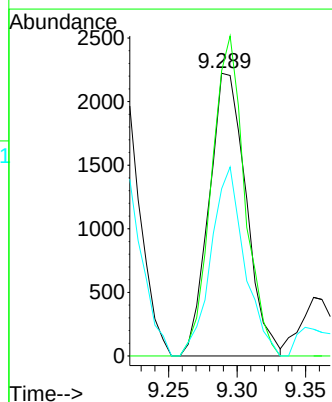
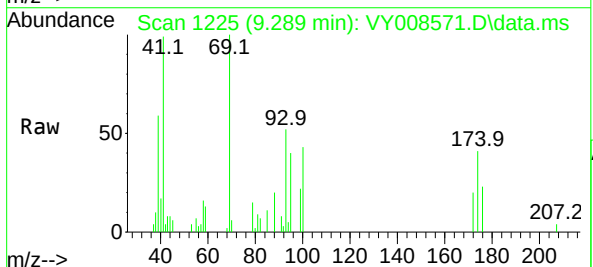
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

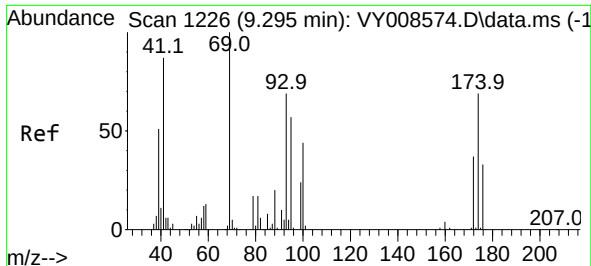
Tgt Ion: 83 Resp: 10753
Ion Ratio Lower Upper
83 100
85 65.1 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 5.021 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 41 Resp: 4182
Ion Ratio Lower Upper
41 100
69 101.2 58.2 87.2#
39 60.5 47.4 71.0





#49

1,4-Dioxane

Concen: 90.069 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

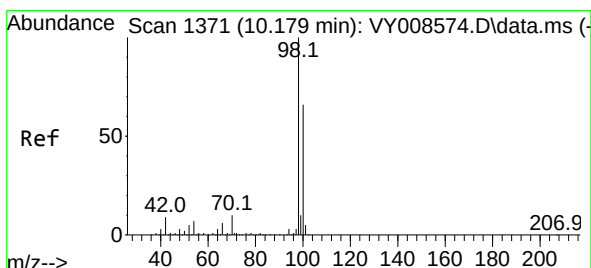
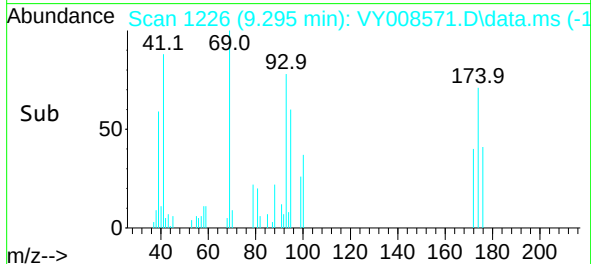
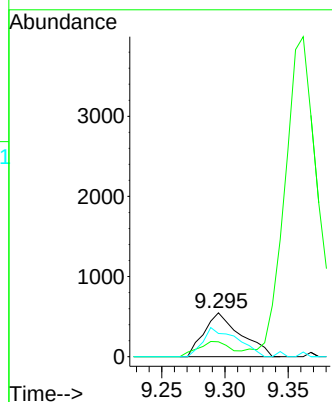
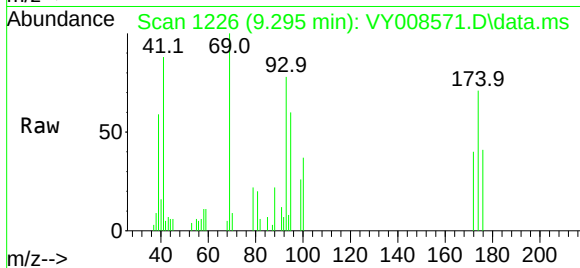
Tgt Ion: 88 Resp: 1091

Ion Ratio Lower Upper

88 100

43 31.3 32.8 49.2#

58 62.1 59.8 89.6



#50

Toluene-d8

Concen: 4.946 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008571.D

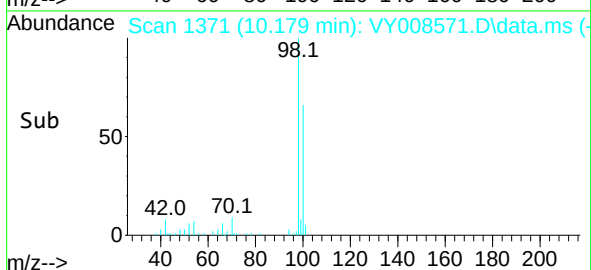
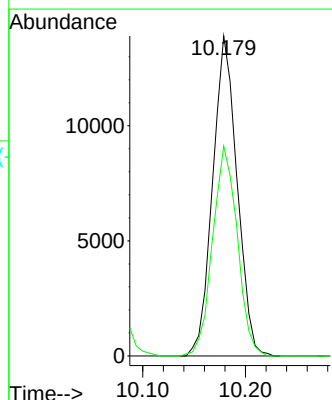
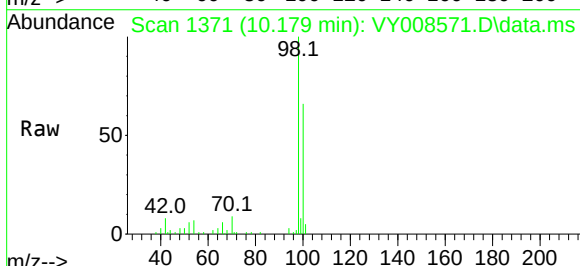
Acq: 02 May 2022 15:03

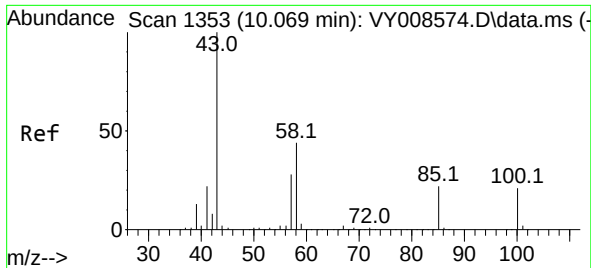
Tgt Ion: 98 Resp: 22887

Ion Ratio Lower Upper

98 100

100 66.4 50.2 75.2

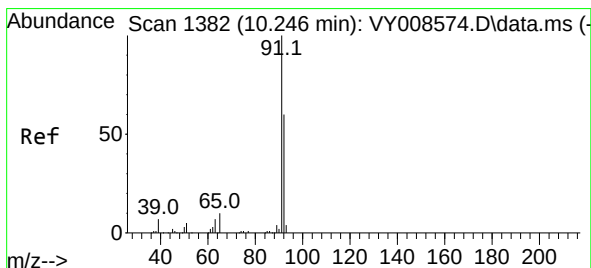
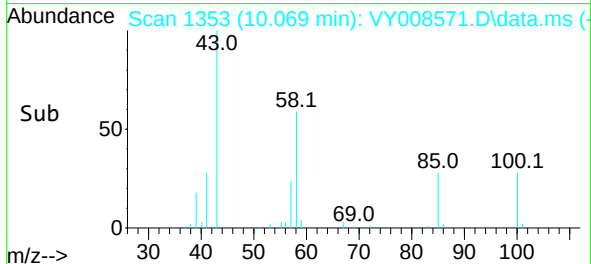
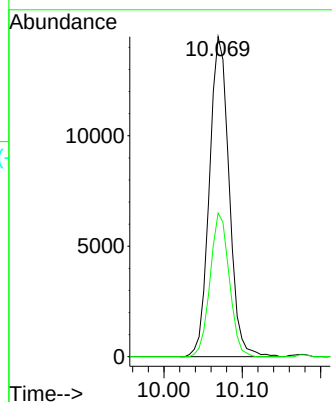
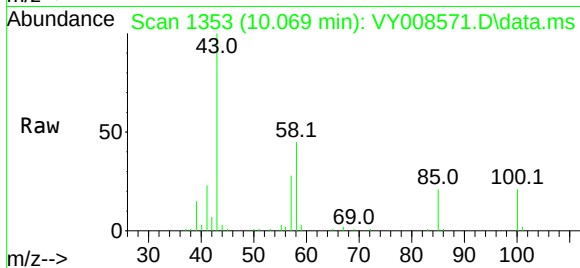




#51
4-Methyl-2-Pentanone
Concen: 25.451 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

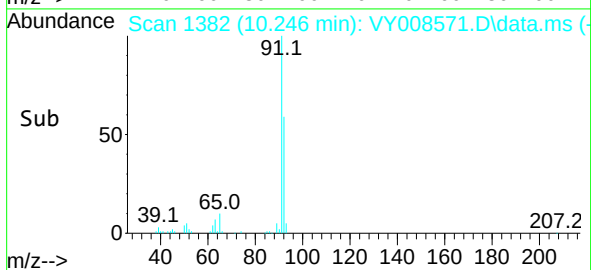
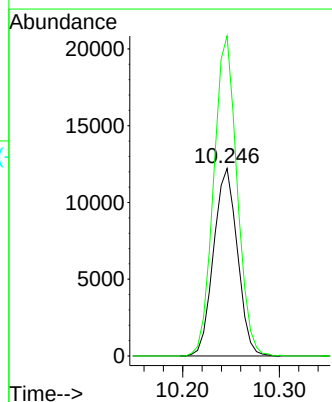
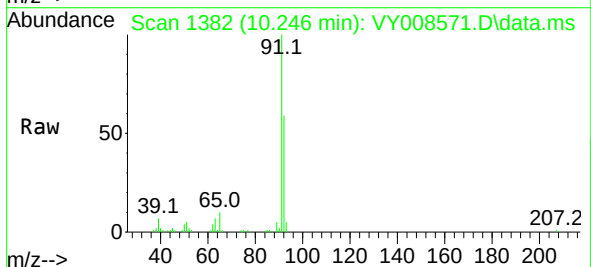
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

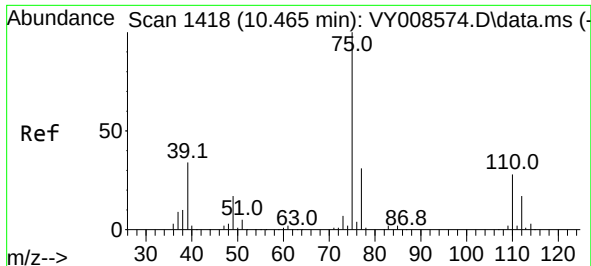
Tgt Ion: 43 Resp: 25314
Ion Ratio Lower Upper
43 100
58 43.5 28.1 42.1#



#52
Toluene
Concen: 5.316 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 92 Resp: 20845
Ion Ratio Lower Upper
92 100
91 168.0 142.6 213.8

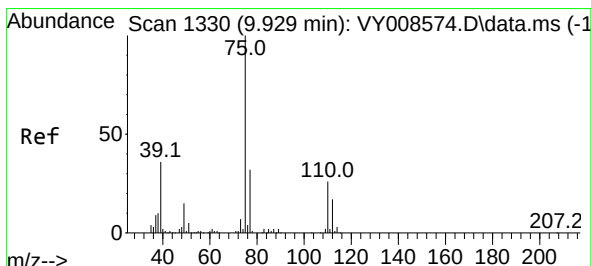
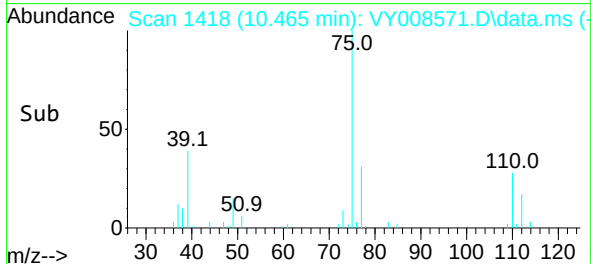
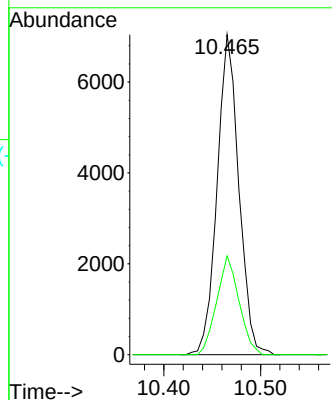
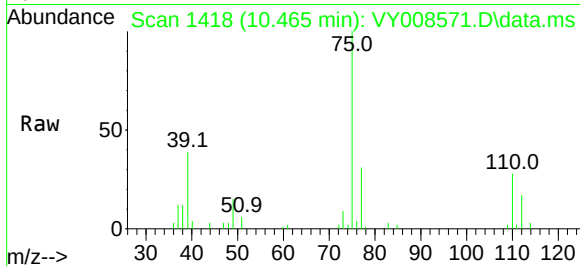




#53
t-1,3-Dichloropropene
Concen: 4.982 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

