

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009986.D
 Acq On : 12 Aug 2022 14:57
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 13 02:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:18:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	105480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	53192	49.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.760%
35) Dibromofluoromethane	7.710	113	55929	52.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.720%
50) Toluene-d8	10.173	98	214627	52.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.477	95	76966	52.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43686	46.634	ug/l	98
3) Chloromethane	2.107	50	34428	48.547	ug/l	99
4) Vinyl Chloride	2.241	62	36051	47.737	ug/l	99
5) Bromomethane	2.637	94	25547	43.038	ug/l	96
6) Chloroethane	2.778	64	22281	45.082	ug/l	98
7) Trichlorofluoromethane	3.113	101	85769	47.498	ug/l	99
8) Diethyl Ether	3.515	74	33416	47.687	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	56582	48.075	ug/l	95
10) Methyl Iodide	4.076	142	73291	52.771	ug/l	98
11) Tert butyl alcohol	4.948	59	27095	233.264	ug/l	97
12) 1,1-Dichloroethene	3.857	96	55044	48.467	ug/l	90
13) Acrolein	3.716	56	33927	245.502	ug/l	98
14) Allyl chloride	4.460	41	75965	48.400	ug/l	92
15) Acrylonitrile	5.155	53	81584	246.244	ug/l	99
16) Acetone	3.936	43	67267	258.226	ug/l #	84
17) Carbon Disulfide	4.174	76	179291	48.127	ug/l	99
18) Methyl Acetate	4.466	43	36377	43.884	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	143025	51.437	ug/l	99
20) Methylene Chloride	4.698	84	69061	41.317	ug/l #	89
21) trans-1,2-Dichloroethene	5.204	96	62009	49.160	ug/l	94
22) Diisopropyl ether	6.106	45	156633	48.843	ug/l	94
23) Vinyl Acetate	6.045	43	510874	256.729	ug/l	96
24) 1,1-Dichloroethane	6.003	63	99195	48.860	ug/l	99
25) 2-Butanone	6.978	43	98318	246.451	ug/l	92
26) 2,2-Dichloropropane	6.972	77	87013	48.111	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	67911	50.000	ug/l	93
28) Bromochloromethane	7.326	49	40681	50.048	ug/l	84
29) Tetrahydrofuran	7.338	42	62793	245.690	ug/l #	87
30) Chloroform	7.496	83	104420	48.952	ug/l	94
31) Cyclohexane	7.777	56	90328	47.089	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	89774	49.505	ug/l	98
36) 1,1-Dichloropropene	7.911	75	79835	49.919	ug/l	99
37) Ethyl Acetate	7.063	43	42610	49.950	ug/l #	94
38) Carbon Tetrachloride	7.893	117	81217	50.547	ug/l	98
39) Methylcyclohexane	9.179	83	99831	51.855	ug/l	97
40) Benzene	8.149	78	242961	49.982	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	56484	55.837	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	63895	50.883	ug/l	98
43) Isopropyl Acetate	8.264	43	75478	50.647	ug/l	93
44) Trichloroethene	8.929	130	66992	51.295	ug/l	100
45) 1,2-Dichloropropane	9.209	63	57632	49.942	ug/l	98
46) Dibromomethane	9.301	93	35778	51.260	ug/l	99
47) Bromodichloromethane	9.490	83	79862	51.426	ug/l	98
48) Methyl methacrylate	9.289	41	33647	51.626	ug/l	92
49) 1,4-Dioxane	9.289	88	9264	1138.015	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	210619	259.458	ug/l	93
52) Toluene	10.240	92	151728	52.049	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	83273	52.080	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	96363	52.254	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	50925	51.047	ug/l	99
56) Ethyl methacrylate	10.508	69	68199	55.070	ug/l	90
57) 1,3-Dichloropropane	10.782	76	83492	51.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	128864	240.816	ug/l	98
59) 2-Hexanone	10.825	43	150731	266.968	ug/l	90
60) Dibromochloromethane	10.977	129	60417	52.554	ug/l	98
61) 1,2-Dibromoethane	11.087	107	49412	51.707	ug/l	97
64) Tetrachloroethene	10.715	164	59778	52.848	ug/l	97
65) Chlorobenzene	11.514	112	162135	50.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	59032	50.894	ug/l	98
67) Ethyl Benzene	11.587	91	281655	51.754	ug/l	97
68) m/p-Xylenes	11.697	106	219672	106.183	ug/l	95
69) o-Xylene	12.026	106	102380	52.254	ug/l	95
70) Styrene	12.038	104	177081	52.995	ug/l	99
71) Bromoform	12.203	173	36904	53.237	ug/l #	100
73) Isopropylbenzene	12.325	105	269664	51.961	ug/l	99
74) N-amyl acetate	12.142	43	69648	51.324	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	59671	49.850	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	77375	54.128	ug/l #	100
77) Bromobenzene	12.605	156	64292	50.076	ug/l	92
78) n-propylbenzene	12.666	91	337675	50.278	ug/l	99
79) 2-Chlorotoluene	12.751	91	193723	49.745	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	228969	51.896	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	21356	50.724	ug/l	91
82) 4-Chlorotoluene	12.849	91	201246	50.423	ug/l	97
83) tert-Butylbenzene	13.075	119	200045	52.552	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	226977	52.197	ug/l	98
85) sec-Butylbenzene	13.251	105	295263	51.044	ug/l	99
86) p-Isopropyltoluene	13.367	119	242168	52.359	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	126149	49.433	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	128018	49.234	ug/l	98
89) n-Butylbenzene	13.696	91	234143	52.593	ug/l	98
90) Hexachloroethane	13.958	117	49575	50.193	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	117134	51.040	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9746	52.407	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	68220	51.644	ug/l	98
94) Hexachlorobutadiene	15.111	225	35884	48.795	ug/l	99
95) Naphthalene	15.233	128	153008	54.992	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	61069	52.086	ug/l	98

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Response via : Initial Calibration

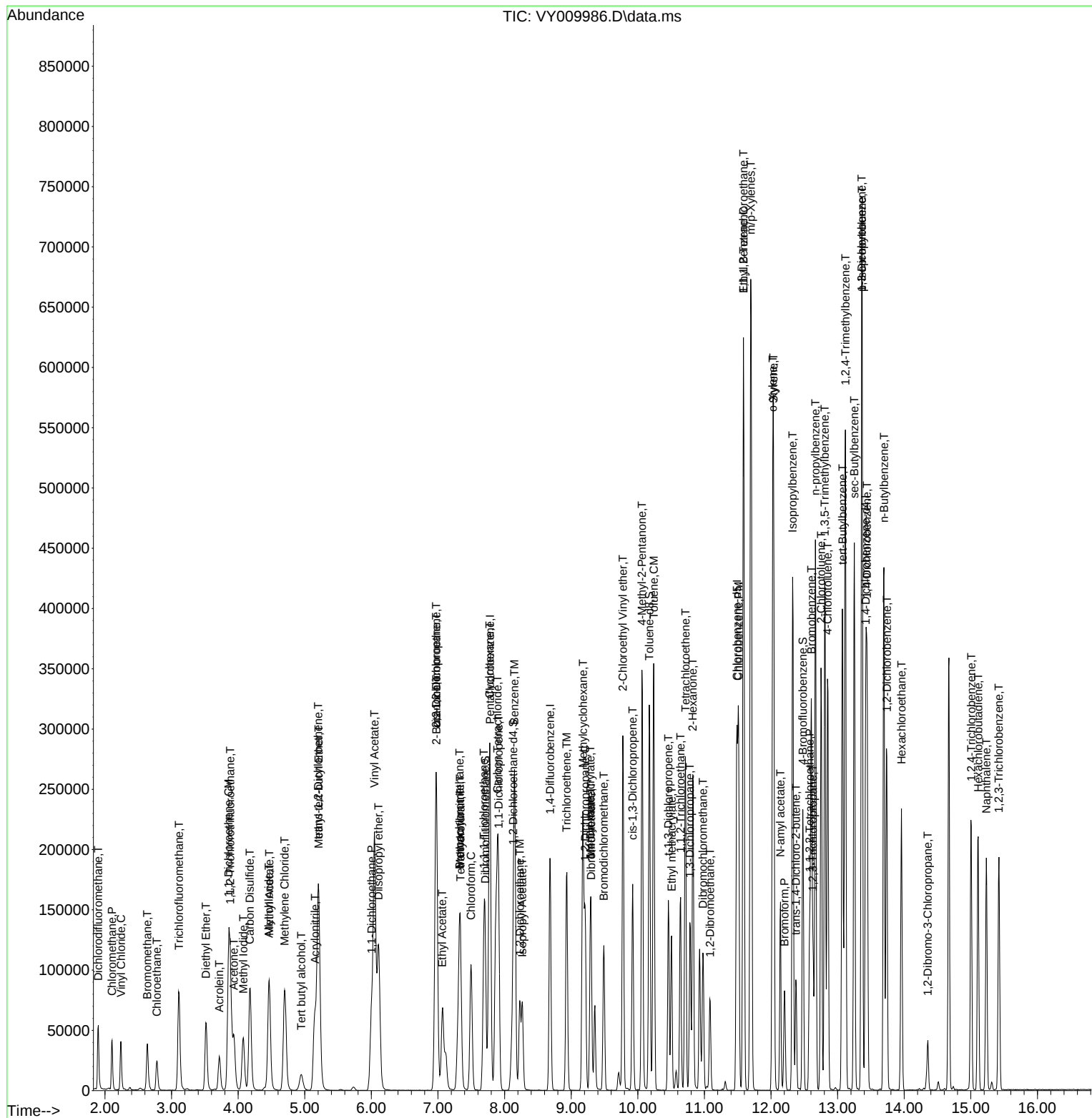
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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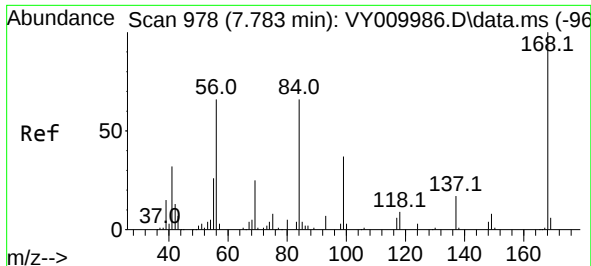
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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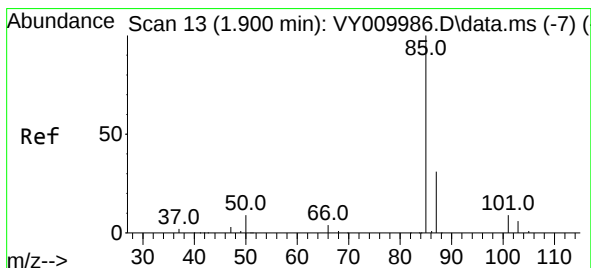
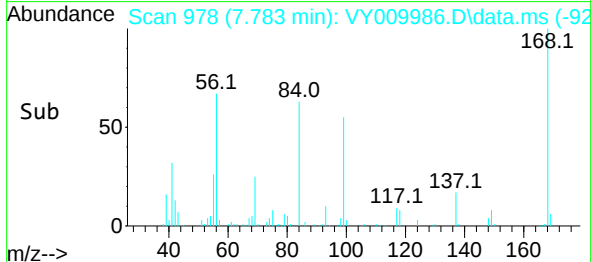
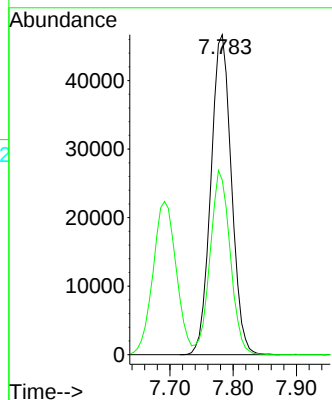
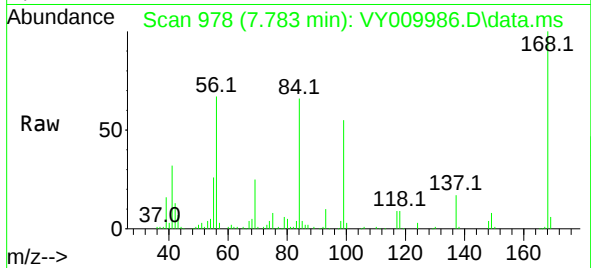




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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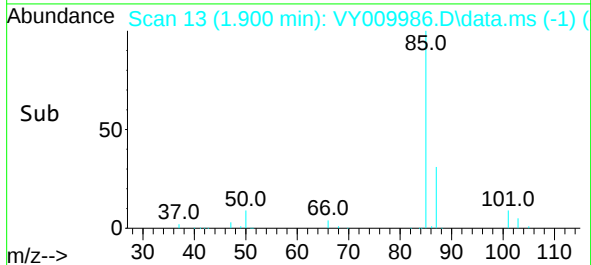
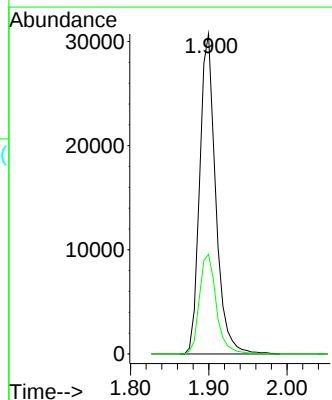
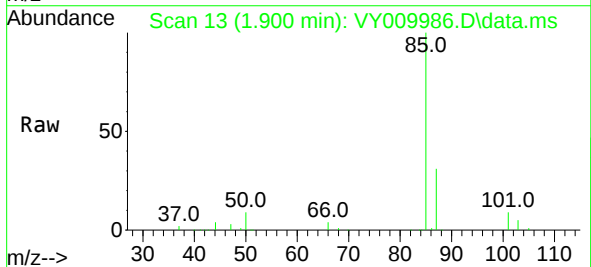
Instrument :
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ClientSampleId :
VSTDICCC050

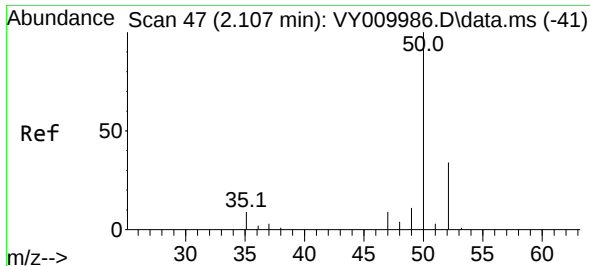
Tgt Ion:168 Resp: 105480
Ion Ratio Lower Upper
168 100
99 54.5 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 46.634 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 85 Resp: 43686
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.5

