

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007564.D
 Acq On : 21 Feb 2022 12:32
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 21 14:20:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 14:18:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24057	21.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.400%#
35) Dibromofluoromethane	7.722	113	24160	23.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	46.600%#
50) Toluene-d8	10.179	98	83869	21.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	43.360%#
62) 4-Bromofluorobenzene	12.477	95	29432	22.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29113	25.033	ug/l	99
3) Chloromethane	2.113	50	24539	21.645	ug/l	100
4) Vinyl Chloride	2.253	62	25651	22.052	ug/l	99
5) Bromomethane	2.644	94	17994	22.100	ug/l	99
6) Chloroethane	2.790	64	15742	22.476	ug/l	99
7) Trichlorofluoromethane	3.125	101	54168	24.224	ug/l	90
8) Diethyl Ether	3.534	74	13859	21.971	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.893	101	27265	22.649	ug/l	96
10) Methyl Iodide	4.095	142	30747	20.578	ug/l	98
11) Tert butyl alcohol	4.966	59	10536	117.109	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	24141	21.708	ug/l	80
13) Acrolein	3.729	56	9980	114.463	ug/l	97
14) Allyl chloride	4.485	41	26099	17.343	ug/l #	74
15) Acrylonitrile	5.168	53	27157	99.945	ug/l	99
16) Acetone	3.948	43	26445	91.585	ug/l #	89
17) Carbon Disulfide	4.198	76	64080	20.283	ug/l	98
18) Methyl Acetate	4.473	43	12739	20.188	ug/l #	77
19) Methyl tert-butyl Ether	5.228	73	67485	21.825	ug/l	91
20) Methylene Chloride	4.716	84	26592	21.588	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	25502	21.198	ug/l #	79
22) Diisopropyl ether	6.119	45	54819	17.421	ug/l #	83
23) Vinyl Acetate	6.058	43	186597	92.119	ug/l #	87
24) 1,1-Dichloroethane	6.027	63	39315	19.490	ug/l	96
25) 2-Butanone	6.984	43	32544	91.079	ug/l #	72
26) 2,2-Dichloropropane	6.984	77	42815	20.857	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	27974	20.741	ug/l	81
28) Bromochloromethane	7.338	49	12741	16.899	ug/l #	16
29) Tetrahydrofuran	7.344	42	19994	94.474	ug/l #	66
30) Chloroform	7.509	83	48786	21.931	ug/l	97
31) Cyclohexane	7.783	56	34519	17.848	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	48816	22.981	ug/l	94
36) 1,1-Dichloropropene	7.923	75	34425	21.074	ug/l	96
37) Ethyl Acetate	7.070	43	14511	19.947	ug/l #	89
38) Carbon Tetrachloride	7.899	117	44950	23.590	ug/l	95
39) Methylcyclohexane	9.185	83	43124	20.456	ug/l #	84
40) Benzene	8.161	78	90246	20.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	19567	42.248	ug/l #	49
42) 1,2-Dichloroethane	8.240	62	30711	22.062	ug/l	96
43) Isopropyl Acetate	8.271	43	28588	19.253	ug/l #	82
44) Trichloroethene	8.941	130	29245	22.575	ug/l	93
45) 1,2-Dichloropropane	9.216	63	20692	19.576	ug/l	98
46) Dibromomethane	9.307	93	15592	22.958	ug/l	97
47) Bromodichloromethane	9.496	83	36258	22.121	ug/l	98
48) Methyl methacrylate	9.289	41	11776	17.997	ug/l #	66
49) 1,4-Dioxane	9.301	88	3699	508.704	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	71271	97.033	ug/l #	83
52) Toluene	10.246	92	60508	20.962	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	37253	22.061	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	39842	21.162	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	21068	23.639	ug/l	90
56) Ethyl methacrylate	10.508	69	25630	21.665	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	33044	21.718	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	60333	98.182	ug/l #	83
59) 2-Hexanone	10.831	43	50767	96.713	ug/l	85
60) Dibromochloromethane	10.984	129	27172	23.729	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20451	22.804	ug/l	98
64) Tetrachloroethene	10.721	164	27111	22.579	ug/l	98
65) Chlorobenzene	11.514	112	68073	20.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26731	21.321	ug/l	99
67) Ethyl Benzene	11.593	91	120837	19.804	ug/l	98
68) m/p-Xylenes	11.703	106	90204	38.978	ug/l	98
69) o-Xylene	12.026	106	44375	20.228	ug/l	99
70) Styrene	12.044	104	73536	20.392	ug/l	98
71) Bromoform	12.209	173	16997	24.218	ug/l #	95
73) Isopropylbenzene	12.331	105	124648	20.088	ug/l	98
74) N-amyl acetate	12.142	43	23783	17.314	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	21925	20.692	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	29194	35.462	ug/l #	100
77) Bromobenzene	12.605	156	29474	21.868	ug/l	85
78) n-propylbenzene	12.672	91	144540	19.497	ug/l	98
79) 2-Chlorotoluene	12.758	91	80836	19.771	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	102605	19.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7387	19.253	ug/l #	88
82) 4-Chlorotoluene	12.855	91	81076	19.323	ug/l	97
83) tert-Butylbenzene	13.075	119	93138	20.611	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	100212	20.012	ug/l	99
85) sec-Butylbenzene	13.251	105	132732	20.031	ug/l	99
86) p-Isopropyltoluene	13.367	119	112699	20.563	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53408	20.448	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	52693	20.264	ug/l	98
89) n-Butylbenzene	13.696	91	101368	19.542	ug/l	99
90) Hexachloroethane	13.959	117	21517	20.315	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	48117	20.784	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4326	23.454	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	32140	22.817	ug/l	97
94) Hexachlorobutadiene	15.111	225	19976	24.245	ug/l	100
95) Naphthalene	15.233	128	68029	22.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28652	23.503	ug/l	97

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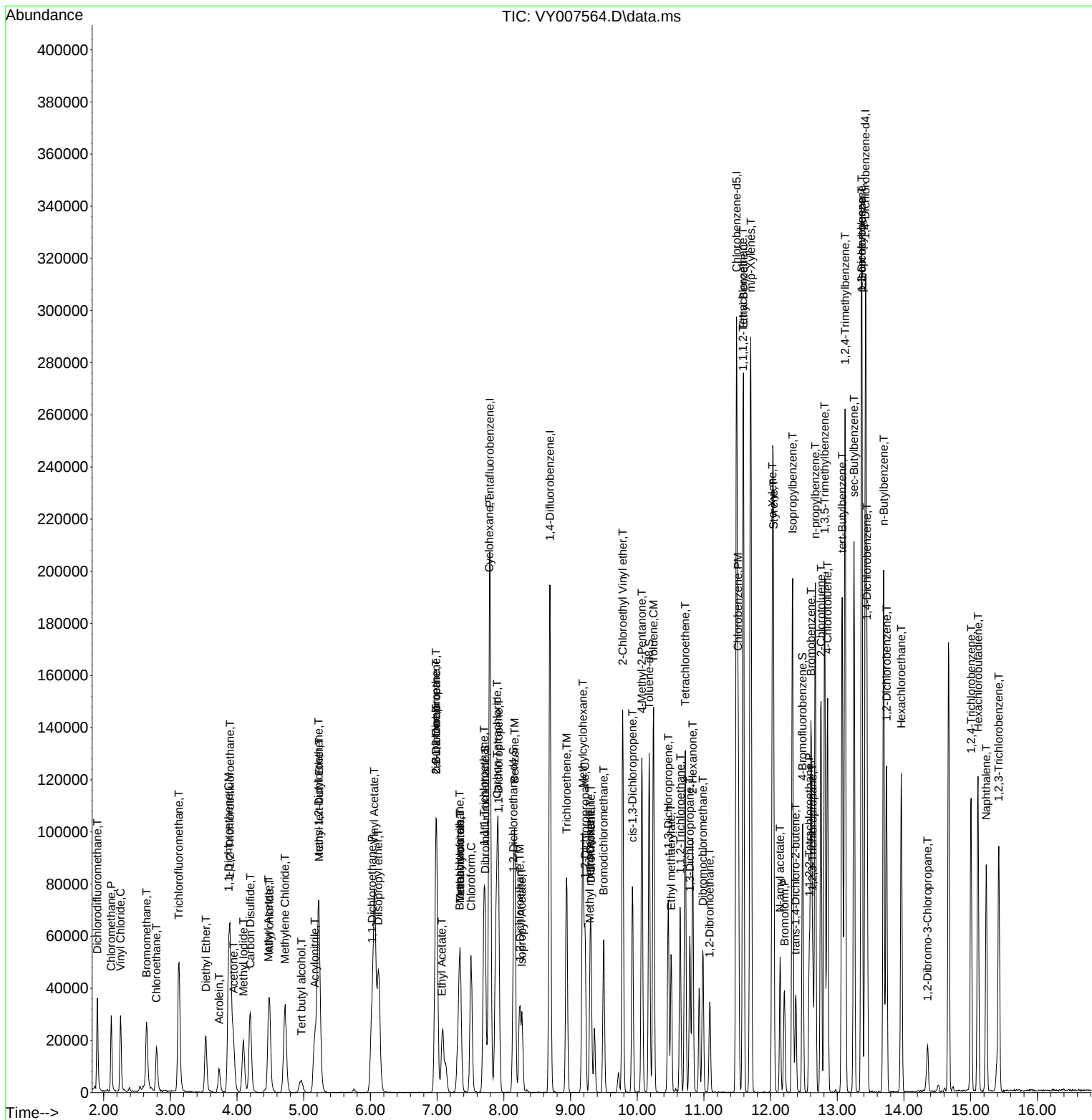
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

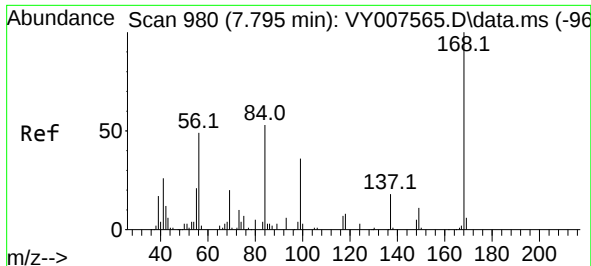
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Quant Title : SW846 8260
QLast Update : Mon Feb 21 14:18:18 2022
Response via : Initial Calibration

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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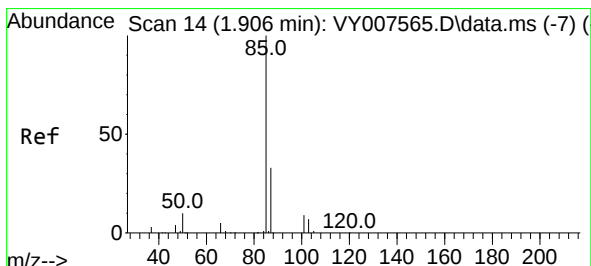
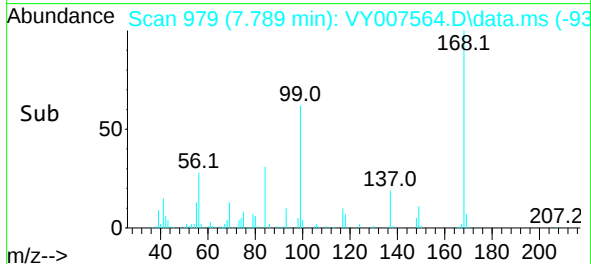
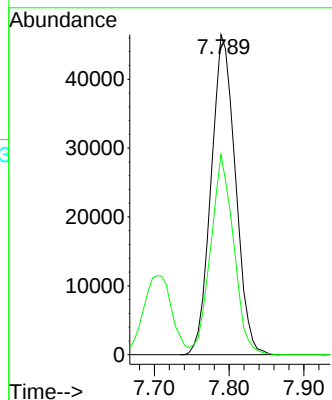
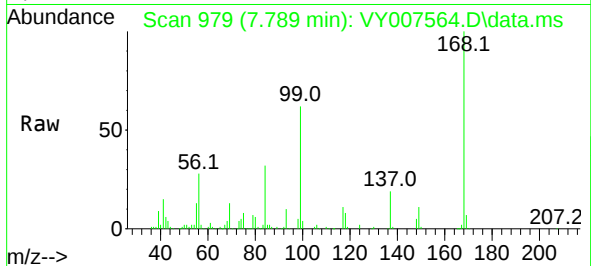




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007564.D
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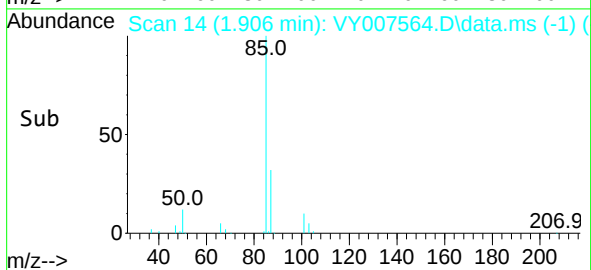
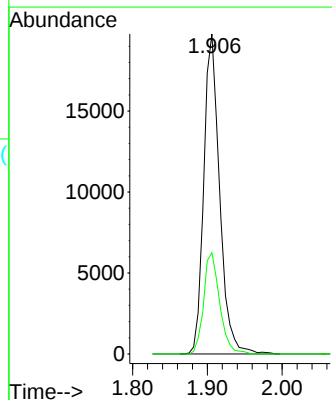
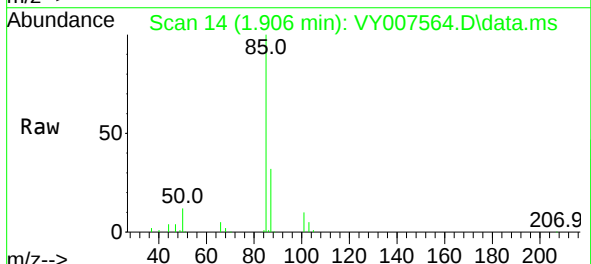
Instrument :
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VSTDIC020

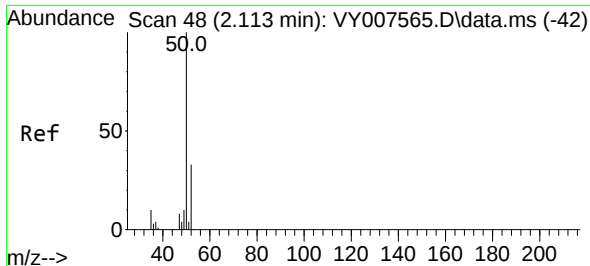
Tgt Ion:168 Resp: 104813
Ion Ratio Lower Upper
168 100
99 62.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 25.033 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 85 Resp: 29113
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

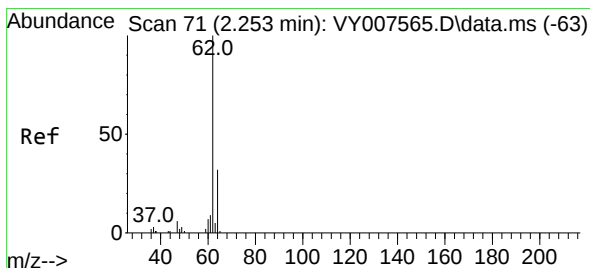
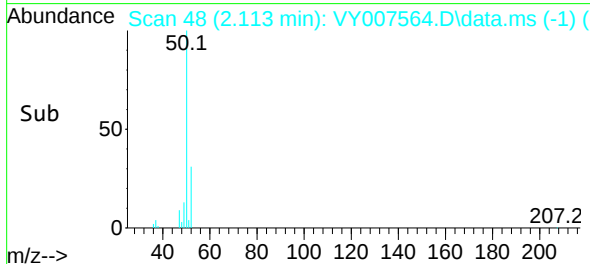
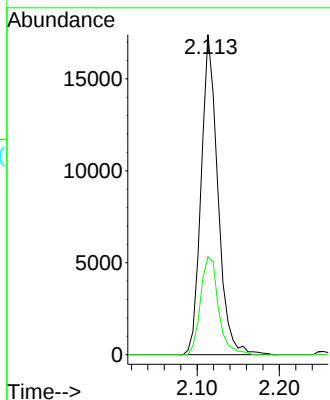
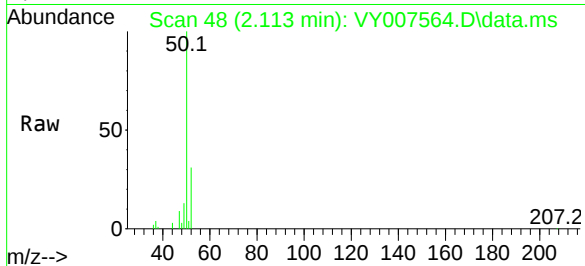




#3
Chloromethane
Concen: 21.645 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

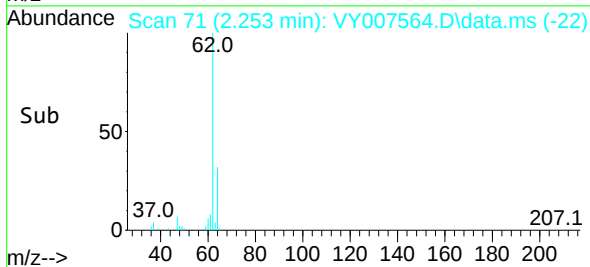
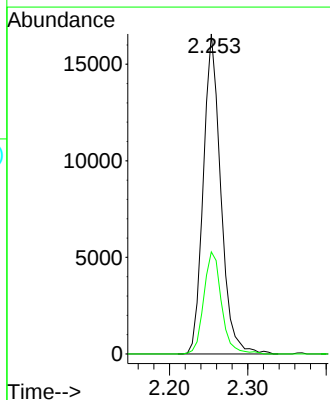
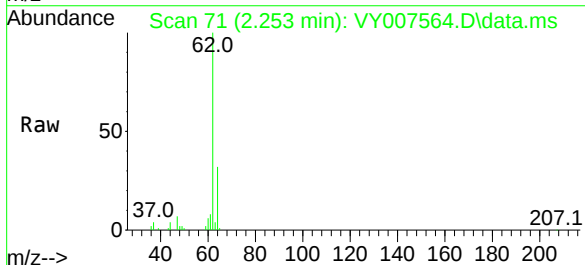
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ClientSampleId :
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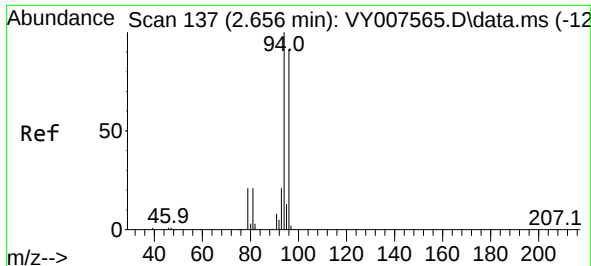
Tgt Ion: 50 Resp: 24539
Ion Ratio Lower Upper
50 100
52 30.6 24.6 37.0



#4
Vinyl Chloride
Concen: 22.052 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 62 Resp: 25651
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6

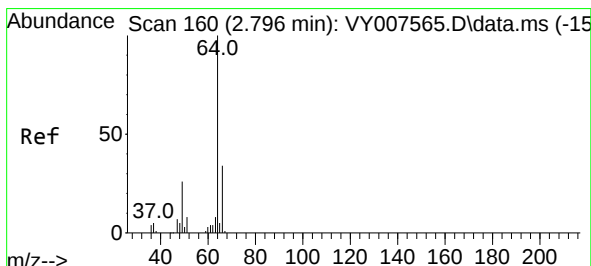
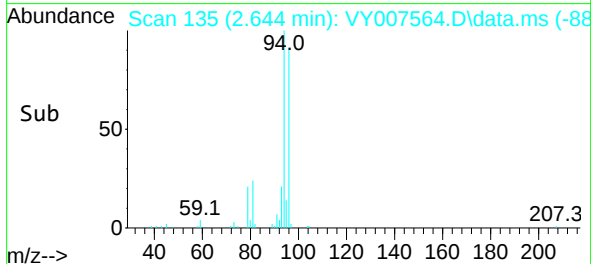
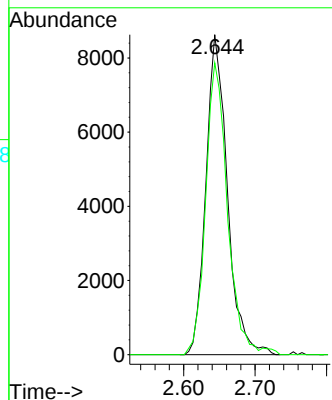
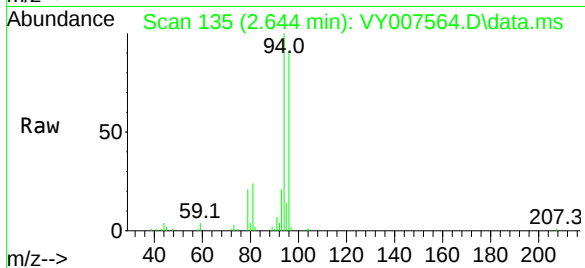




#5
Bromomethane
Concen: 22.100 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

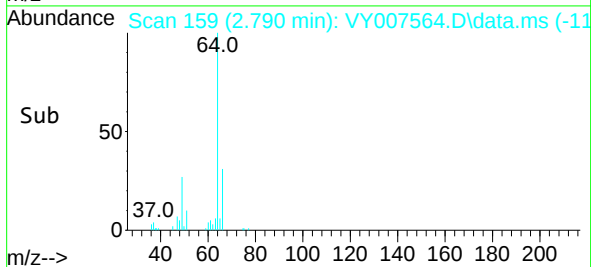
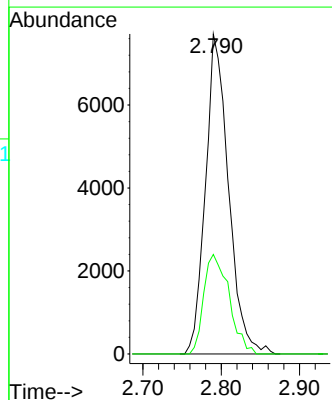
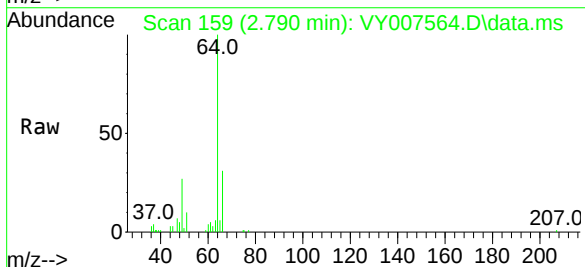
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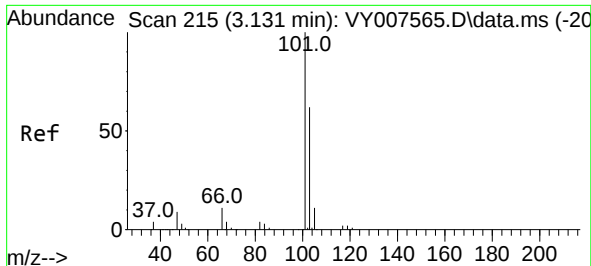
Tgt Ion: 94 Resp: 17994
Ion Ratio Lower Upper
94 100
96 91.2 73.5 110.3



#6
Chloroethane
Concen: 22.476 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007564.D
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Tgt Ion: 64 Resp: 15742
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0

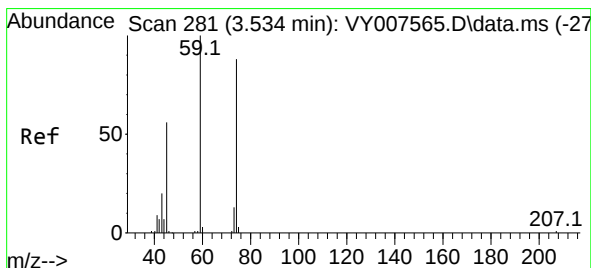
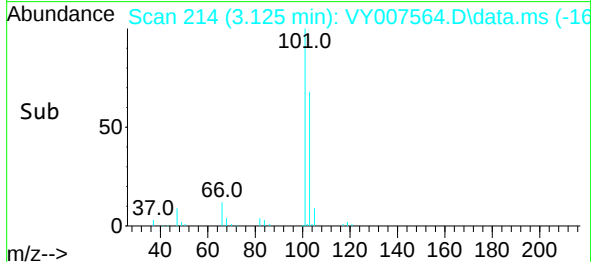
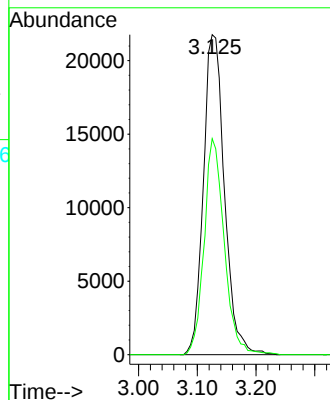
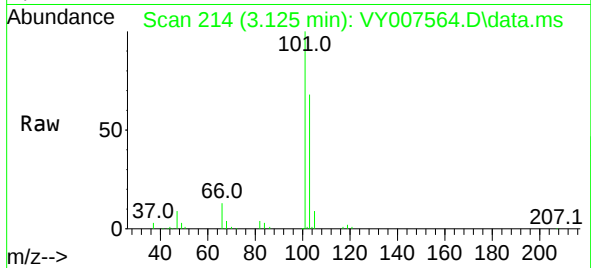




#7
Trichlorofluoromethane
Concen: 24.224 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

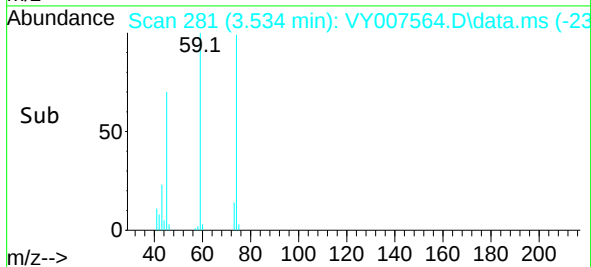
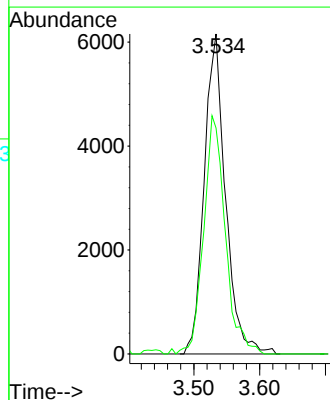
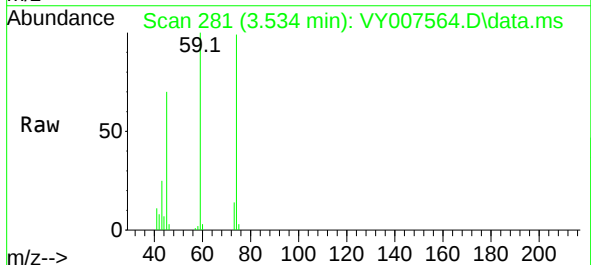
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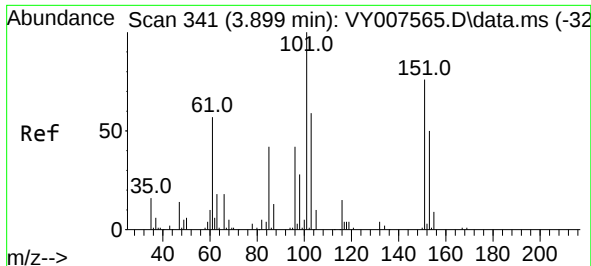
Tgt Ion:101 Resp: 54168
Ion Ratio Lower Upper
101 100
103 67.5 48.0 72.0