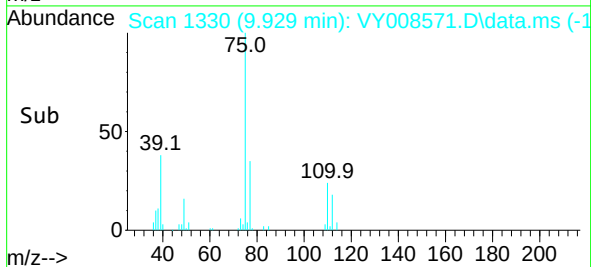
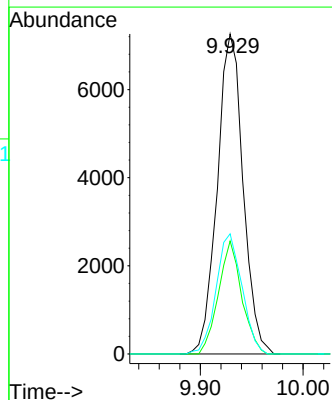
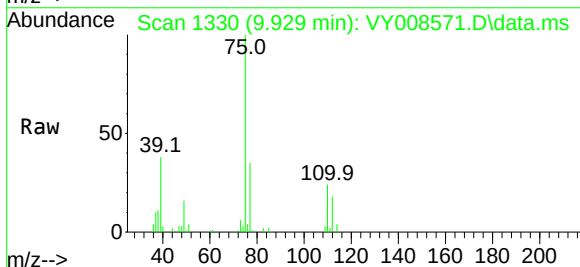
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

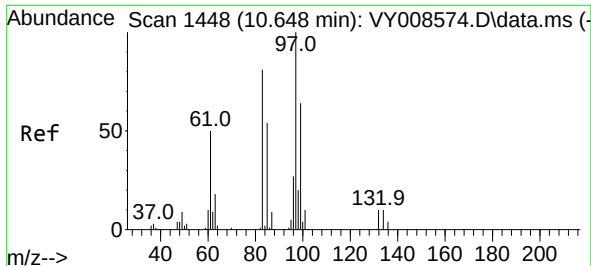
Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.180 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 75 Resp: 12664
Ion Ratio Lower Upper
75 100
77 35.3 25.6 38.4
39 37.5 47.6 71.4#

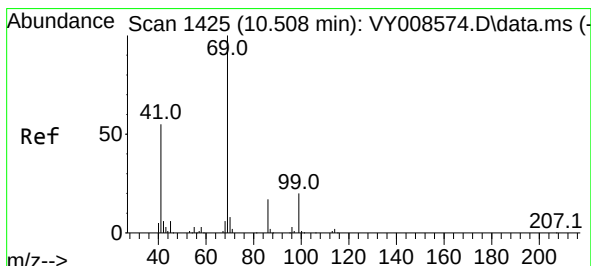
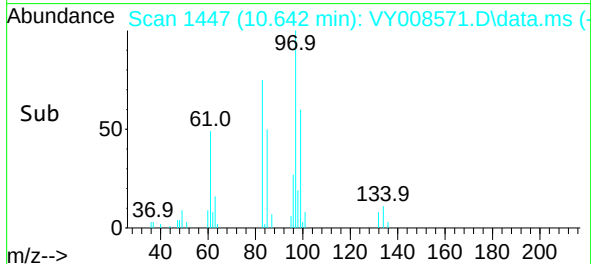
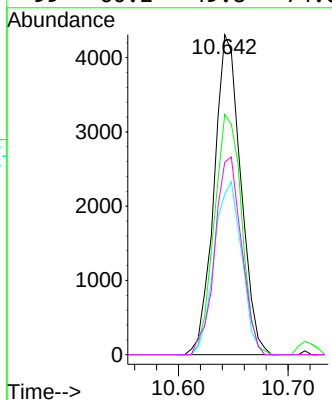
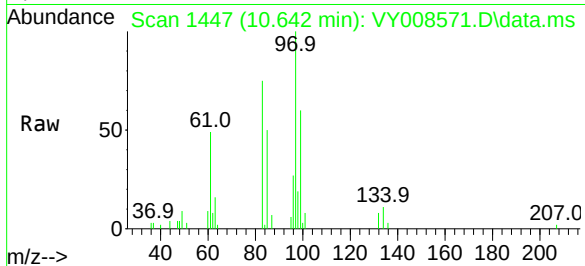




#55
1,1,2-Trichloroethane
Concen: 5.469 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

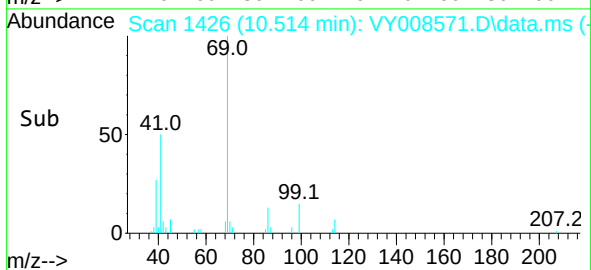
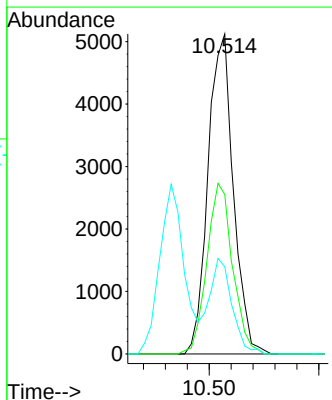
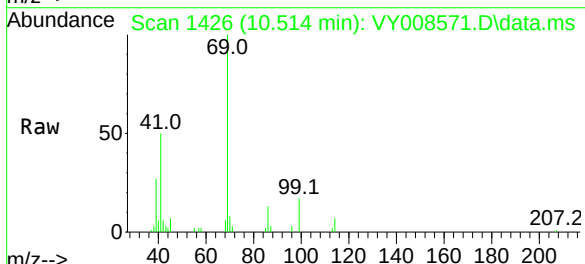
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

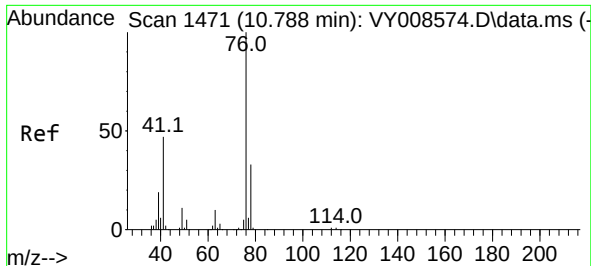
Tgt Ion: 97	Resp: 7280
Ion Ratio	Lower Upper
97 100	
83 75.1	69.8 104.8
85 50.2	44.3 66.5
99 60.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.879 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 69	Resp: 8205
Ion Ratio	Lower Upper
69 100	
41 54.2	63.4 95.0#
39 27.2	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 5.343 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

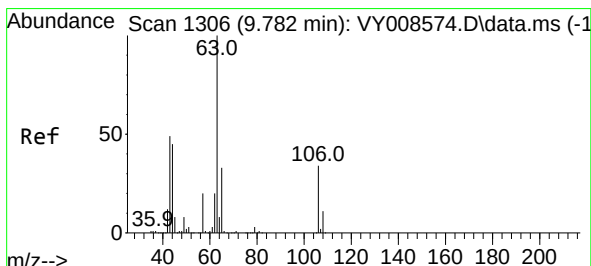
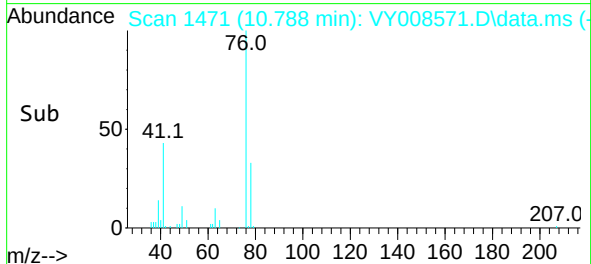
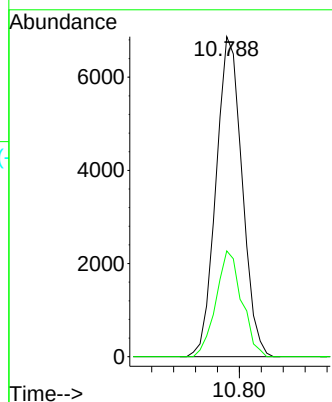
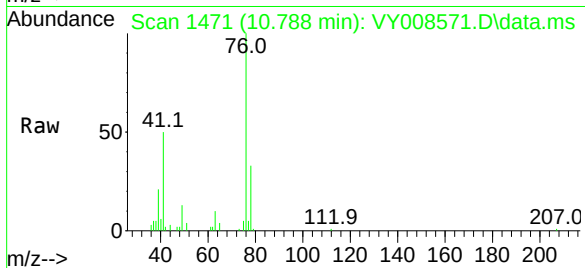
VSTDIC005

Tgt Ion: 76 Resp: 11355

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 25.773 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008571.D

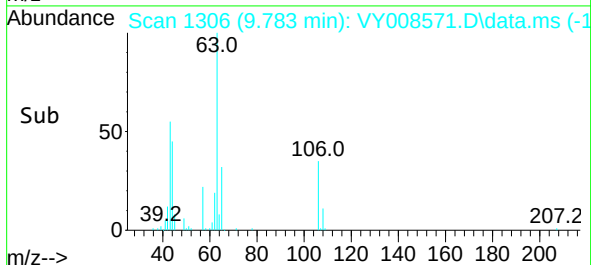
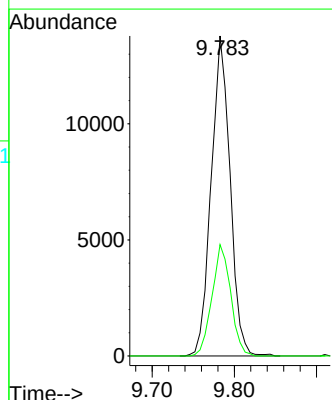
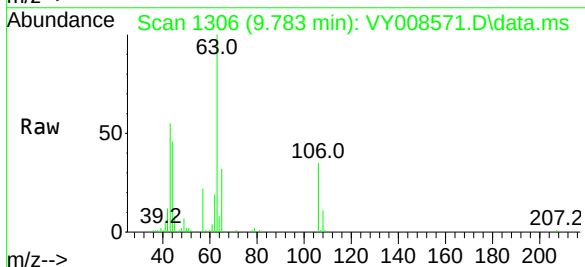
Acq: 02 May 2022 15:03

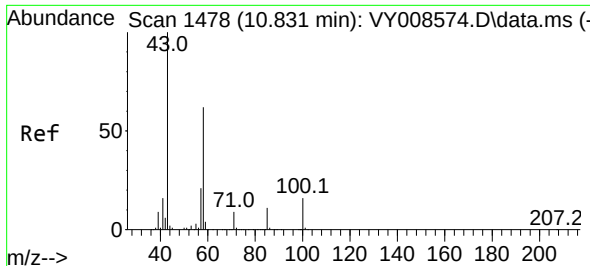
Tgt Ion: 63 Resp: 21998

Ion Ratio Lower Upper

63 100

106 34.5 21.5 32.3#

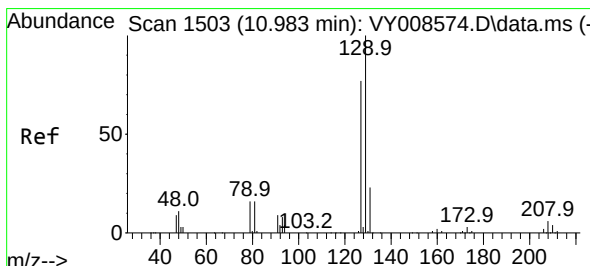
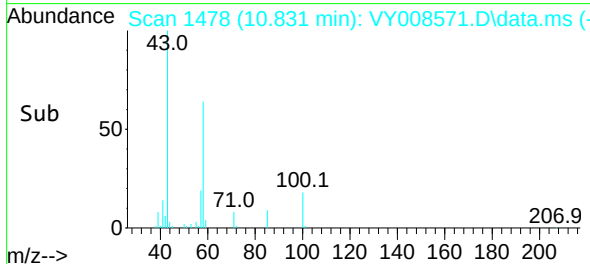
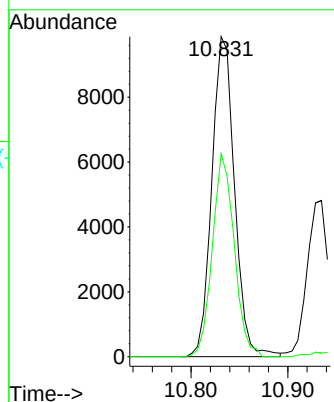
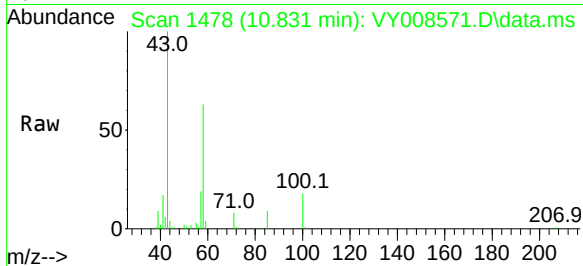




#59
2-Hexanone
Concen: 23.734 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