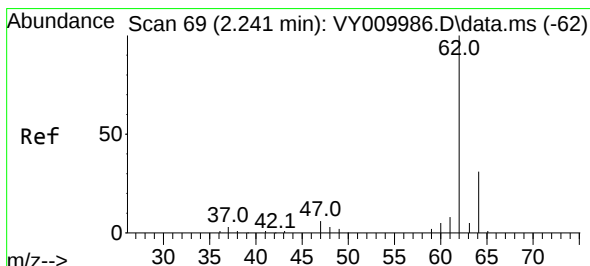
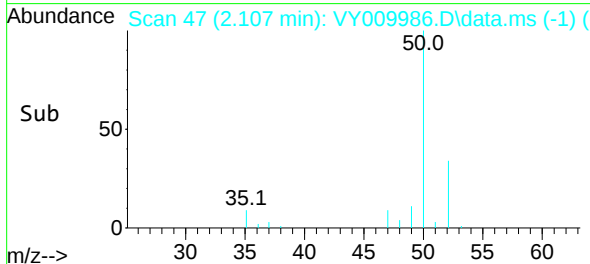
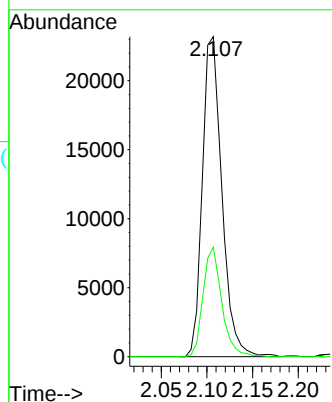
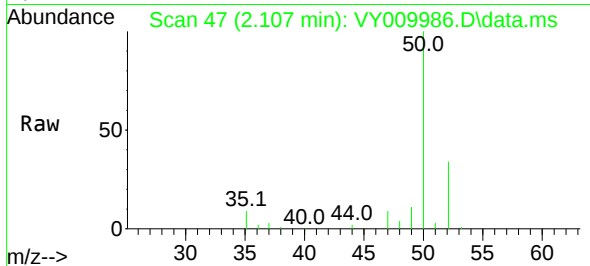




#3
Chloromethane
Concen: 48.547 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

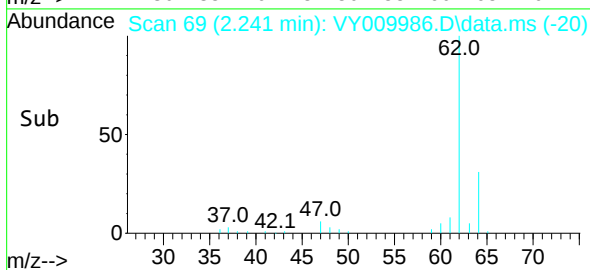
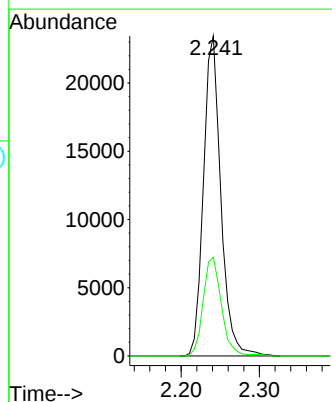
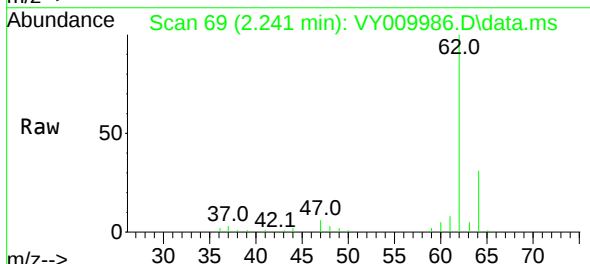
Instrument :
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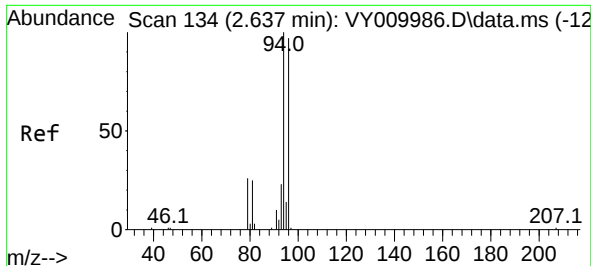
Tgt Ion: 50 Resp: 34428
Ion Ratio Lower Upper
50 100
52 34.3 27.9 41.9



#4
Vinyl Chloride
Concen: 47.737 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 62 Resp: 36051
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4

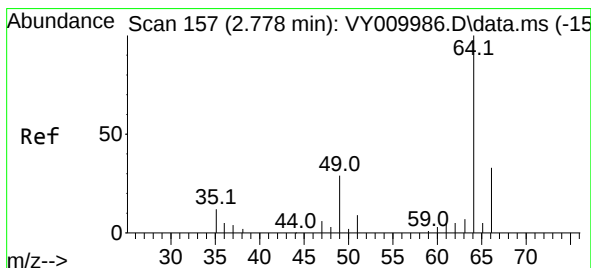
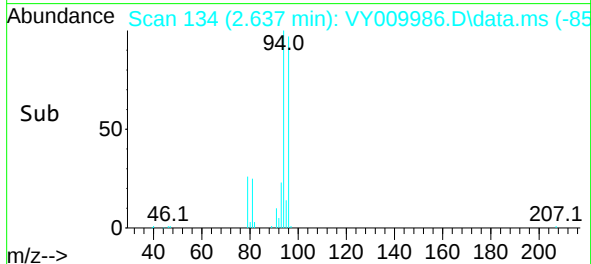
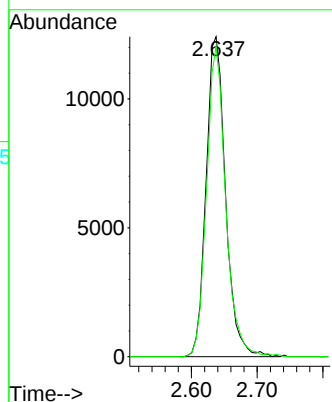
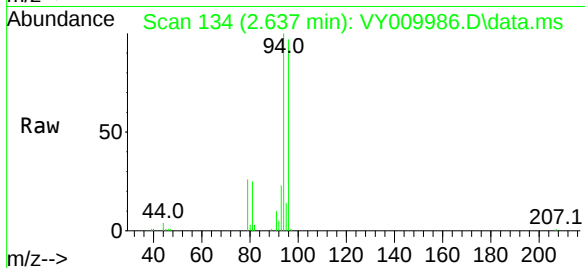




#5
Bromomethane
Concen: 43.038 ug/l
RT: 2.637 min Scan# 134
Delta R.T. 0.000 min
Lab File: VY009986.D
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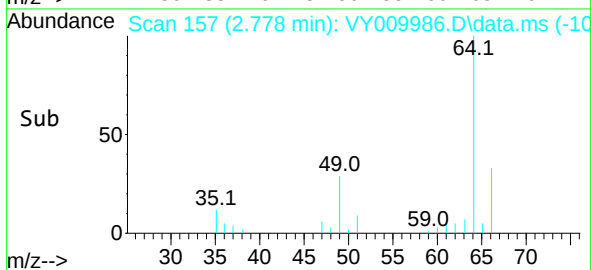
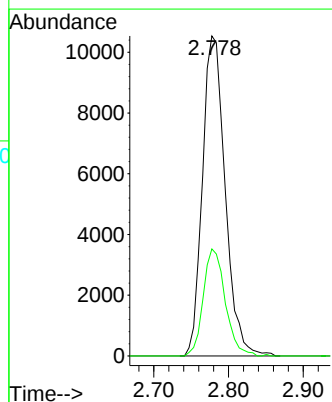
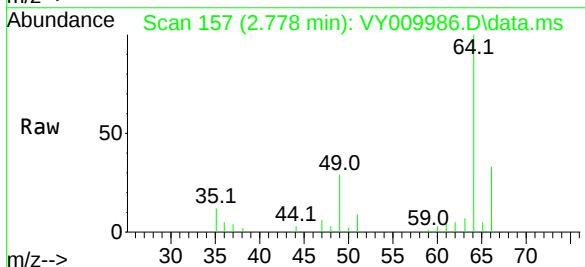
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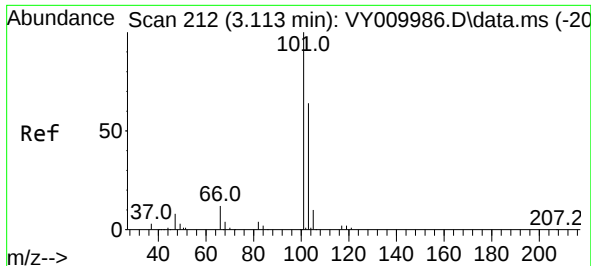
Tgt Ion: 94 Resp: 25547
Ion Ratio Lower Upper
94 100
96 96.9 74.6 111.8



#6
Chloroethane
Concen: 45.082 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY009986.D
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Tgt Ion: 64 Resp: 22281
Ion Ratio Lower Upper
64 100
66 33.4 25.8 38.8

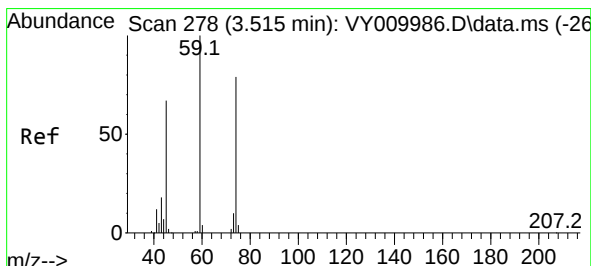
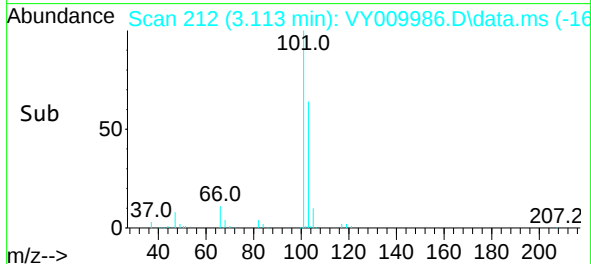
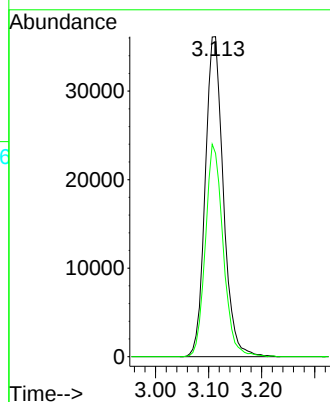
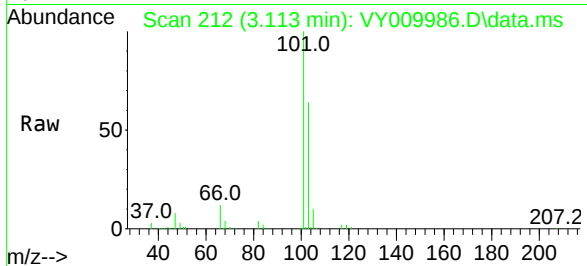




#7
 Trichlorofluoromethane
 Concen: 47.498 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY009986.D
 Acq: 12 Aug 2022 14:57

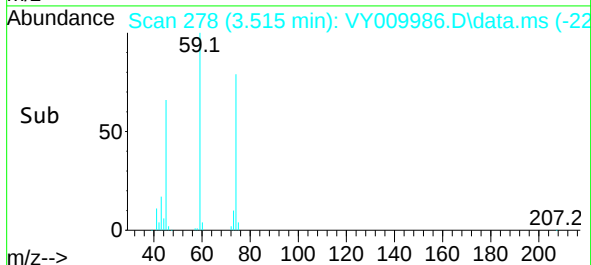
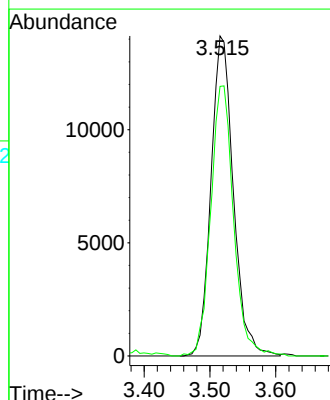
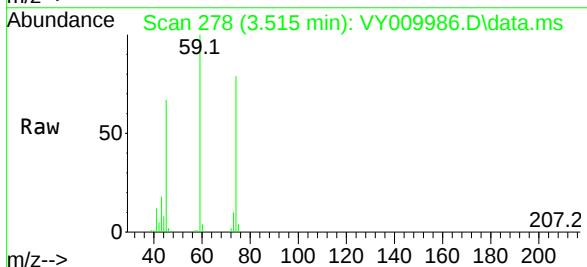
Instrument :
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 ClientSampleId :
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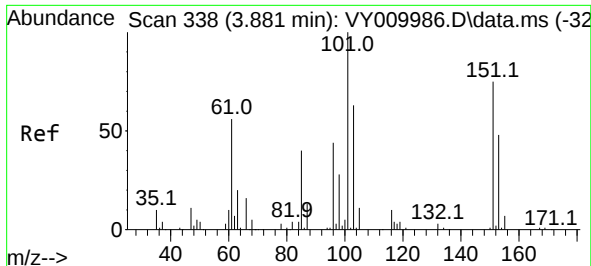
Tgt Ion:101 Resp: 85769
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 47.687 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY009986.D
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Tgt Ion: 74 Resp: 33416
 Ion Ratio Lower Upper
 74 100
 45 86.5 49.1 147.4