#8
Diethyl Ether
Concen: 21.971 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY007564.D
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Tgt Ion: 74 Resp: 13859
Ion Ratio Lower Upper
74 100
45 75.6 55.1 165.5

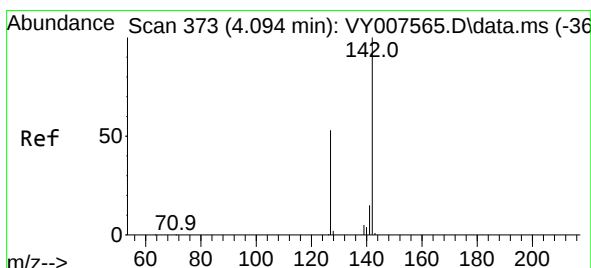
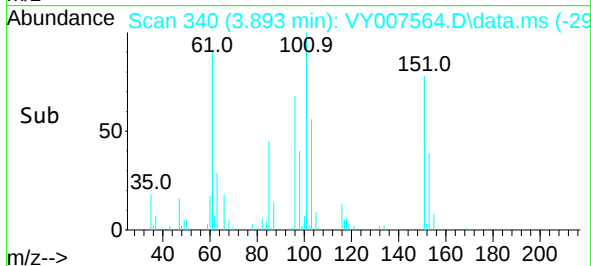
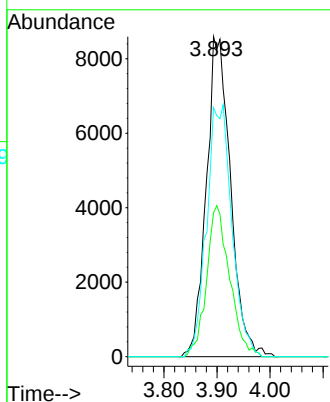
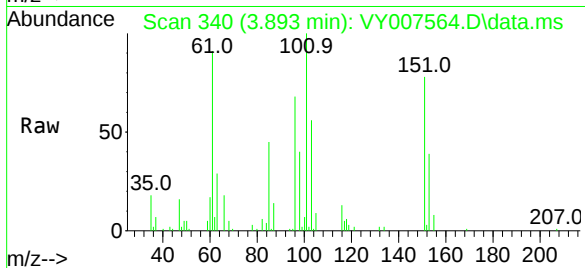




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.649 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

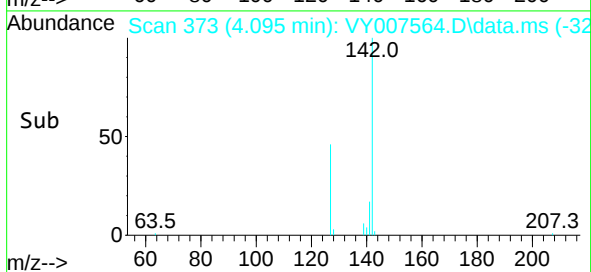
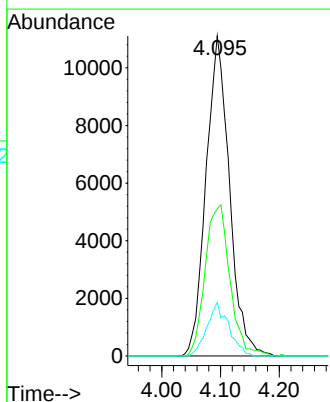
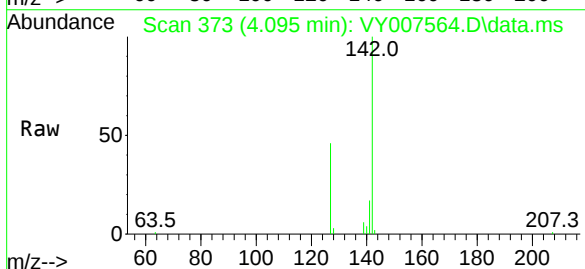
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

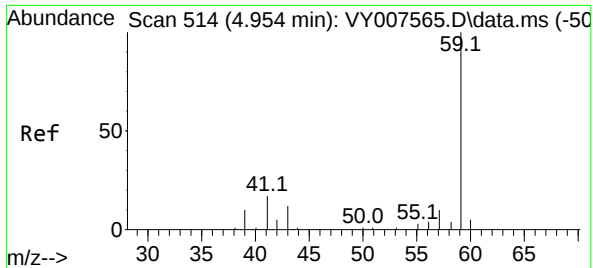
Tgt Ion:101	Resp:	27265
Ion	Ratio	Lower Upper
101	100	
85	45.0	40.6 60.8
151	82.0	64.9 97.3



#10
Methyl Iodide
Concen: 20.578 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:142	Resp:	30747
Ion	Ratio	Lower Upper
142	100	
127	50.0	41.5 62.3
141	15.5	11.9 17.9

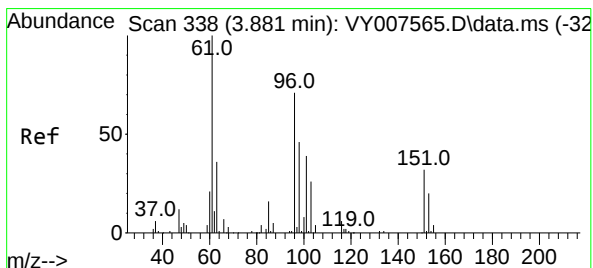
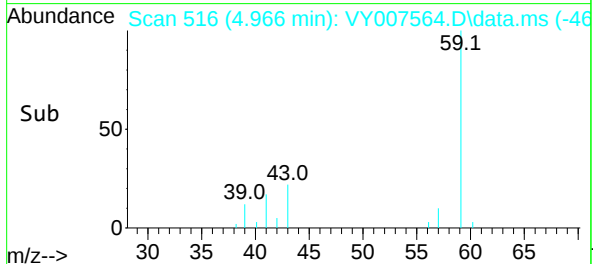
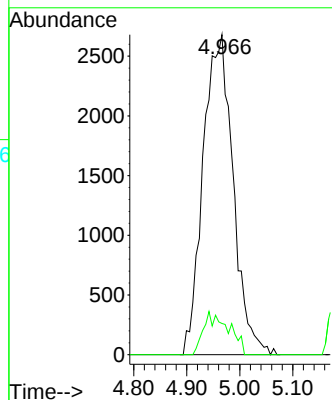
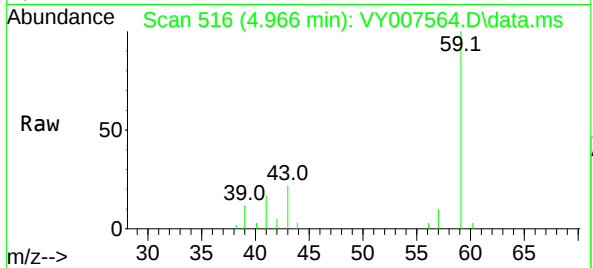




#11
Tert butyl alcohol
Concen: 117.109 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

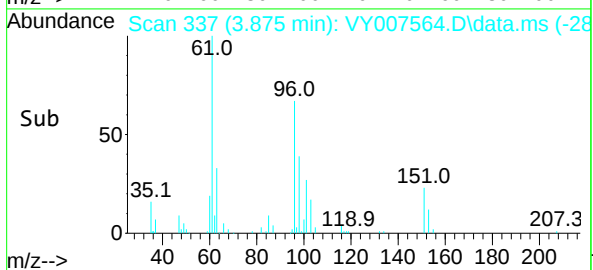
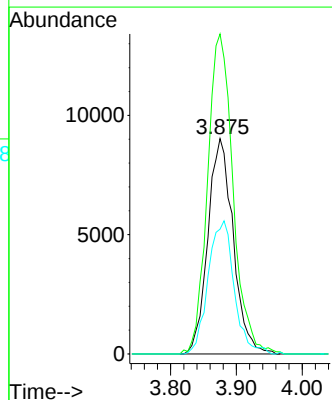
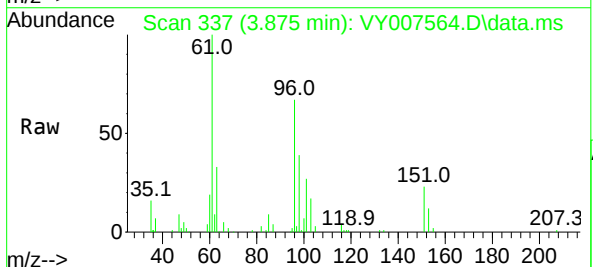
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

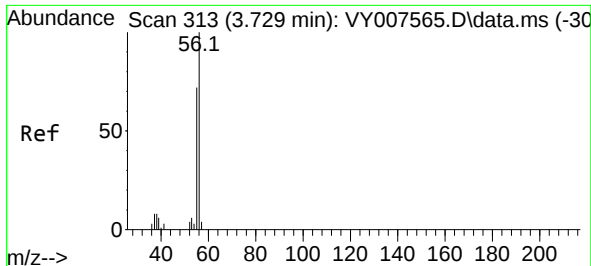
Tgt Ion: 59 Resp: 10536
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 21.708 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 96 Resp: 24141
Ion Ratio Lower Upper
96 100
61 148.5 145.8 218.6
98 57.9 52.5 78.7

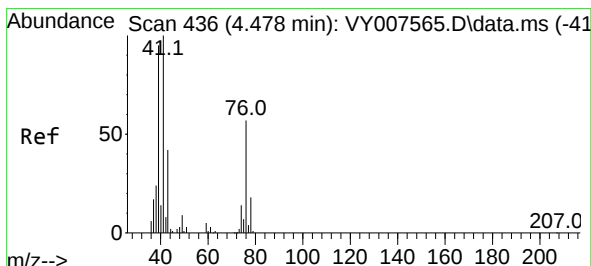
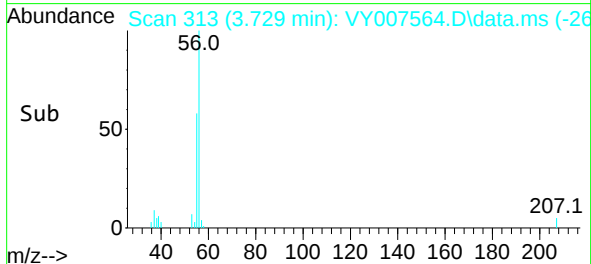
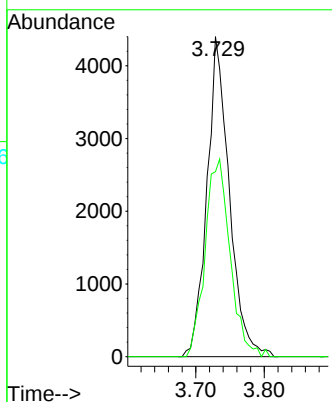
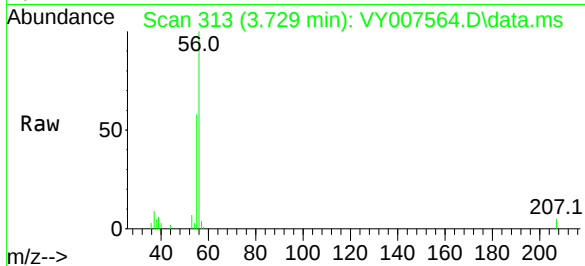




#13
Acrolein
Concen: 114.463 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

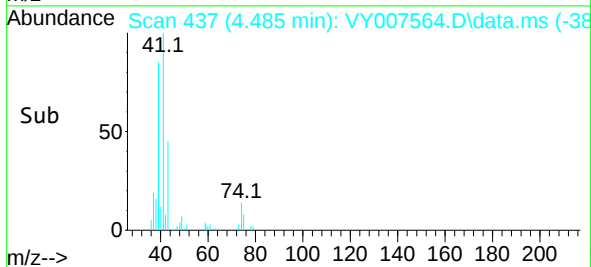
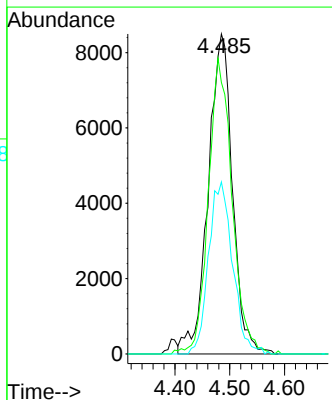
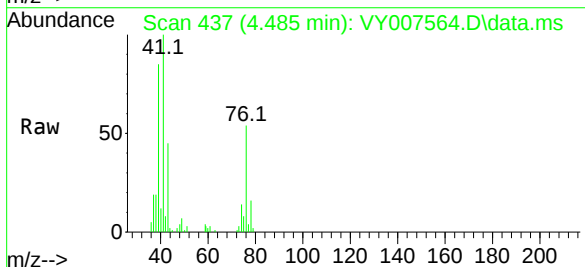
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

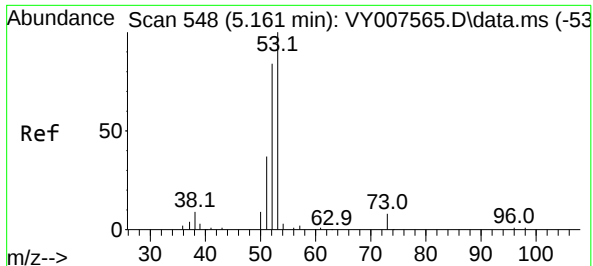
Tgt Ion: 56 Resp: 9980
Ion Ratio Lower Upper
56 100
55 69.1 57.6 86.4



#14
Allyl chloride
Concen: 17.343 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 41 Resp: 26099
Ion Ratio Lower Upper
41 100
39 90.7 58.8 88.2#
76 53.1 25.1 37.7#

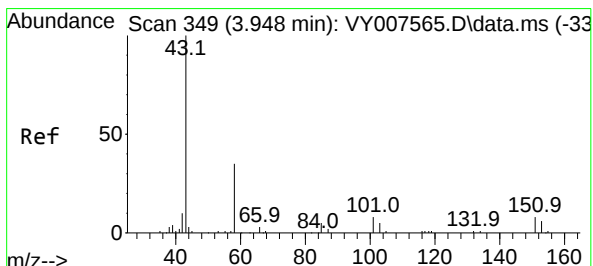
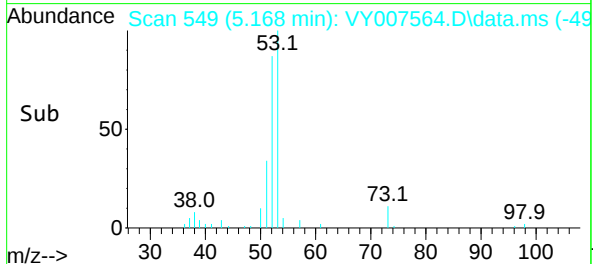
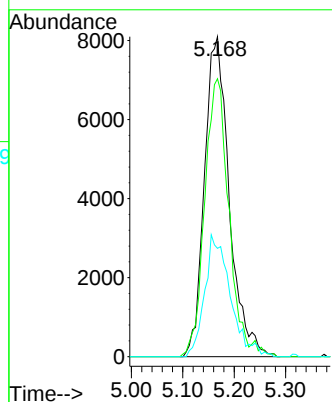
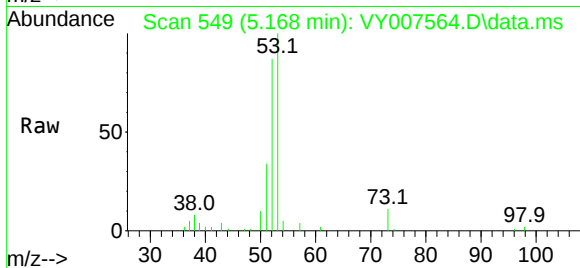




#15
Acrylonitrile
Concen: 99.945 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

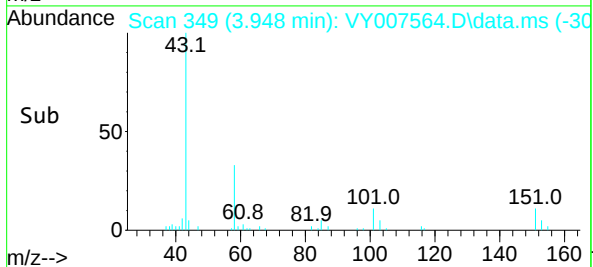
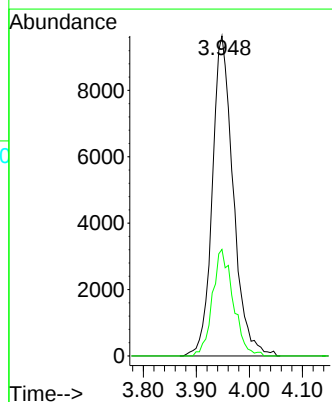
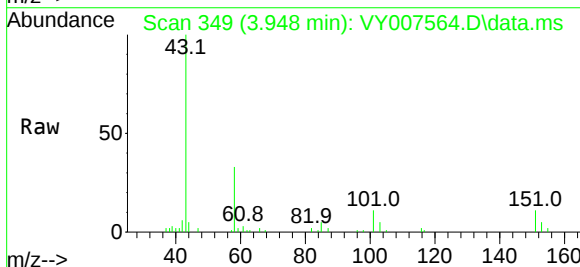
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

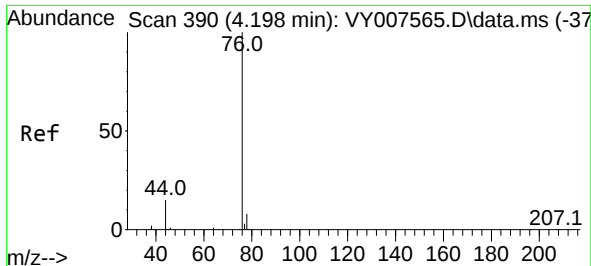
Tgt Ion:	53	Resp:	27157
Ion	Ratio	Lower	Upper
53	100		
52	85.1	67.0	100.4
51	38.0	29.8	44.6



#16
Acetone
Concen: 91.585 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:	43	Resp:	26445
Ion	Ratio	Lower	Upper
43	100		
58	33.3	22.0	33.0#

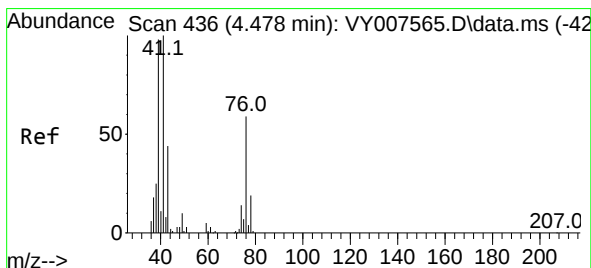
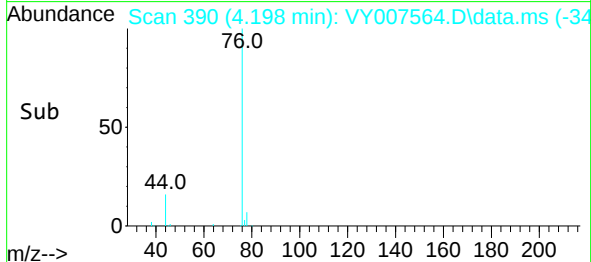
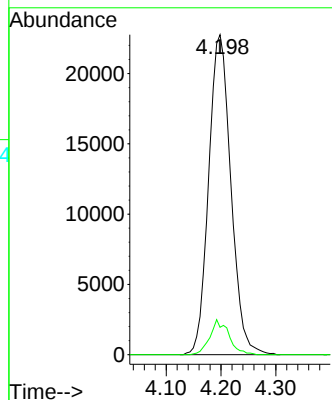
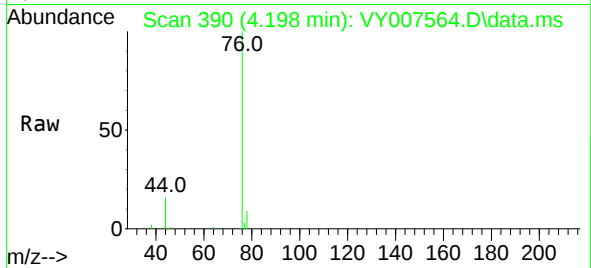




#17
Carbon Disulfide
Concen: 20.283 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

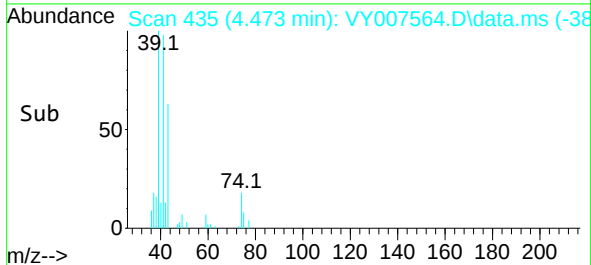
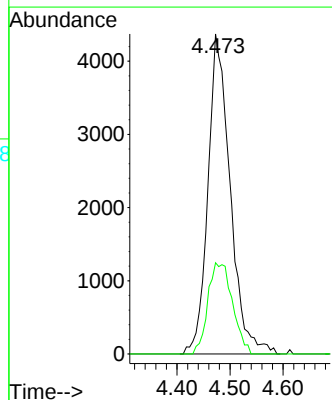
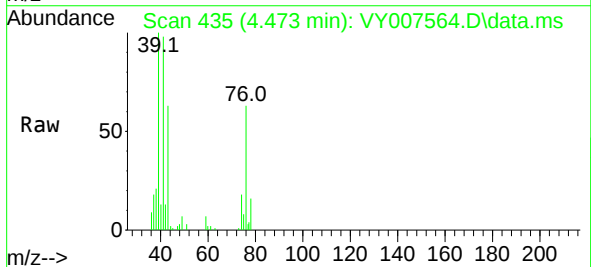
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

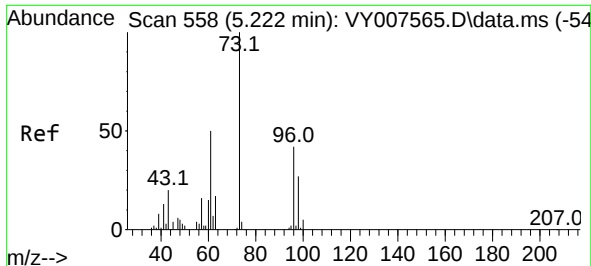
Tgt Ion: 76 Resp: 64080
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.188 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 43 Resp: 12739
Ion Ratio Lower Upper
43 100
74 31.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 21.825 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

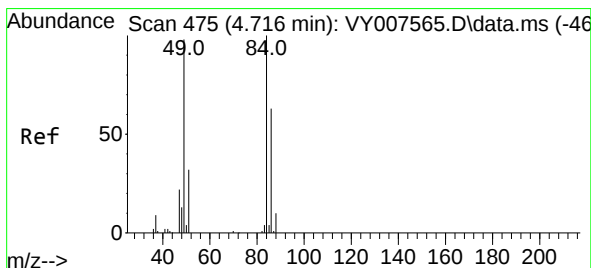
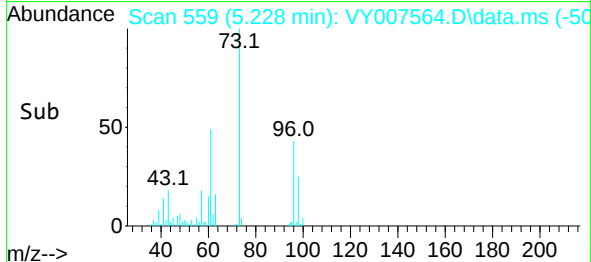
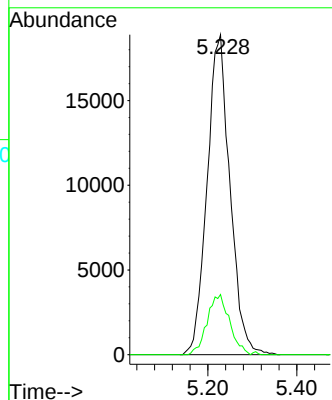
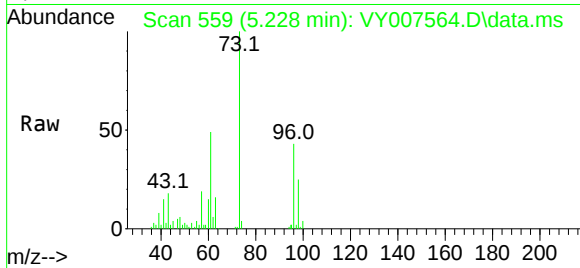
VSTDIC020

Tgt Ion: 73 Resp: 67485

Ion Ratio Lower Upper

73 100

57 18.8 18.6 27.8



#20

Methylene Chloride

Concen: 21.588 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Tgt Ion: 84 Resp: 26592

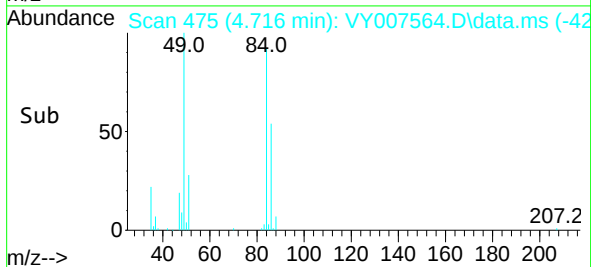
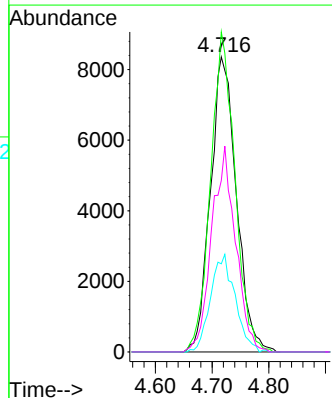
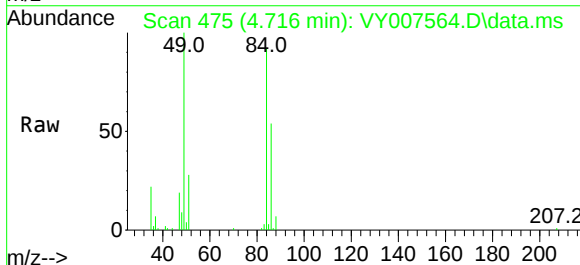
Ion Ratio Lower Upper