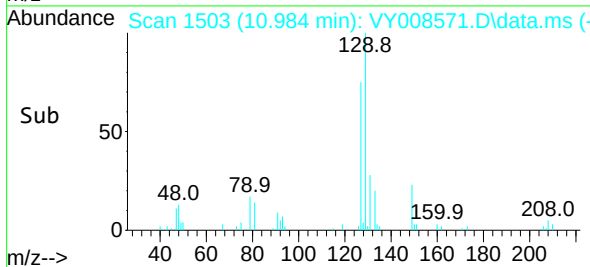
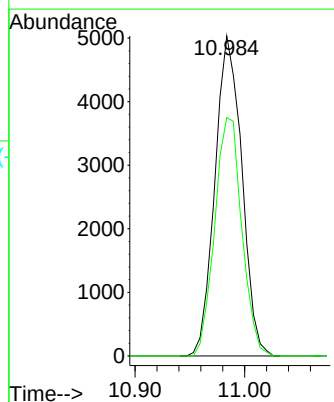
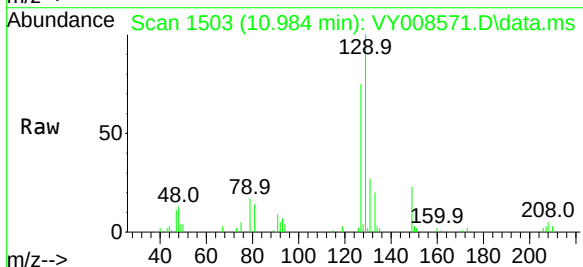
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

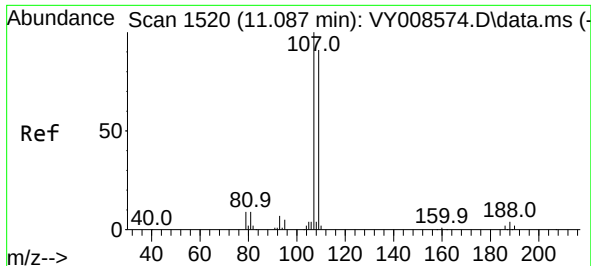
Tgt Ion: 43 Resp: 16076
Ion Ratio Lower Upper
43 100
58 61.1 24.4 73.4



#60
Dibromochloromethane
Concen: 5.151 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 129 Resp: 8578
Ion Ratio Lower Upper
129 100
127 75.0 38.7 116.1

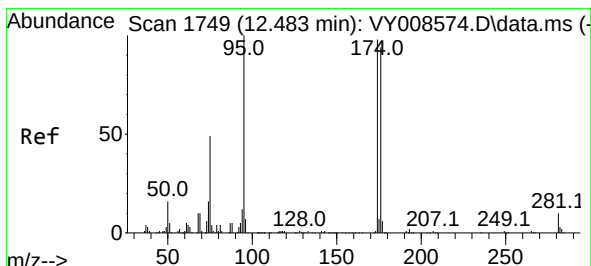
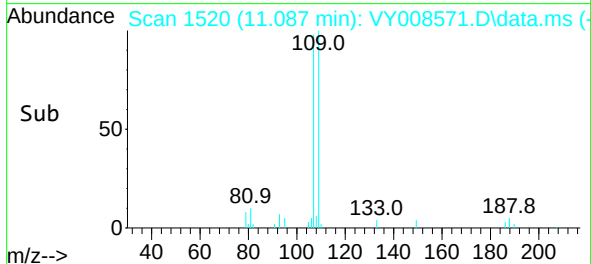
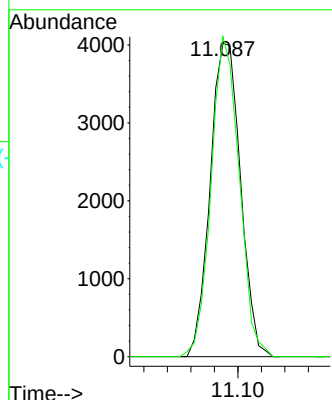
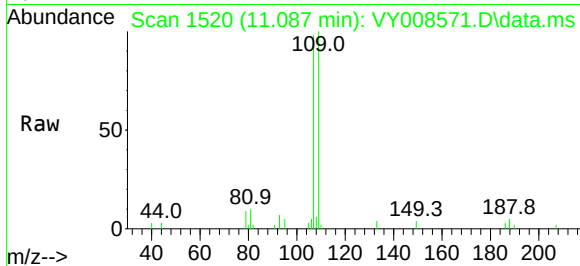




#61
1,2-Dibromoethane
Concen: 5.352 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

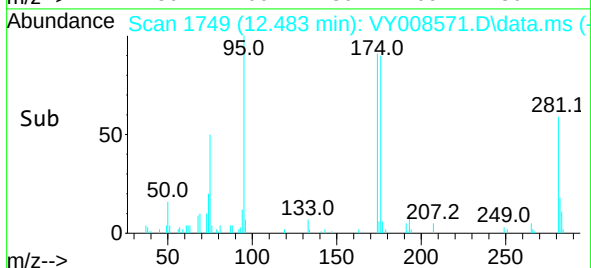
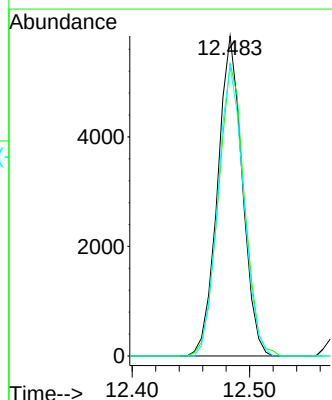
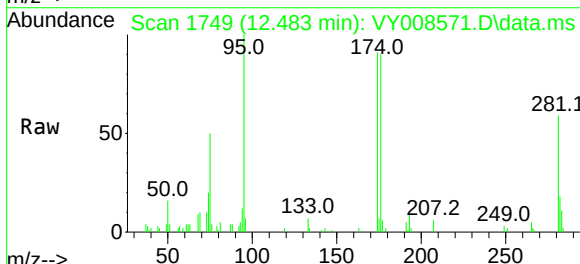
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

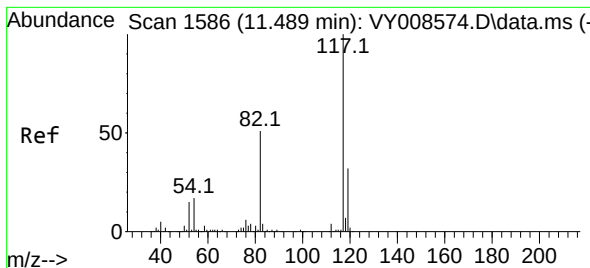
Tgt Ion:107 Resp: 7211
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 95 Resp: 8530
Ion Ratio Lower Upper
95 100
174 96.5 0.0 177.0
176 94.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

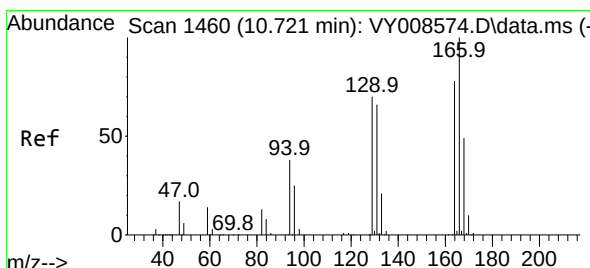
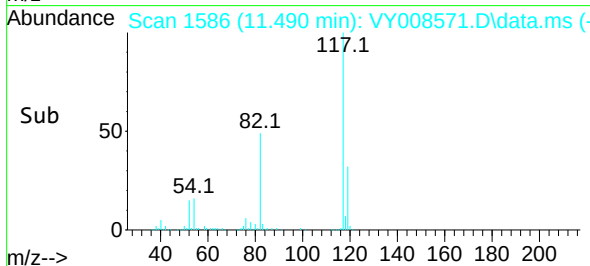
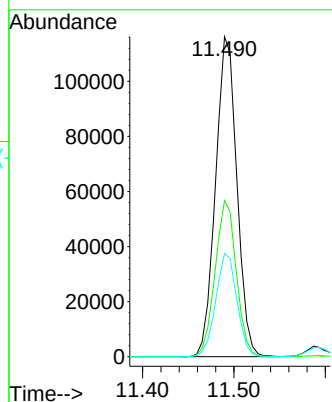
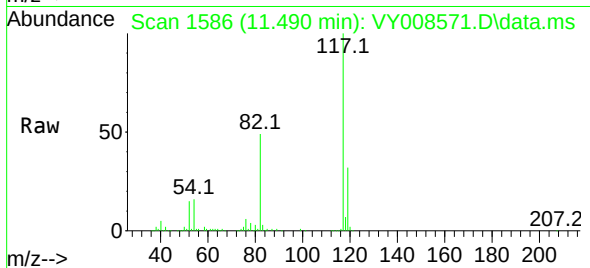
Tgt Ion:117 Resp: 188350

Ion Ratio Lower Upper

117 100

82 48.8 43.0 64.4

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 5.476 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Tgt Ion:164 Resp: 9409

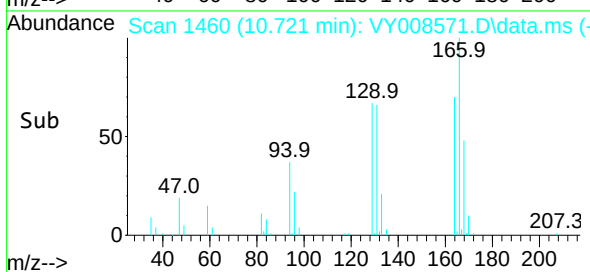
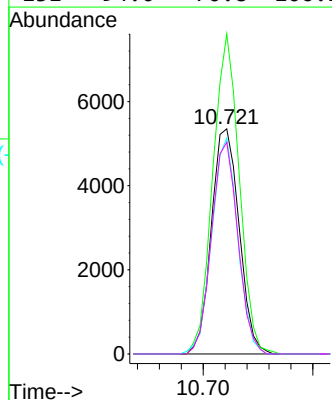
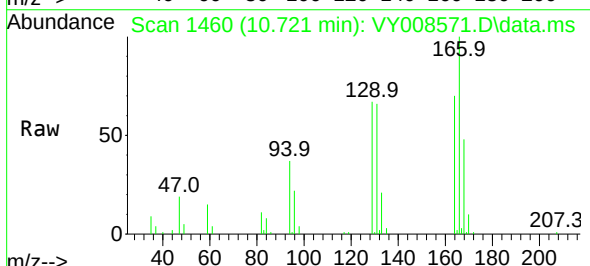
Ion Ratio Lower Upper

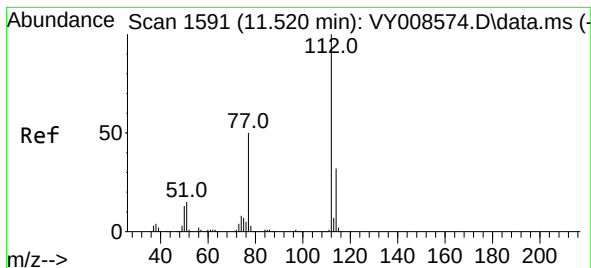
164 100

166 142.1 100.4 150.6

129 95.9 71.4 107.0

131 94.0 70.8 106.2





#65

Chlorobenzene

Concen: 5.302 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

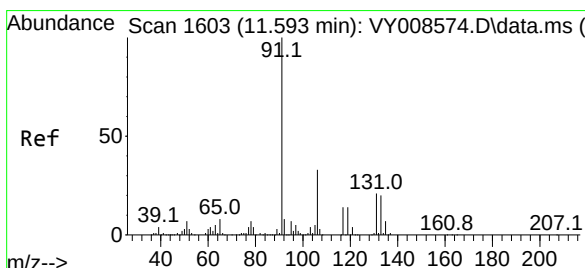
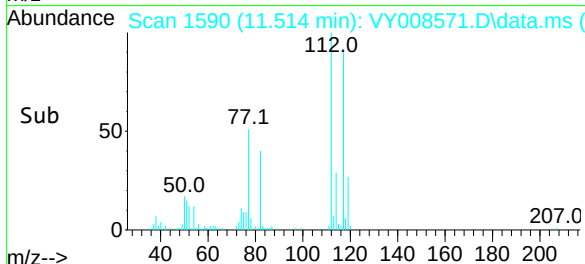
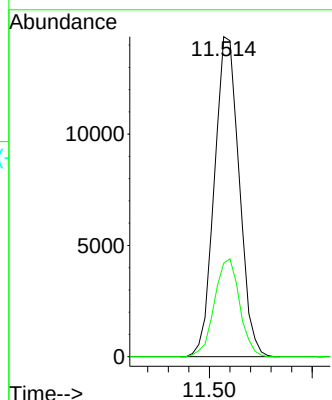
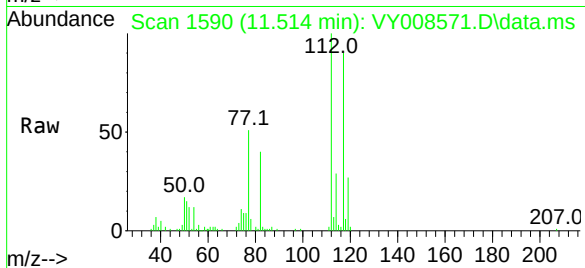
VSTDIC005

Tgt Ion:112 Resp: 24053

Ion Ratio Lower Upper

112 100

114 29.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 4.988 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