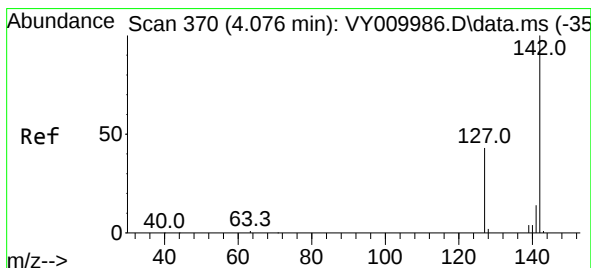
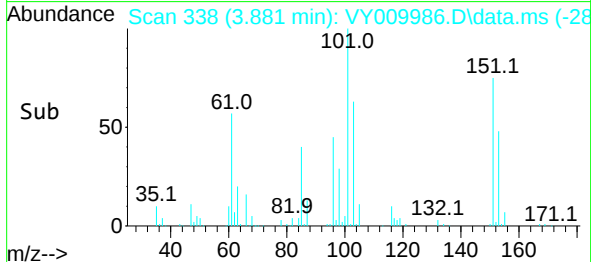
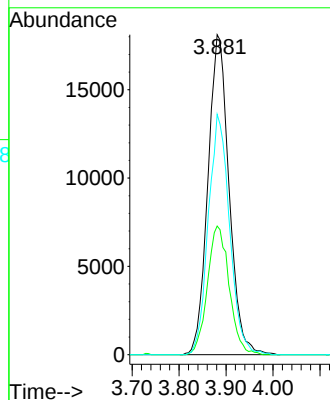
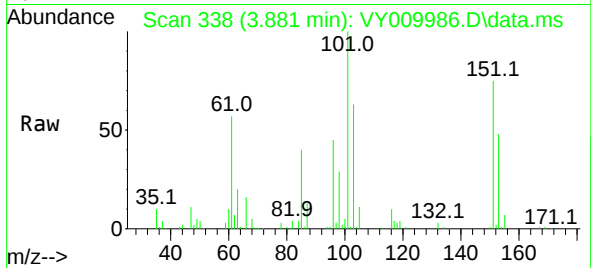




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.075 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

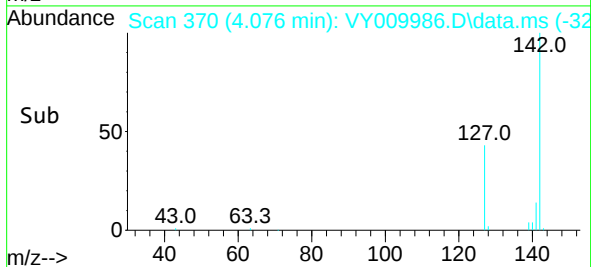
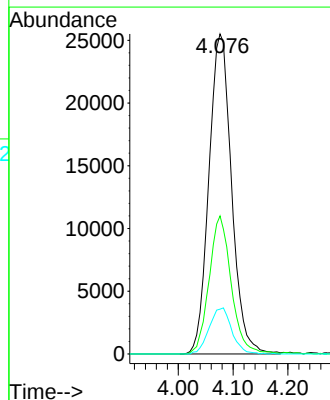
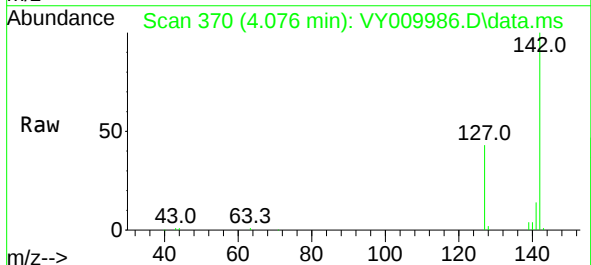
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

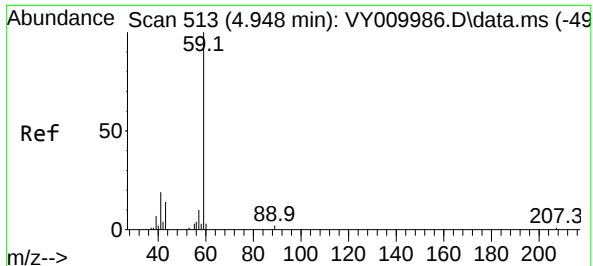
Tgt Ion:101 Resp: 56582
Ion Ratio Lower Upper
101 100
85 41.3 36.2 54.2
151 75.5 63.6 95.4



#10
Methyl Iodide
Concen: 52.771 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion:142 Resp: 73291
Ion Ratio Lower Upper
142 100
127 42.0 35.2 52.8
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 233.264 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

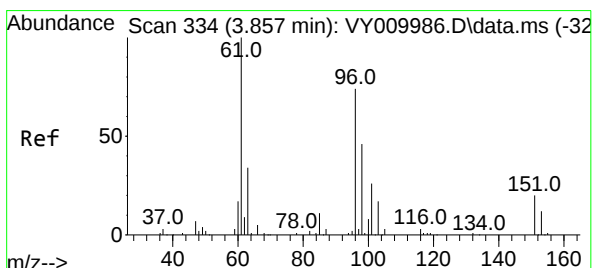
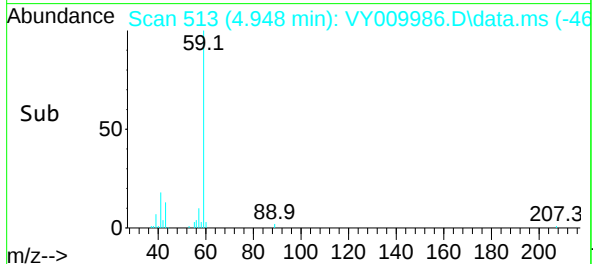
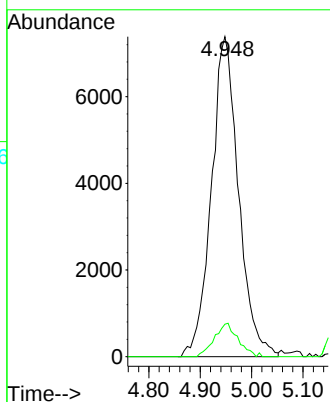
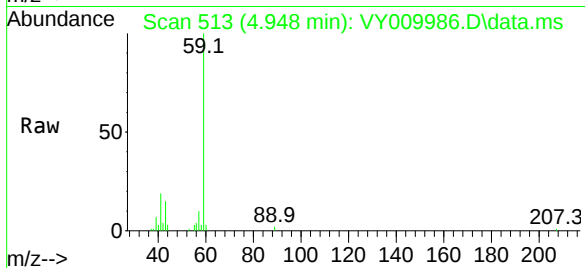
VSTDICCC050

Tgt Ion: 59 Resp: 27095

Ion Ratio Lower Upper

59 100

57 9.1 6.3 9.5



#12

1,1-Dichloroethene

Concen: 48.467 ug/l

RT: 3.857 min Scan# 334

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

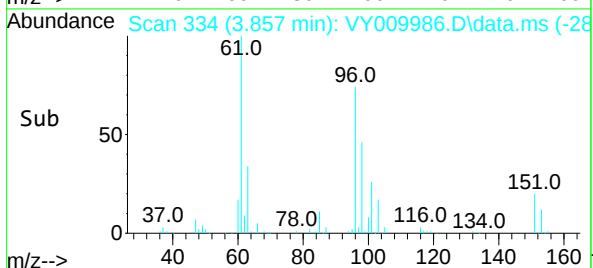
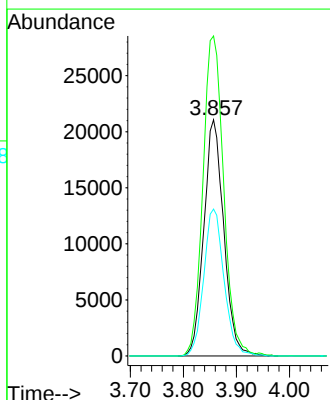
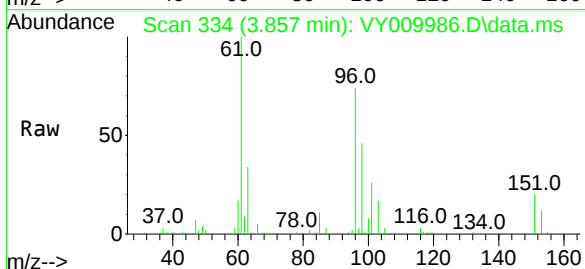
Tgt Ion: 96 Resp: 55044

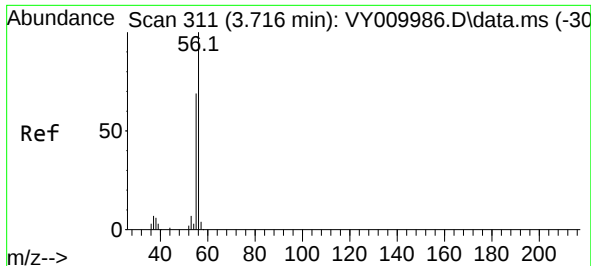
Ion Ratio Lower Upper

96 100

61 135.5 121.9 182.9

98 62.2 48.2 72.4





#13

Acrolein

Concen: 245.502 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

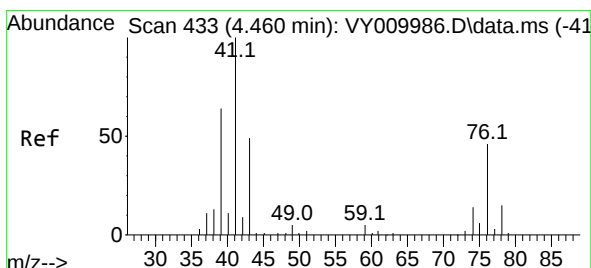
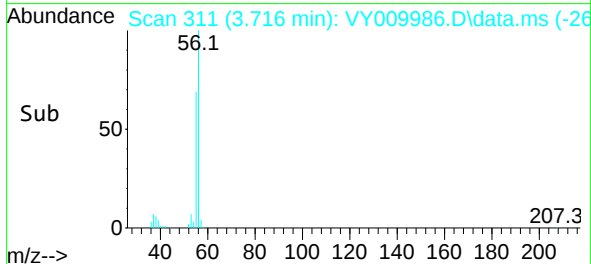
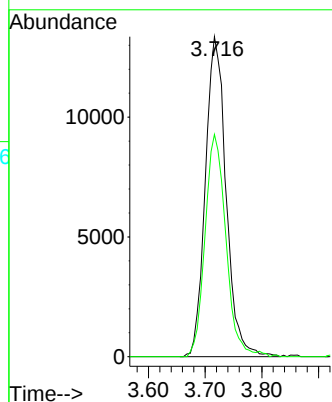
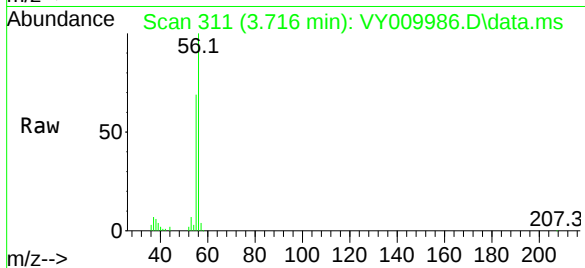
VSTDICCC050

Tgt Ion: 56 Resp: 33927

Ion Ratio Lower Upper

56 100

55 70.1 54.8 82.2



#14

Allyl chloride

Concen: 48.400 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

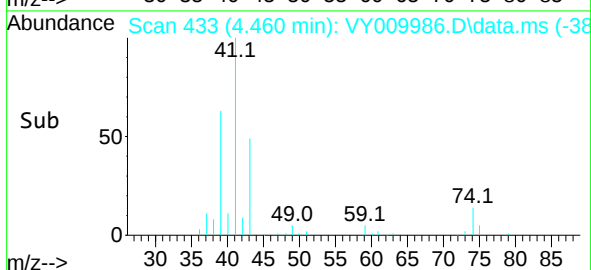
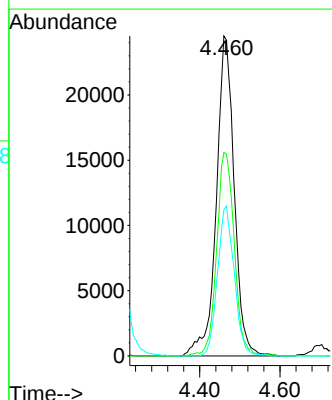
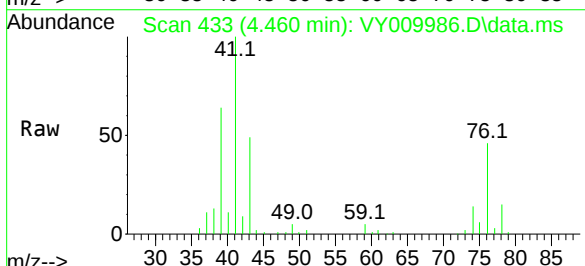
Tgt Ion: 41 Resp: 75965

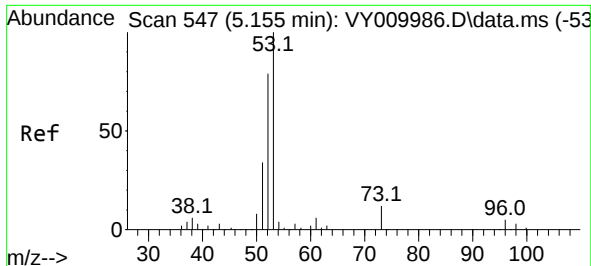
Ion Ratio Lower Upper

41 100

39 62.4 53.5 80.3

76 43.8 29.4 44.0

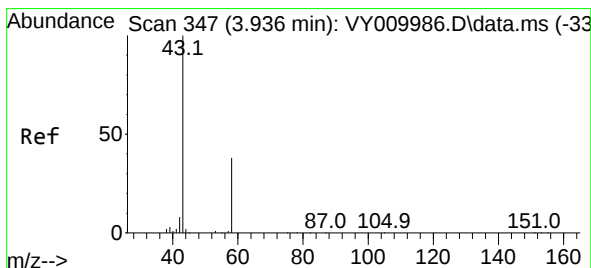
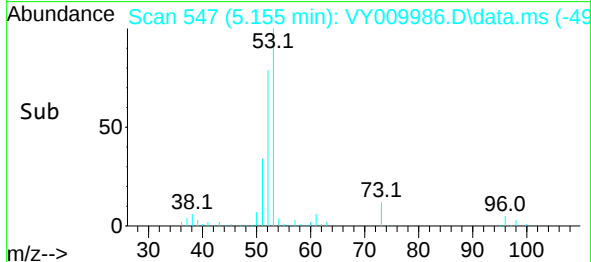
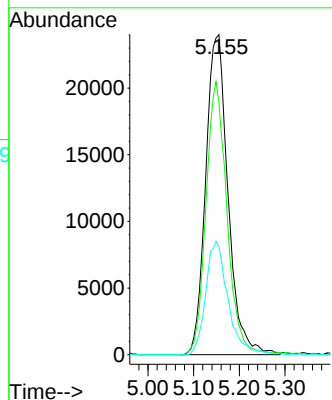
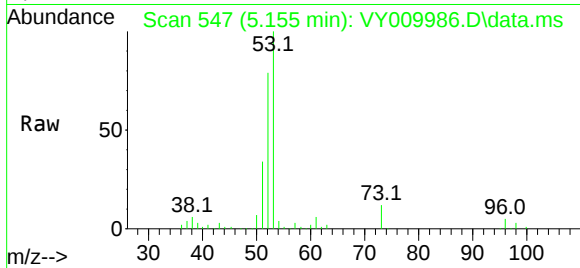