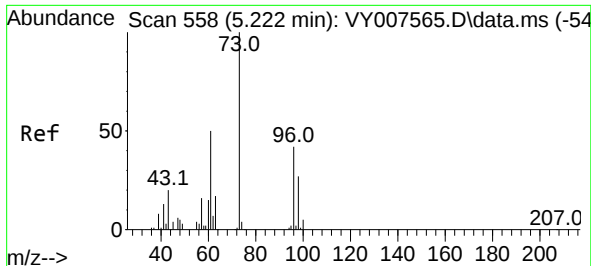
84 100

49 108.4 114.4 171.6#

51 29.9 35.3 52.9#

86 58.1 53.7 80.5

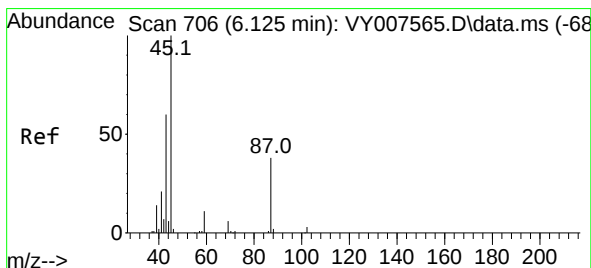
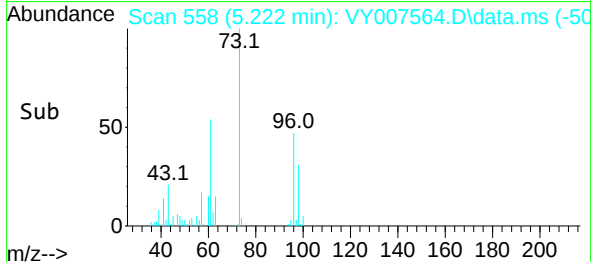
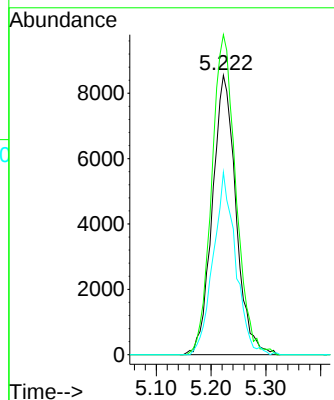
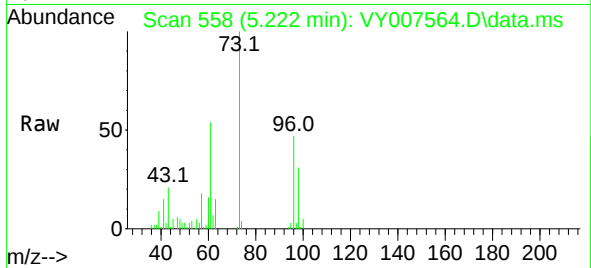




#21
trans-1,2-Dichloroethene
Concen: 21.198 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

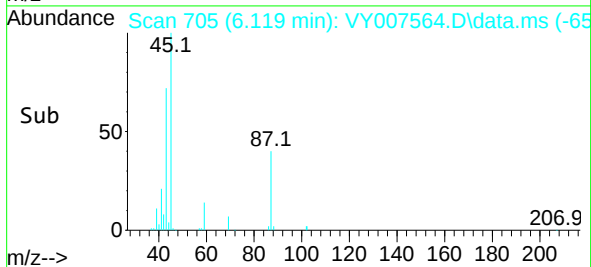
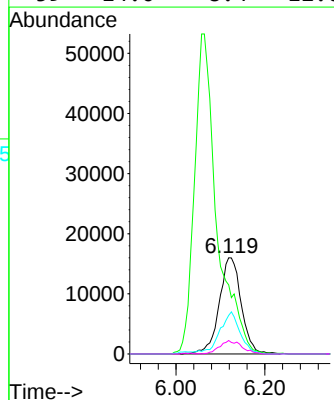
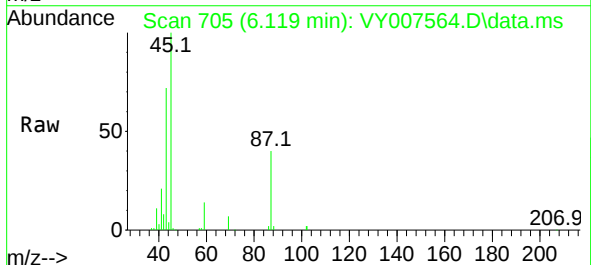
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

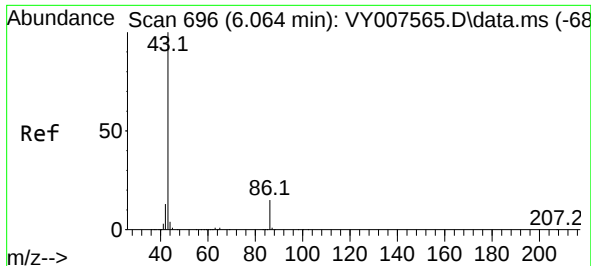
Tgt Ion: 96 Resp: 25502
Ion Ratio Lower Upper
96 100
61 114.5 120.5 180.7#
98 65.3 49.8 74.8



#22
Diisopropyl ether
Concen: 17.421 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 45 Resp: 54819
Ion Ratio Lower Upper
45 100
43 71.1 49.3 73.9
87 40.0 19.2 28.8#
59 14.0 8.4 12.6#

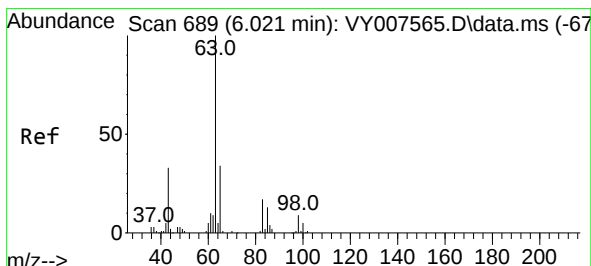
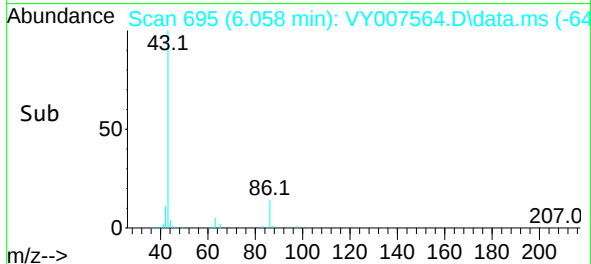
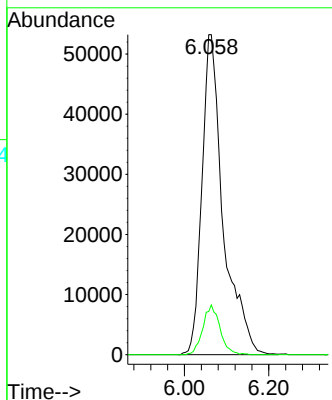
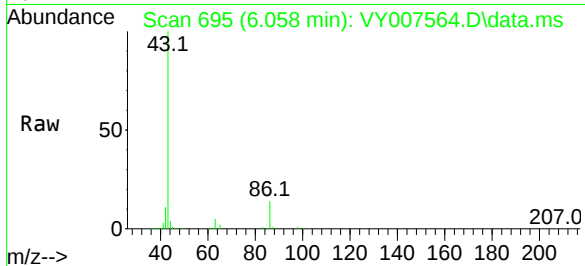




#23
 Vinyl Acetate
 Concen: 92.119 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

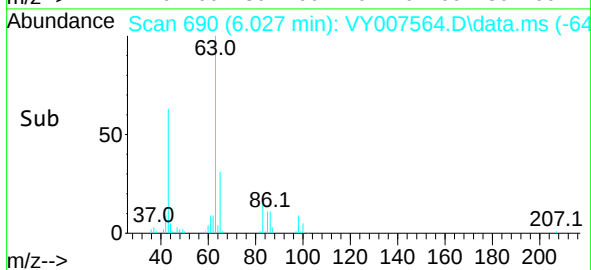
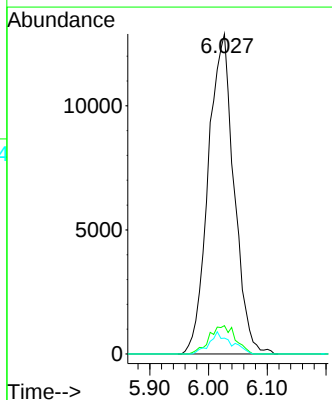
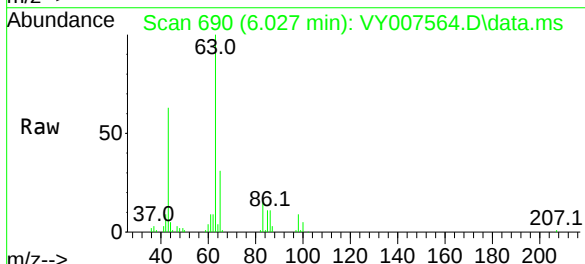
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

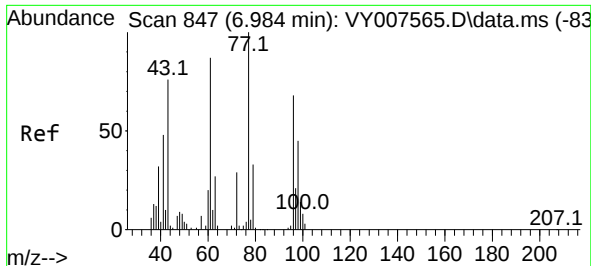
Tgt Ion: 43 Resp: 186597
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.490 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

Tgt Ion: 63 Resp: 39315
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 91.079 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

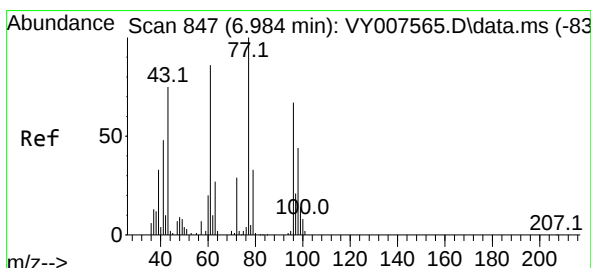
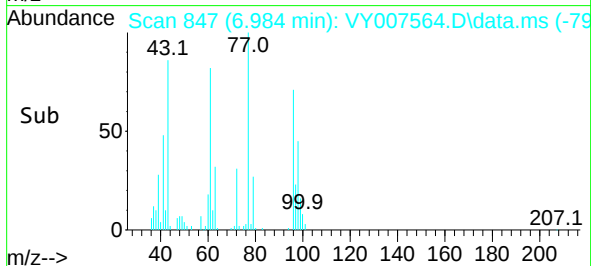
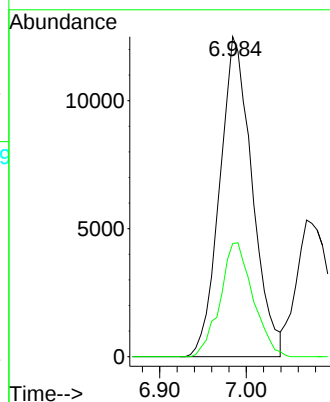
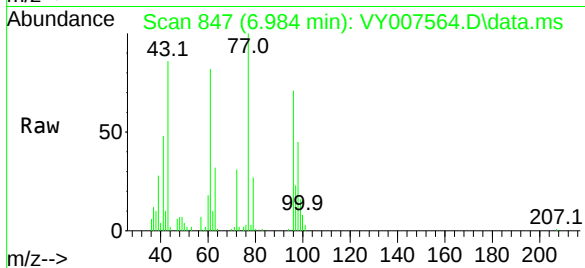
VSTDICC020

Tgt Ion: 43 Resp: 32544

Ion Ratio Lower Upper

43 100

72 35.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 20.857 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007564.D

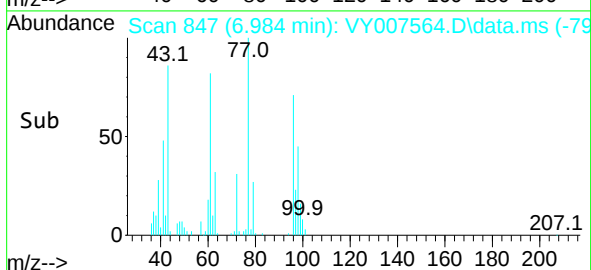
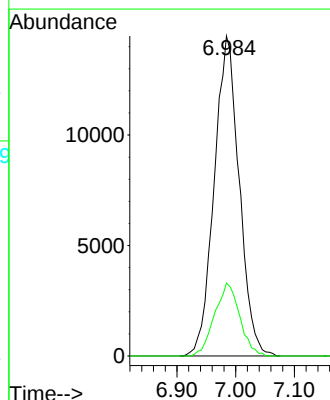
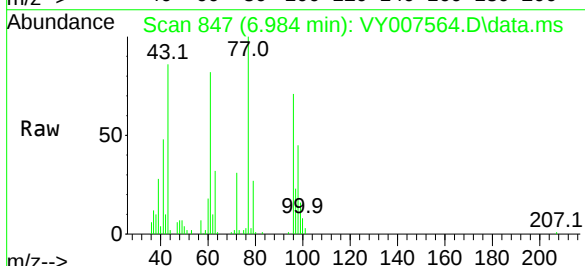
Acq: 21 Feb 2022 12:32

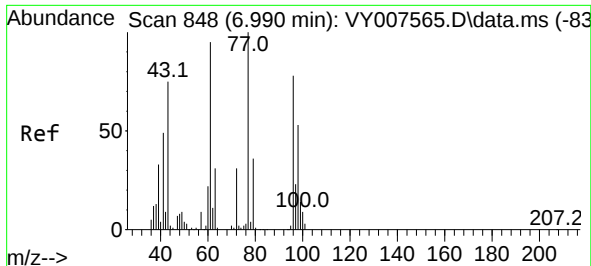
Tgt Ion: 77 Resp: 42815

Ion Ratio Lower Upper

77 100

97 22.9 10.4 31.4

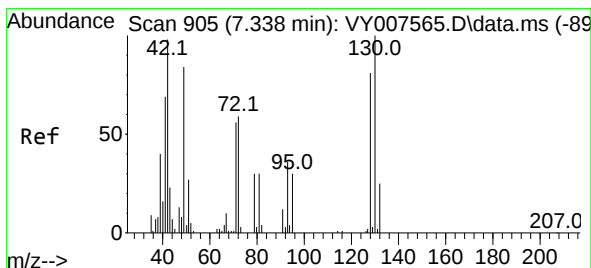
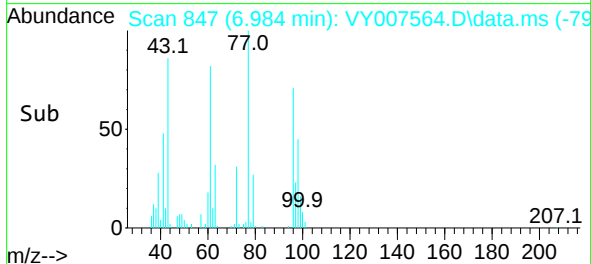
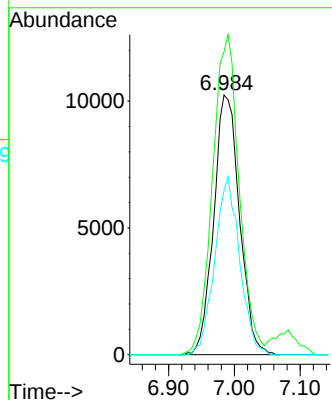
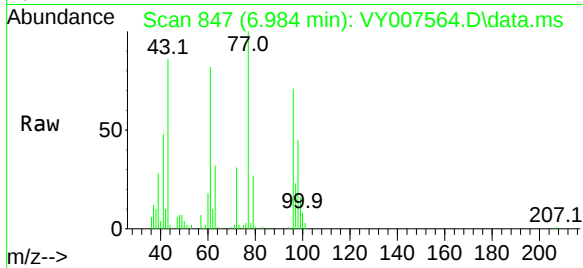




#27
 cis-1,2-Dichloroethene
 Concen: 20.741 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

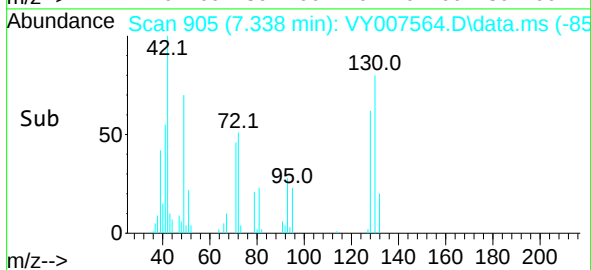
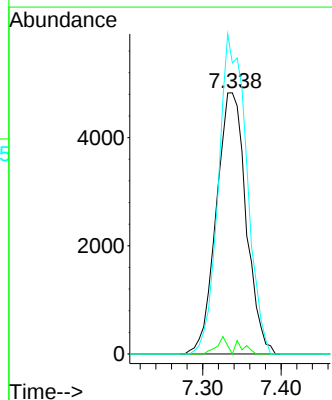
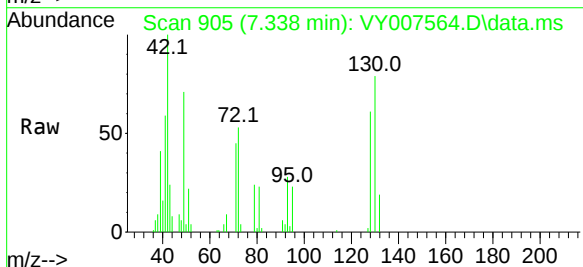
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

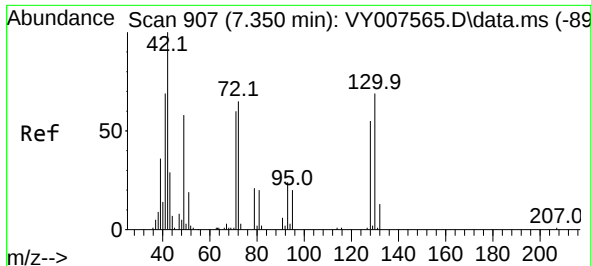
Tgt Ion: 96 Resp: 27974
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 319.8
 98 66.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 16.899 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

Tgt Ion: 49 Resp: 12741
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 2.2
 130 0.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 94.474 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

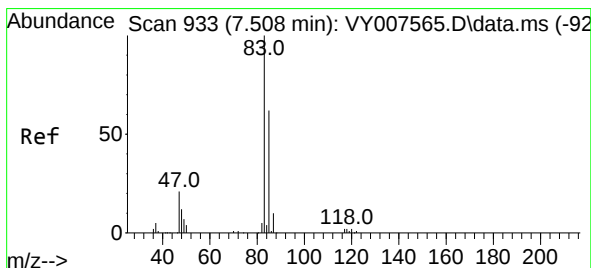
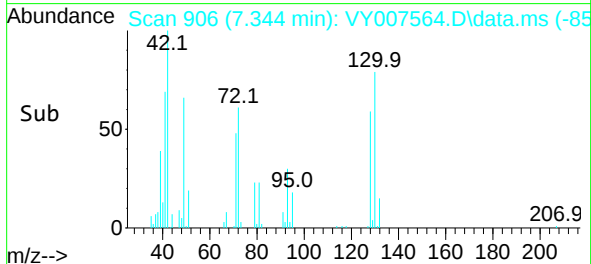
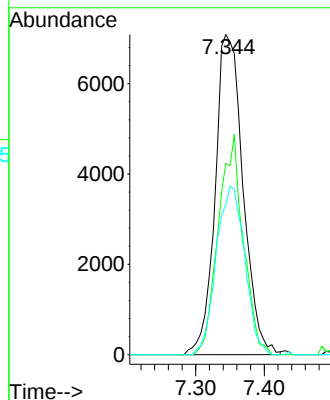
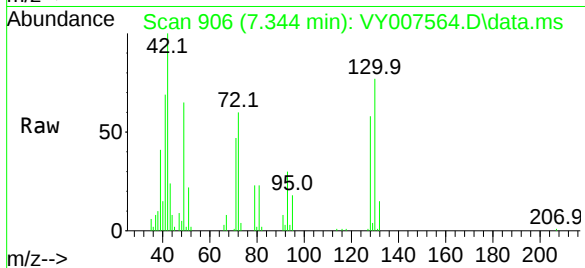
Tgt Ion: 42 Resp: 19994

Ion Ratio Lower Upper

42 100

72 61.3 30.3 45.5#

71 53.9 29.0 43.4#



#30

Chloroform

Concen: 21.931 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007564.D

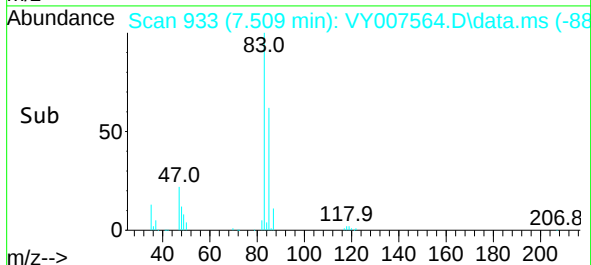
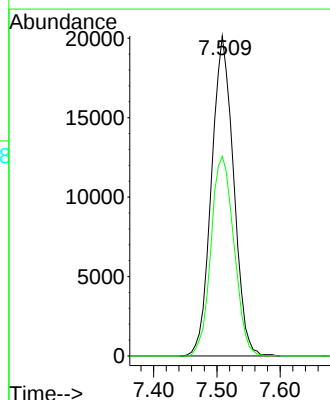
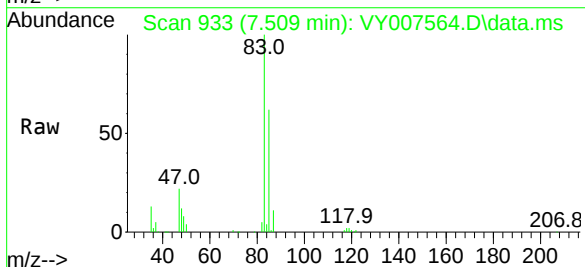
Acq: 21 Feb 2022 12:32

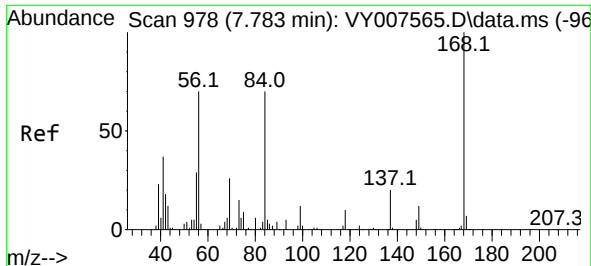
Tgt Ion: 83 Resp: 48786

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.6

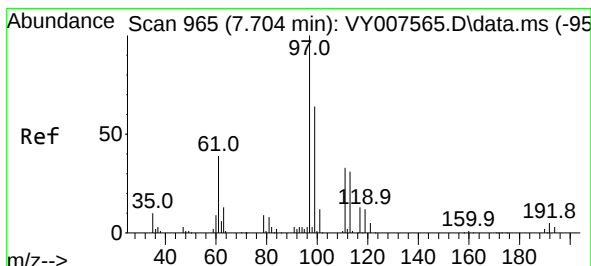
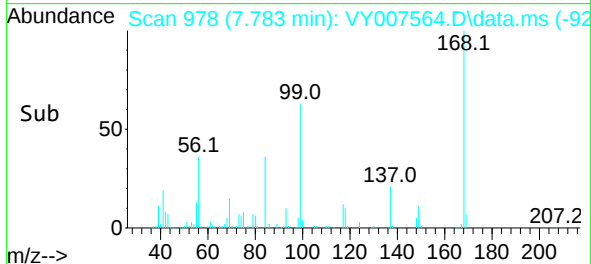
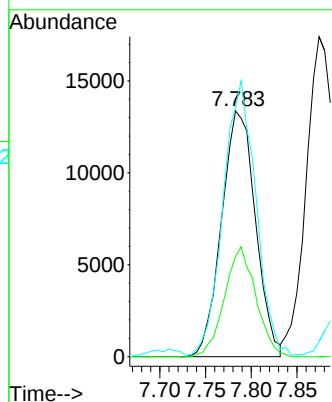
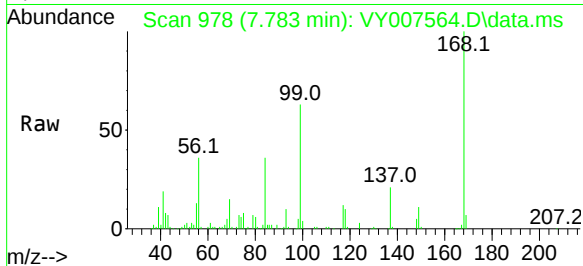




#31
Cyclohexane
Concen: 17.848 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

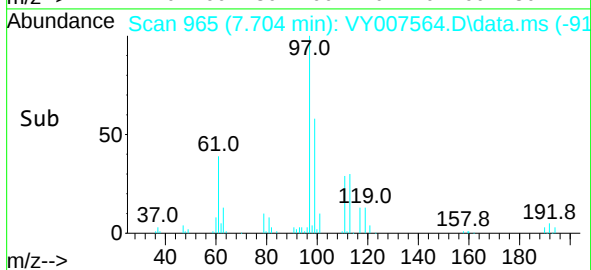
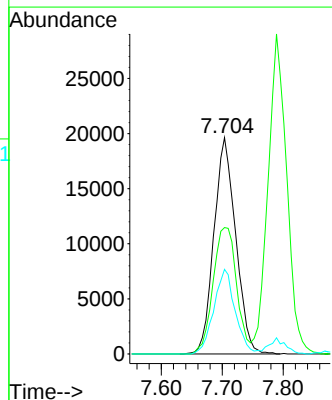
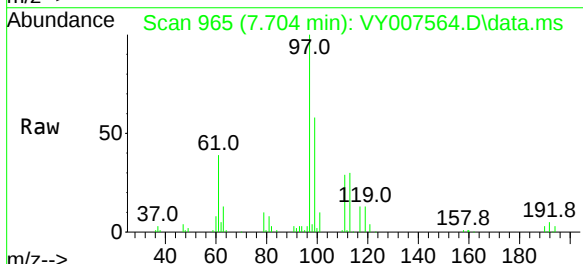
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

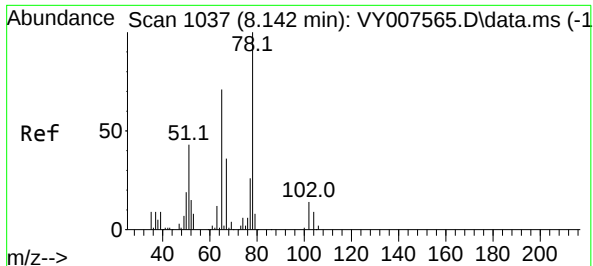
Tgt Ion: 56 Resp: 34519
Ion Ratio Lower Upper
56 100
69 40.7 26.7 40.1#
84 99.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 22.981 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 97 Resp: 48816
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 38.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 21.202 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

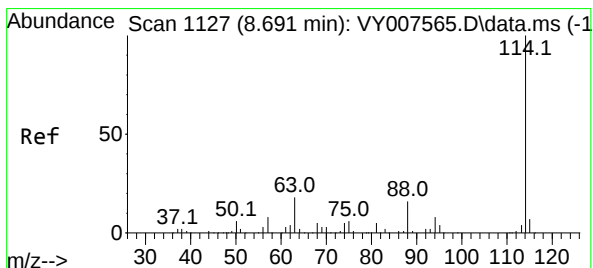
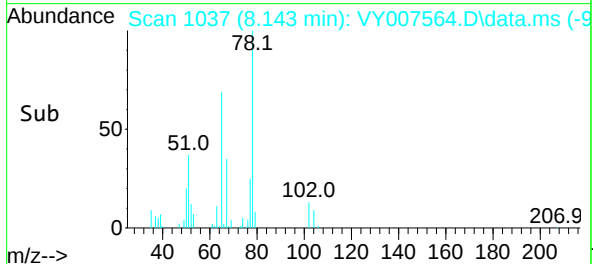
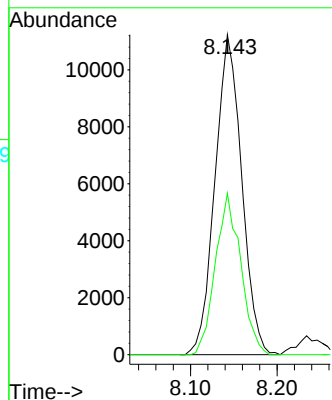
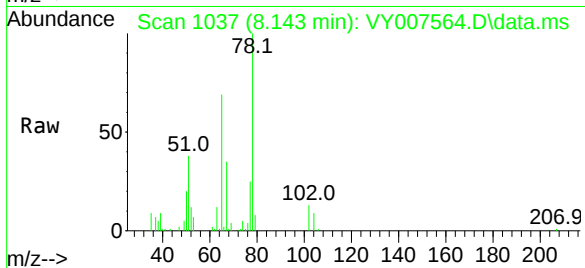
VSTDICC020