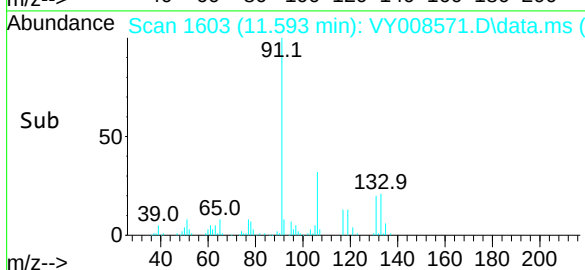
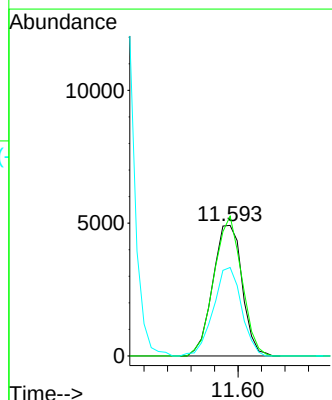
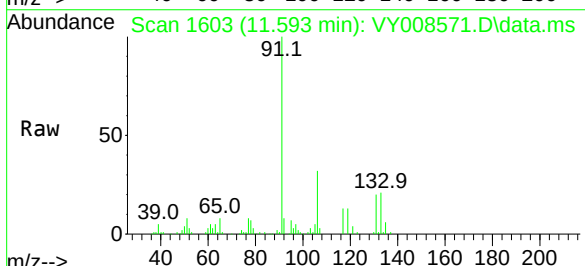
Tgt Ion:131 Resp: 8543

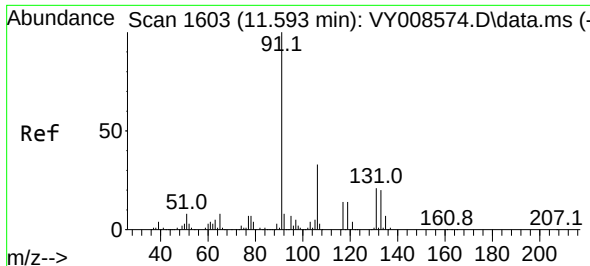
Ion Ratio Lower Upper

131 100

133 101.3 47.9 143.6

119 65.1 30.8 92.3

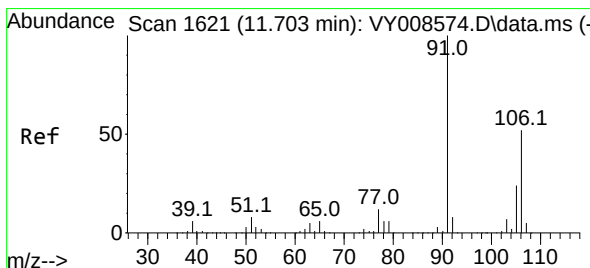
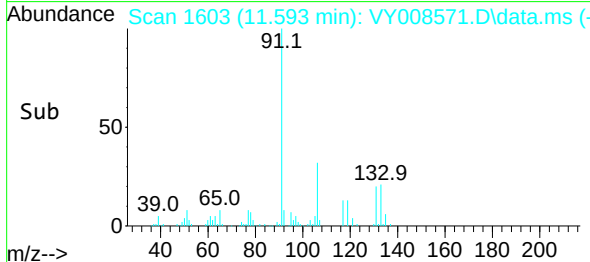
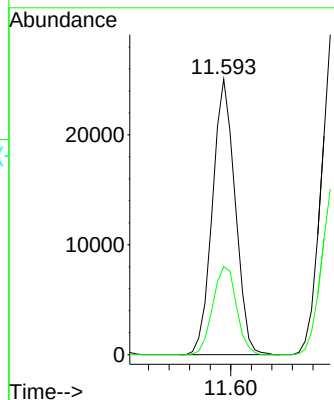
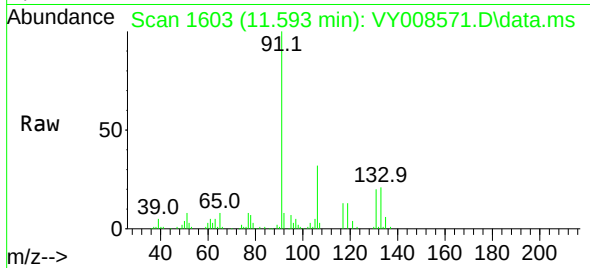




#67
Ethyl Benzene
Concen: 5.044 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

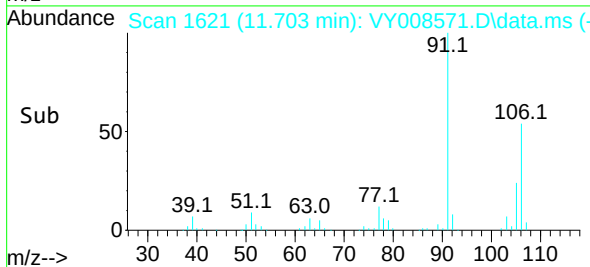
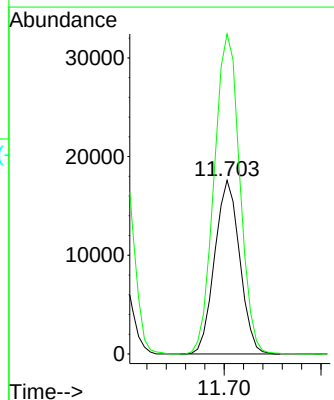
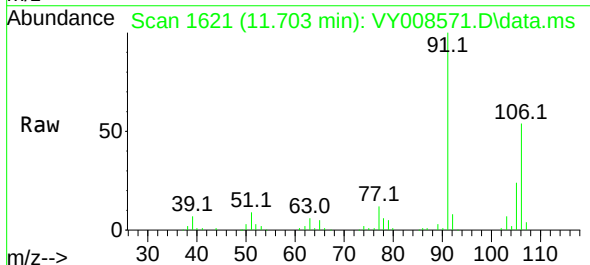
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

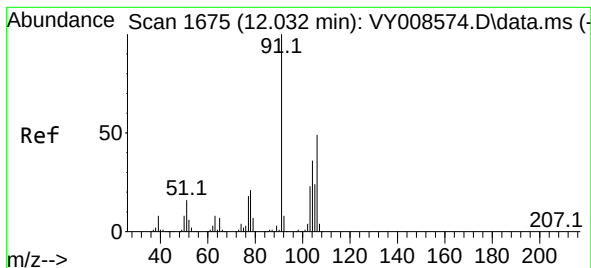
Tgt Ion: 91 Resp: 38496
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 10.124 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 106 Resp: 31568
Ion Ratio Lower Upper
106 100
91 189.0 166.6 249.8





#69

o-Xylene

Concen: 5.036 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

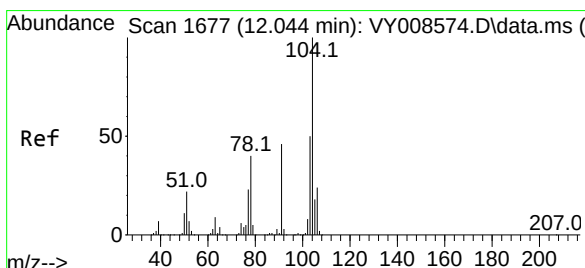
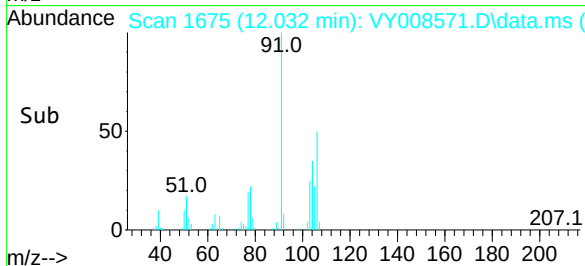
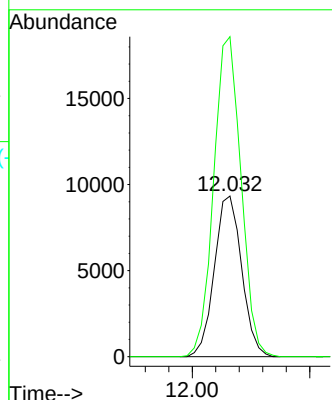
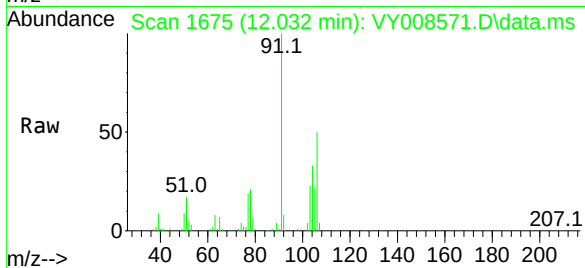
VSTDIC005

Tgt Ion:106 Resp: 15050

Ion Ratio Lower Upper

106 100

91 199.5 110.3 331.0



#70

Styrene

Concen: 4.799 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

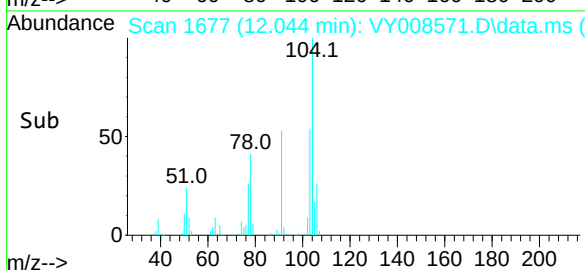
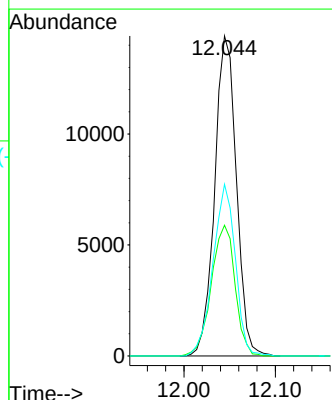
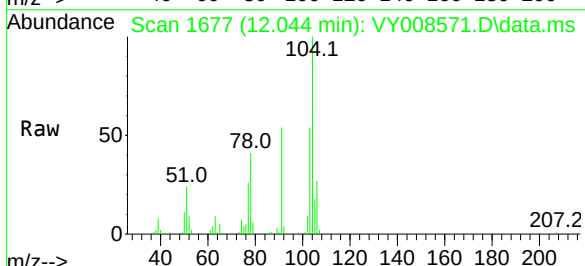
Tgt Ion:104 Resp: 23839

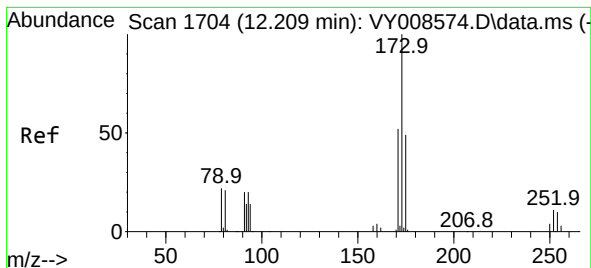
Ion Ratio Lower Upper

104 100

78 44.6 42.4 63.6

103 55.1 44.4 66.6





#71

Bromoform

Concen: 4.916 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

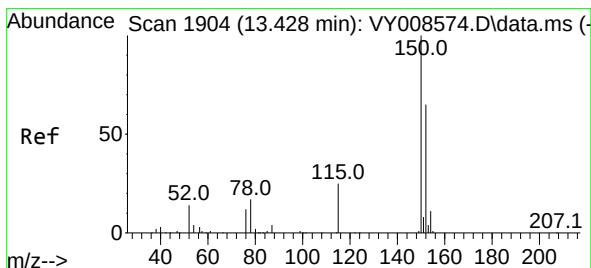
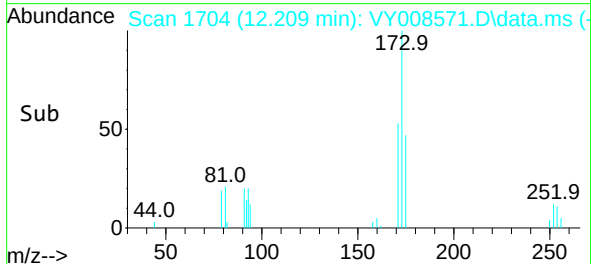
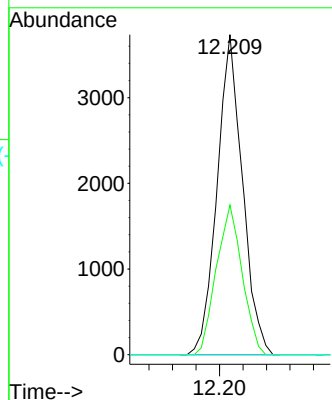
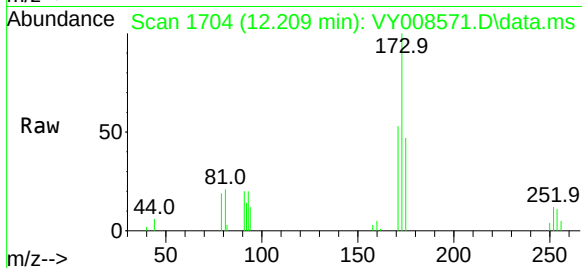
Tgt Ion:173 Resp: 5598