#15
Acrylonitrile
Concen: 246.244 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

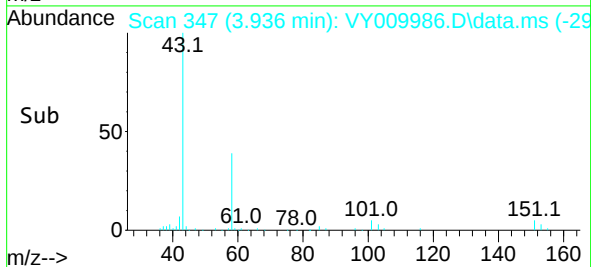
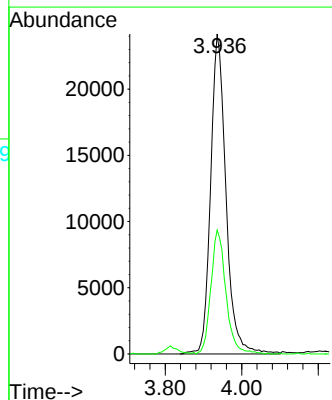
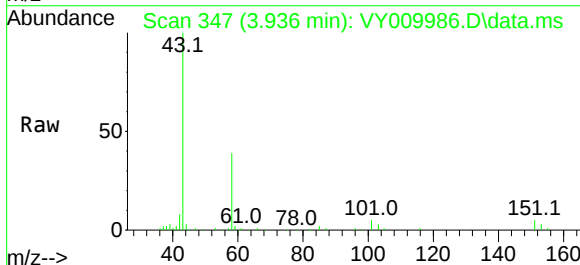
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

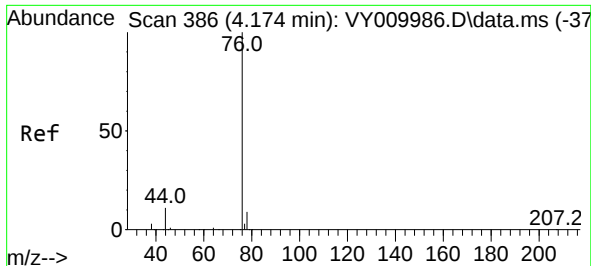
Tgt Ion:	53	Resp:	81584
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.4	98.2
51	35.4	28.4	42.6



#16
Acetone
Concen: 258.226 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion:	43	Resp:	67267
Ion	Ratio	Lower	Upper
43	100		
58	38.5	24.0	36.0

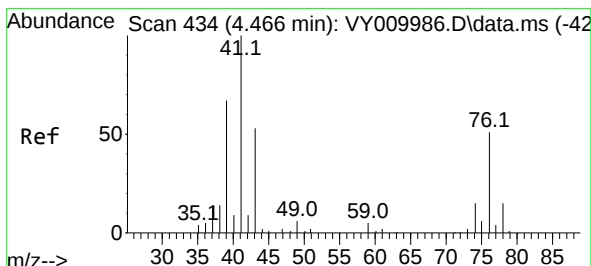
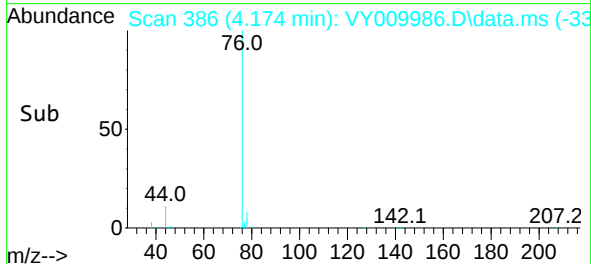
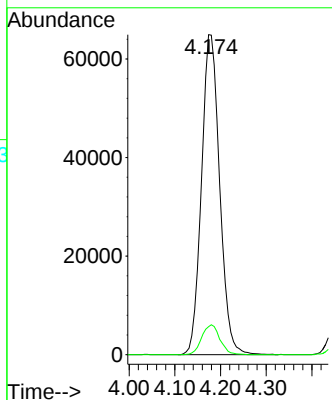
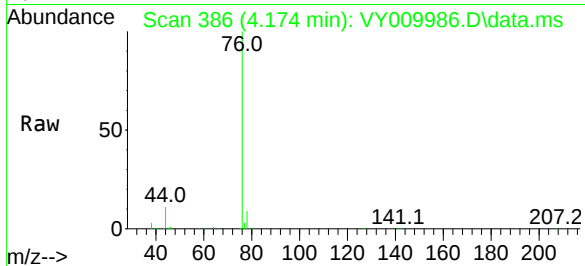




#17
Carbon Disulfide
Concen: 48.127 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

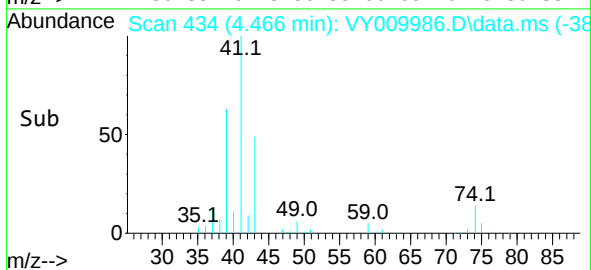
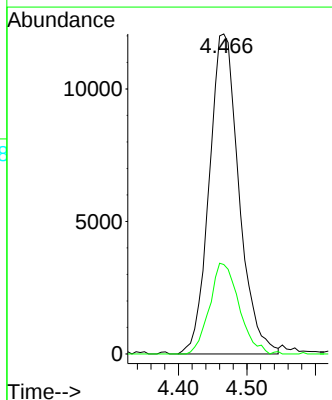
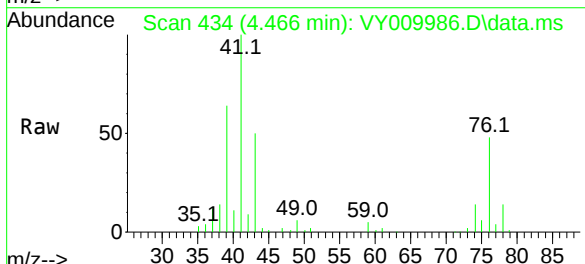
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

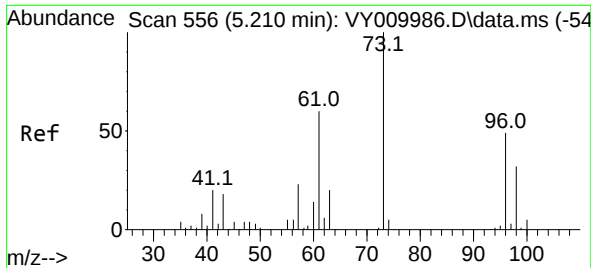
Tgt Ion: 76 Resp: 179291
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 43.884 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 43 Resp: 36377
Ion Ratio Lower Upper
43 100
74 27.9 18.8 28.2

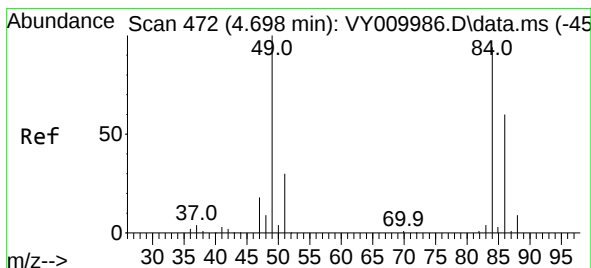
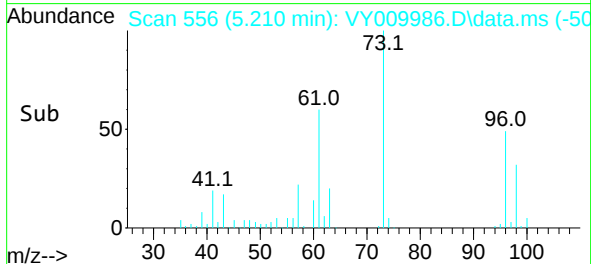
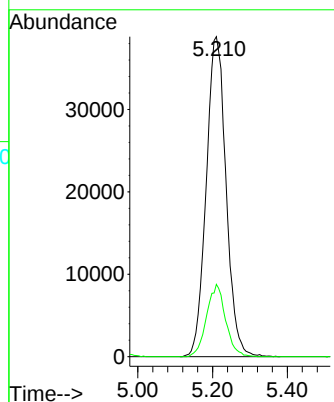
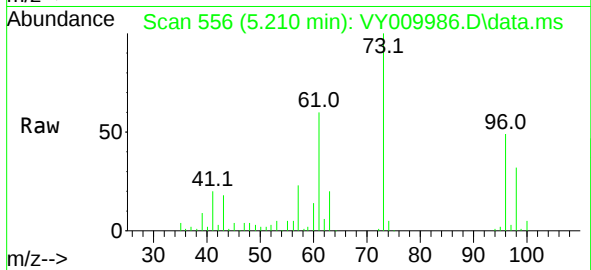




#19
Methyl tert-butyl Ether
Concen: 51.437 ug/l
RT: 5.210 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

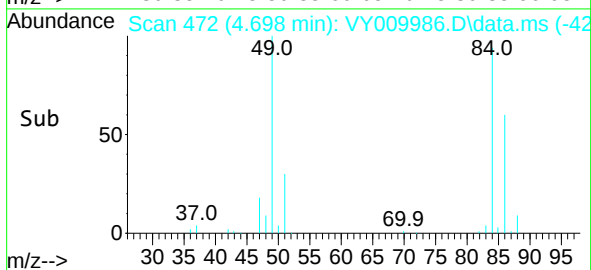
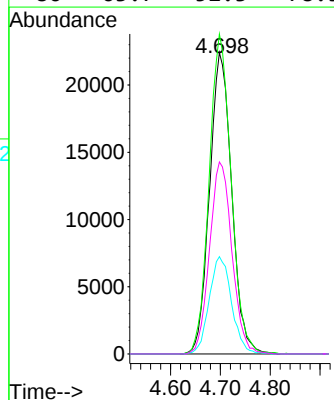
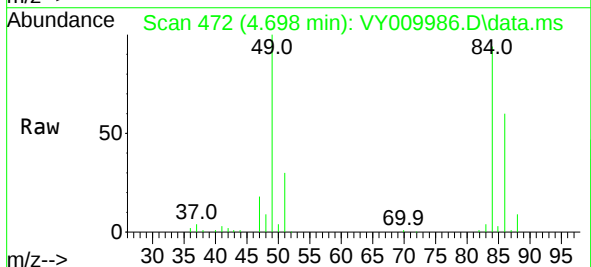
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

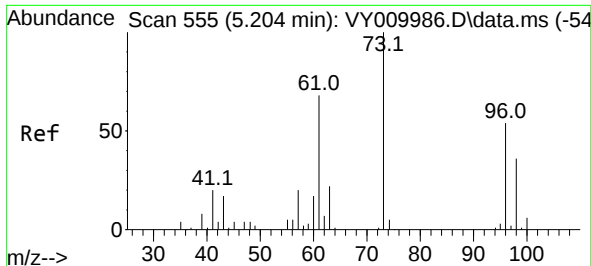
Tgt Ion: 73 Resp: 143025
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7



#20
Methylene Chloride
Concen: 41.317 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 84 Resp: 69061
Ion Ratio Lower Upper
84 100
49 106.2 98.2 147.4
51 32.3 33.4 50.0#
86 63.7 52.3 78.5

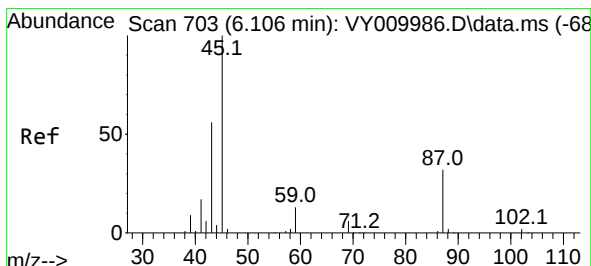
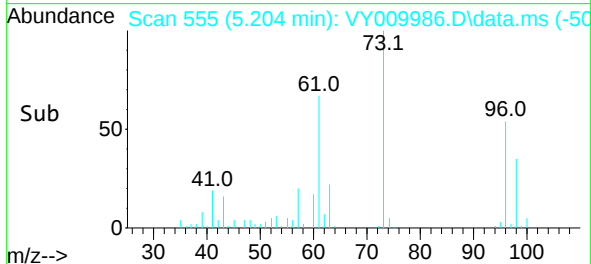
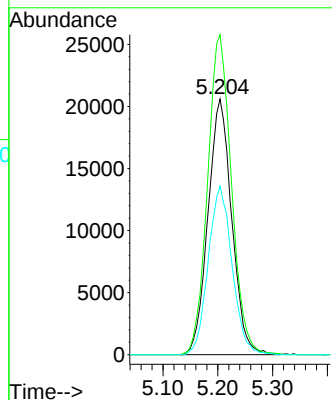
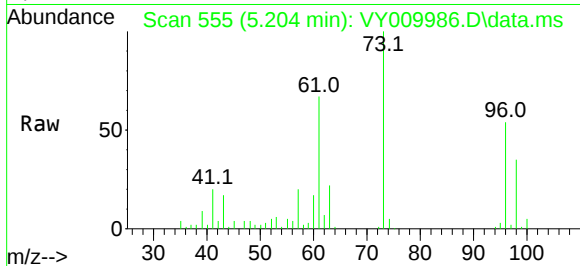




#21
trans-1,2-Dichloroethene
Concen: 49.160 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