Tgt Ion: 65 Resp: 24057

Ion Ratio Lower Upper

65 100

67 47.8 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: VY007564.D

Acq: 21 Feb 2022 12:32

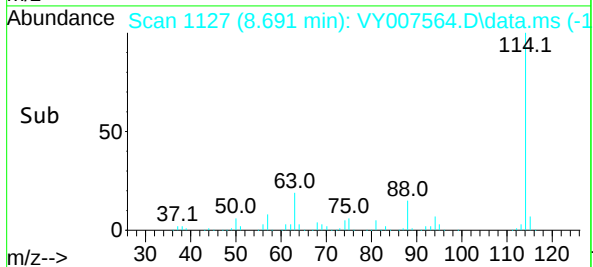
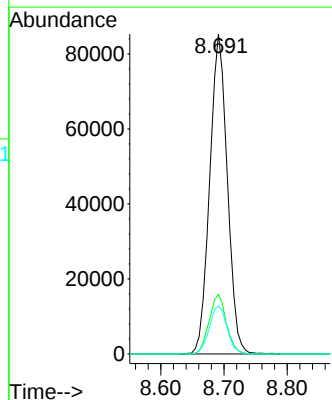
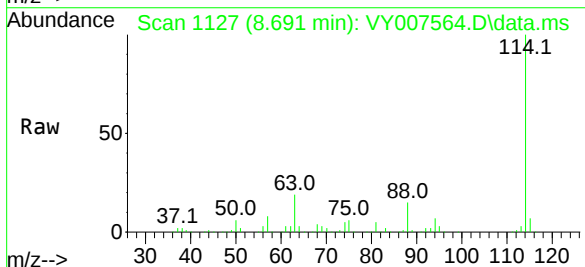
Tgt Ion: 114 Resp: 165051

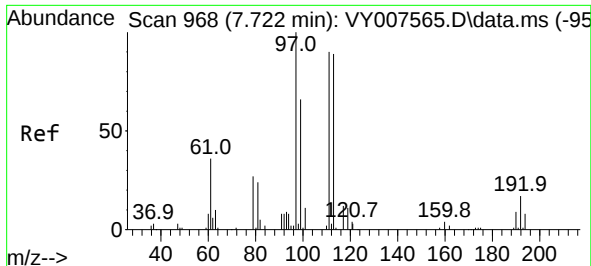
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.0 0.0 31.8

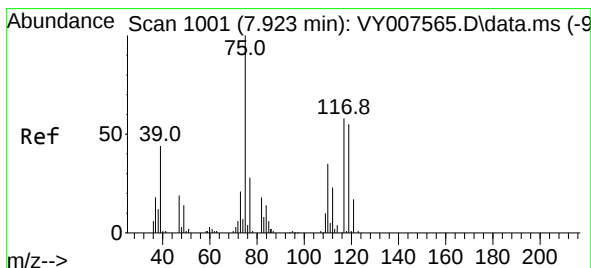
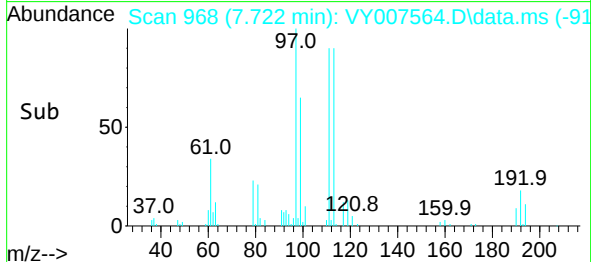
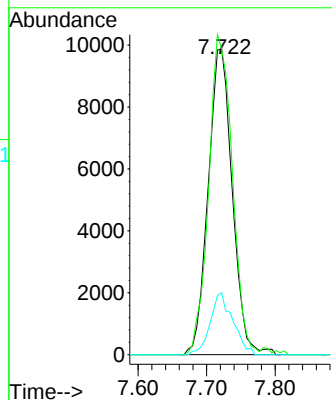
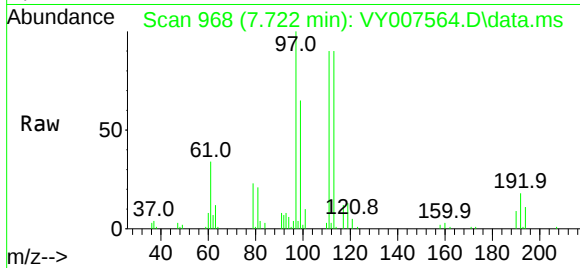




#35
Dibromofluoromethane
Concen: 23.300 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

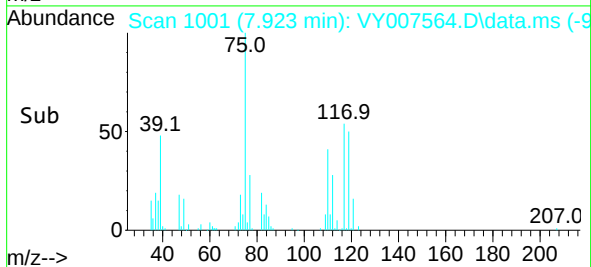
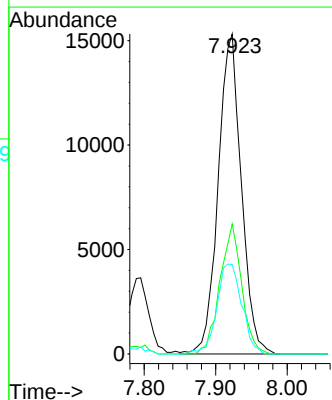
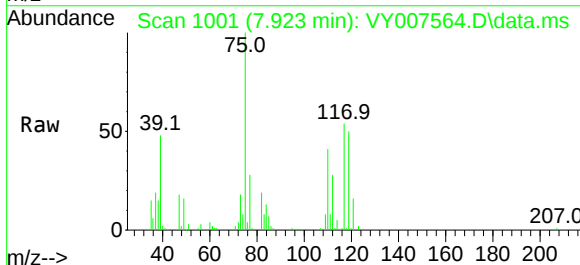
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

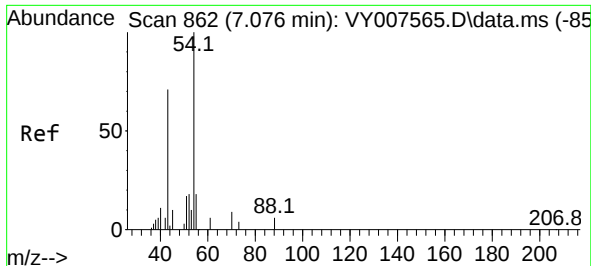
Tgt Ion:113 Resp: 24160
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 21.074 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 75 Resp: 34425
Ion Ratio Lower Upper
75 100
110 38.1 17.1 51.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 19.947 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

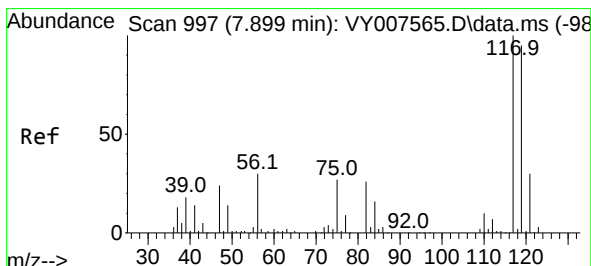
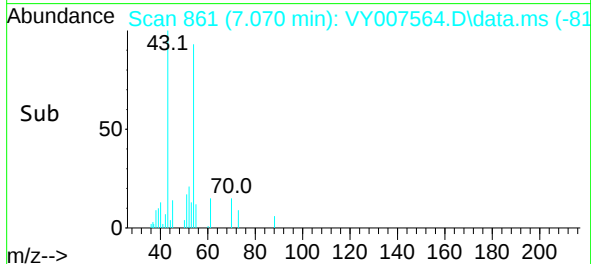
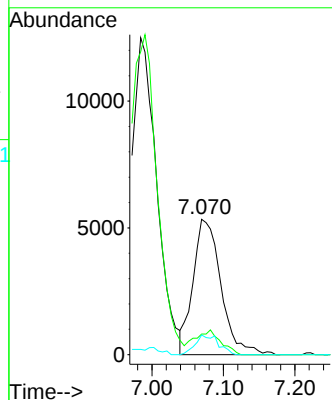
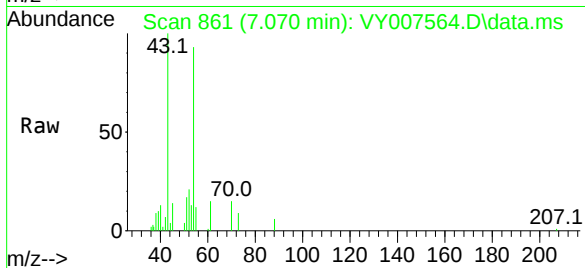
Tgt Ion: 43 Resp: 14511

Ion Ratio Lower Upper

43 100

61 17.1 9.7 14.5#

70 12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 23.590 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

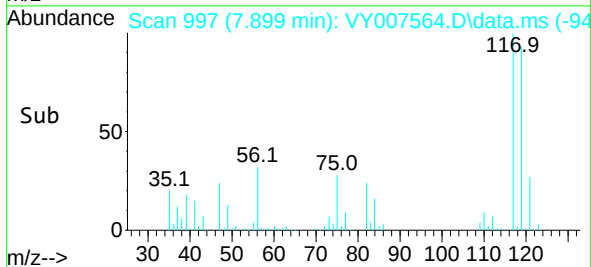
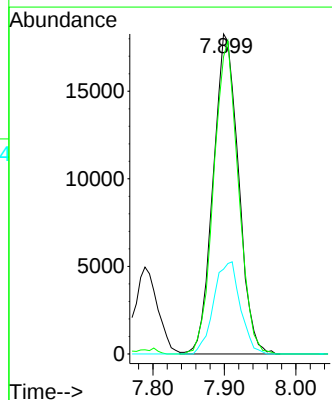
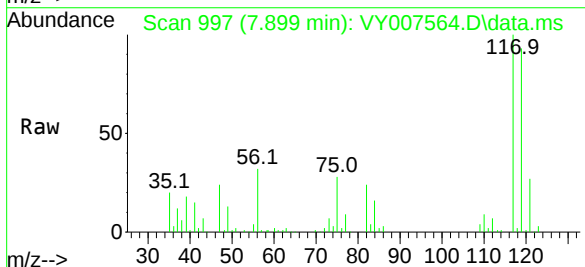
Tgt Ion: 117 Resp: 44950

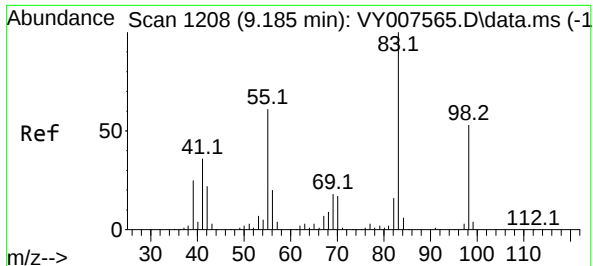
Ion Ratio Lower Upper

117 100

119 92.9 77.9 116.9

121 26.5 24.8 37.2





#39

Methylcyclohexane

Concen: 20.456 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

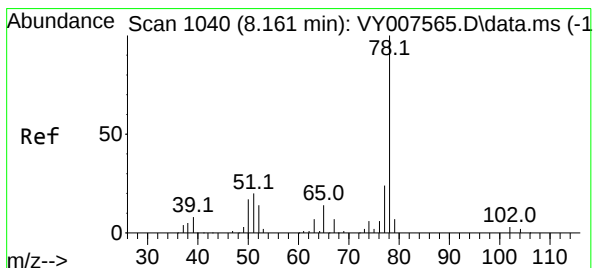
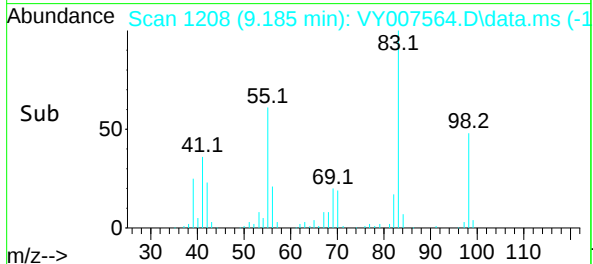
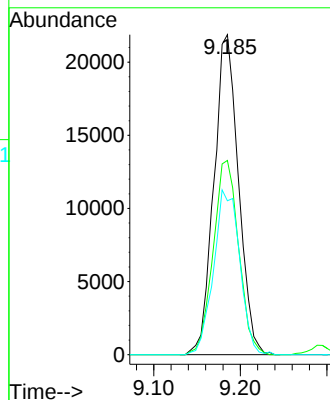
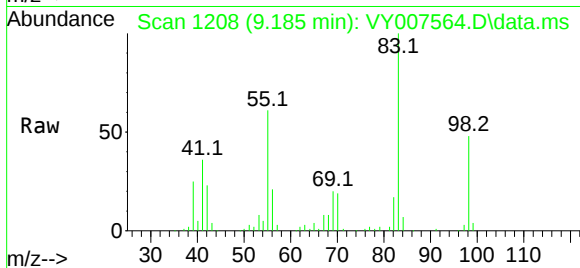
Tgt Ion: 83 Resp: 43124

Ion Ratio Lower Upper

83 100

55 60.7 66.5 99.7#

98 48.1 37.9 56.9



#40

Benzene

Concen: 20.202 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY007564.D

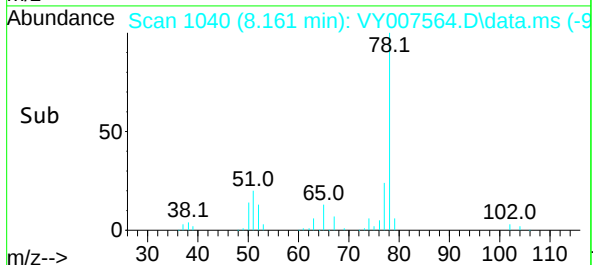
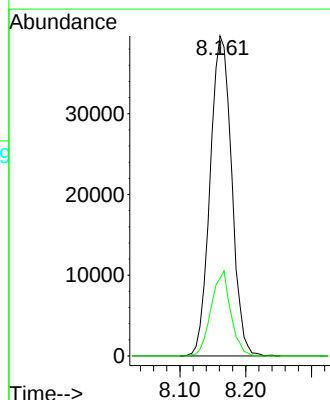
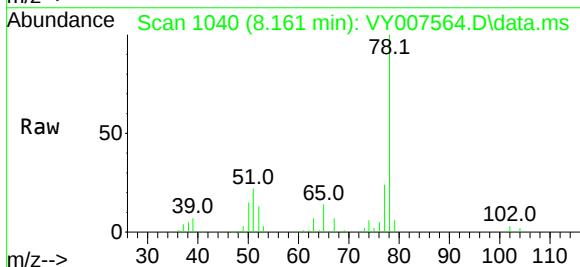
Acq: 21 Feb 2022 12:32

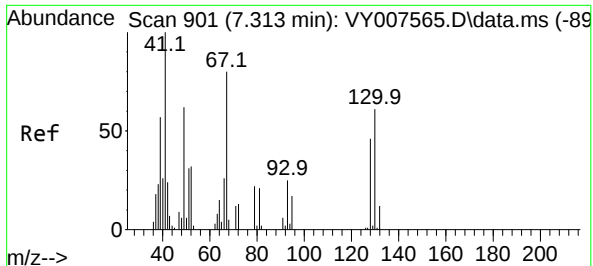
Tgt Ion: 78 Resp: 90246

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

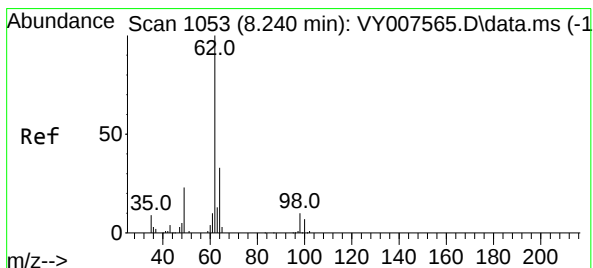
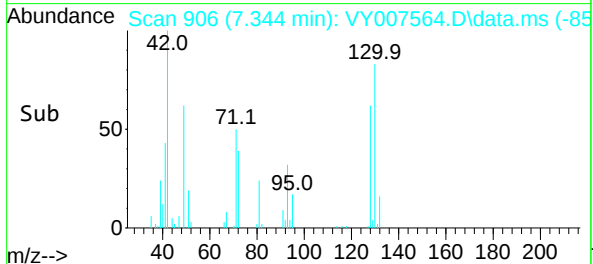
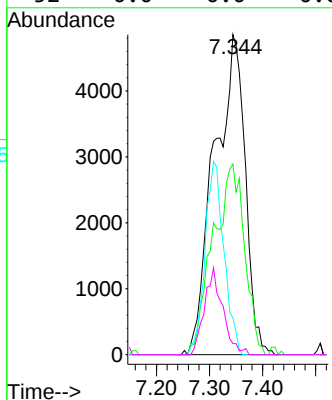
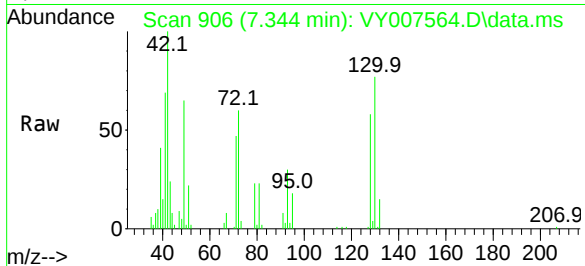




#41
Methacrylonitrile
Concen: 42.248 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

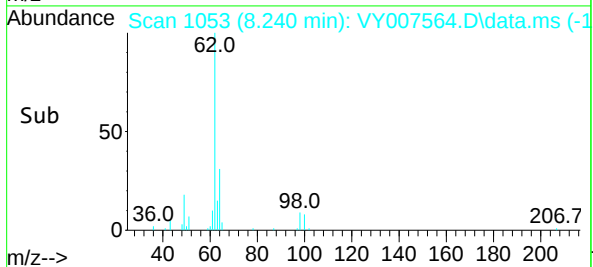
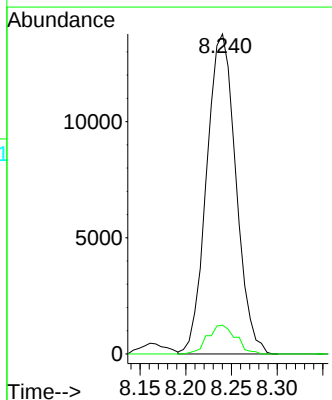
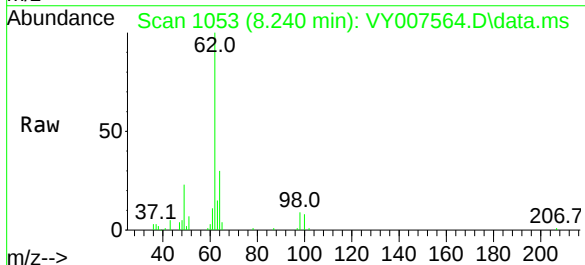
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

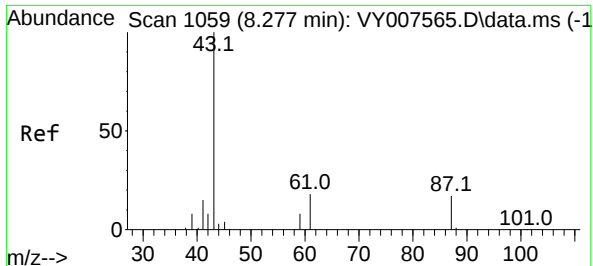
Tgt Ion: 41 Resp: 19567
Ion Ratio Lower Upper
41 100
39 60.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.062 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 62 Resp: 30711
Ion Ratio Lower Upper
62 100
98 8.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 19.253 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

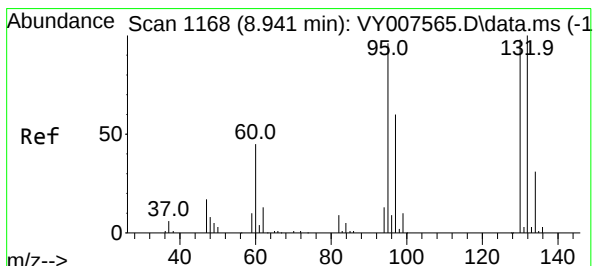
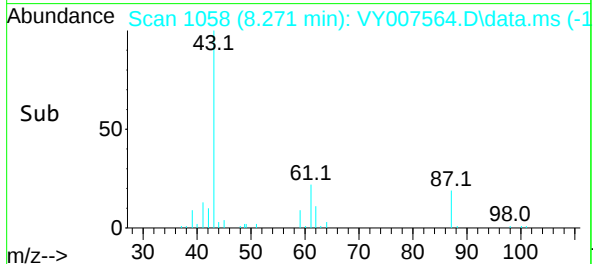
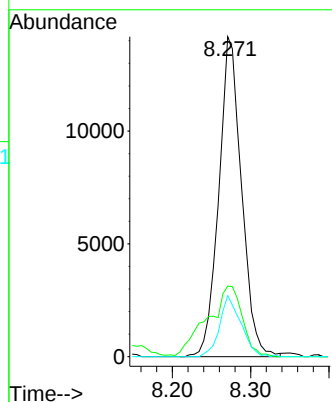
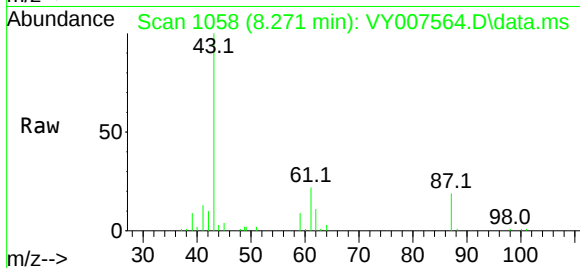
Tgt Ion: 43 Resp: 28588

Ion Ratio Lower Upper

43 100

61 34.1 20.2 30.2#

87 17.9 8.9 13.3#



#44

Trichloroethene

Concen: 22.575 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY007564.D

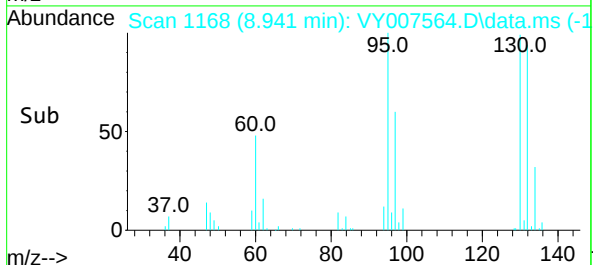
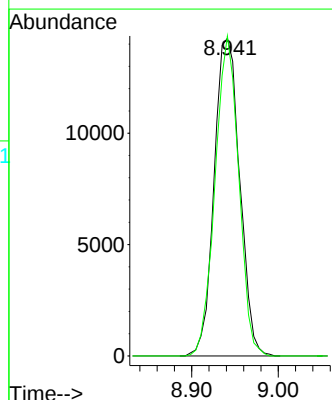
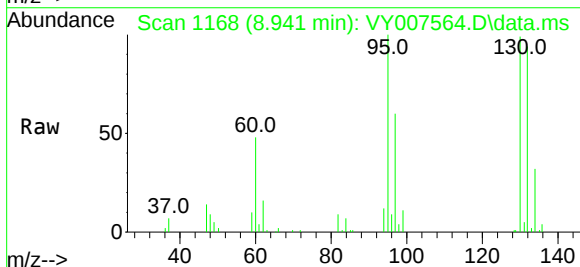
Acq: 21 Feb 2022 12:32

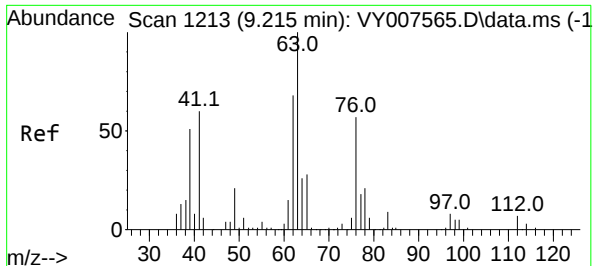
Tgt Ion:130 Resp: 29245

Ion Ratio Lower Upper

130 100

95 100.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.576 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

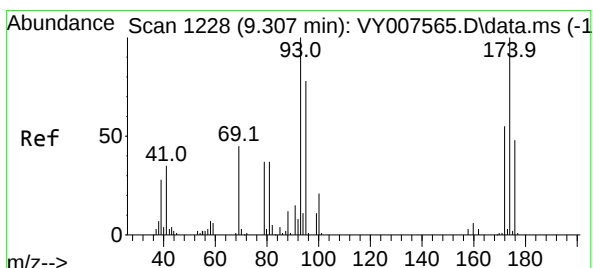
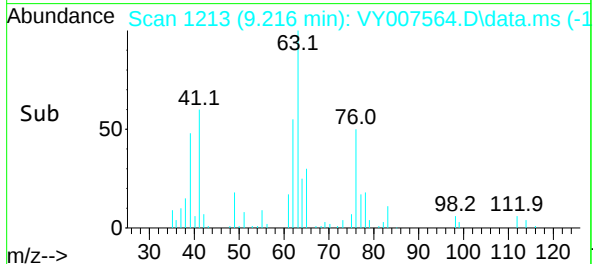
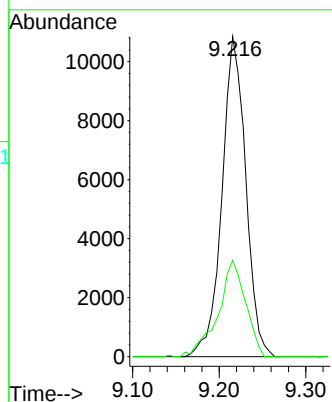
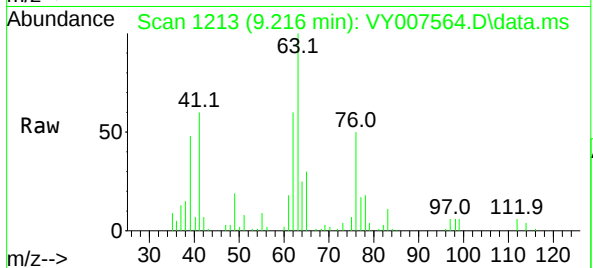
VSTDIC020