Ion Ratio Lower Upper

173 100

175 47.5 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

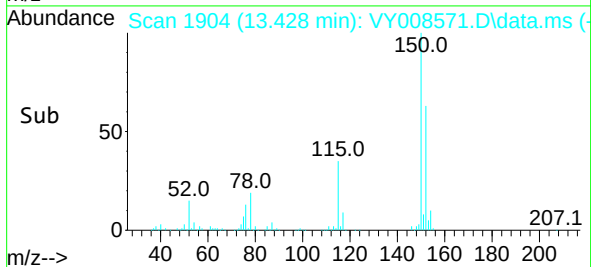
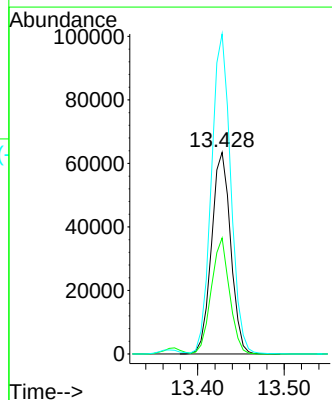
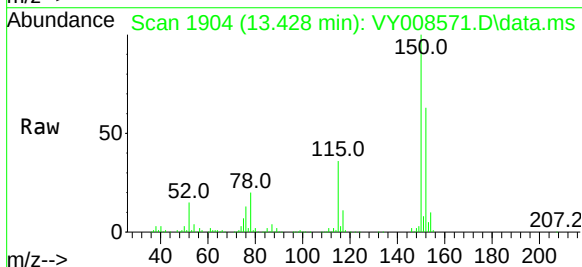
Tgt Ion:152 Resp: 97262

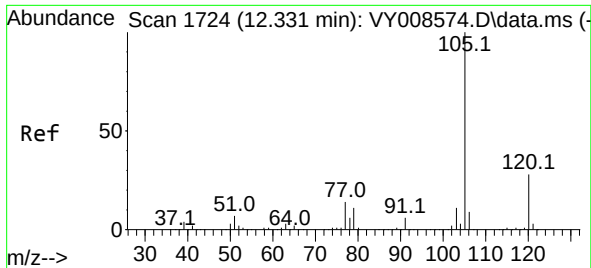
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 160.5 0.0 347.6

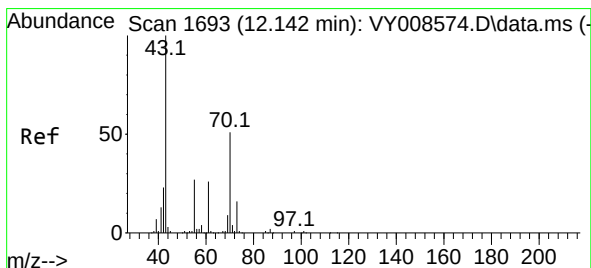
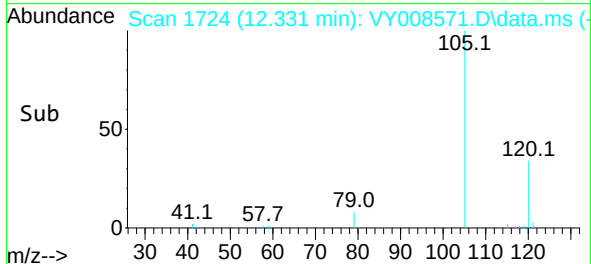
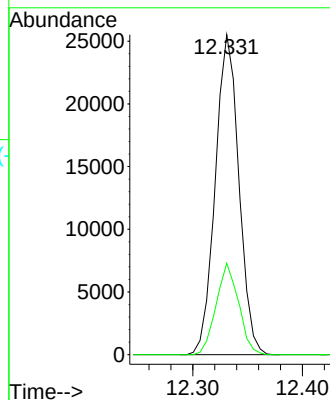
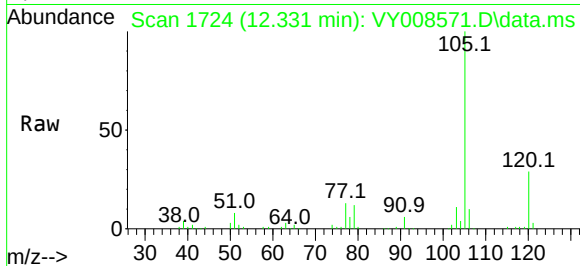




#73
Isopropylbenzene
Concen: 5.032 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

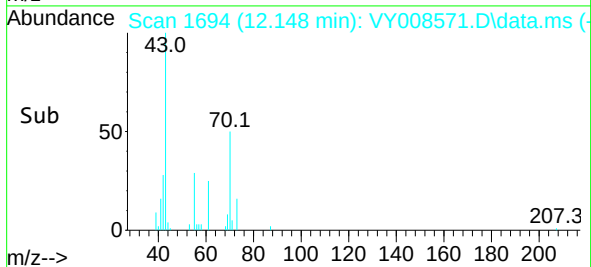
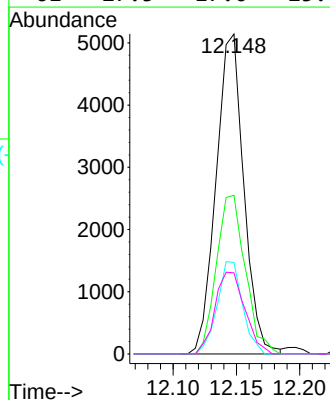
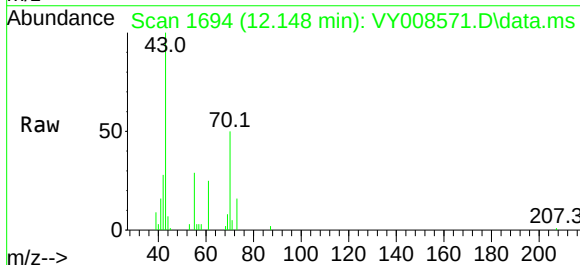
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

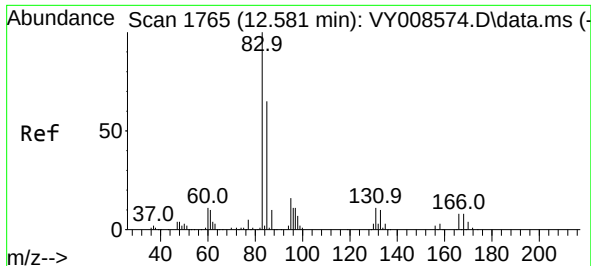
Tgt Ion:105 Resp: 38178
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 4.622 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 43 Resp: 7837
Ion Ratio Lower Upper
43 100
70 51.5 28.7 43.1#
55 26.3 17.3 25.9#
61 27.5 17.0 25.6#

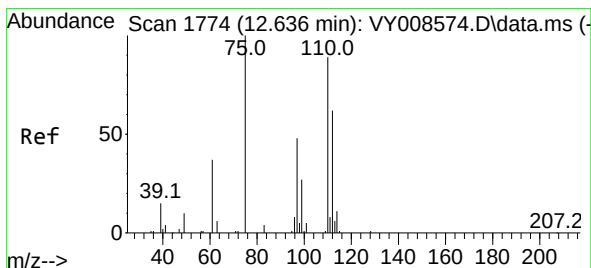
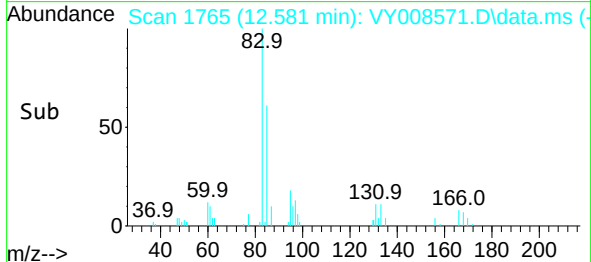
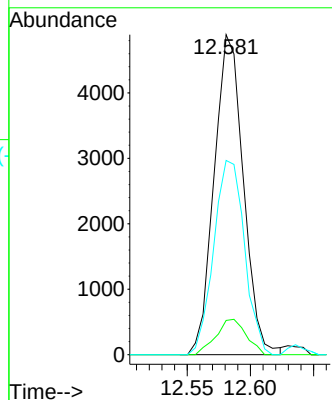
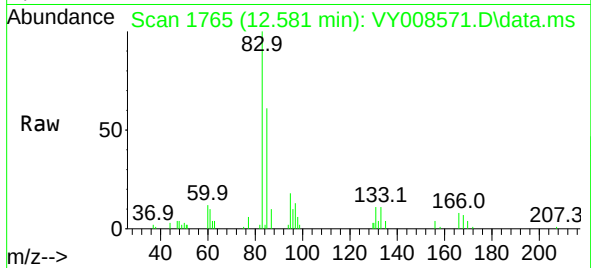




#75
1,1,2,2-Tetrachloroethane
Concen: 5.111 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

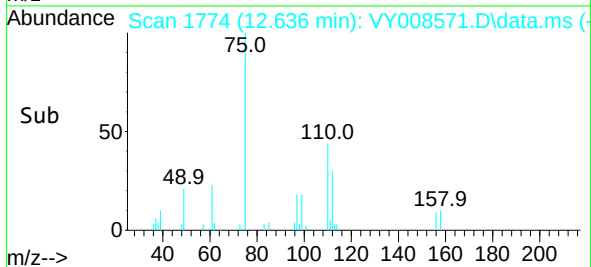
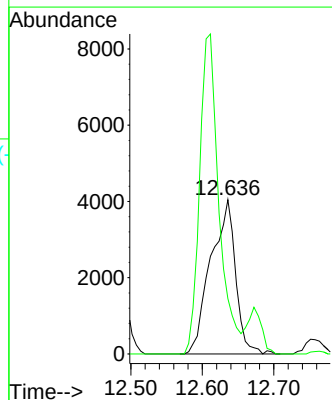
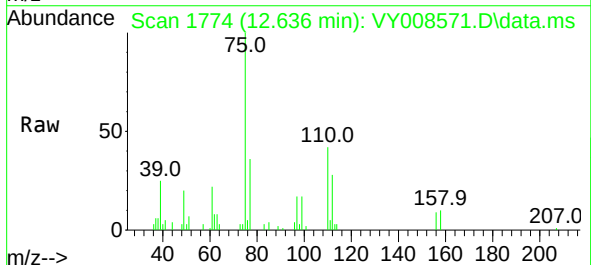
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

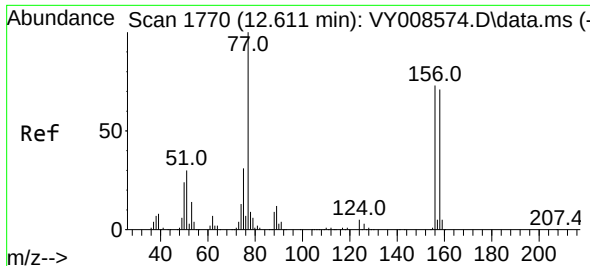
Tgt Ion: 83 Resp: 7848
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 9.410 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 75 Resp: 9770
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

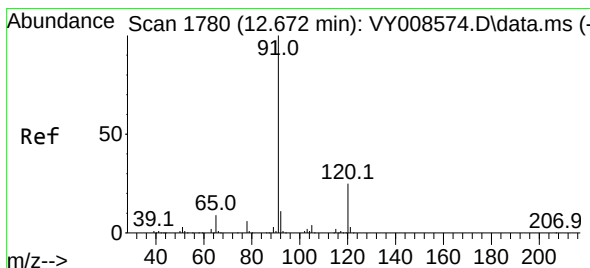
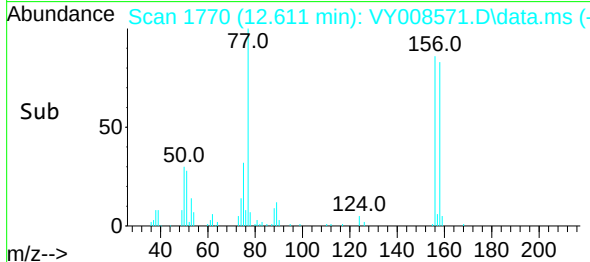
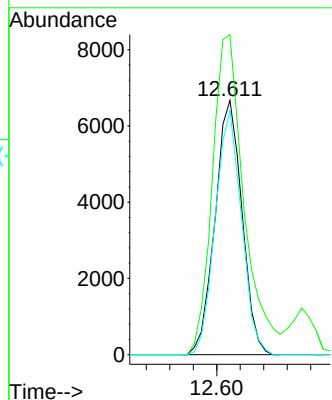
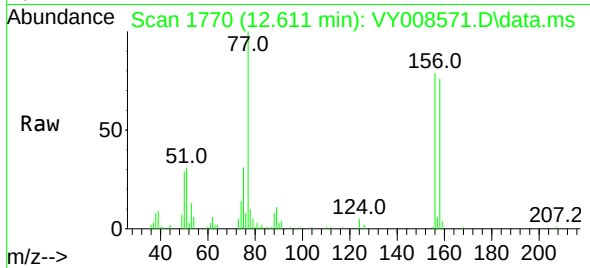




#77
Bromobenzene
Concen: 5.305 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