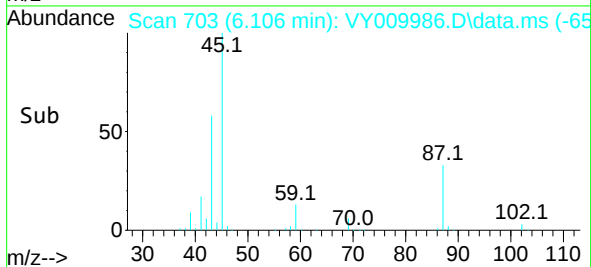
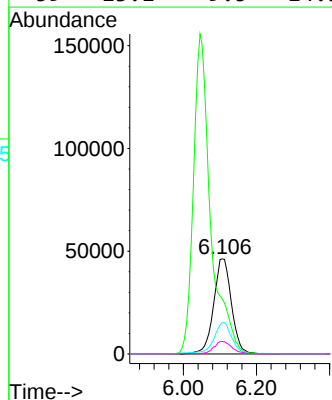
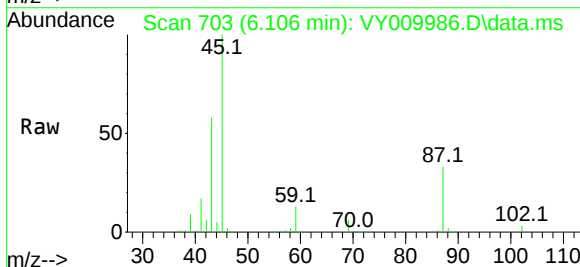
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

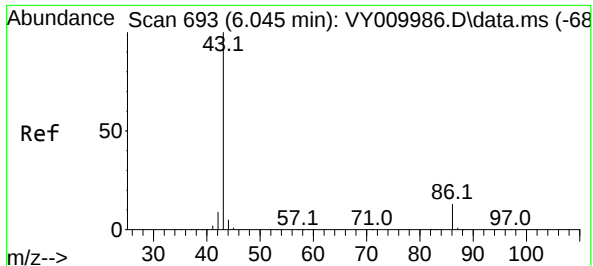
Tgt Ion: 96 Resp: 62009
Ion Ratio Lower Upper
96 100
61 125.2 105.8 158.6
98 65.9 49.7 74.5



#22
Diisopropyl ether
Concen: 48.843 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 45 Resp: 156633
Ion Ratio Lower Upper
45 100
43 57.6 43.7 65.5
87 32.8 22.2 33.4
59 13.1 9.5 14.3





#23

Vinyl Acetate

Concen: 256.729 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

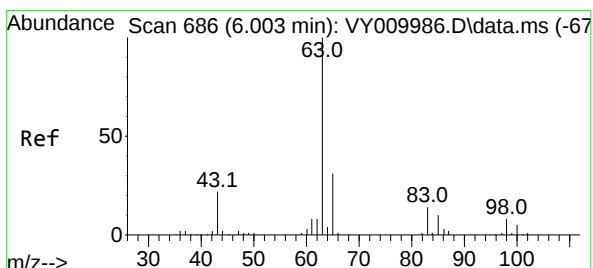
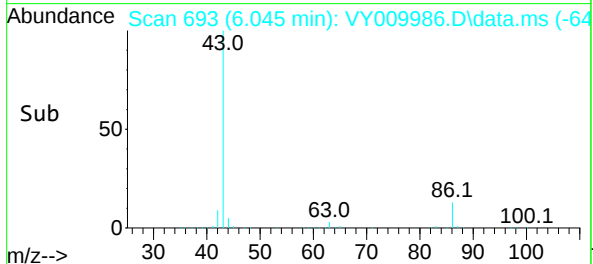
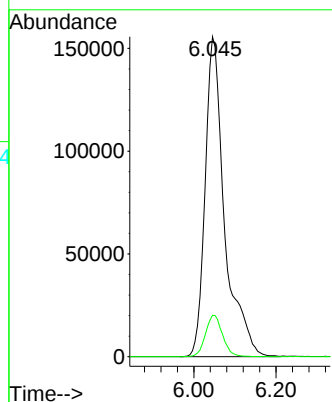
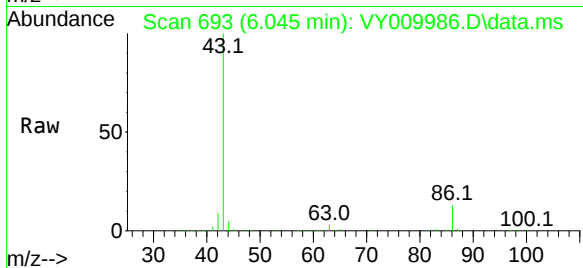
VSTDICCC050

Tgt Ion: 43 Resp: 510874

Ion Ratio Lower Upper

43 100

86 13.0 9.0 13.6



#24

1,1-Dichloroethane

Concen: 48.860 ug/l

RT: 6.003 min Scan# 686

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

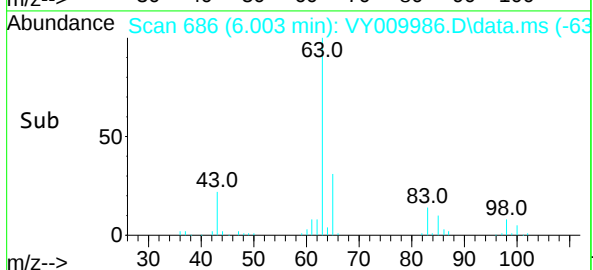
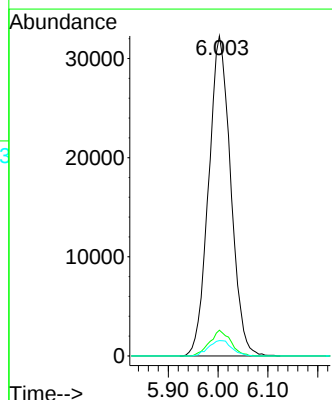
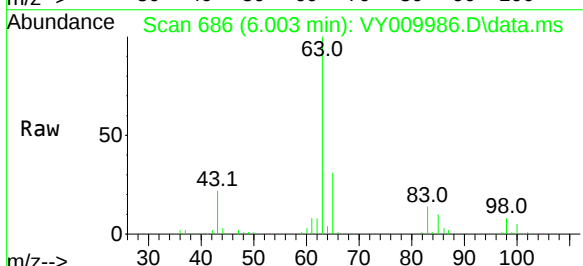
Tgt Ion: 63 Resp: 99195

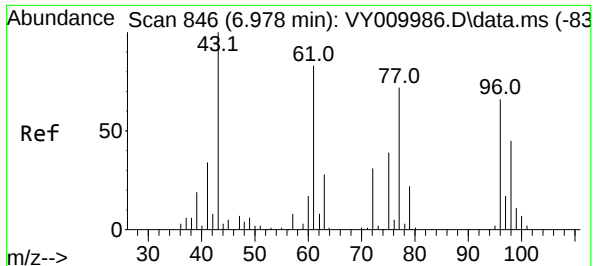
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

100 4.8 2.8 8.3





#25

2-Butanone

Concen: 246.451 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

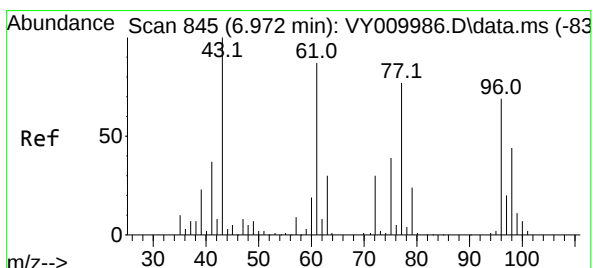
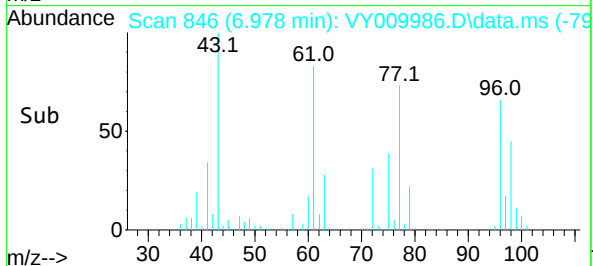
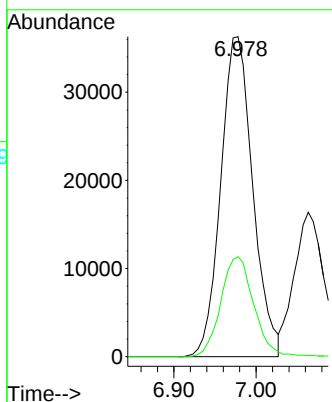
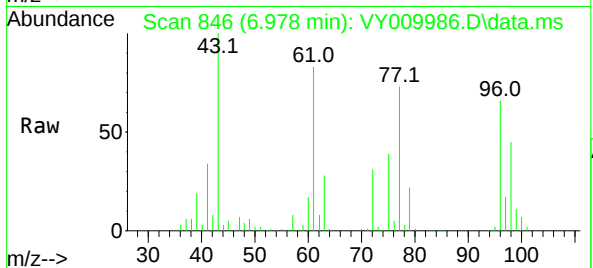
VSTDICCC050

Tgt Ion: 43 Resp: 98318

Ion Ratio Lower Upper

43 100

72 31.2 21.5 32.3



#26

2,2-Dichloropropane

Concen: 48.111 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009986.D

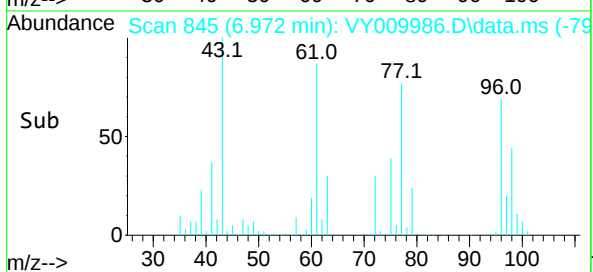
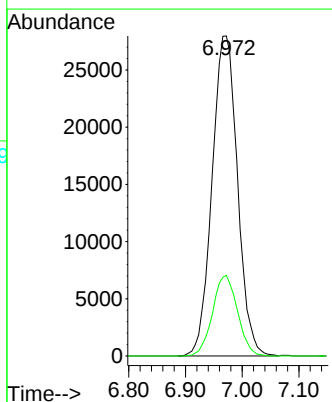
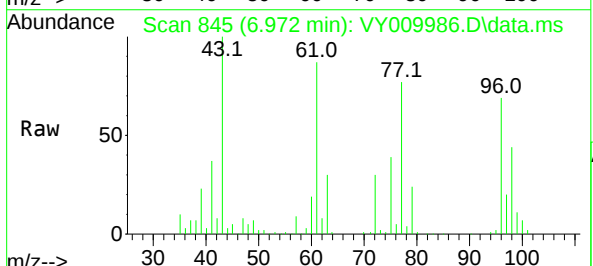
Acq: 12 Aug 2022 14:57

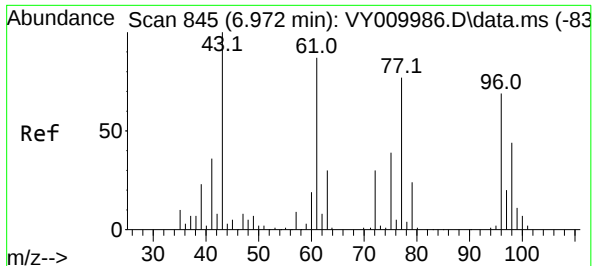
Tgt Ion: 77 Resp: 87013

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.000 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

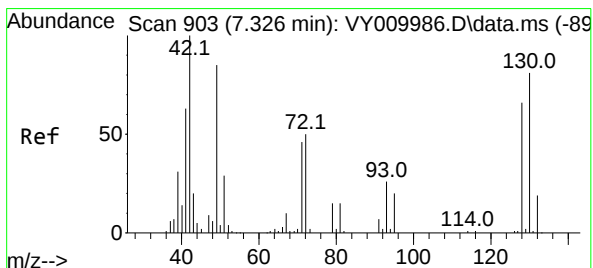
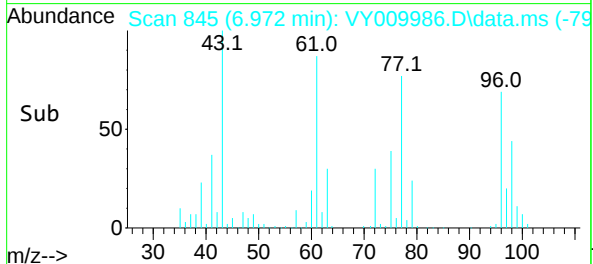
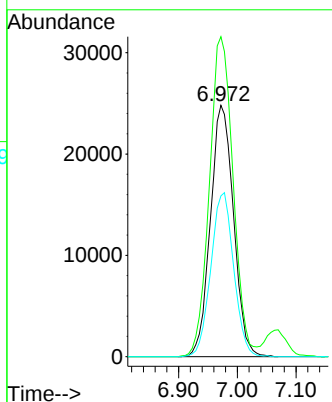
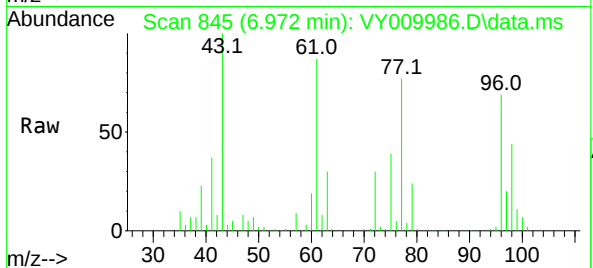
Tgt Ion: 96 Resp: 67911

Ion Ratio Lower Upper

96 100

61 130.4 0.0 285.6

98 64.5 0.0 131.0



#28

Bromochloromethane

Concen: 50.048 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

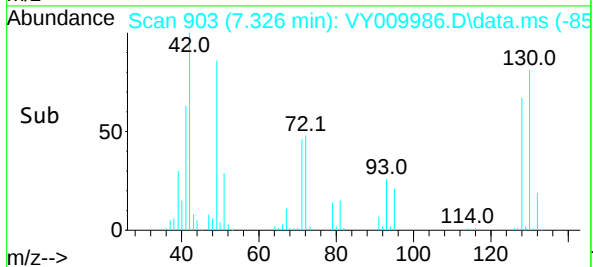
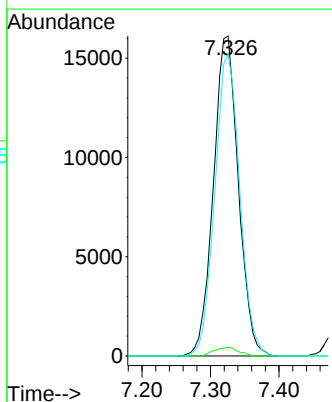
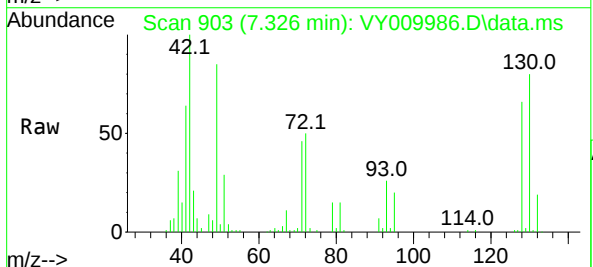
Tgt Ion: 49 Resp: 40681