Tgt Ion: 63 Resp: 20692

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.6



#46

Dibromomethane

Concen: 22.958 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

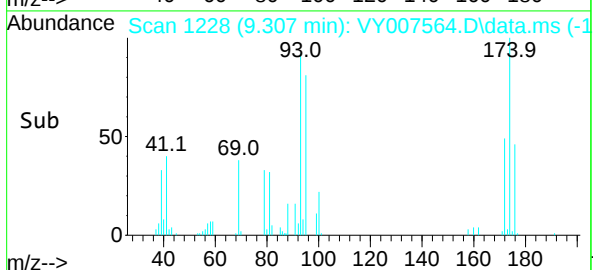
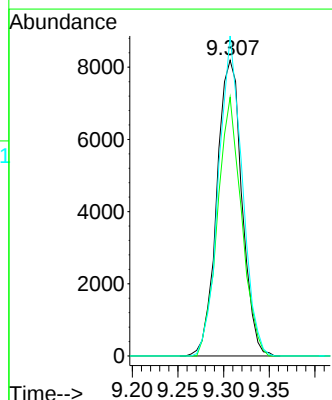
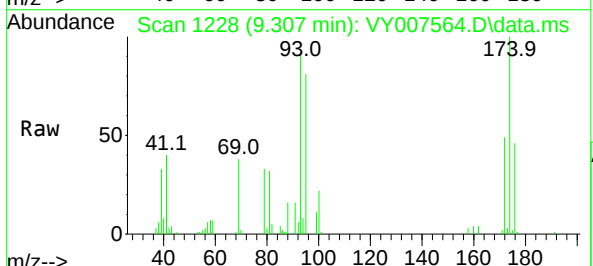
Tgt Ion: 93 Resp: 15592

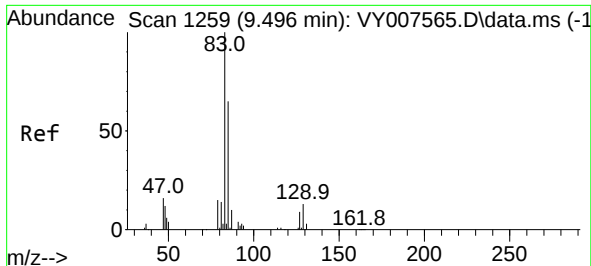
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 102.0 83.4 125.0

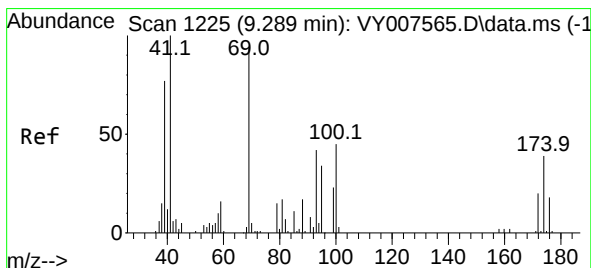
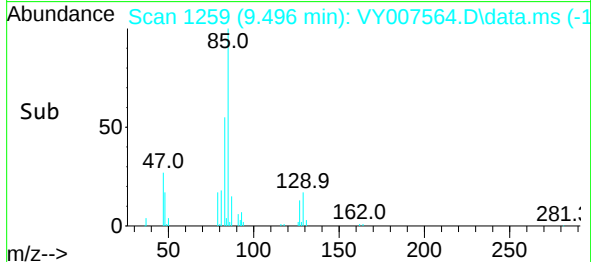
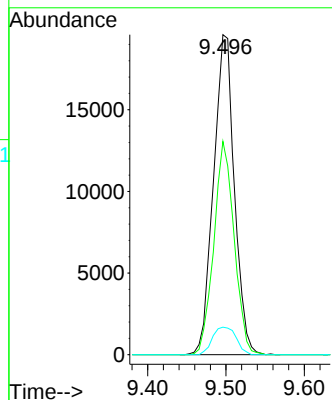
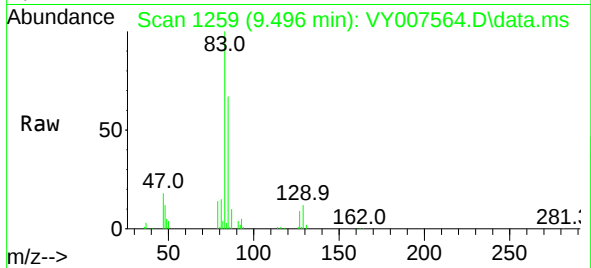




#47
Bromodichloromethane
Concen: 22.121 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

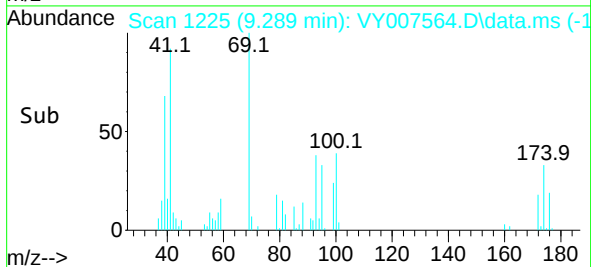
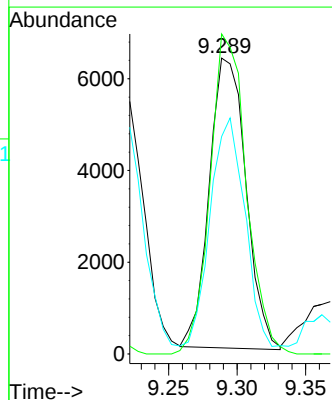
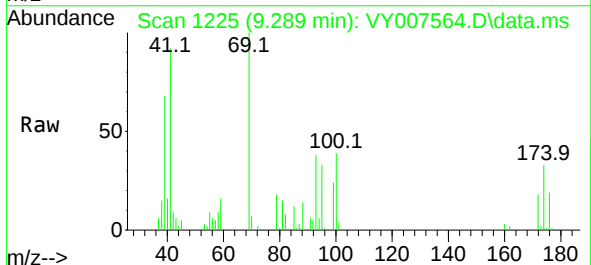
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

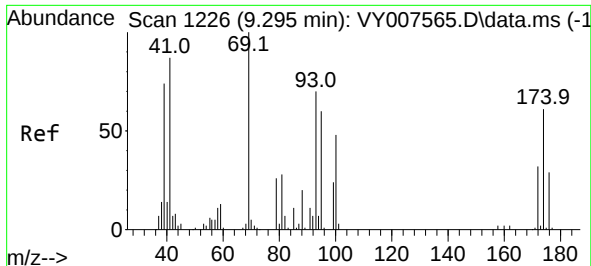
Tgt Ion: 83 Resp: 36258
Ion Ratio Lower Upper
83 100
85 66.6 51.9 77.9
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 17.997 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 41 Resp: 11776
Ion Ratio Lower Upper
41 100
69 109.1 58.2 87.2#
39 75.3 47.4 71.0#





#49

1,4-Dioxane

Concen: 508.704 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

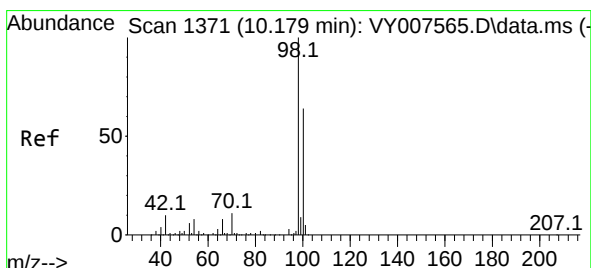
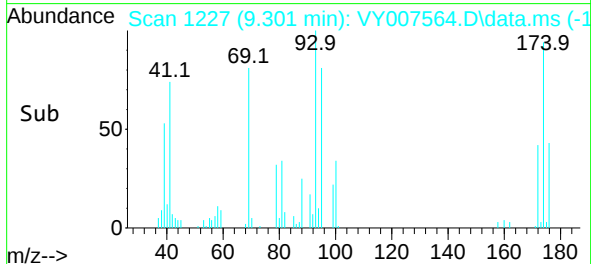
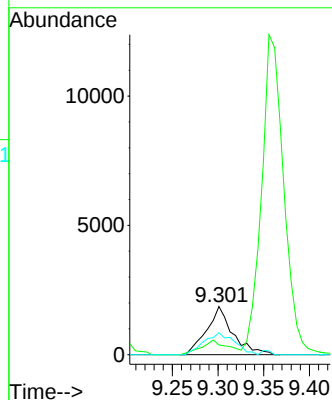
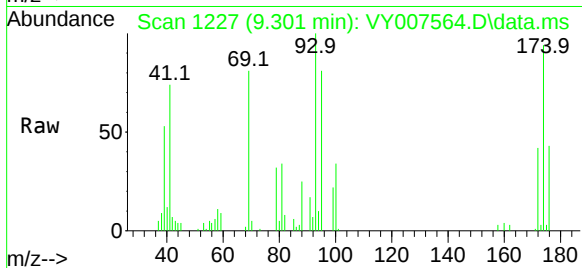
Tgt Ion: 88 Resp: 3699

Ion Ratio Lower Upper

88 100

43 31.1 32.8 49.2#

58 52.7 59.8 89.6#



#50

Toluene-d8

Concen: 21.684 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007564.D

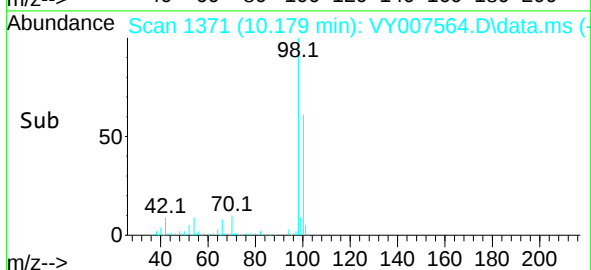
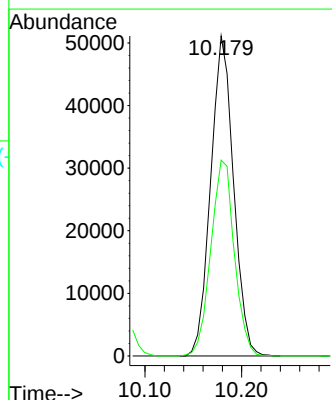
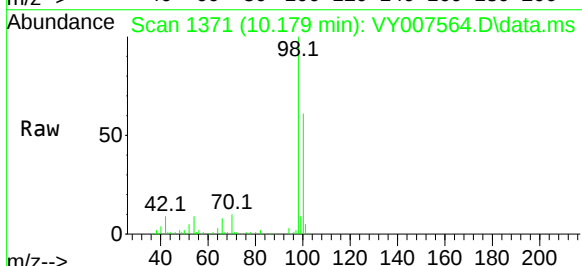
Acq: 21 Feb 2022 12:32

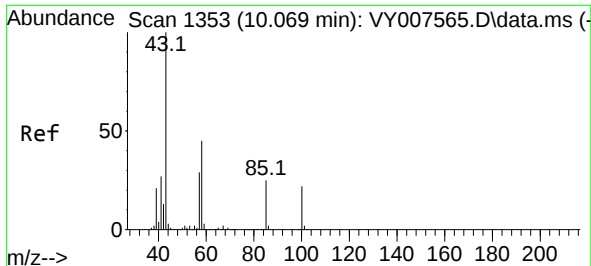
Tgt Ion: 98 Resp: 83869

Ion Ratio Lower Upper

98 100

100 62.9 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 97.033 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

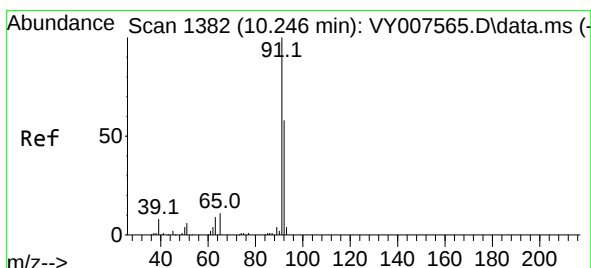
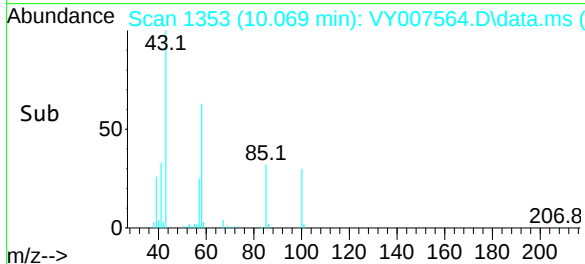
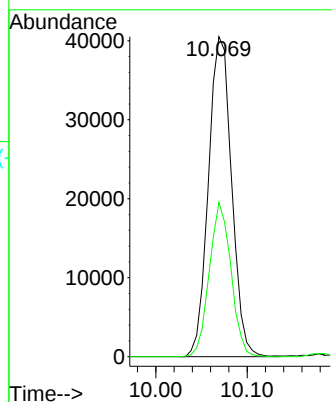
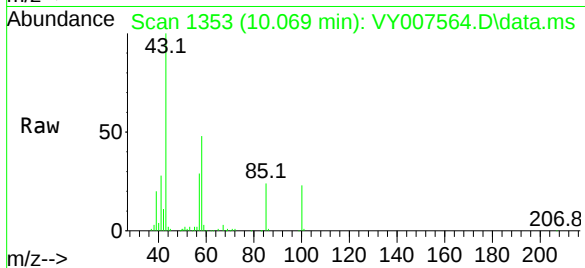
VSTDICC020

Tgt Ion: 43 Resp: 71271

Ion Ratio Lower Upper

43 100

58 45.0 28.1 42.1#



#52

Toluene

Concen: 20.962 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY007564.D

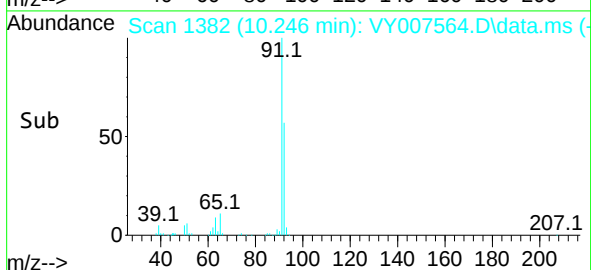
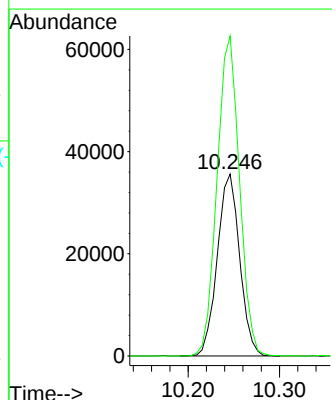
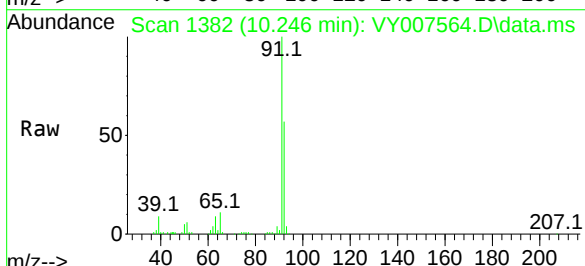
Acq: 21 Feb 2022 12:32

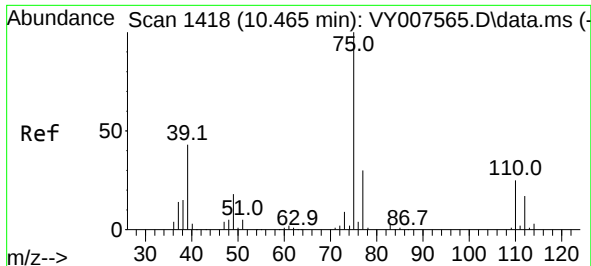
Tgt Ion: 92 Resp: 60508

Ion Ratio Lower Upper

92 100

91 176.6 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 22.061 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

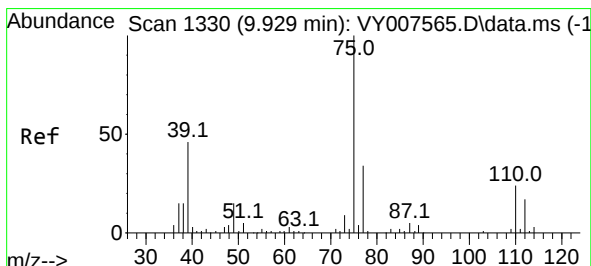
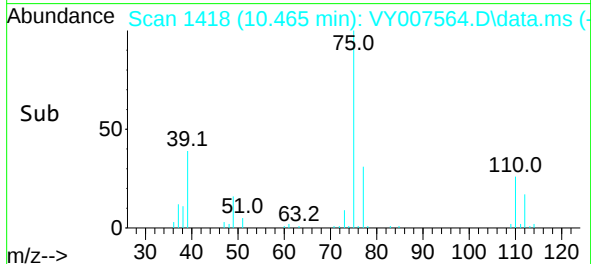
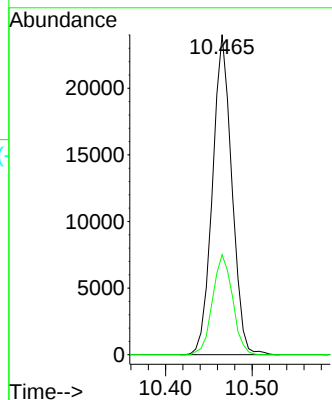
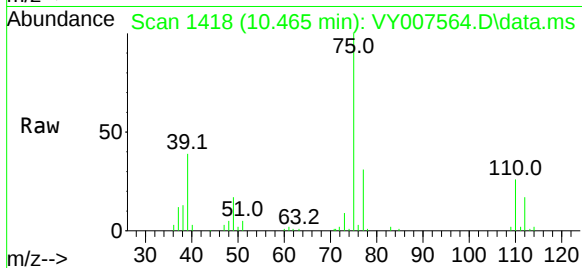
VSTDIC020

Tgt Ion: 75 Resp: 37253

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.162 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

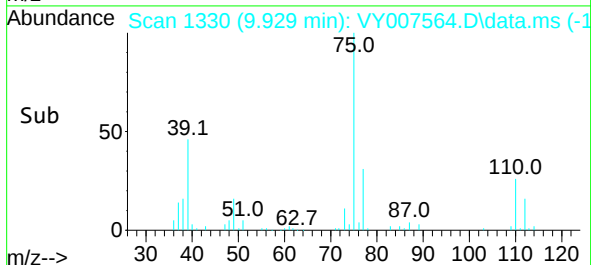
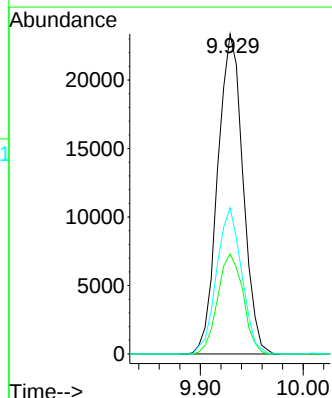
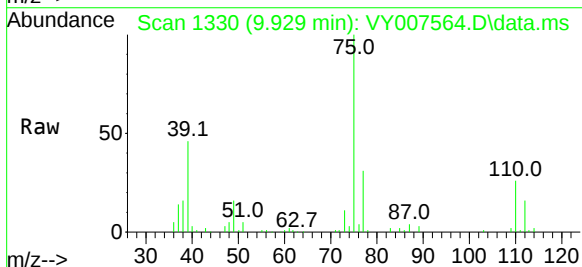
Tgt Ion: 75 Resp: 39842

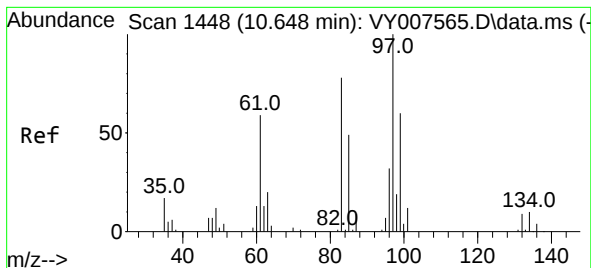
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 45.7 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 23.639 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 21068

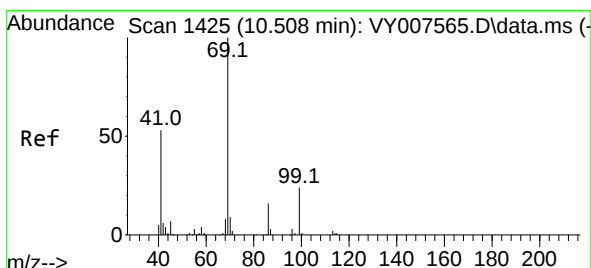
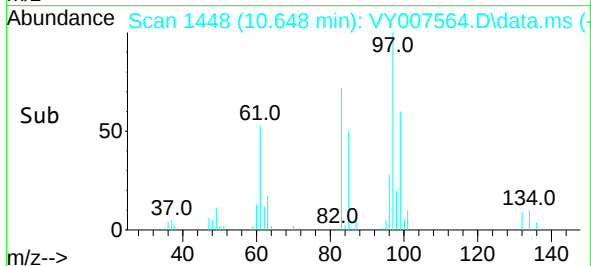
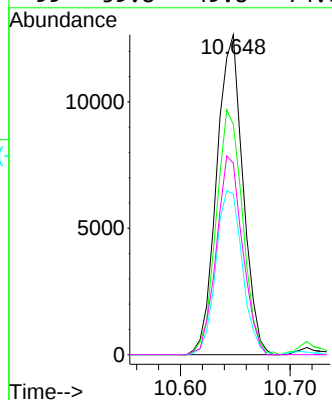
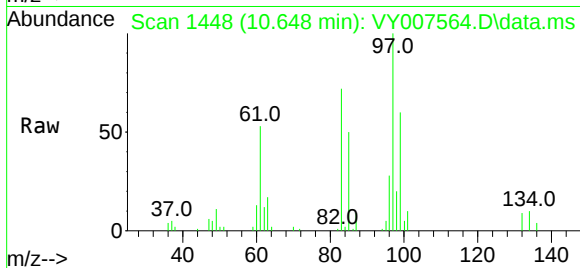
Ion Ratio Lower Upper

97 100

83 72.0 69.8 104.8

85 50.2 44.3 66.5

99 59.8 49.8 74.6



#56

Ethyl methacrylate

Concen: 21.665 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

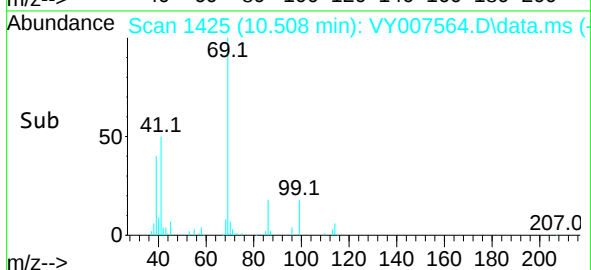
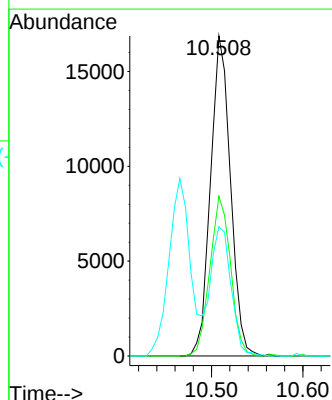
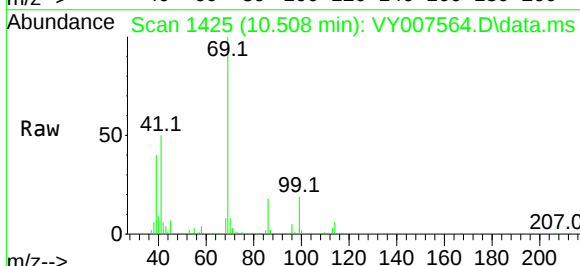
Tgt Ion: 69 Resp: 25630

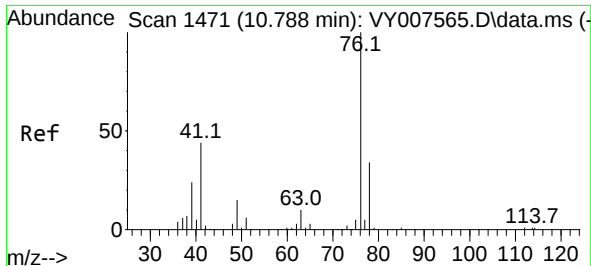
Ion Ratio Lower Upper

69 100

41 51.7 63.4 95.0#

39 41.1 35.8 53.8





#57

1,3-Dichloropropane

Concen: 21.718 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

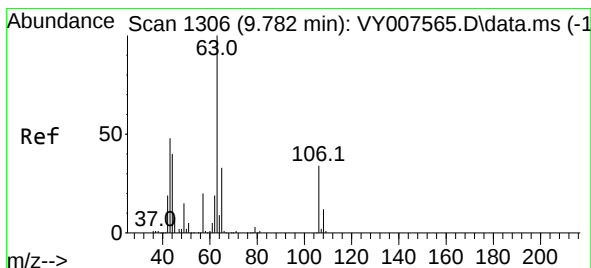
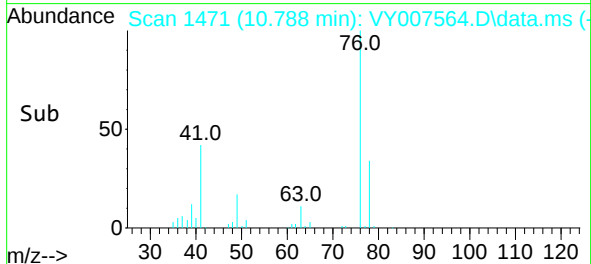
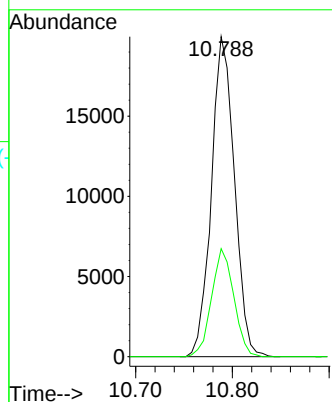
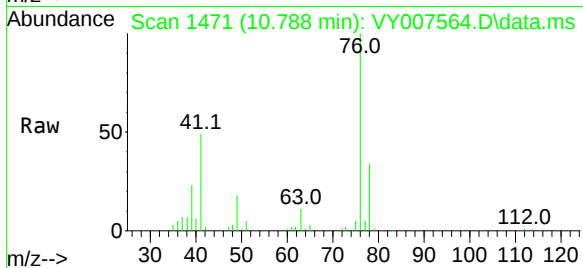
VSTDIC020

Tgt Ion: 76 Resp: 33044

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 98.182 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007564.D

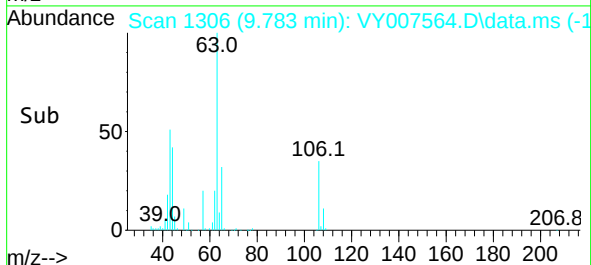
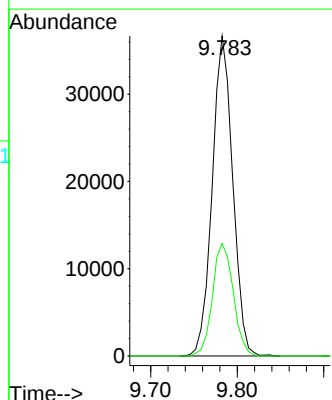
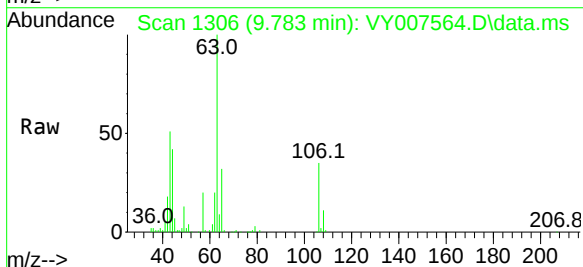
Acq: 21 Feb 2022 12:32