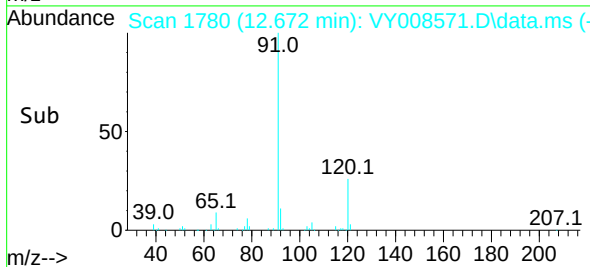
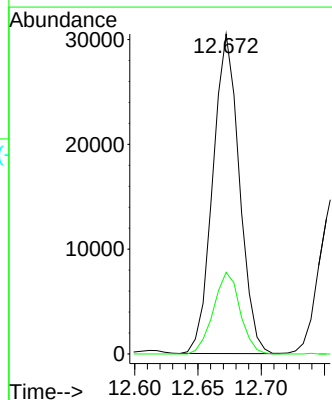
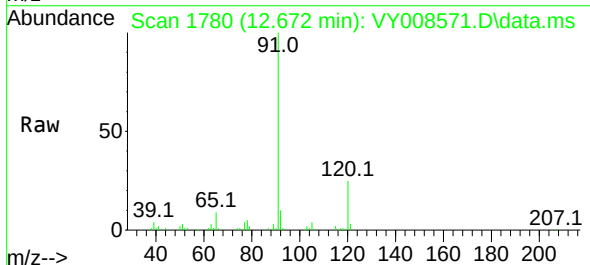
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

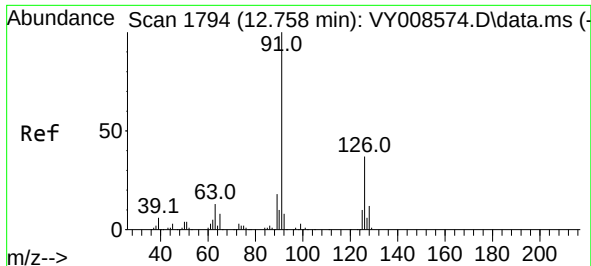
Tgt Ion	Ratio	Lower	Upper
156	100		
77	148.0	95.5	286.4
158	93.7	48.0	144.0



#78
n-propylbenzene
Concen: 5.037 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.6	11.3	33.9





#79

2-Chlorotoluene

Concen: 5.122 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

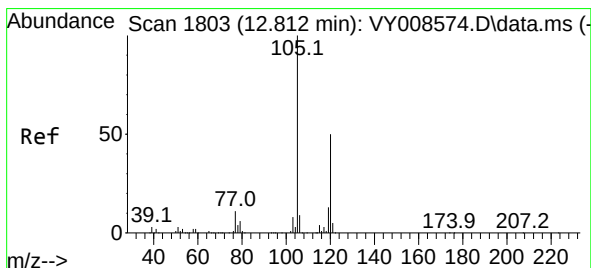
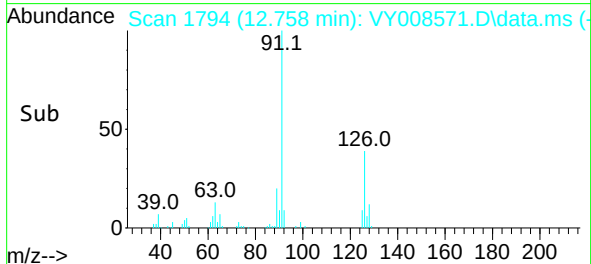
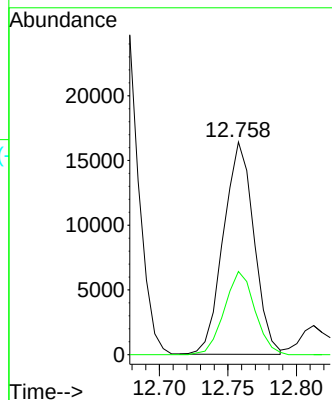
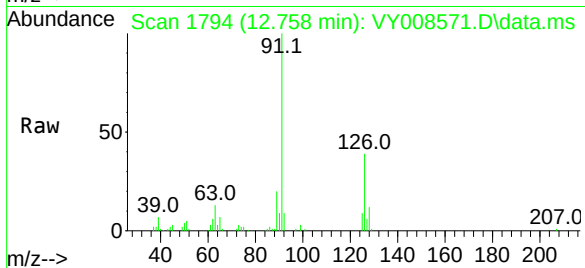
VSTDIC005

Tgt Ion: 91 Resp: 25463

Ion Ratio Lower Upper

91 100

126 39.1 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 4.993 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008571.D

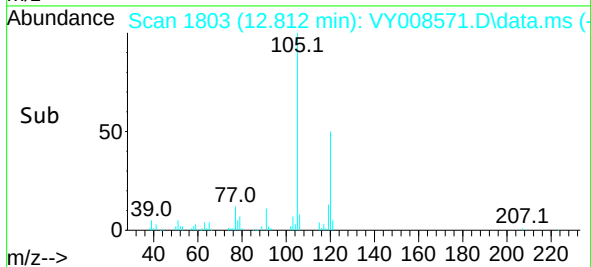
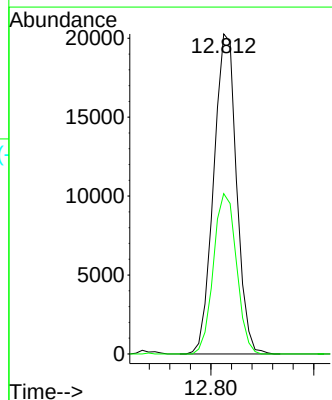
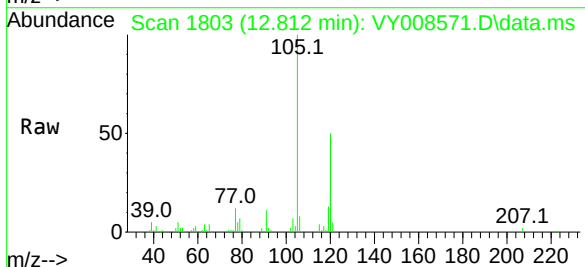
Acq: 02 May 2022 15:03

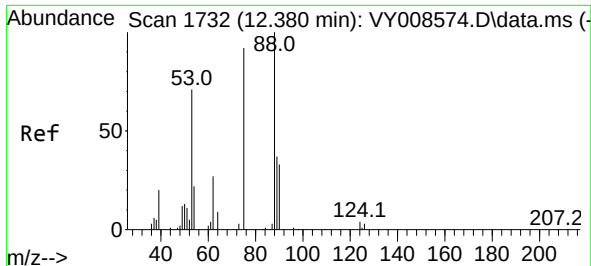
Tgt Ion: 105 Resp: 31302

Ion Ratio Lower Upper

105 100

120 50.3 24.4 73.4

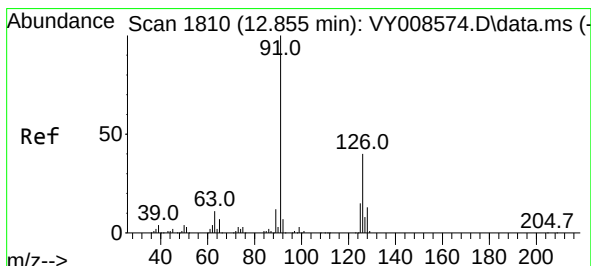
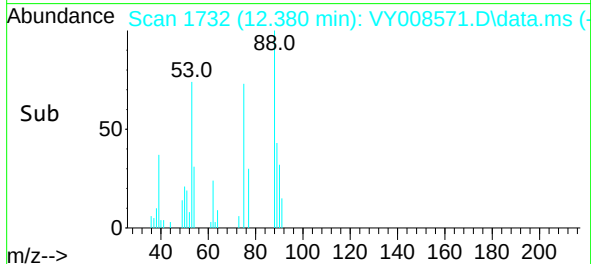
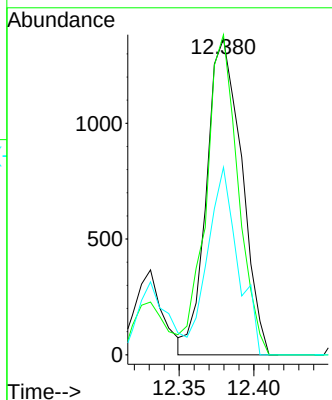
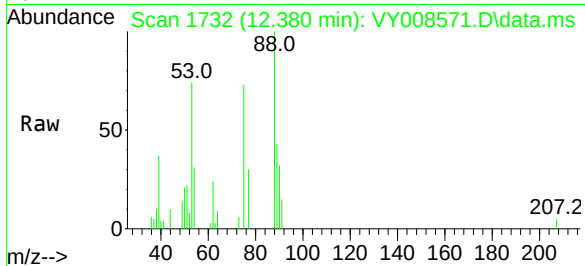




#81
trans-1,4-Dichloro-2-butene
Concen: 4.337 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

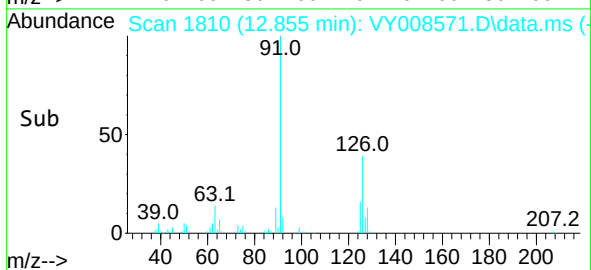
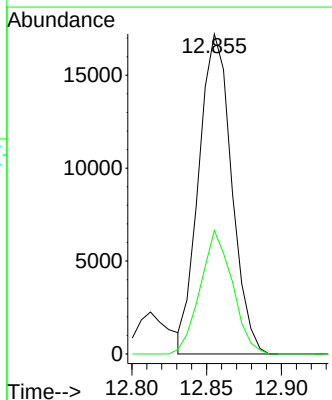
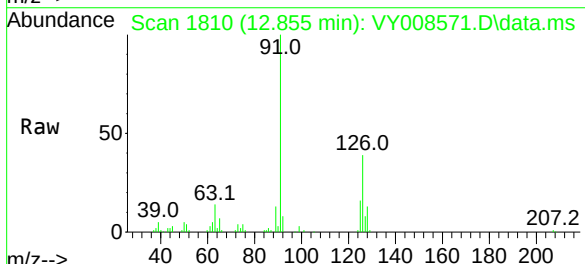
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

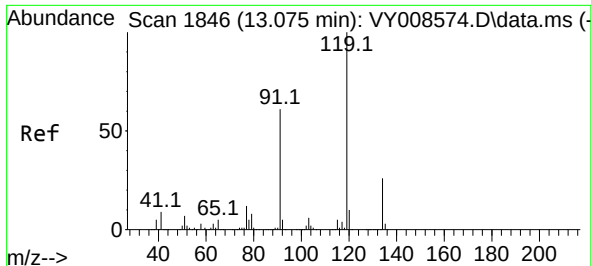
Tgt Ion: 75 Resp: 2221
Ion Ratio Lower Upper
75 100
53 92.6 85.3 127.9
89 50.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.128 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion: 91 Resp: 26262
Ion Ratio Lower Upper
91 100
126 37.8 17.0 51.0

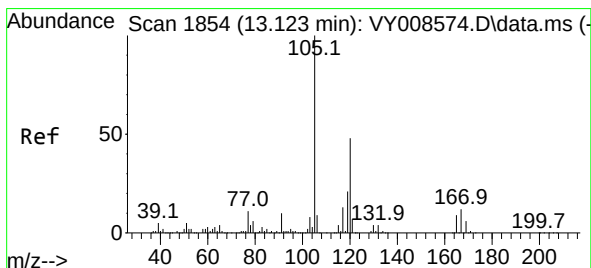
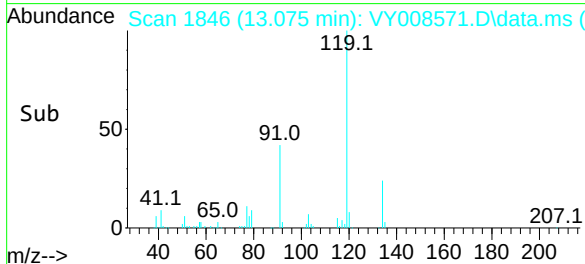
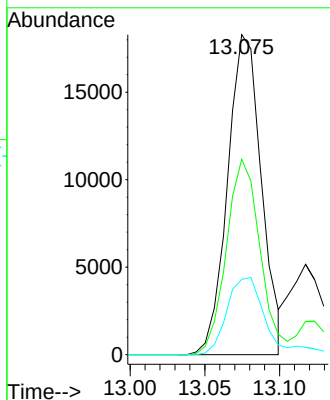
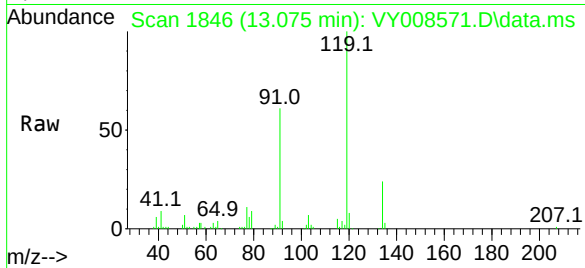




#83
tert-Butylbenzene
Concen: 5.118 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