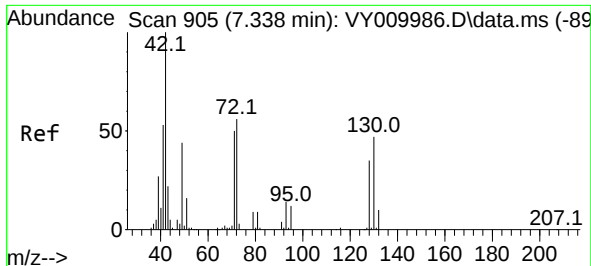
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 94.6 64.1 96.1

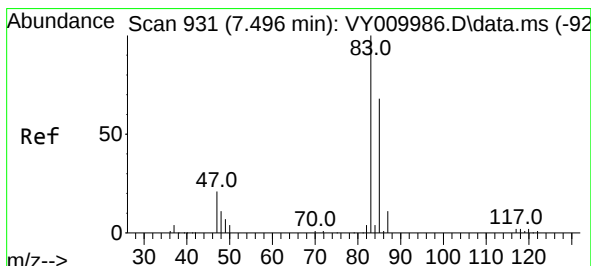
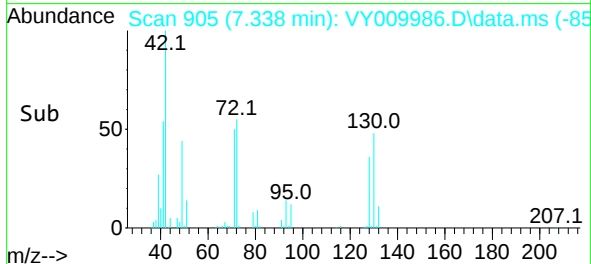
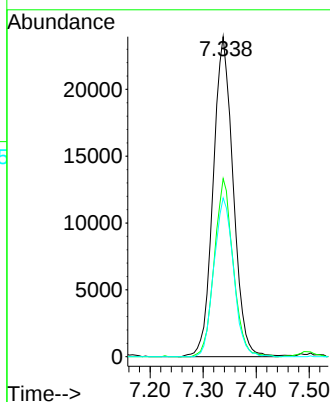
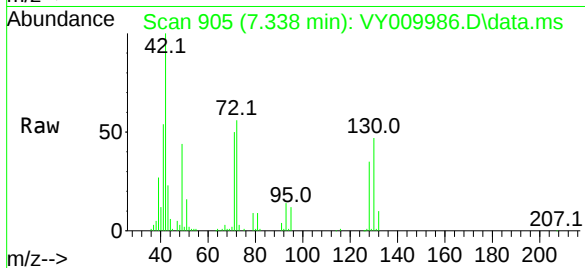




#29
Tetrahydrofuran
Concen: 245.690 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

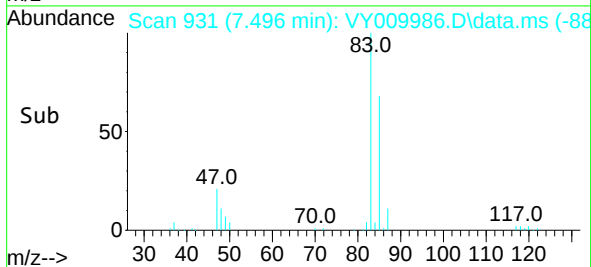
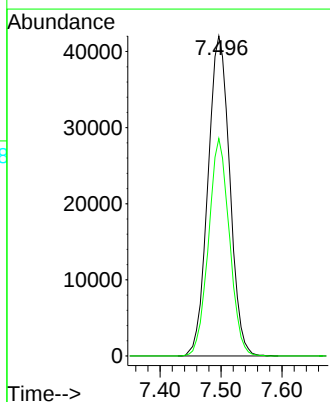
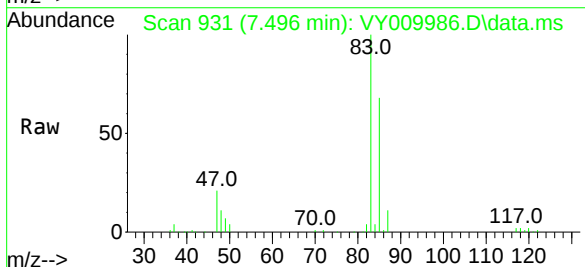
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

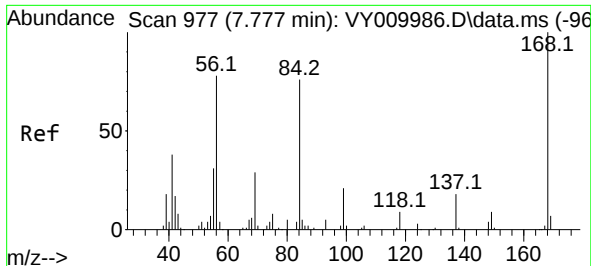
Tgt Ion: 42 Resp: 62793
Ion Ratio Lower Upper
42 100
72 52.4 34.6 52.0#
71 48.7 32.7 49.1



#30
Chloroform
Concen: 48.952 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 83 Resp: 104420
Ion Ratio Lower Upper
83 100
85 68.0 50.5 75.7

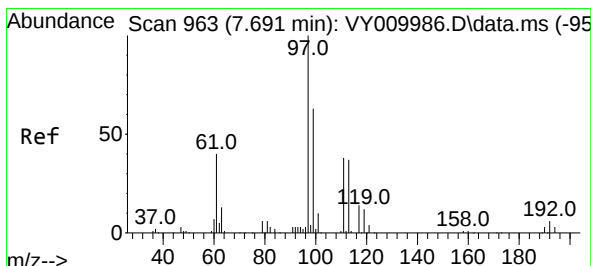
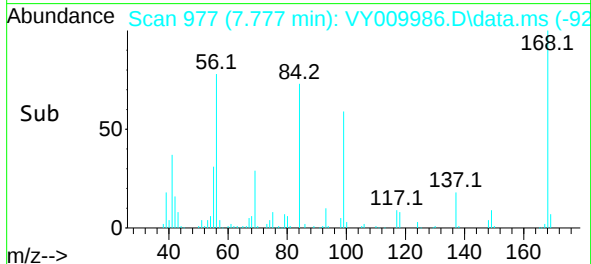
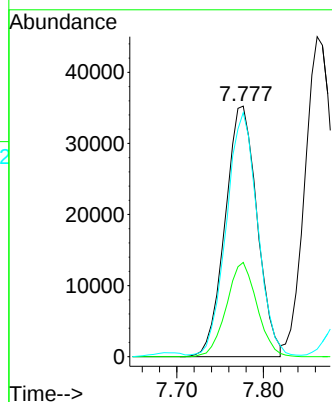
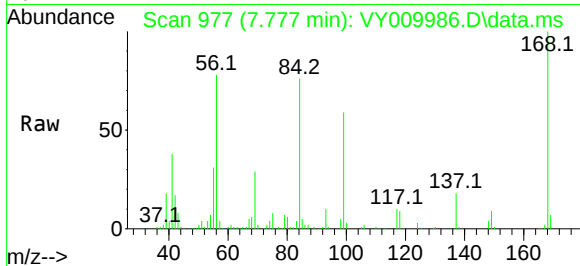




#31
Cyclohexane
Concen: 47.089 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

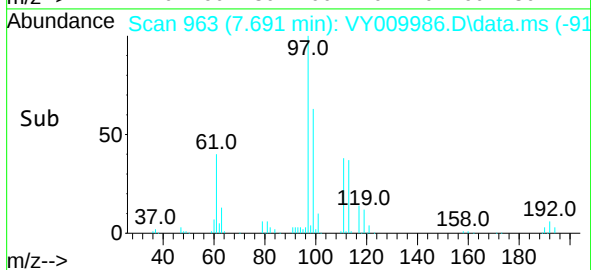
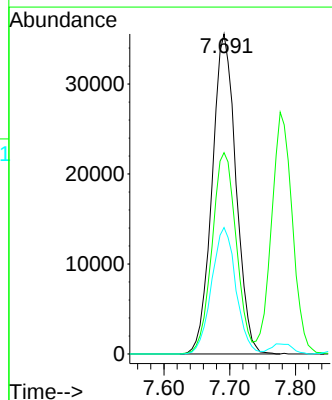
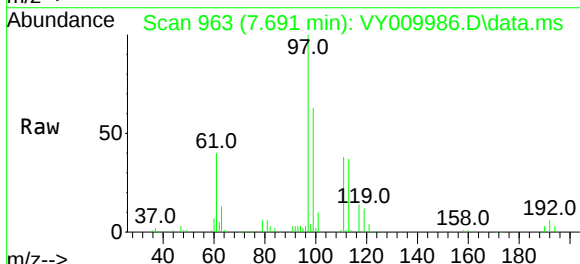
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

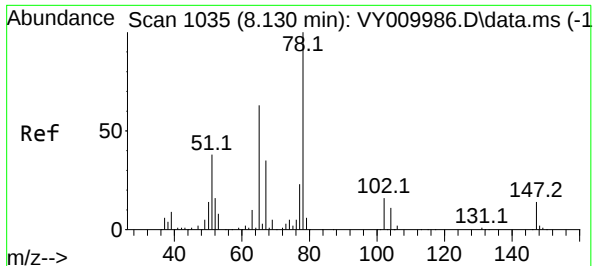
Tgt Ion: 56 Resp: 90328
Ion Ratio Lower Upper
56 100
69 37.6 26.0 39.0
84 96.0 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 49.505 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 97 Resp: 89774
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 40.2 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 49.379 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

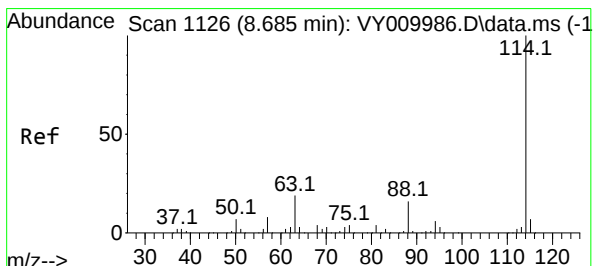
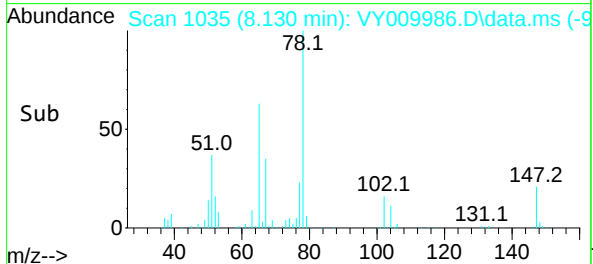
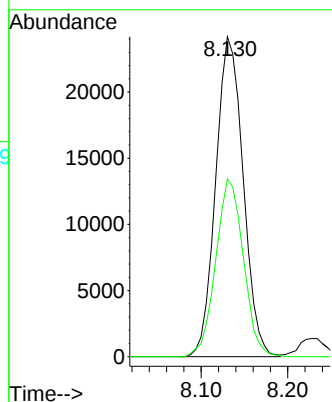
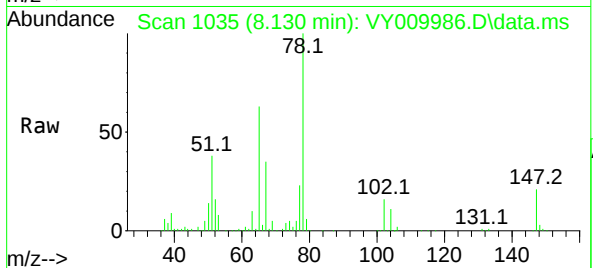
VSTDICCC050

Tgt Ion: 65 Resp: 53192

Ion Ratio Lower Upper

65 100

67 56.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

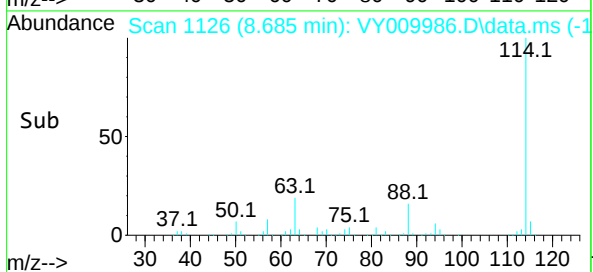
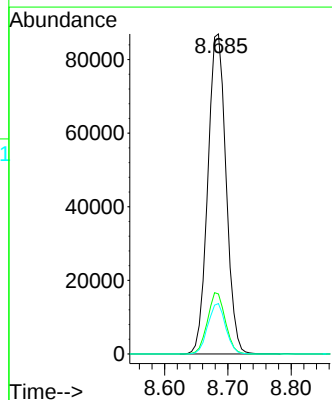
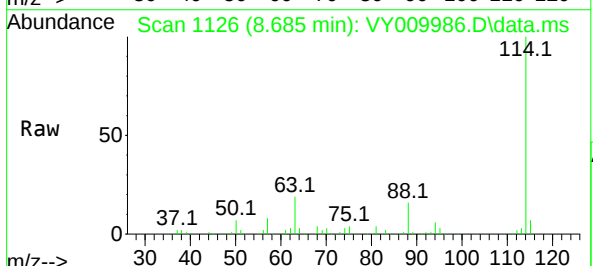
Tgt Ion: 114 Resp: 174086

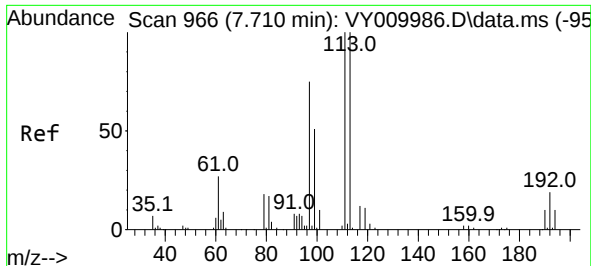
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