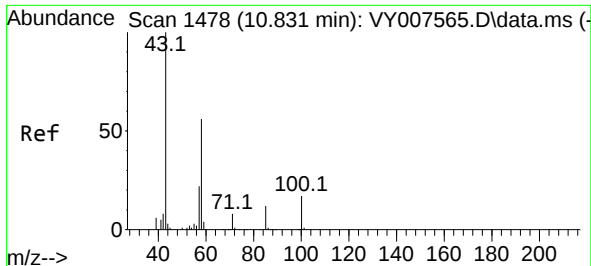
Tgt Ion: 63 Resp: 60333

Ion Ratio Lower Upper

63 100

106 35.5 21.5 32.3#

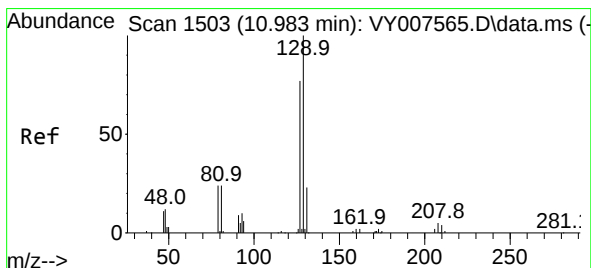
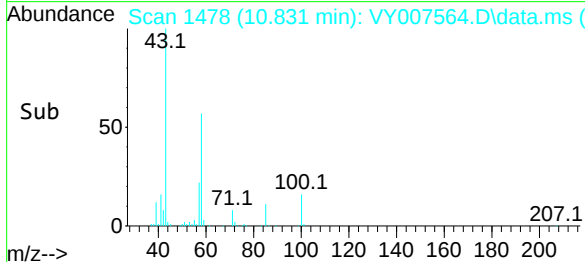
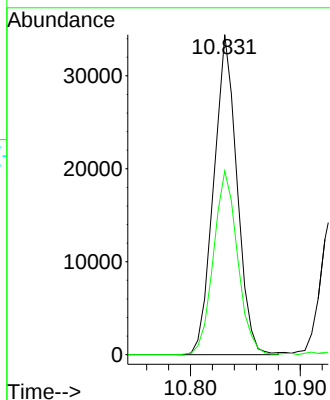
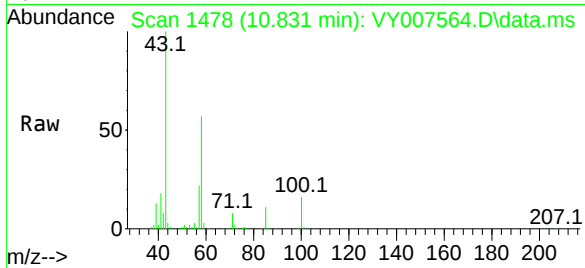




#59
2-Hexanone
Concen: 96.713 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

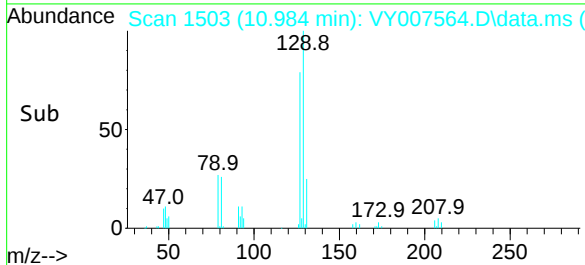
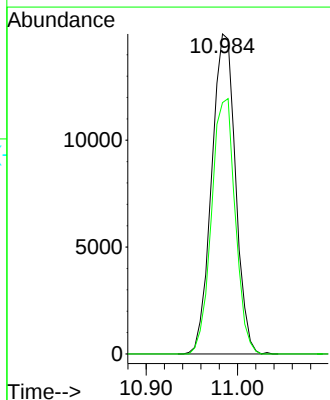
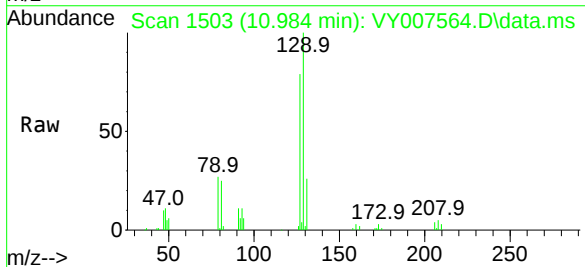
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

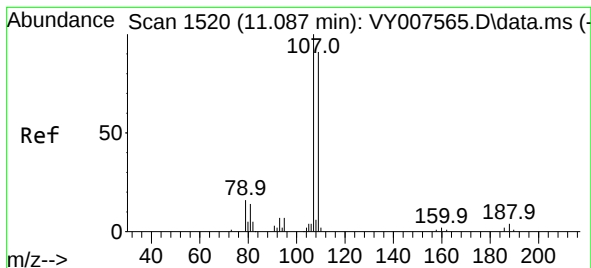
Tgt Ion: 43 Resp: 50767
Ion Ratio Lower Upper
43 100
58 59.4 24.4 73.4



#60
Dibromochloromethane
Concen: 23.729 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 129 Resp: 27172
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 22.804 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

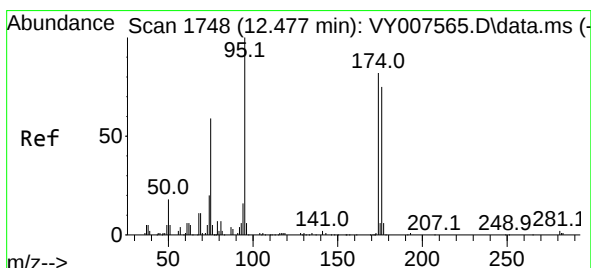
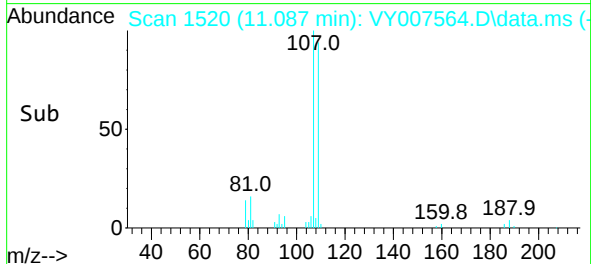
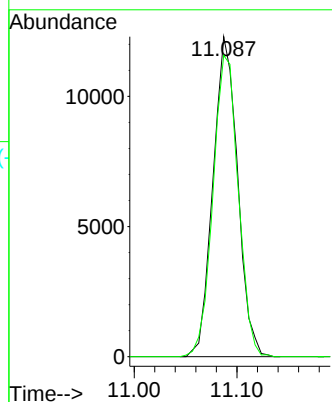
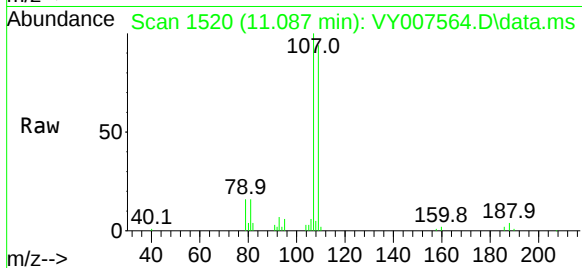
VSTDIC020

Tgt Ion:107 Resp: 20451

Ion Ratio Lower Upper

107 100

109 96.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 22.395 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

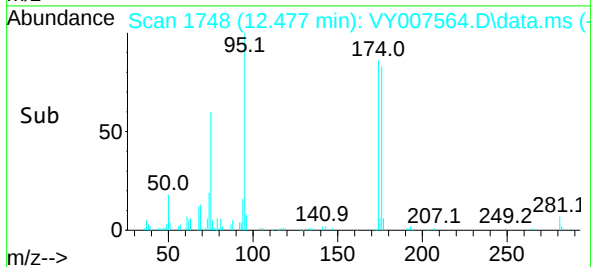
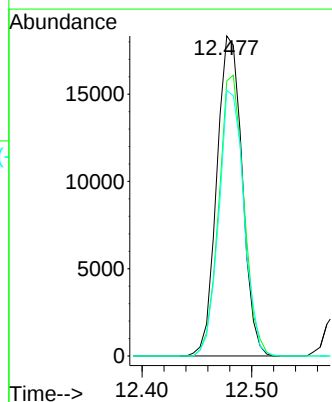
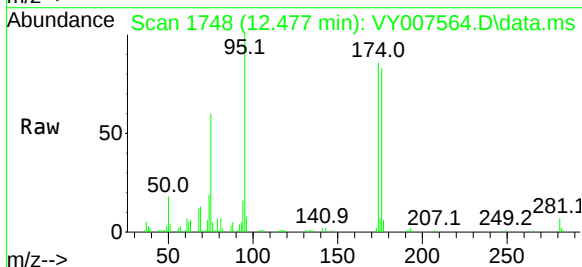
Tgt Ion: 95 Resp: 29432

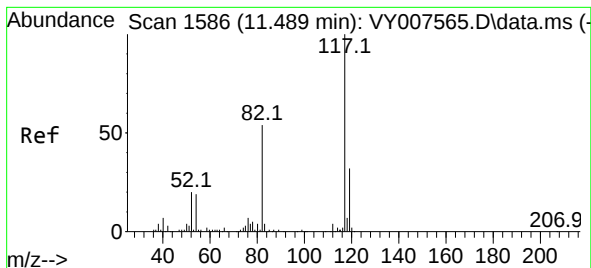
Ion Ratio Lower Upper

95 100

174 86.9 0.0 177.0

176 82.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

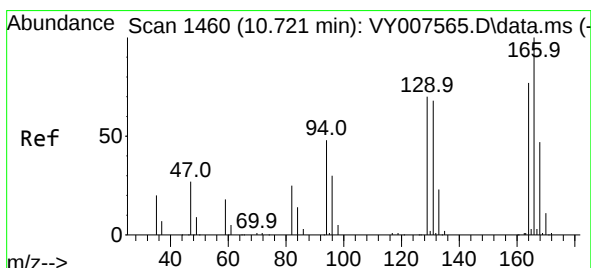
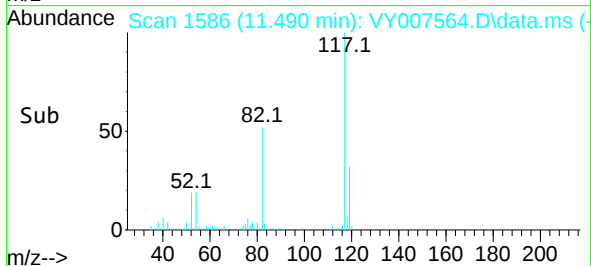
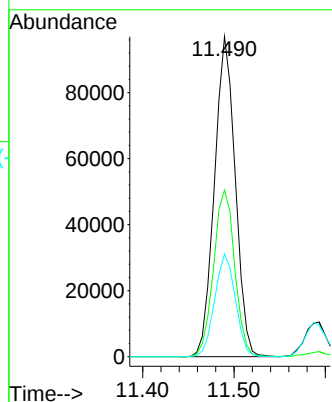
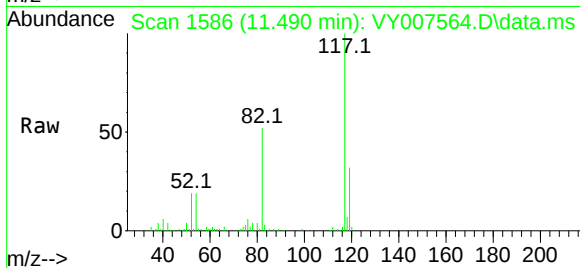
Tgt Ion:117 Resp: 153776

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.4

119 32.1 25.4 38.0



#64

Tetrachloroethene

Concen: 22.579 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Tgt Ion:164 Resp: 27111

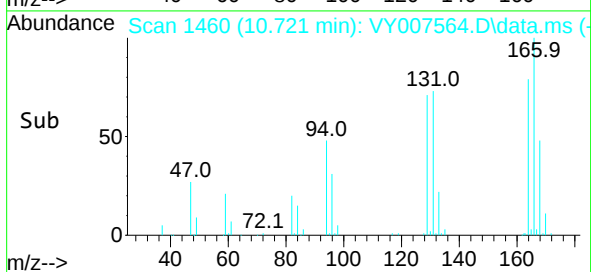
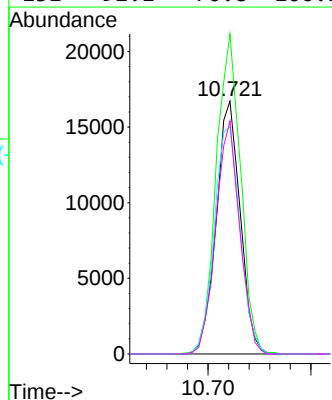
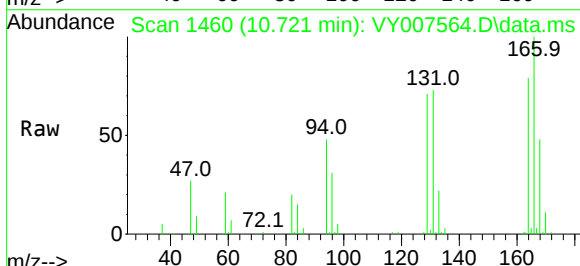
Ion Ratio Lower Upper

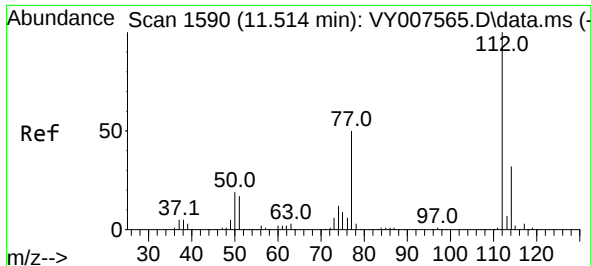
164 100

166 126.6 100.4 150.6

129 89.9 71.4 107.0

131 92.1 70.8 106.2

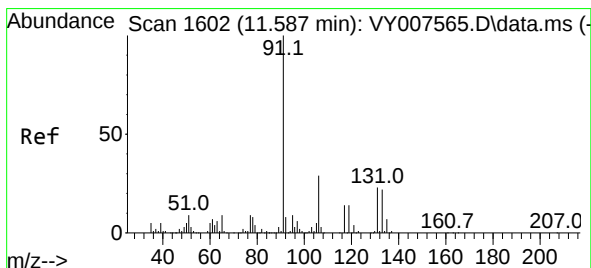
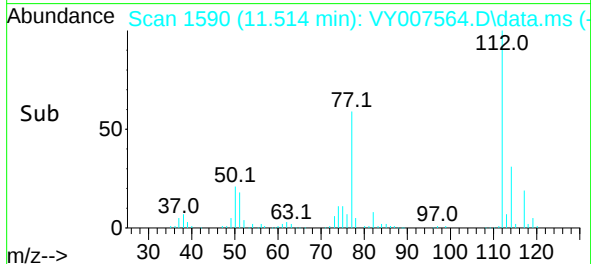
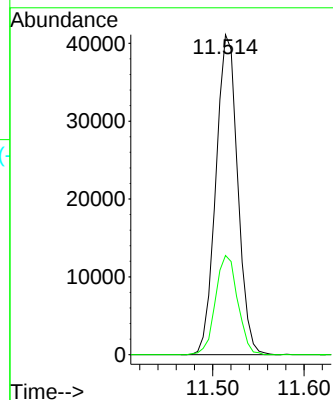
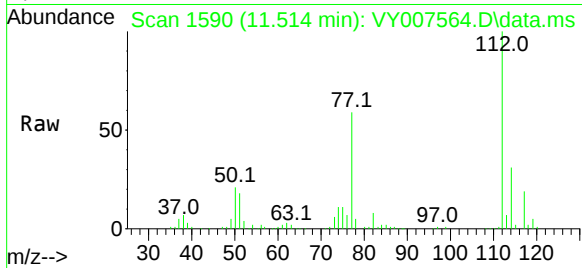




#65
Chlorobenzene
Concen: 20.721 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

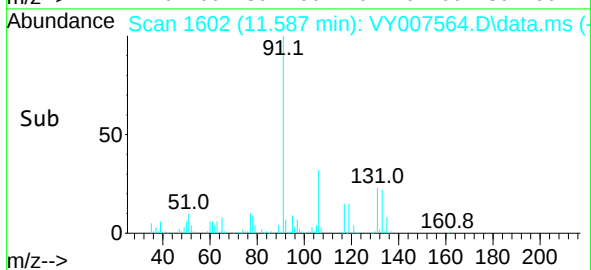
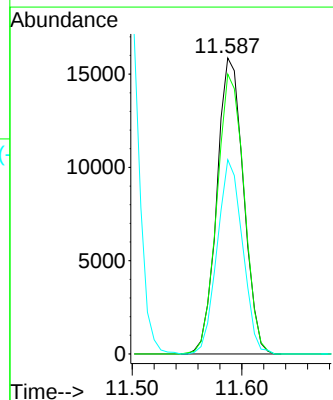
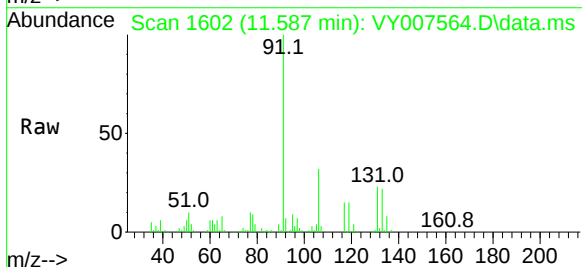
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

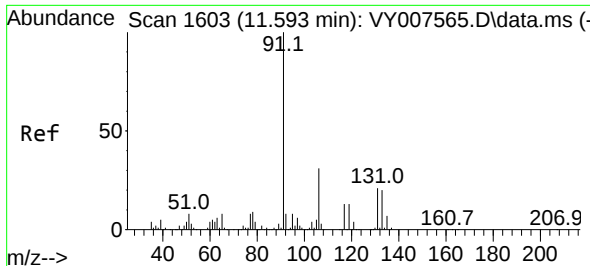
Tgt Ion:112 Resp: 68073
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.321 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:131 Resp: 26731
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 62.7 30.8 92.3





#67

Ethyl Benzene

Concen: 19.804 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

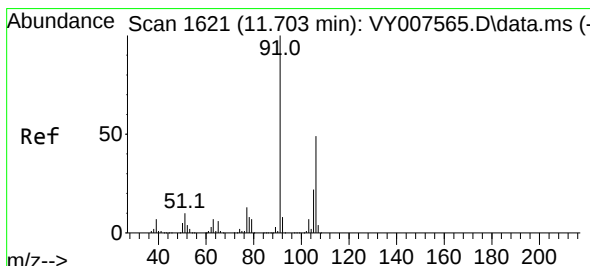
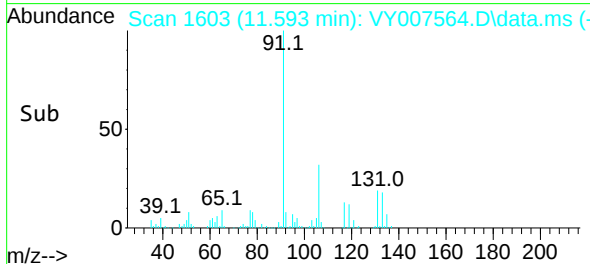
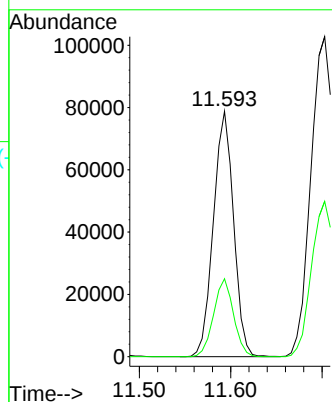
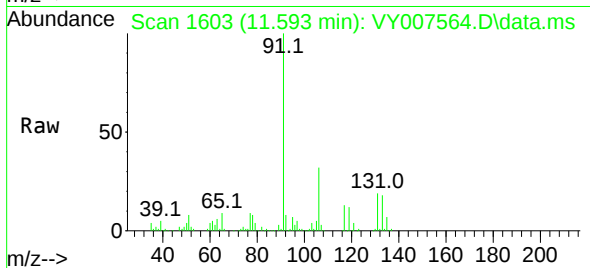
VSTDIC020

Tgt Ion: 91 Resp: 120837

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 38.978 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007564.D

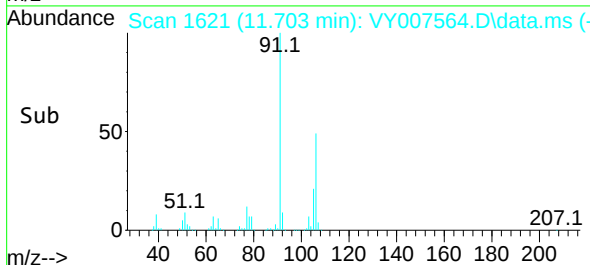
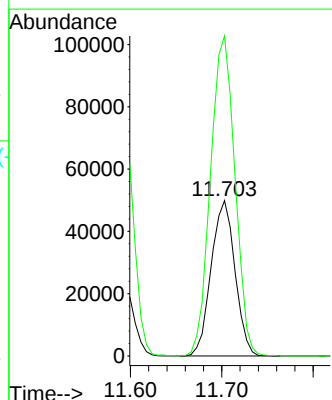
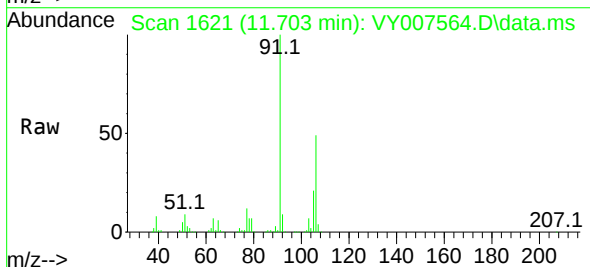
Acq: 21 Feb 2022 12:32

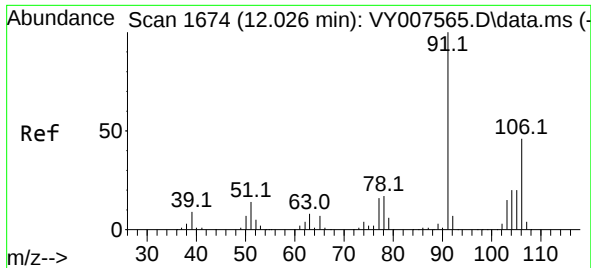
Tgt Ion:106 Resp: 90204

Ion Ratio Lower Upper

106 100

91 211.9 166.6 249.8

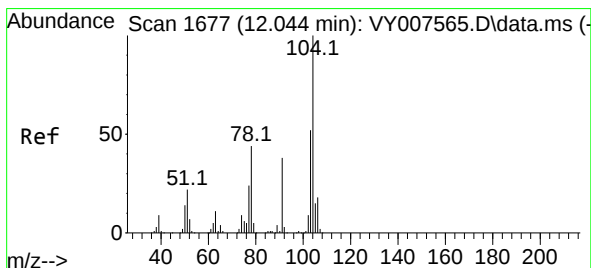
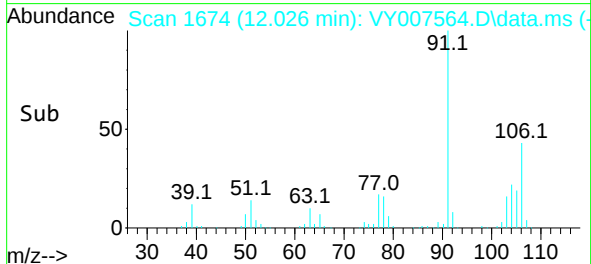
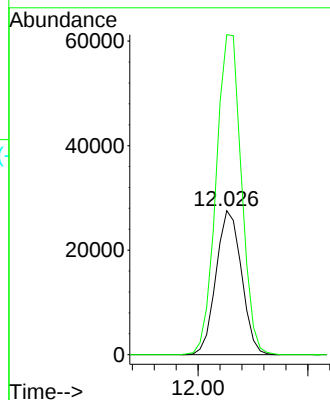
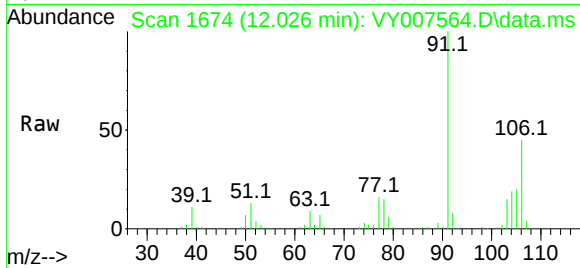




#69
o-Xylene
Concen: 20.228 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

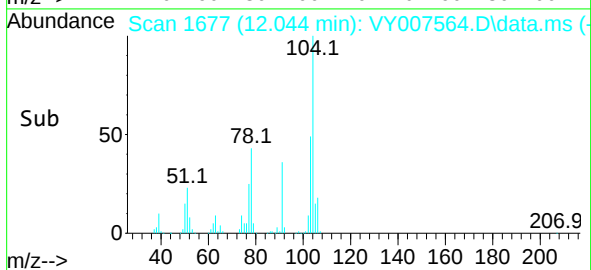
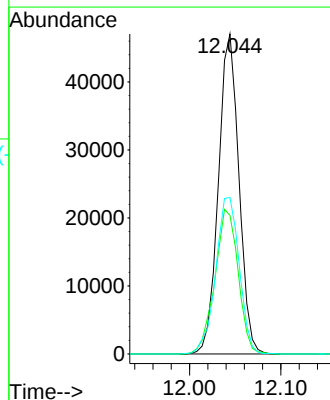
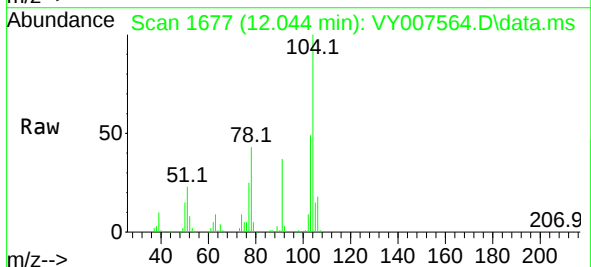
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

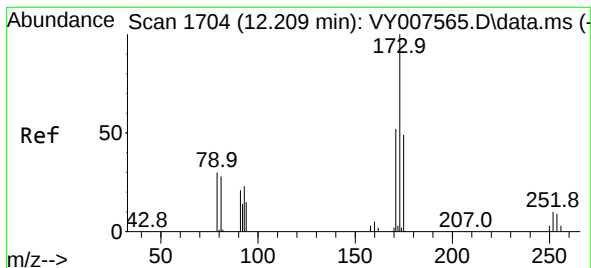
Tgt Ion:106 Resp: 44375
Ion Ratio Lower Upper
106 100
91 221.5 110.3 331.0