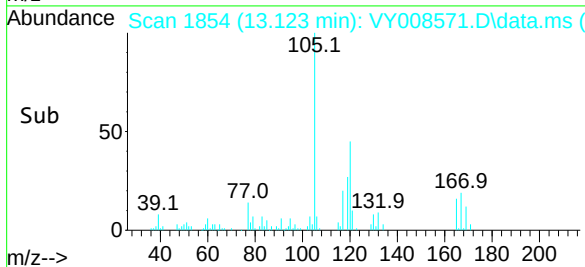
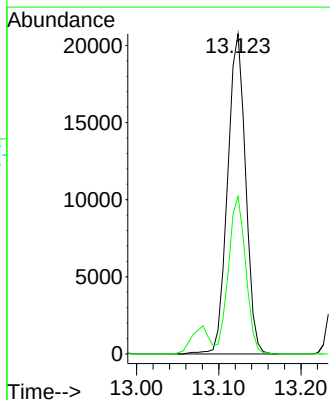
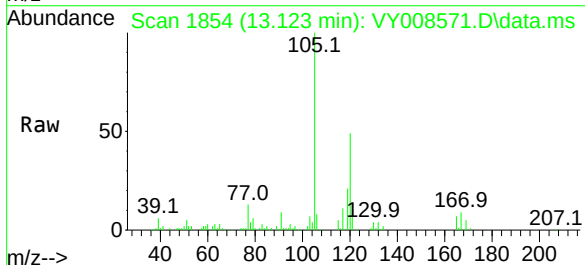
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

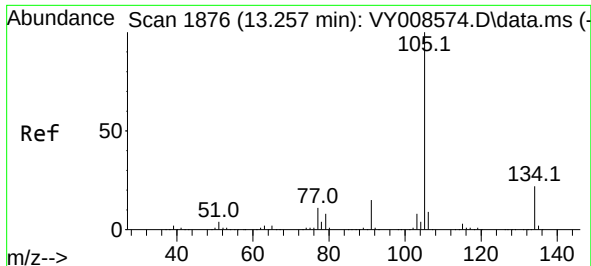
Tgt Ion:119 Resp: 28738
Ion Ratio Lower Upper
119 100
91 61.0 34.8 104.4
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 5.072 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:105 Resp: 31606
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9

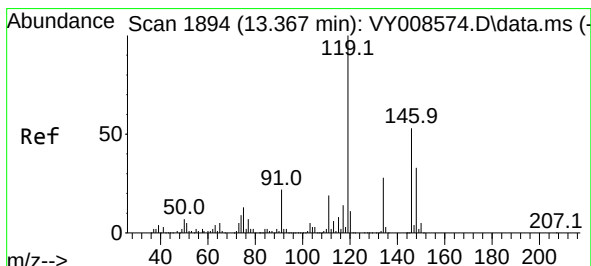
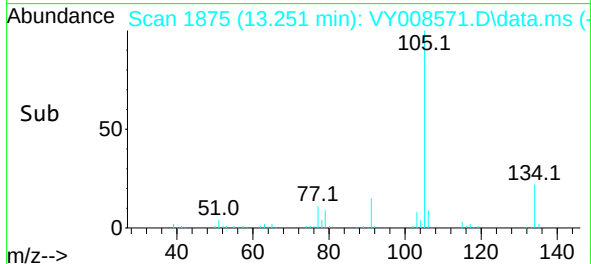
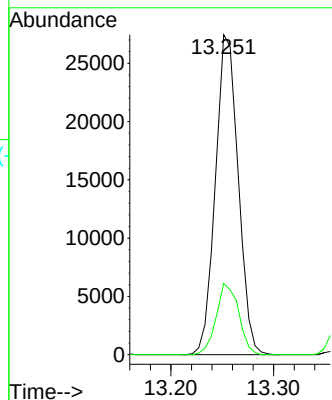
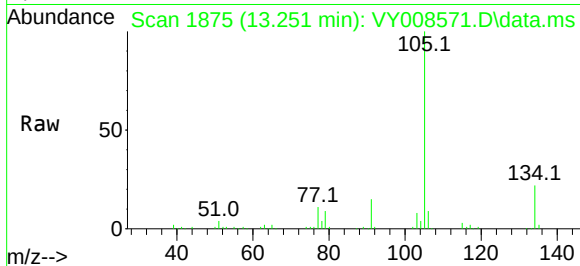




#85
 sec-Butylbenzene
 Concen: 5.108 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

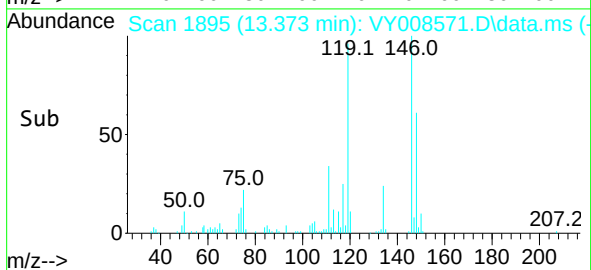
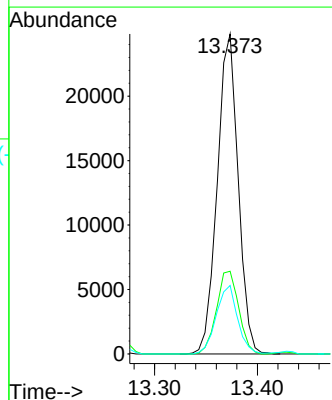
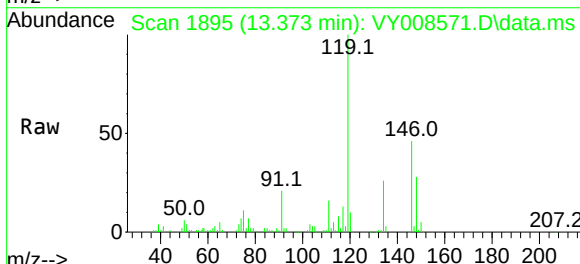
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

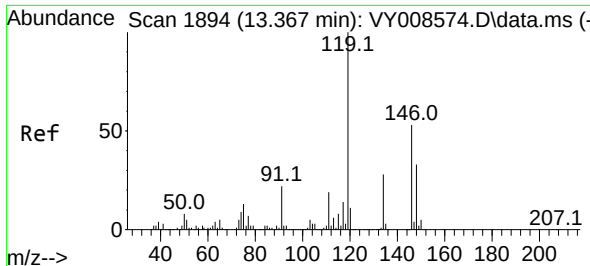
Tgt Ion:105 Resp: 42265
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 4.984 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

Tgt Ion:119 Resp: 35017
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 21.9 12.4 37.2

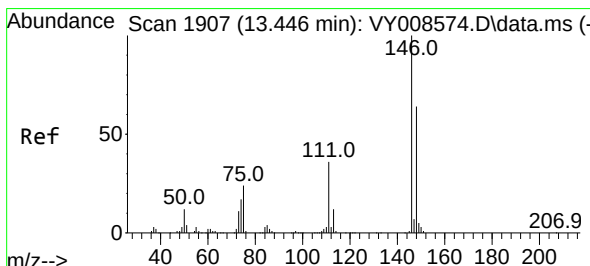
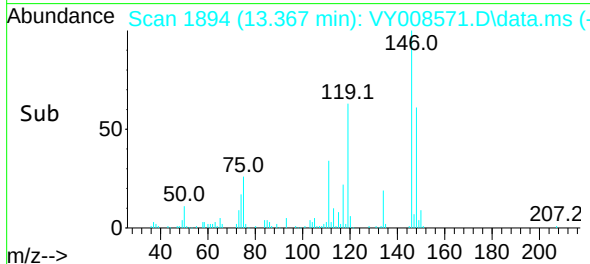
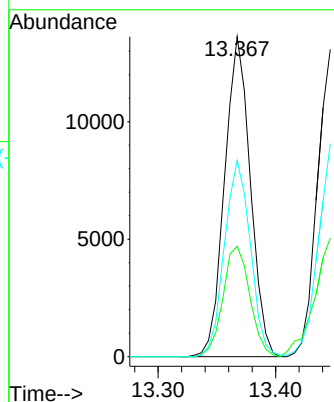
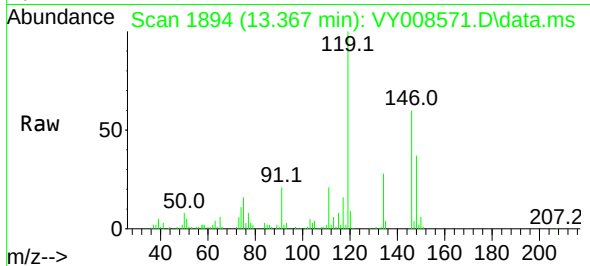




#87
 1,3-Dichlorobenzene
 Concen: 5.349 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

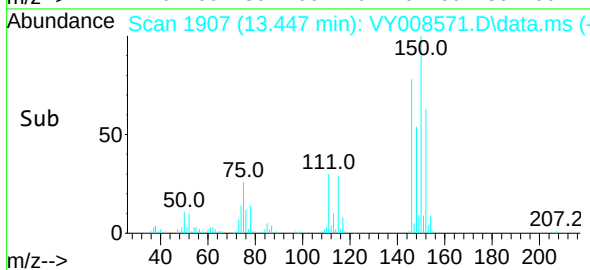
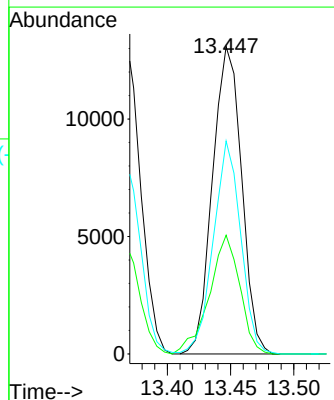
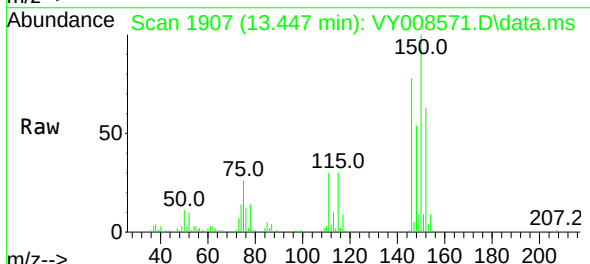
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

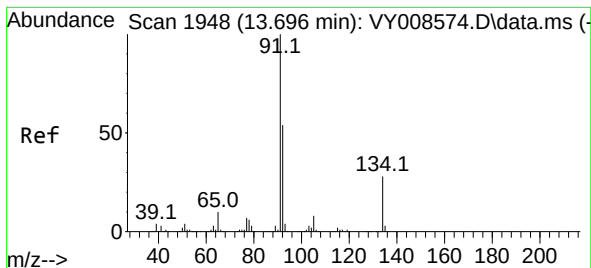
Tgt Ion:146 Resp: 20712
 Ion Ratio Lower Upper
 146 100
 111 36.0 19.5 58.5
 148 62.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 5.477 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008571.D
 Acq: 02 May 2022 15:03

Tgt Ion:146 Resp: 20918
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.3 57.8
 148 65.2 32.6 97.8





#89

n-Butylbenzene

Concen: 5.053 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

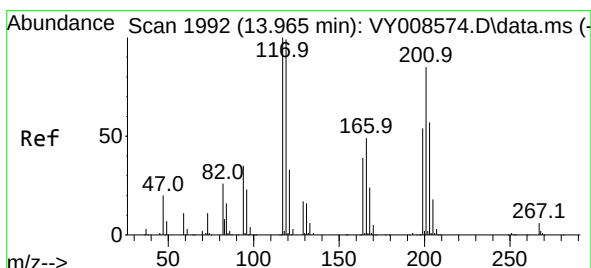
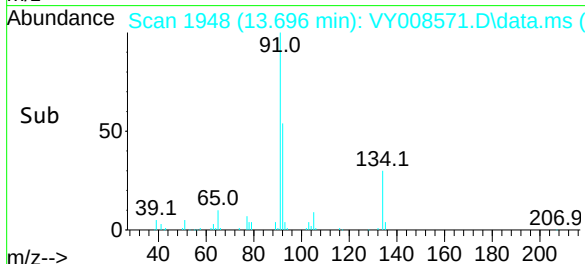
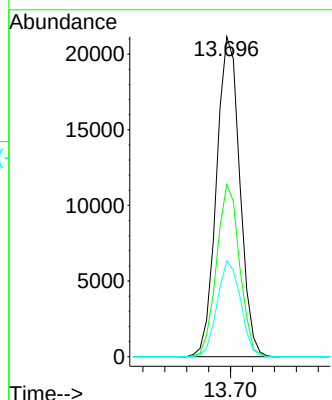
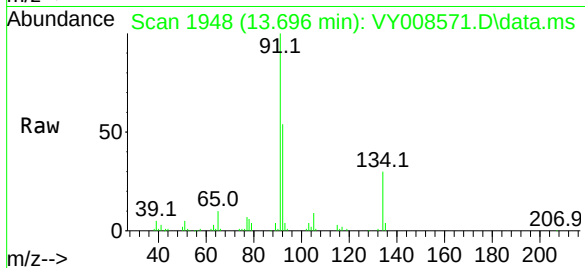
Tgt Ion: 91 Resp: 31269