88 15.7 0.0 30.0

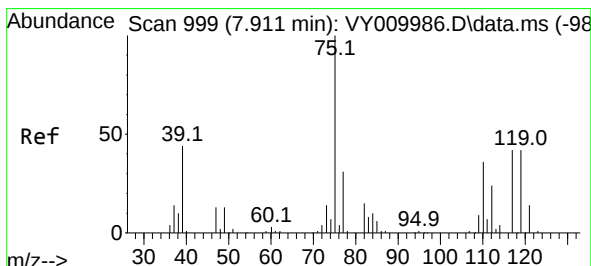
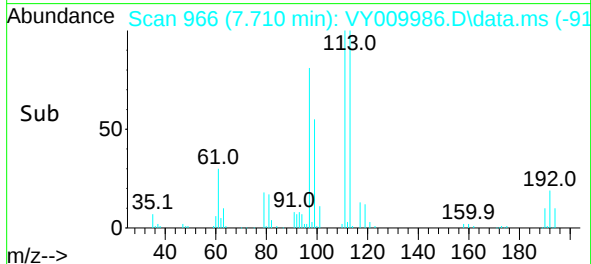
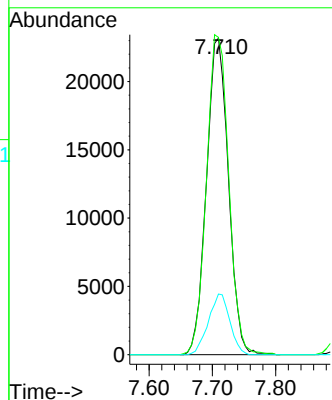
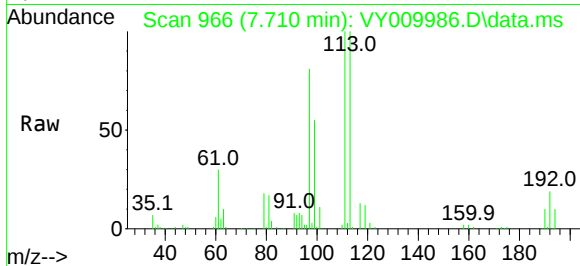




#35
 Dibromofluoromethane
 Concen: 52.364 ug/l
 RT: 7.710 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VY009986.D
 Acq: 12 Aug 2022 14:57

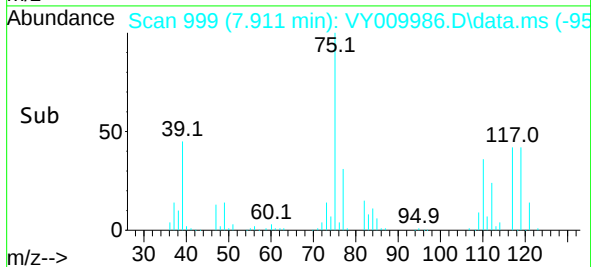
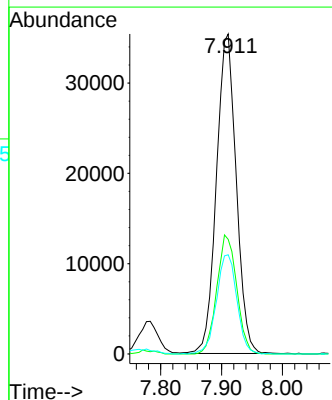
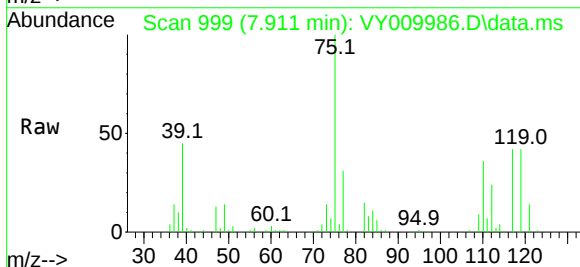
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

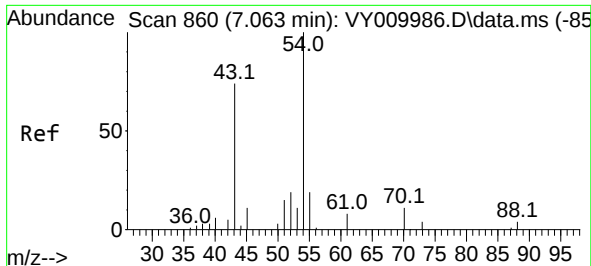
Tgt Ion:113 Resp: 55929
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.6 120.8
 192 18.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 49.919 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY009986.D
 Acq: 12 Aug 2022 14:57

Tgt Ion: 75 Resp: 79835
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.6 56.0
 77 32.3 25.0 37.4

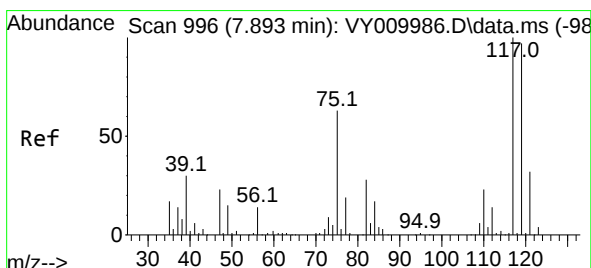
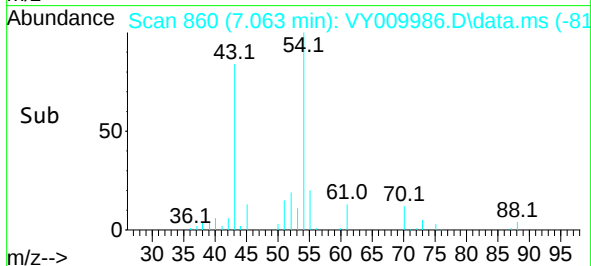
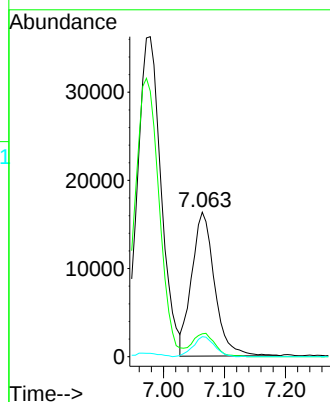
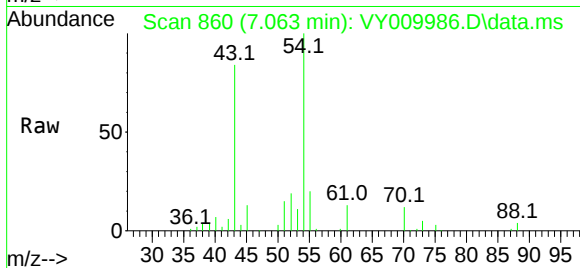




#37
Ethyl Acetate
Concen: 49.950 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

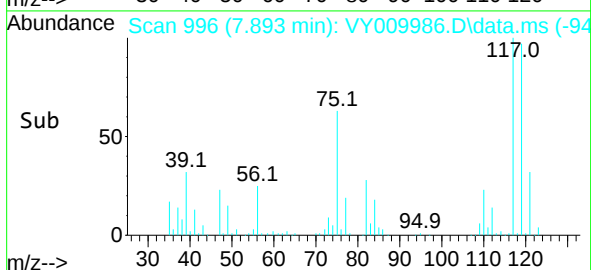
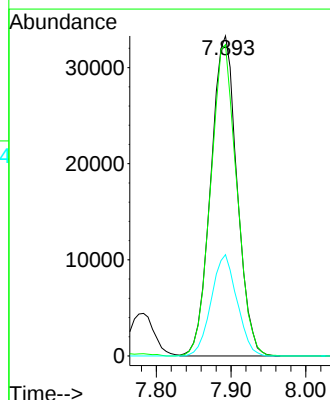
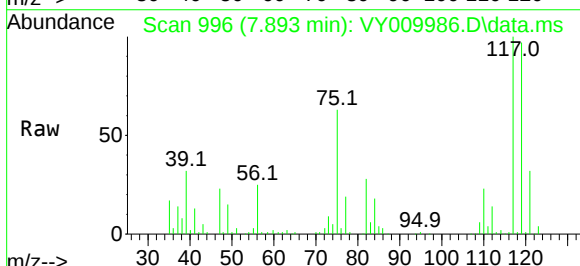
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

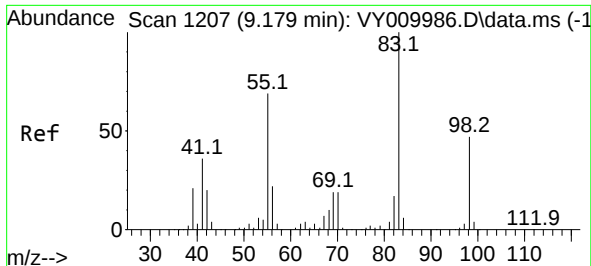
Tgt Ion: 43 Resp: 42610
Ion Ratio Lower Upper
43 100
61 16.1 11.2 16.8
70 13.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 50.547 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 117 Resp: 81217
Ion Ratio Lower Upper
117 100
119 97.3 75.9 113.9
121 31.7 24.9 37.3





#39

Methylcyclohexane

Concen: 51.855 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

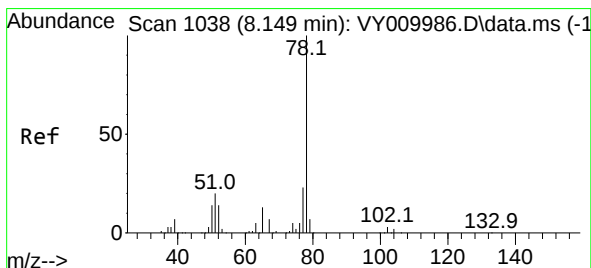
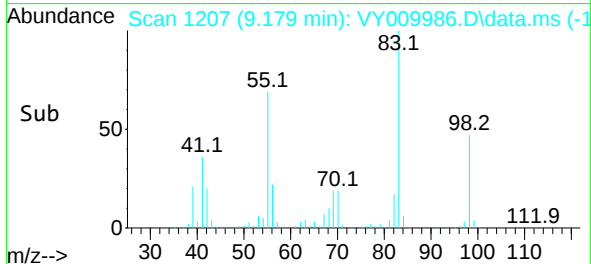
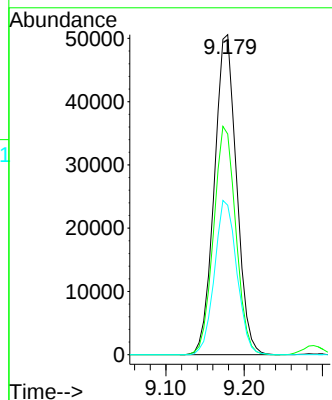
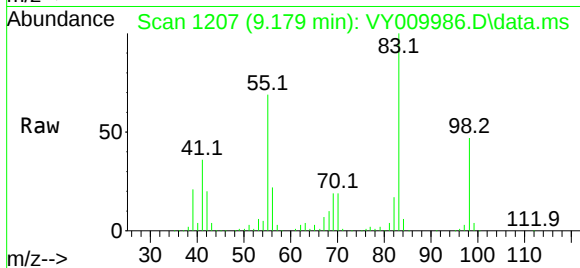
Tgt Ion: 83 Resp: 99831

Ion Ratio Lower Upper

83 100

55 69.0 56.7 85.1

98 46.7 39.9 59.9



#40

Benzene

Concen: 49.982 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009986.D

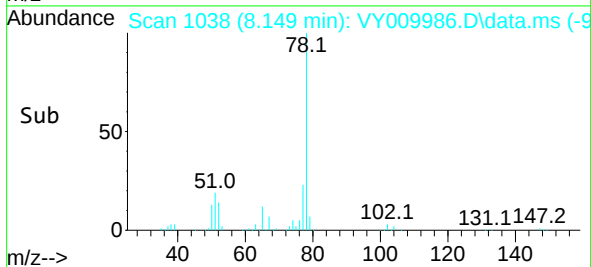
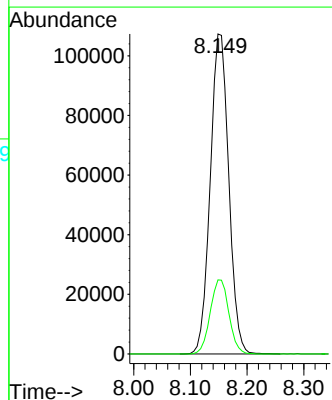
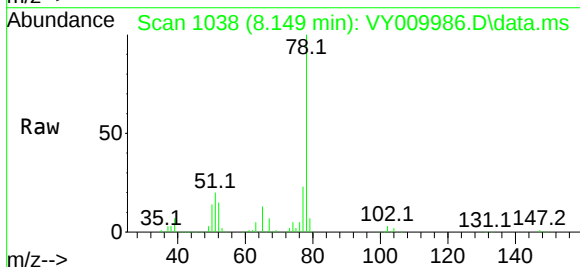
Acq: 12 Aug 2022 14:57