#70
Styrene
Concen: 20.392 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:104 Resp: 73536
Ion Ratio Lower Upper
104 100
78 51.3 42.4 63.6
103 56.1 44.4 66.6





#71

Bromoform

Concen: 24.218 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

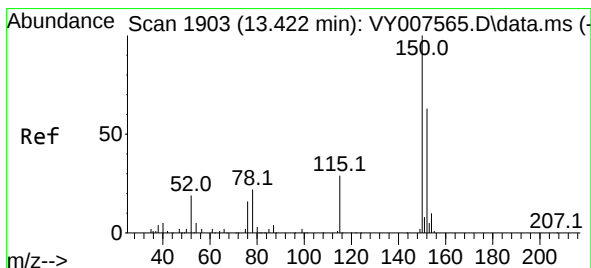
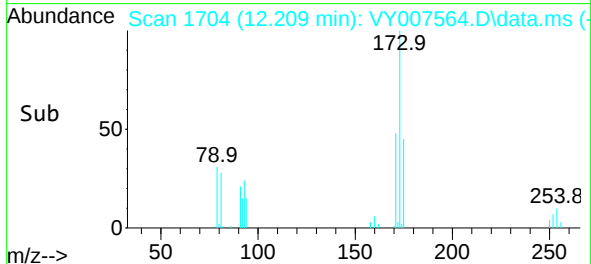
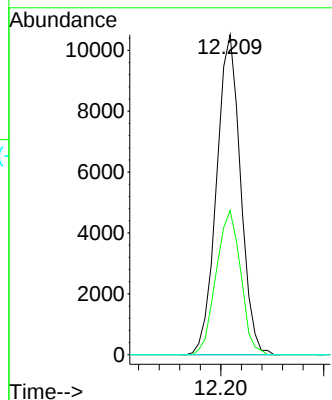
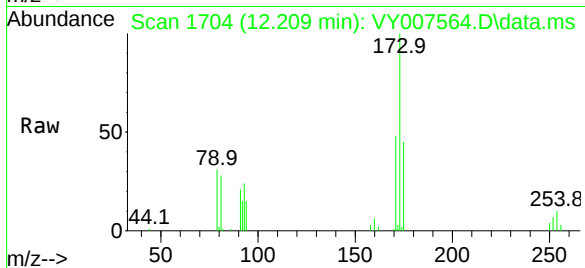
Tgt Ion:173 Resp: 16997

Ion Ratio Lower Upper

173 100

175 45.9 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

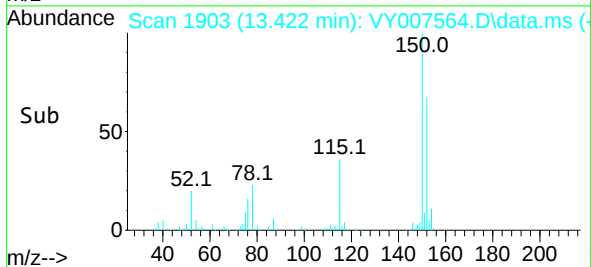
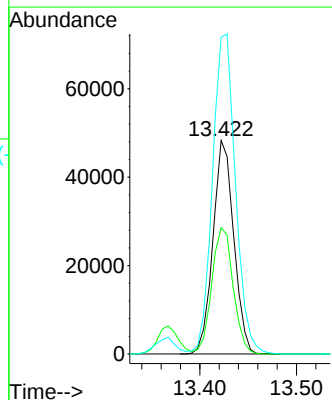
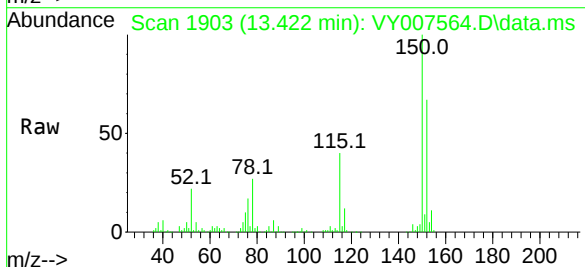
Tgt Ion:152 Resp: 72168

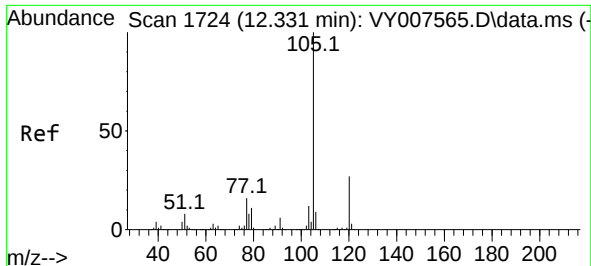
Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 165.7 0.0 347.6

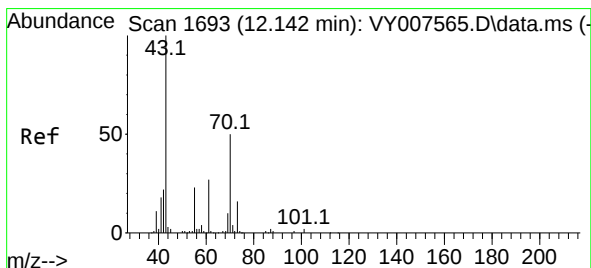
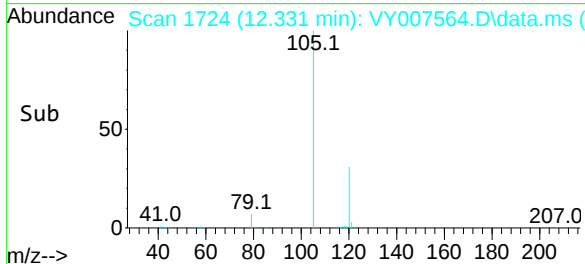
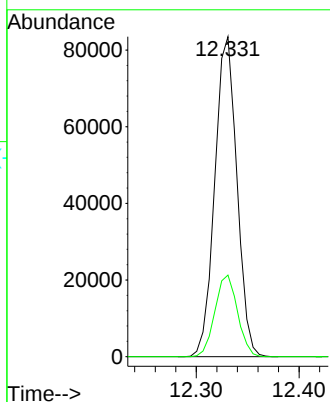
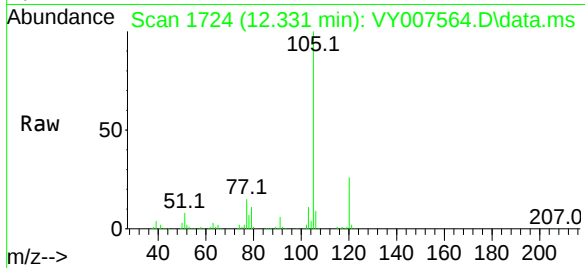




#73
Isopropylbenzene
Concen: 20.088 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

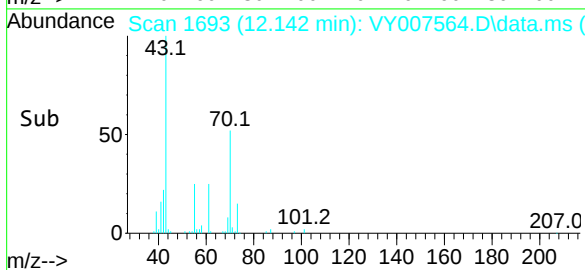
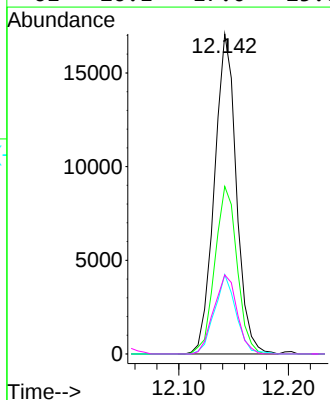
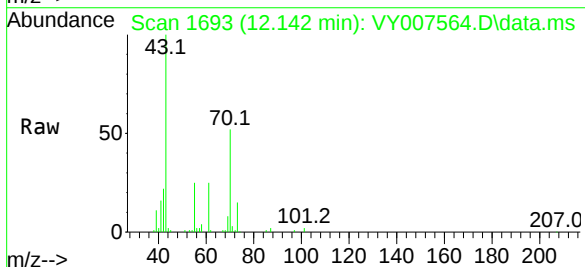
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

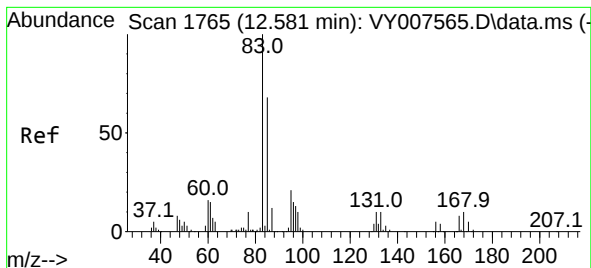
Tgt Ion:105 Resp: 124648
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2



#74
N-ethyl acetate
Concen: 17.314 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 43 Resp: 23783
Ion Ratio Lower Upper
43 100
70 52.9 28.7 43.1#
55 24.4 17.3 25.9
61 26.1 17.0 25.6#

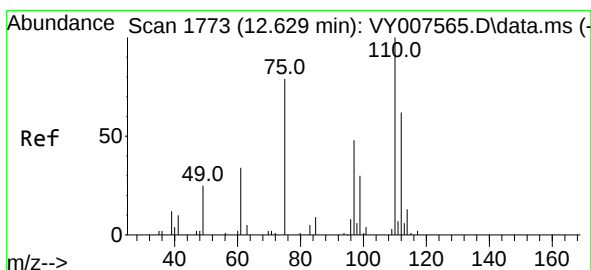
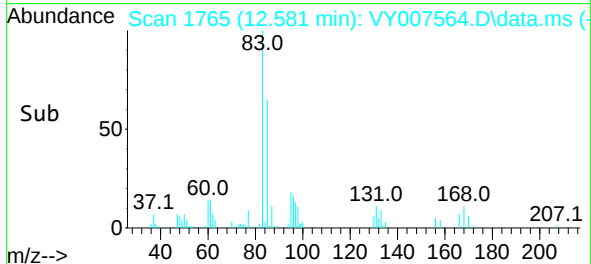
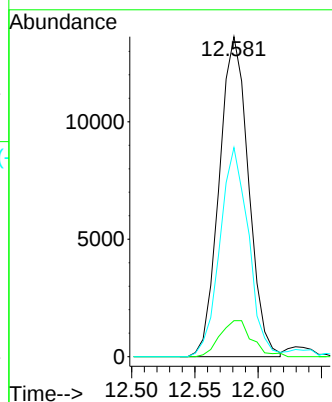
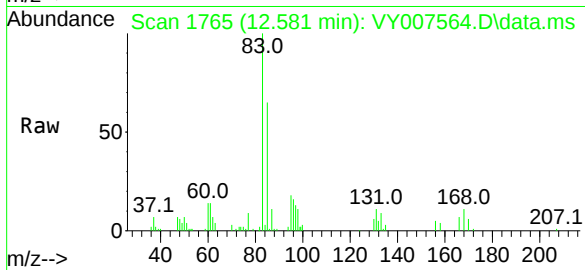




#75
1,1,2,2-Tetrachloroethane
Concen: 20.692 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

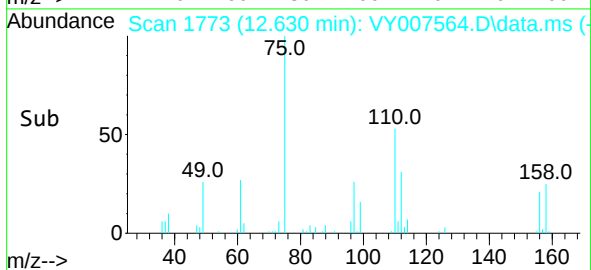
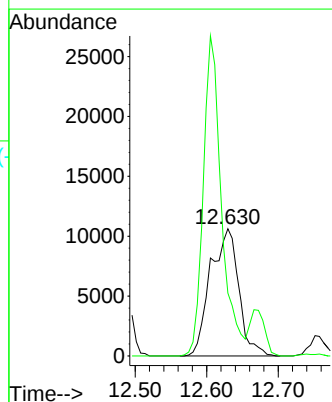
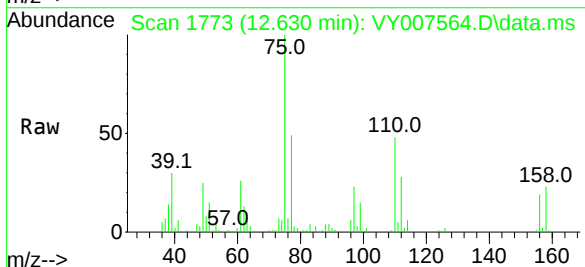
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

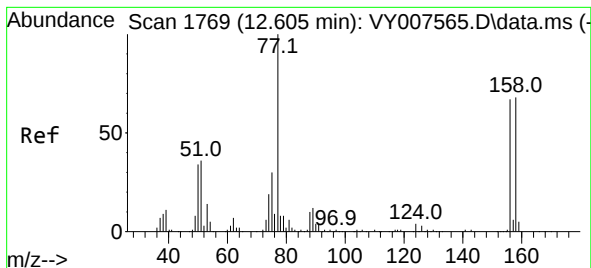
Tgt Ion: 83 Resp: 21925
Ion Ratio Lower Upper
83 100
131 12.3 5.6 16.8
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 35.462 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 75 Resp: 29194
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.868 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

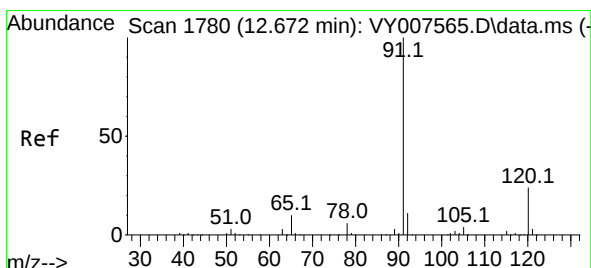
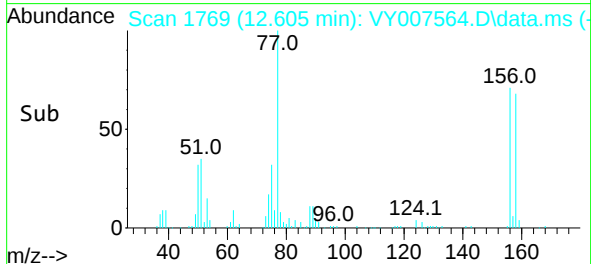
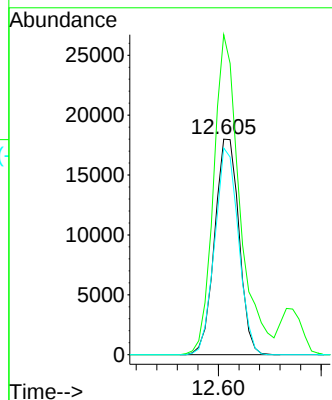
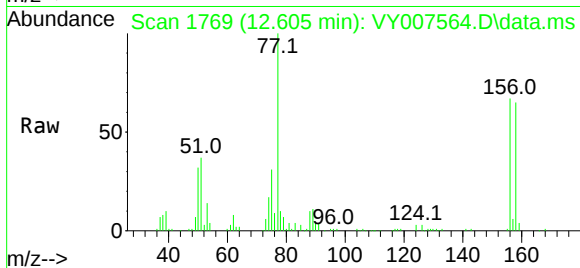
Tgt Ion:156 Resp: 29474

Ion Ratio Lower Upper

156 100

77 160.3 95.5 286.4

158 94.0 48.0 144.0



#78

n-propylbenzene

Concen: 19.497 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007564.D

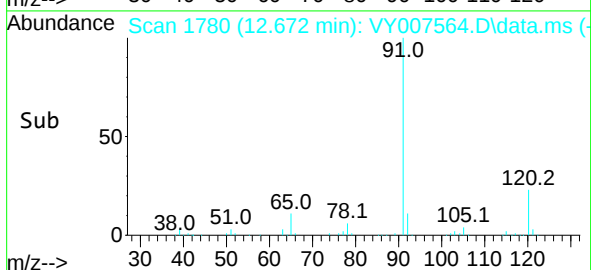
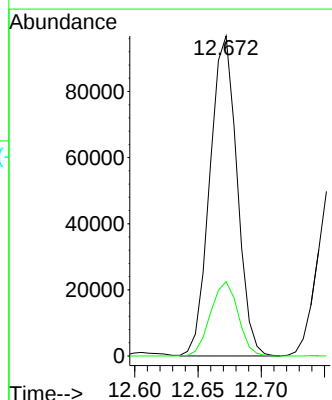
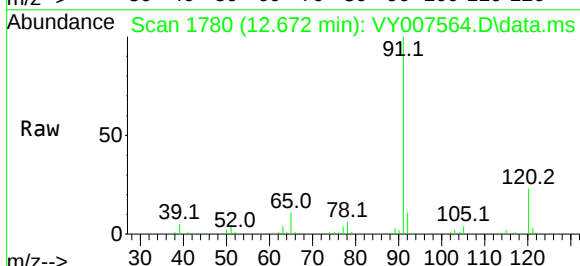
Acq: 21 Feb 2022 12:32

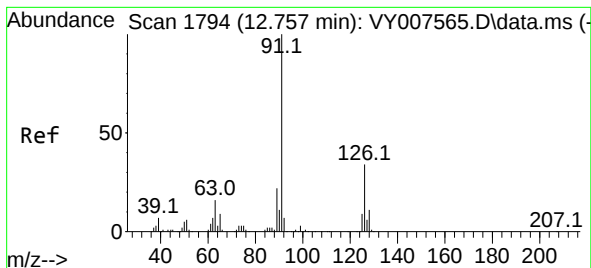
Tgt Ion: 91 Resp: 144540

Ion Ratio Lower Upper

91 100

120 23.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.771 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

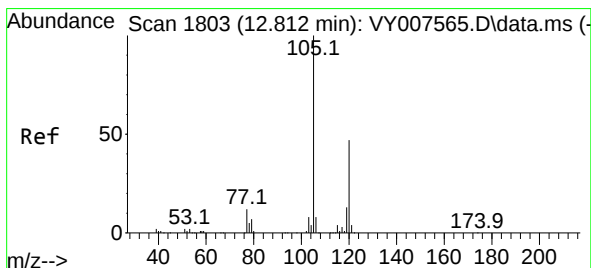
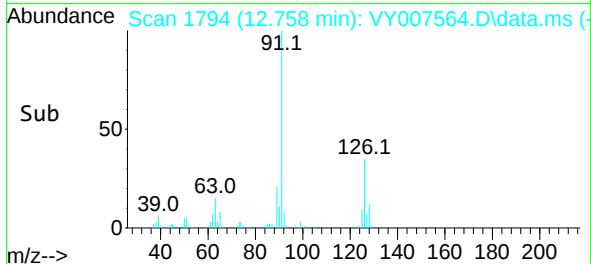
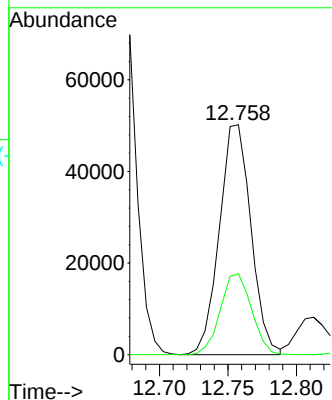
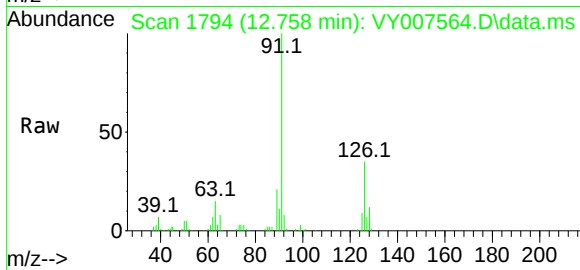
VSTDICC020

Tgt Ion: 91 Resp: 80836

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 19.931 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007564.D

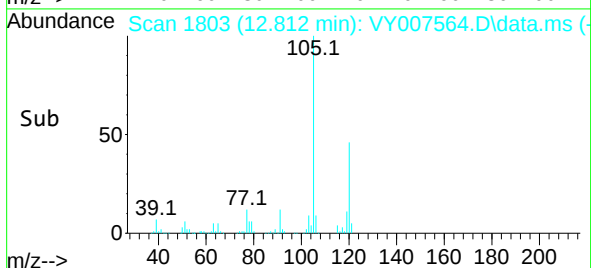
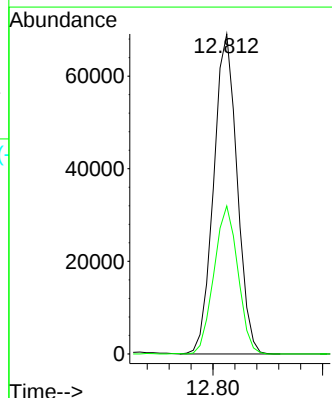
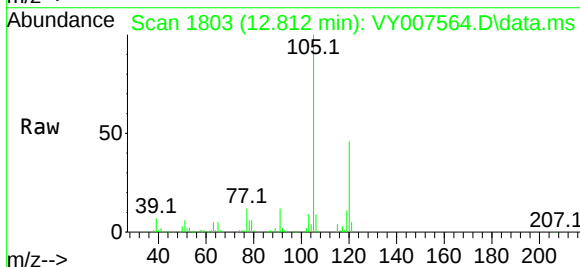
Acq: 21 Feb 2022 12:32

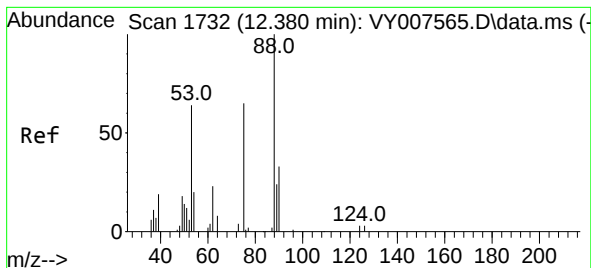
Tgt Ion: 105 Resp: 102605

Ion Ratio Lower Upper

105 100

120 47.2 24.4 73.4

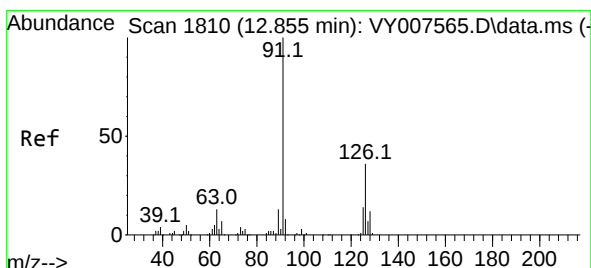
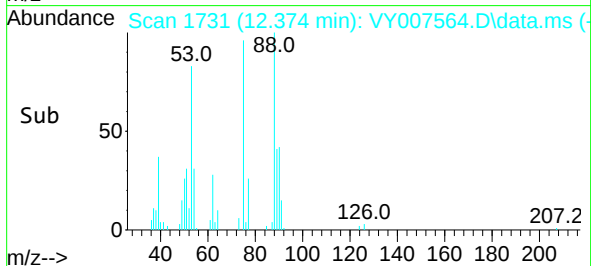
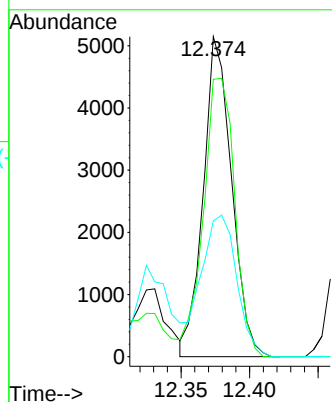
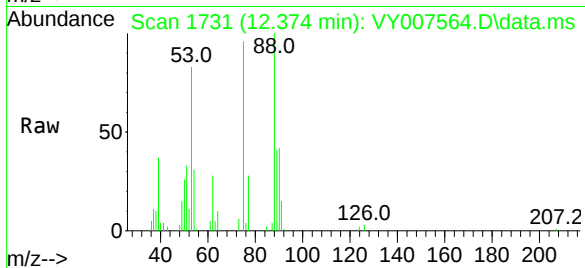




#81
trans-1,4-Dichloro-2-butene
Concen: 19.253 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

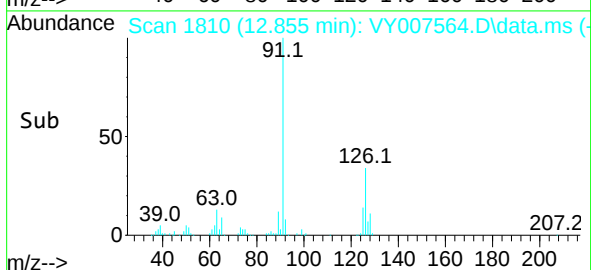
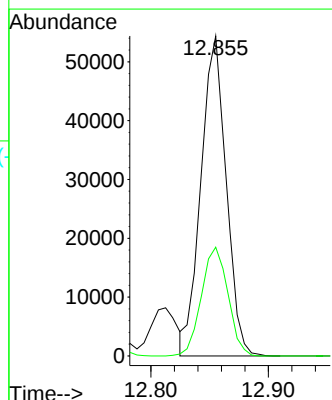
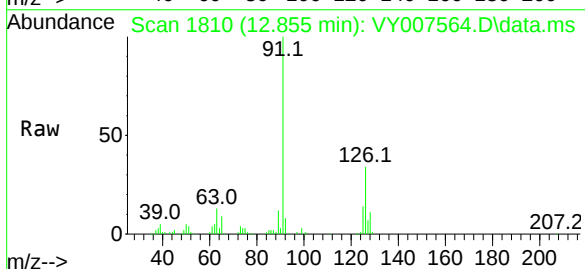
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

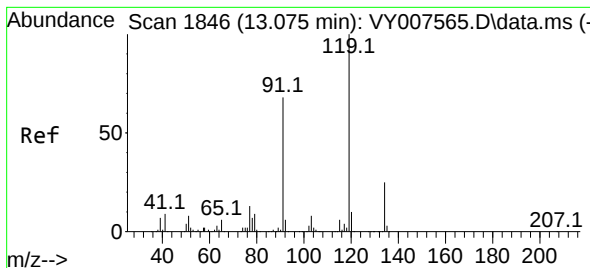
Tgt Ion: 75 Resp: 7387
Ion Ratio Lower Upper
75 100
53 95.8 85.3 127.9
89 56.6 37.0 55.4#



#82
4-Chlorotoluene
Concen: 19.323 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 91 Resp: 81076
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.611 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