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 30.0 13.0 38.9



#90

Hexachloroethane

Concen: 5.061 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY008571.D

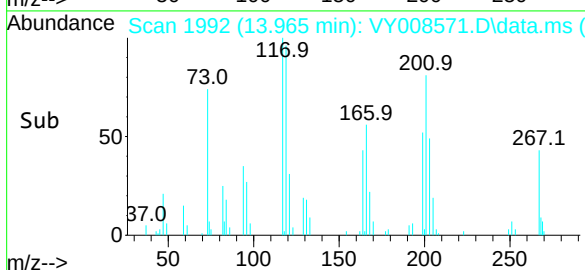
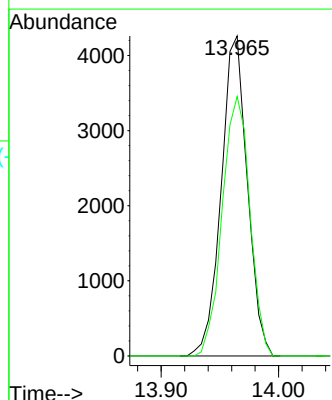
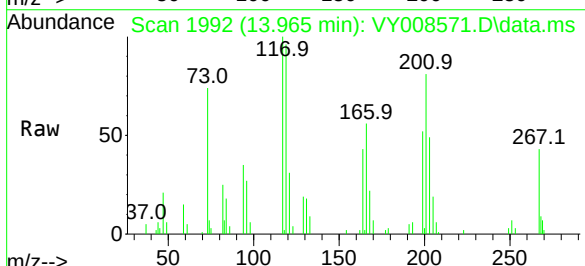
Acq: 02 May 2022 15:03

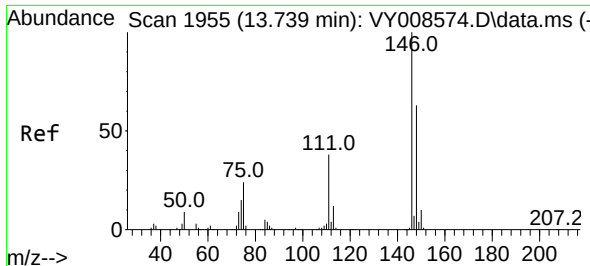
Tgt Ion: 117 Resp: 6585

Ion Ratio Lower Upper

117 100

201 85.5 43.0 128.8

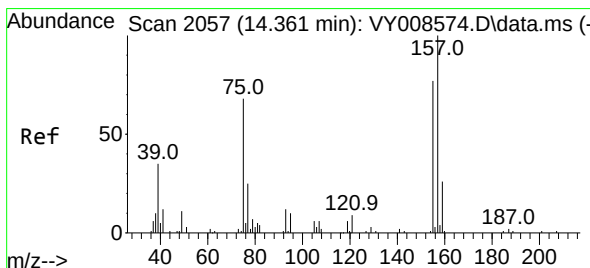
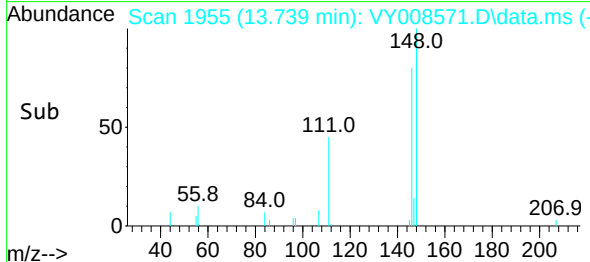
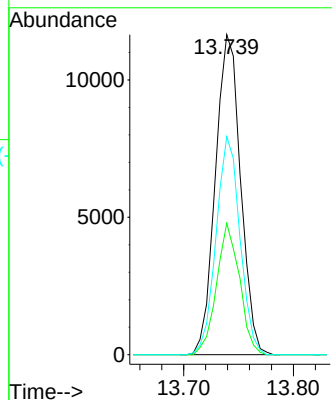
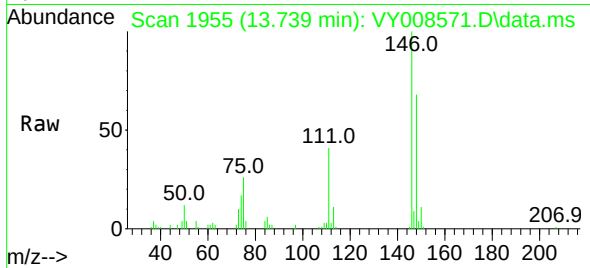




#91
1,2-Dichlorobenzene
Concen: 5.382 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

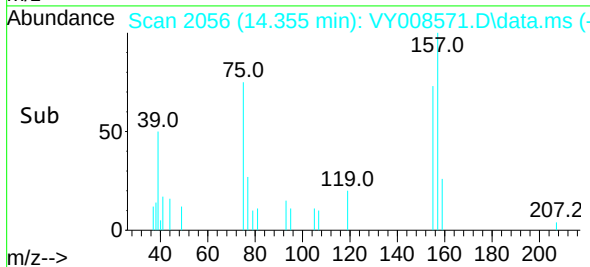
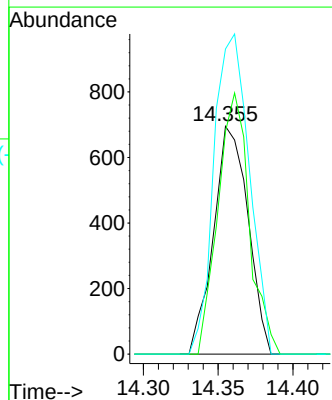
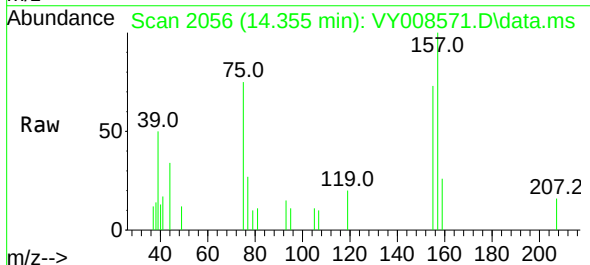
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

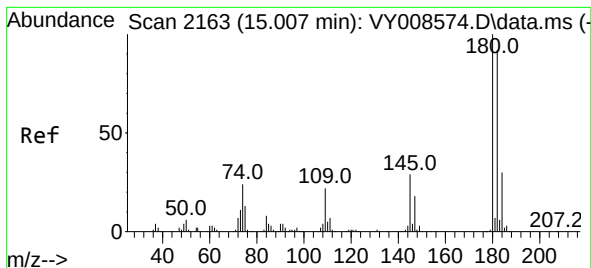
Tgt Ion:	146	Resp:	18596
Ion Ratio	Lower	Upper	
146	100		
111	37.4	20.3	60.9
148	64.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.767 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008571.D
Acq: 02 May 2022 15:03

Tgt Ion:	75	Resp:	1114
Ion Ratio	Lower	Upper	
75	100		
155	104.4	38.0	113.9
157	144.3	47.8	143.3#





#93

1,2,4-Trichlorobenzene

Concen: 5.269 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

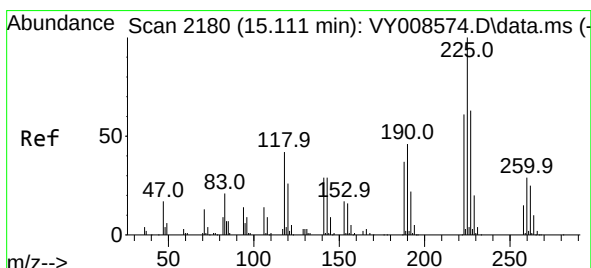
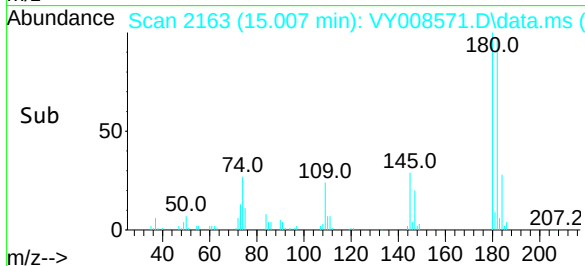
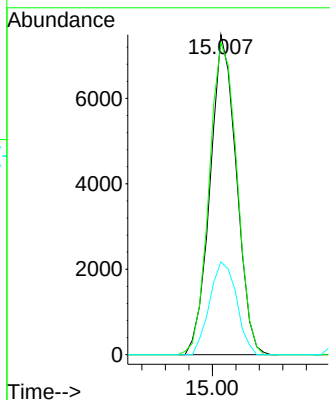
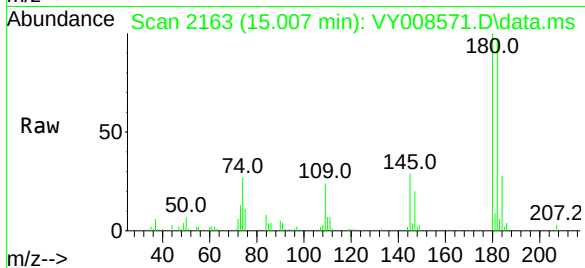
Tgt Ion:180 Resp: 11616

Ion Ratio Lower Upper

180 100

182 103.2 47.3 141.9

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.392 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

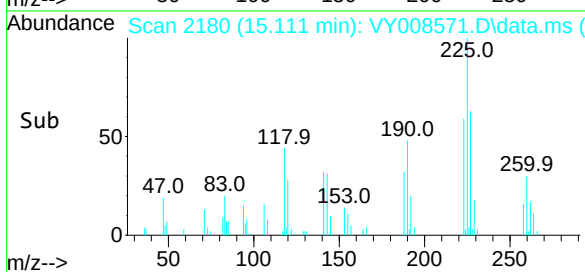
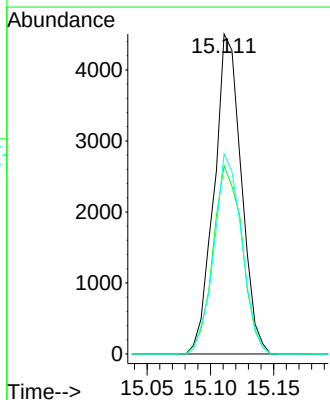
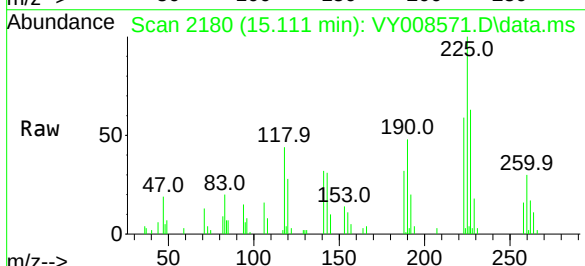
Tgt Ion:225 Resp: 6714

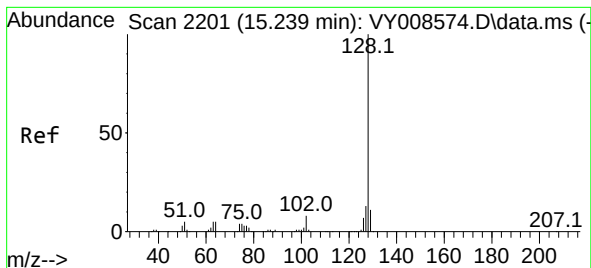
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 64.1 31.6 94.7





#95

Naphthalene

Concen: 4.918 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

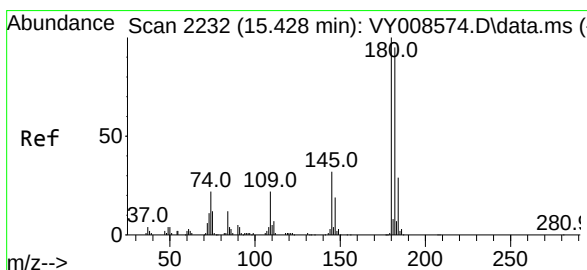
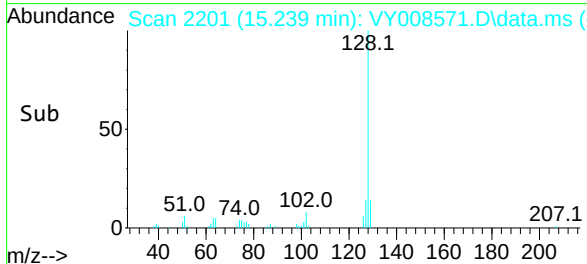
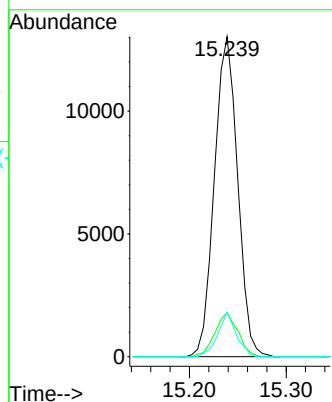
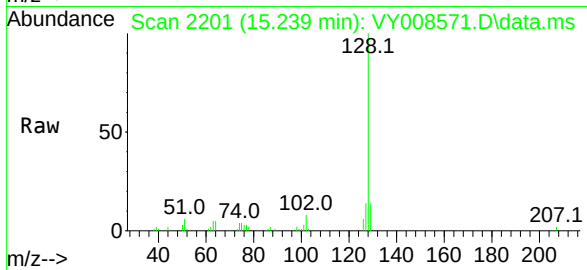
Tgt Ion:128 Resp: 21742

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 5.385 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY008571.D

Acq: 02 May 2022 15:03

Tgt Ion:180 Resp: 10538

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 32.2 15.3 45.9