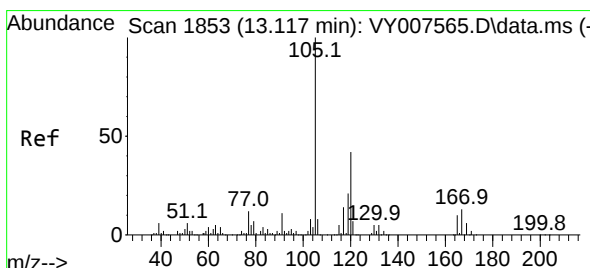
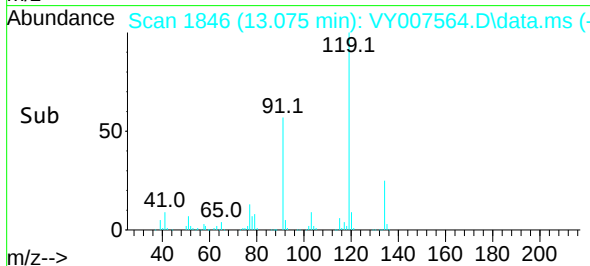
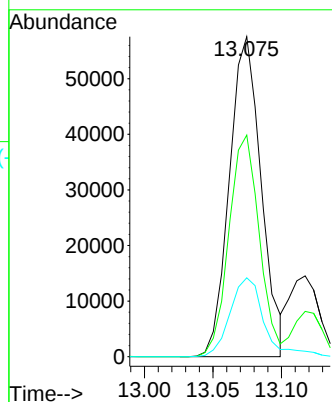
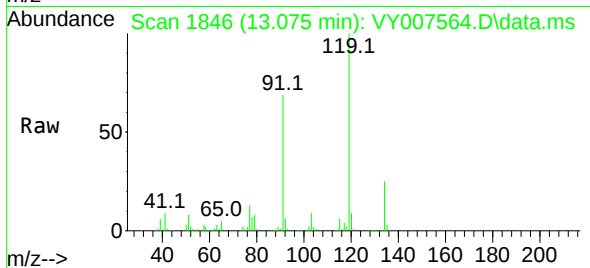
Tgt Ion:119 Resp: 93138

Ion Ratio Lower Upper

119 100

91 66.2 34.8 104.4

134 26.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.012 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007564.D

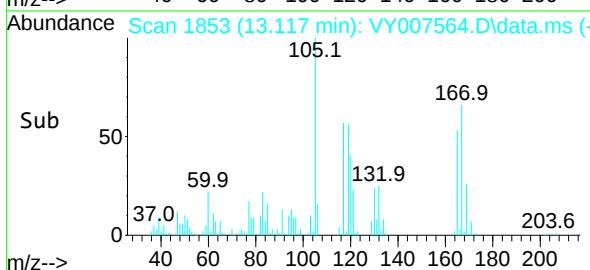
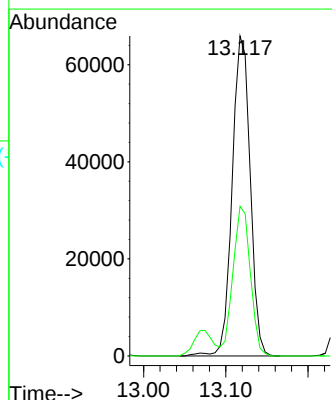
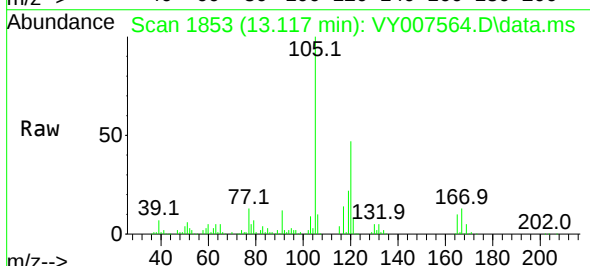
Acq: 21 Feb 2022 12:32

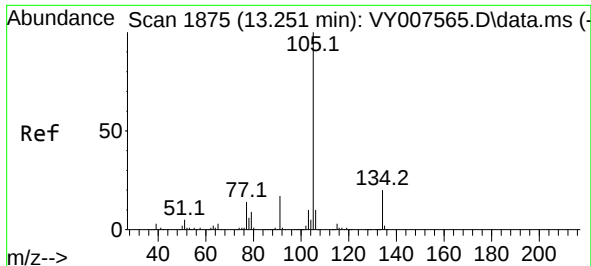
Tgt Ion:105 Resp: 100212

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.9

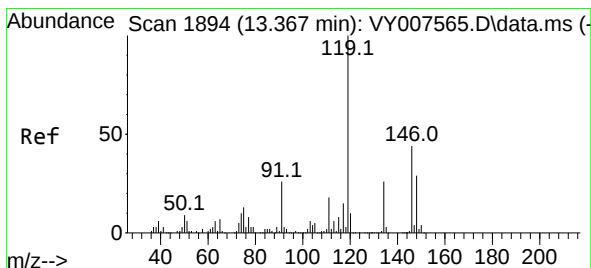
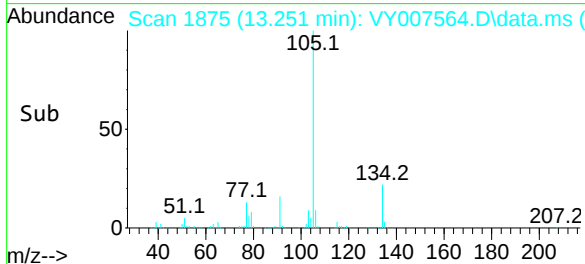
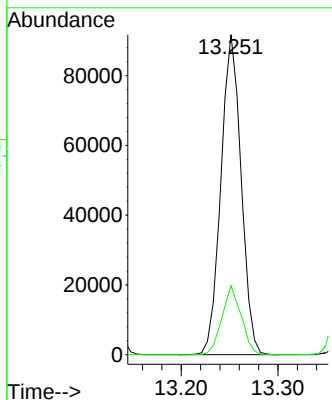
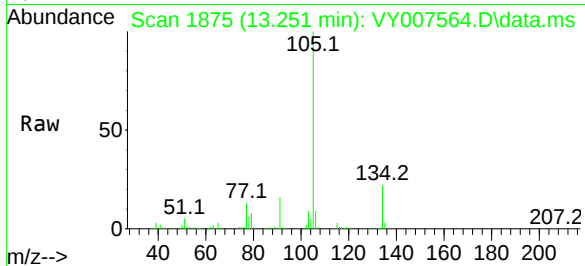




#85
 sec-Butylbenzene
 Concen: 20.031 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

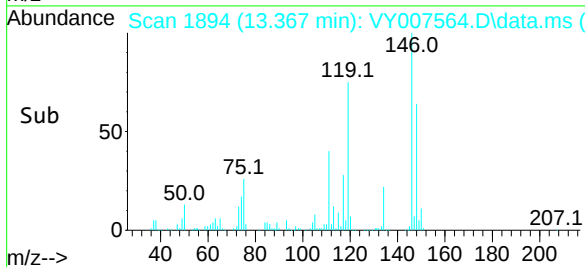
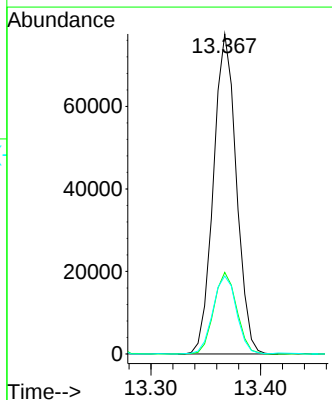
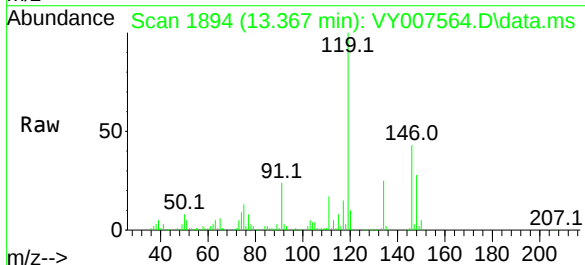
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

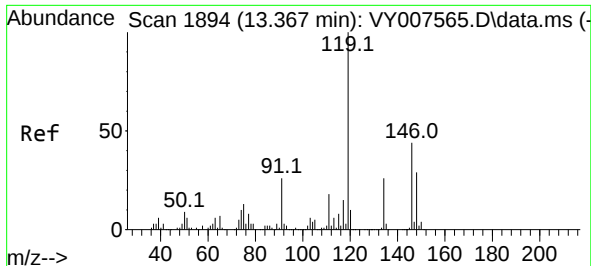
Tgt Ion:105 Resp: 132732
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.563 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

Tgt Ion:119 Resp: 112699
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.2 12.4 37.2

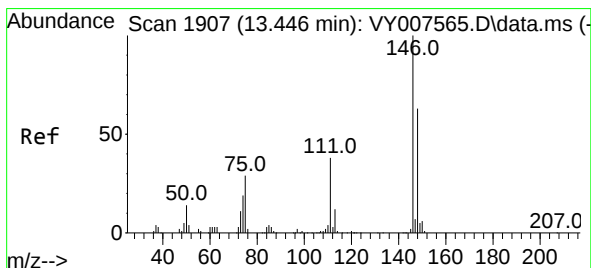
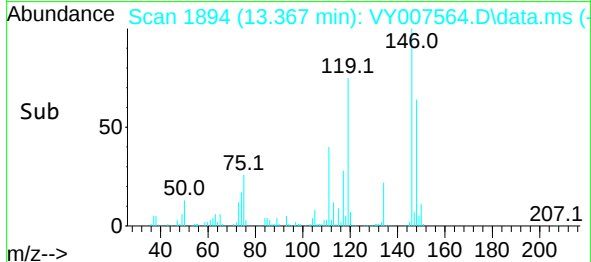
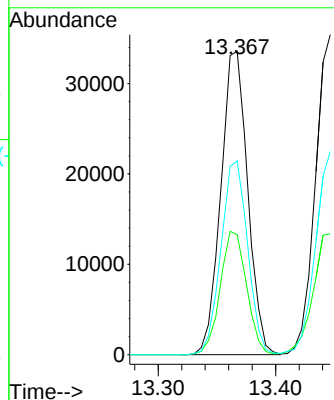
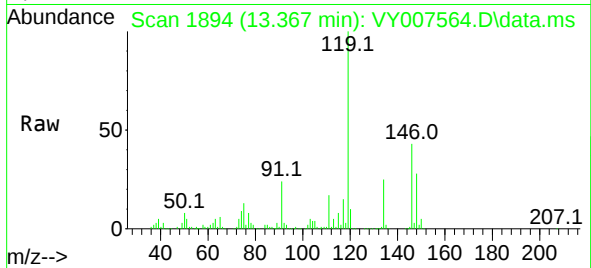




#87
1,3-Dichlorobenzene
Concen: 20.448 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

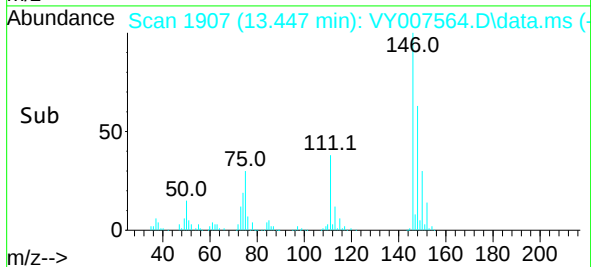
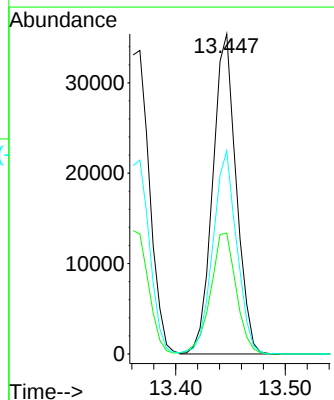
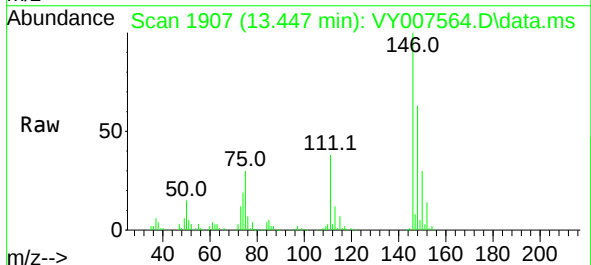
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

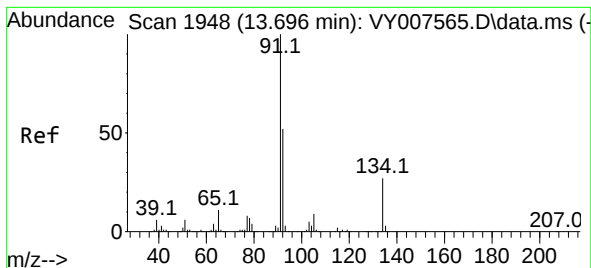
Tgt Ion:146 Resp: 53408
Ion Ratio Lower Upper
146 100
111 40.0 19.5 58.5
148 63.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.264 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:146 Resp: 52693
Ion Ratio Lower Upper
146 100
111 41.2 19.3 57.8
148 64.7 32.6 97.8





#89

n-Butylbenzene

Concen: 19.542 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

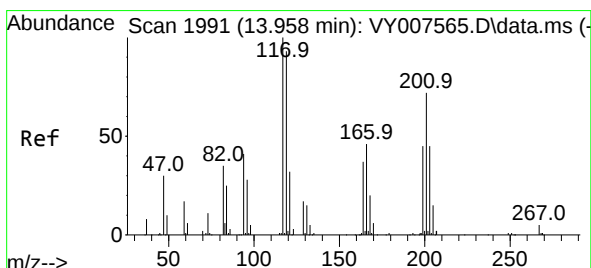
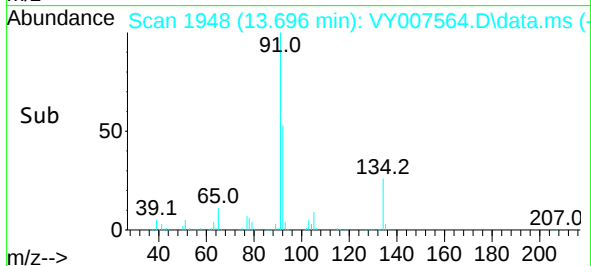
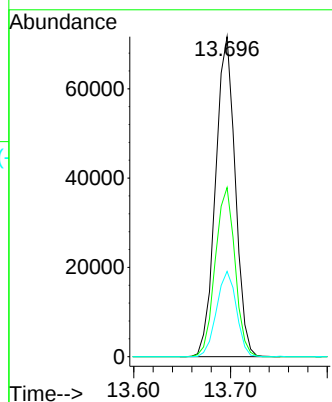
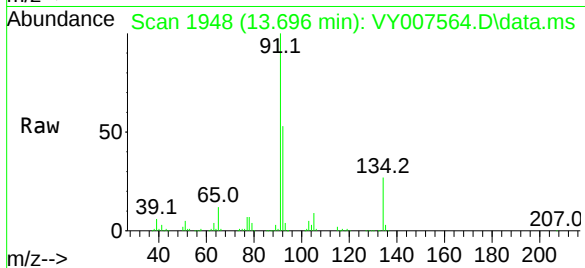
Tgt Ion: 91 Resp: 101368

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 26.9 13.0 38.9



#90

Hexachloroethane

Concen: 20.315 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY007564.D

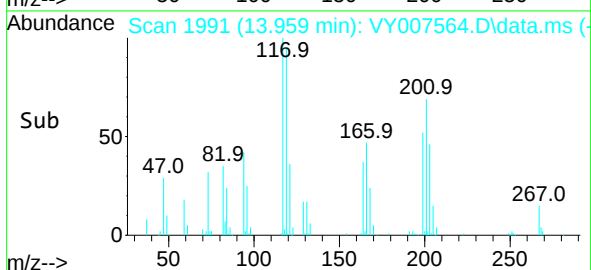
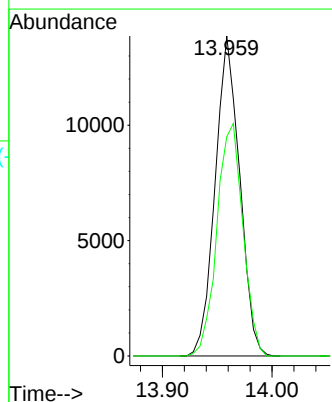
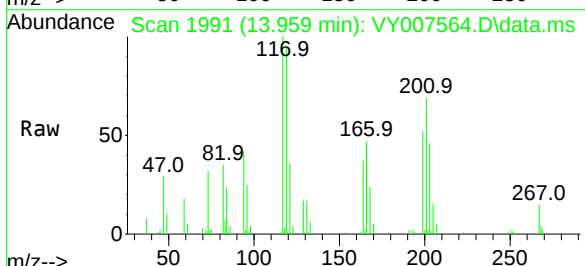
Acq: 21 Feb 2022 12:32

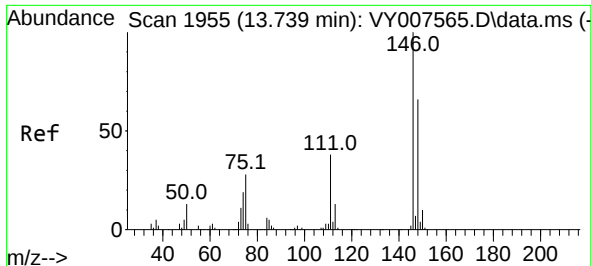
Tgt Ion: 117 Resp: 21517

Ion Ratio Lower Upper

117 100

201 77.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.784 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

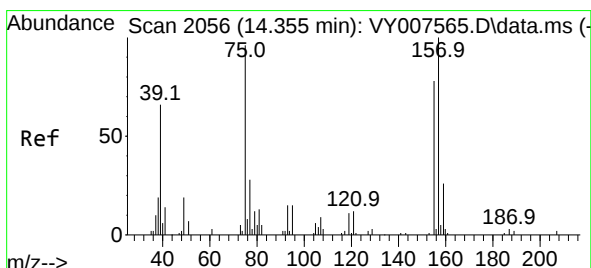
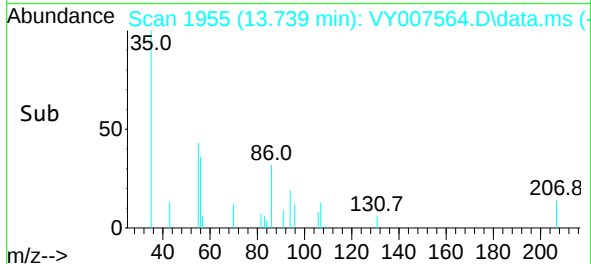
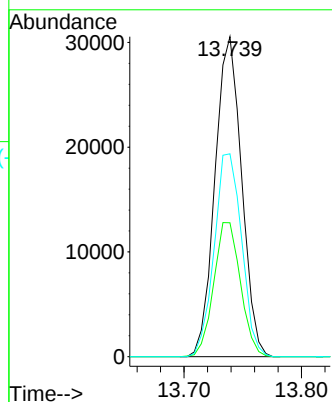
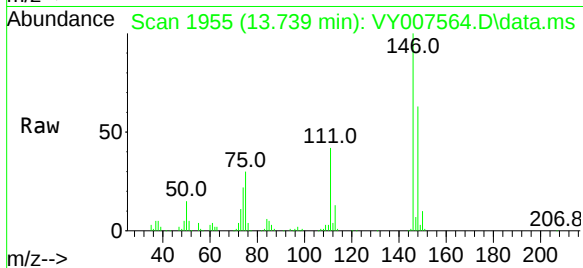
Tgt Ion:146 Resp: 48117

Ion Ratio Lower Upper

146 100

111 42.1 20.3 60.9

148 65.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.454 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

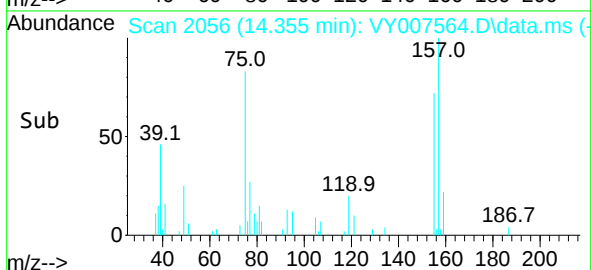
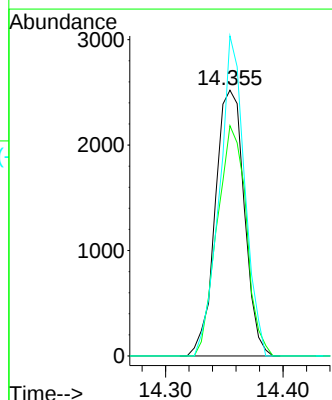
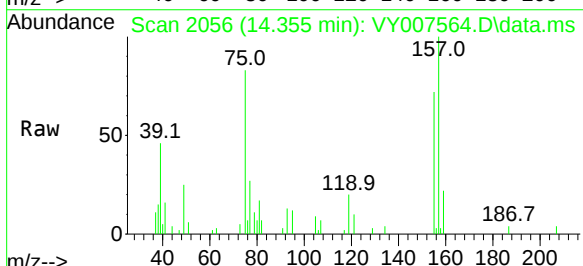
Tgt Ion: 75 Resp: 4326

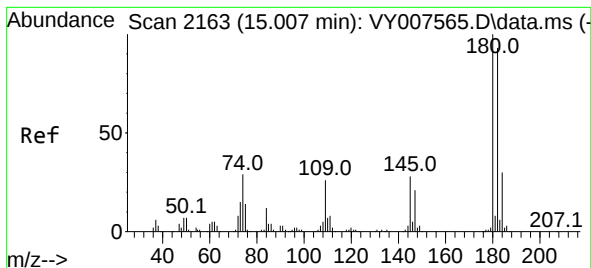
Ion Ratio Lower Upper

75 100

155 86.8 38.0 113.9

157 104.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 22.817 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

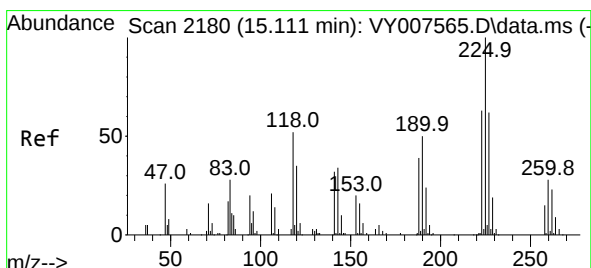
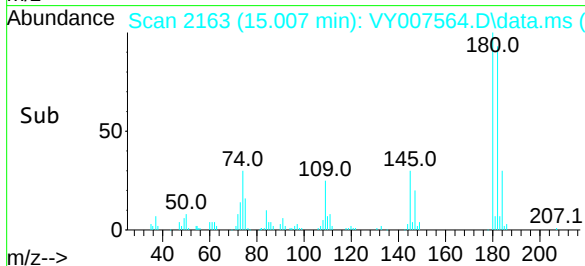
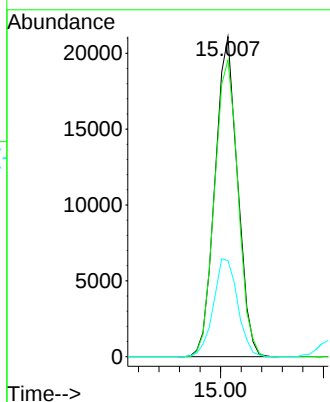
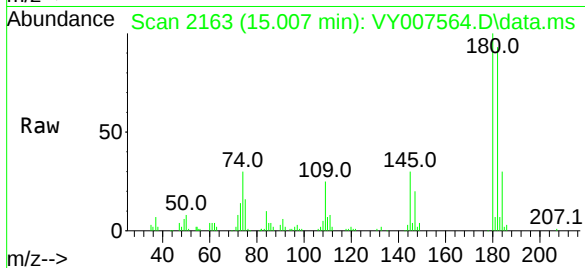
Tgt Ion:180 Resp: 32140

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.9

145 32.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 24.245 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

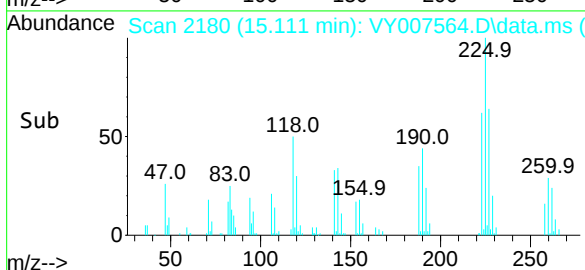
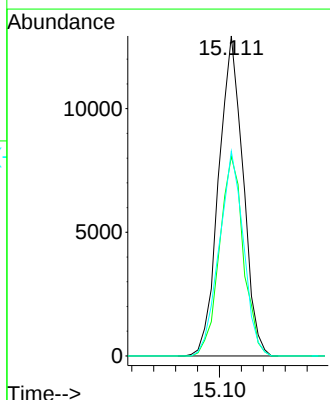
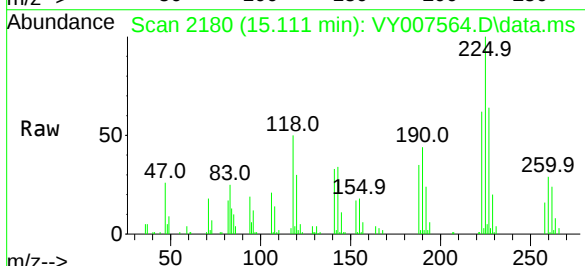
Tgt Ion:225 Resp: 19976

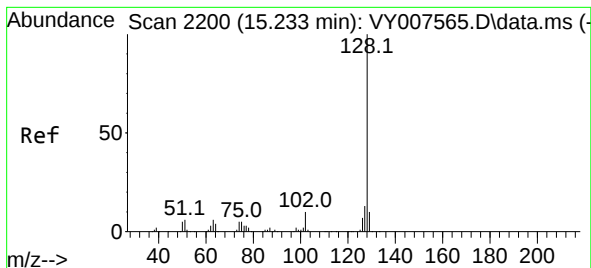
Ion Ratio Lower Upper

225 100

223 61.3 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 22.287 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

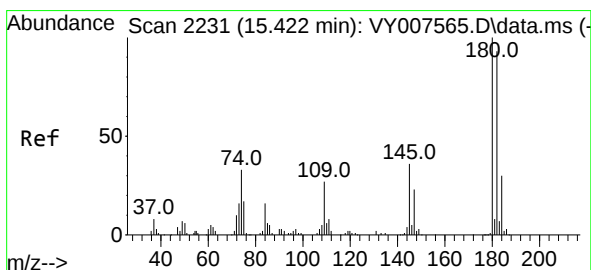
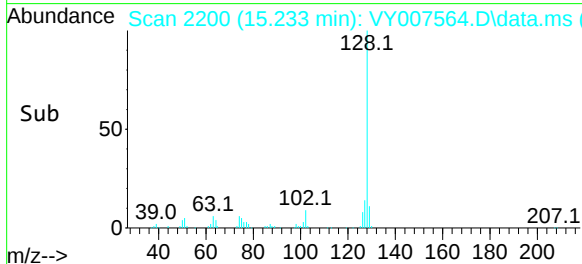
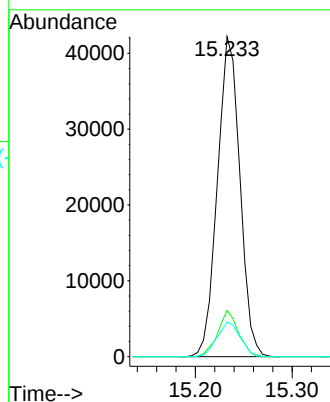
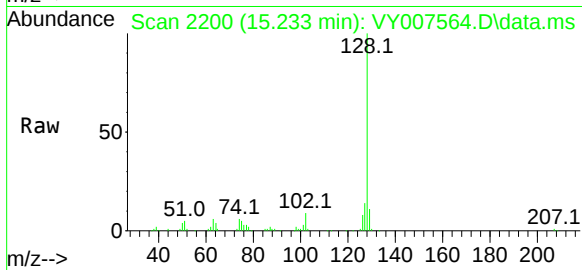
Tgt Ion:128 Resp: 68029

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 23.503 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Tgt Ion:180 Resp: 28652

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.9

145 34.0 15.3 45.9