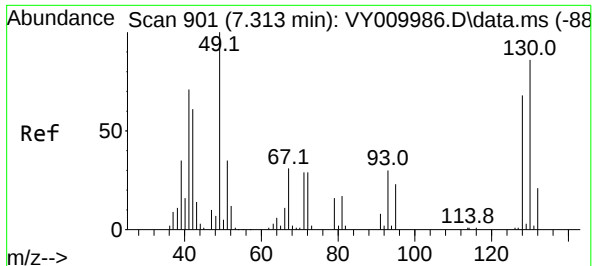
Tgt Ion: 78 Resp: 242961

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

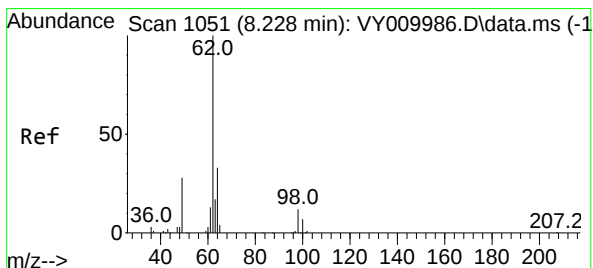
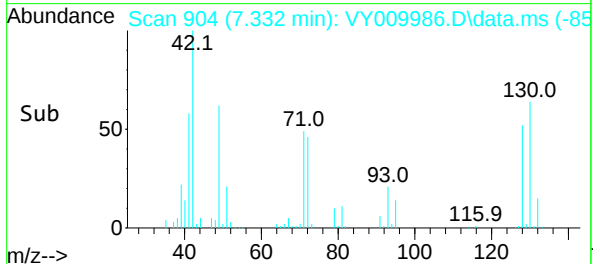
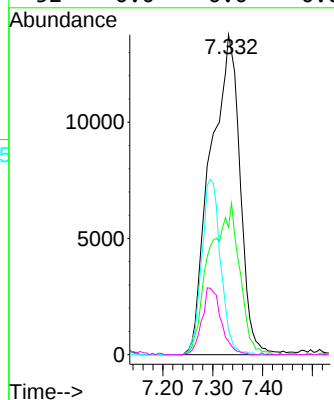
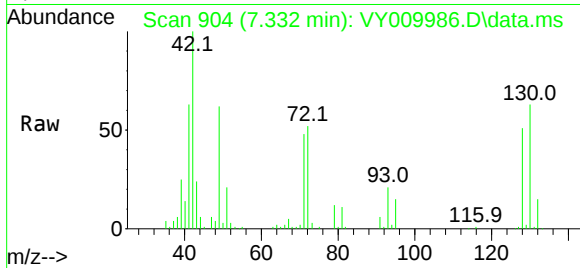




#41
Methacrylonitrile
Concen: 55.837 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

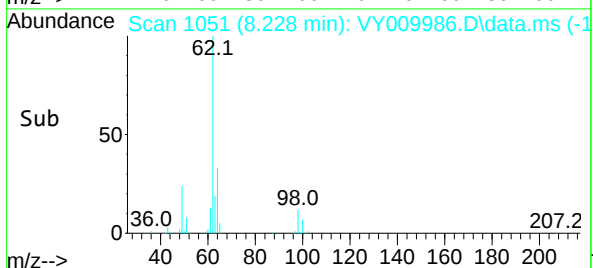
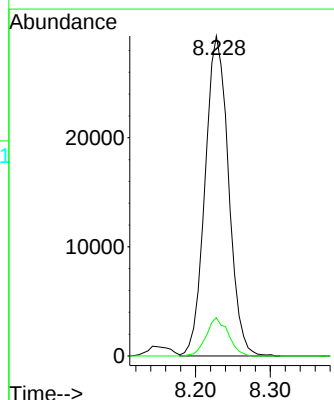
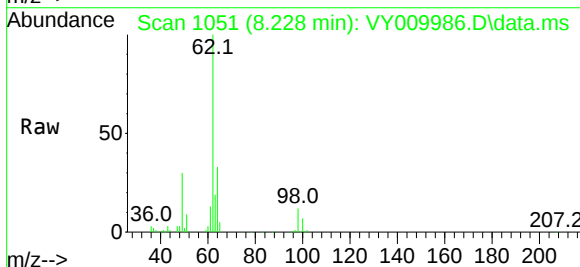
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

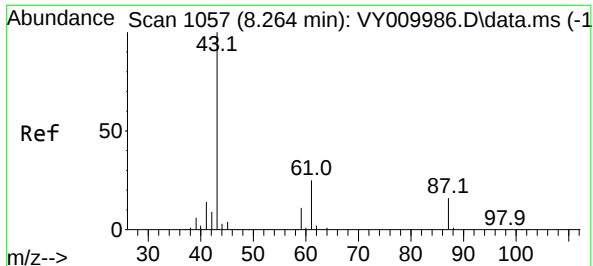
Tgt Ion: 41 Resp: 56484
Ion Ratio Lower Upper
41 100
39 48.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.883 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 62 Resp: 63895
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.6

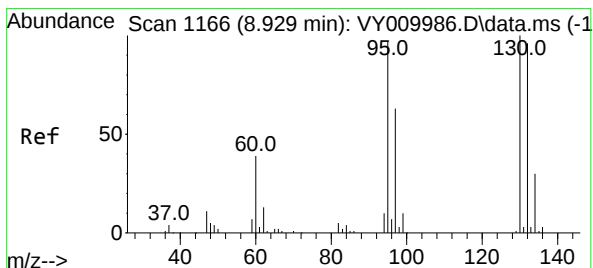
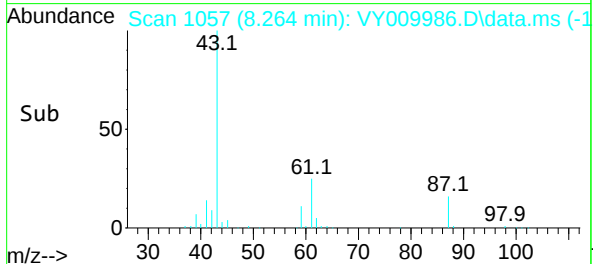
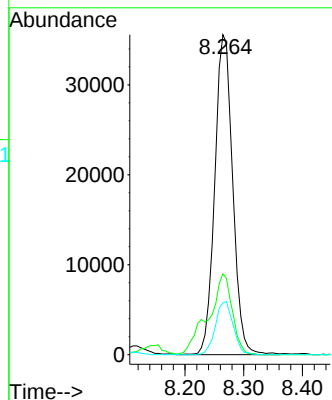
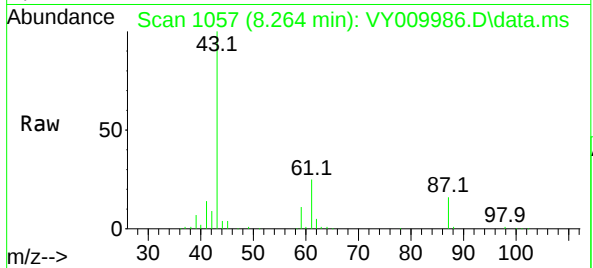




#43
Isopropyl Acetate
Concen: 50.647 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

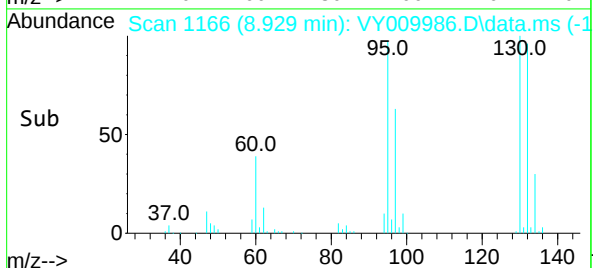
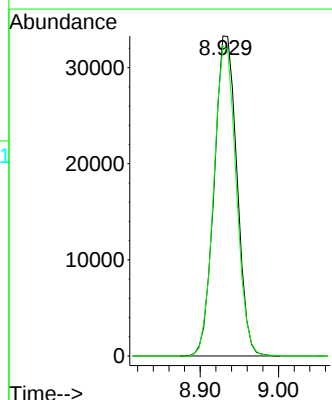
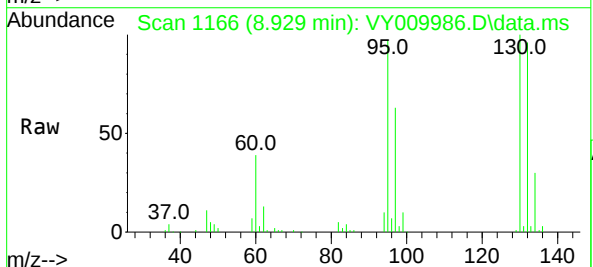
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

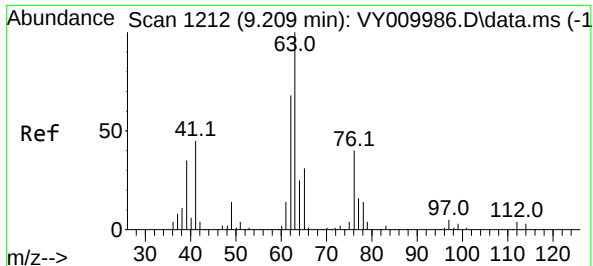
Tgt Ion: 43 Resp: 75478
Ion Ratio Lower Upper
43 100
61 33.7 23.6 35.4
87 16.4 11.3 16.9



#44
Trichloroethene
Concen: 51.295 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion:130 Resp: 66992
Ion Ratio Lower Upper
130 100
95 96.9 0.0 194.6





#45

1,2-Dichloropropane

Concen: 49.942 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

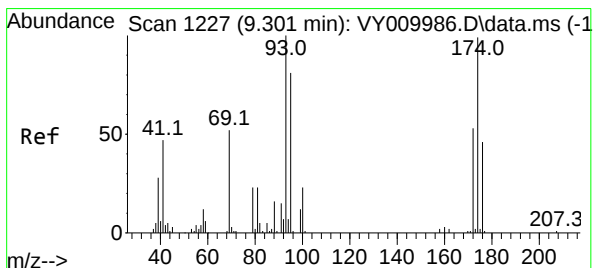
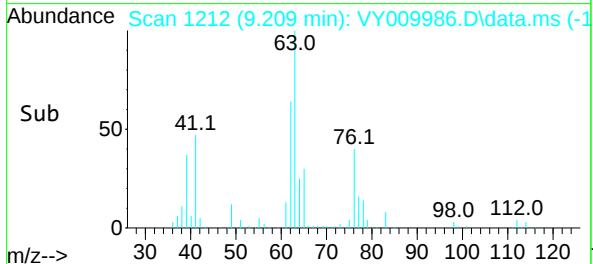
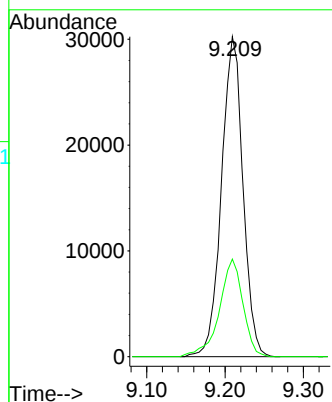
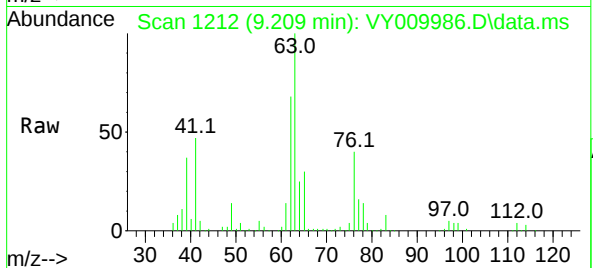
VSTDICCC050

Tgt Ion: 63 Resp: 57632

Ion Ratio Lower Upper

63 100

65 30.5 23.7 35.5



#46

Dibromomethane

Concen: 51.260 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

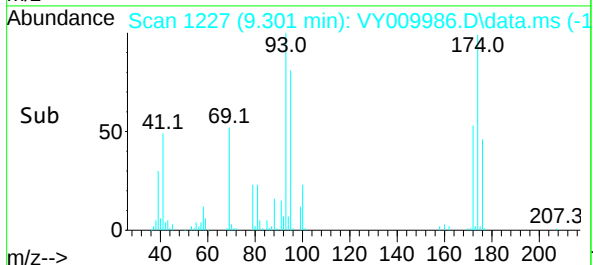
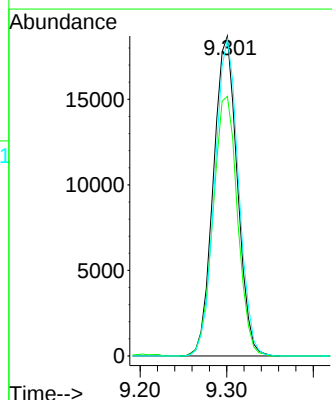
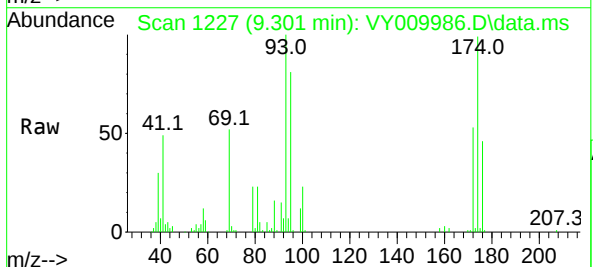
Tgt Ion: 93 Resp: 35778

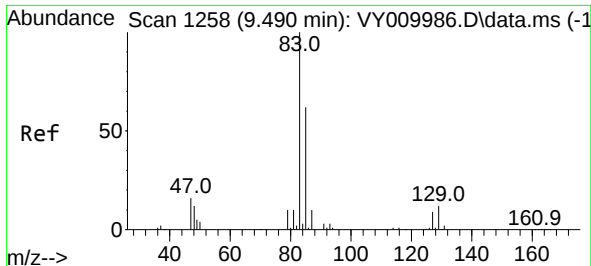
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 98.7 80.6 120.8

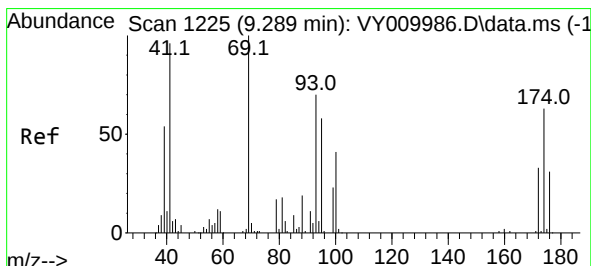
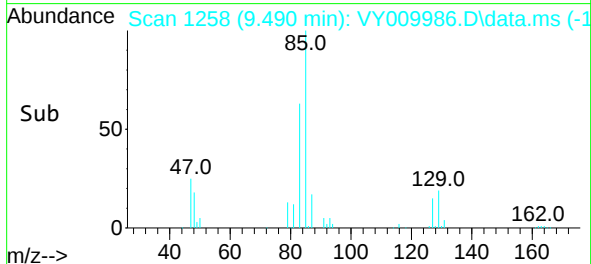
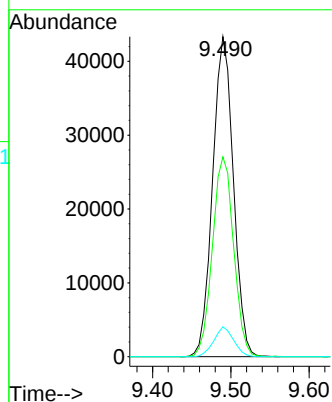
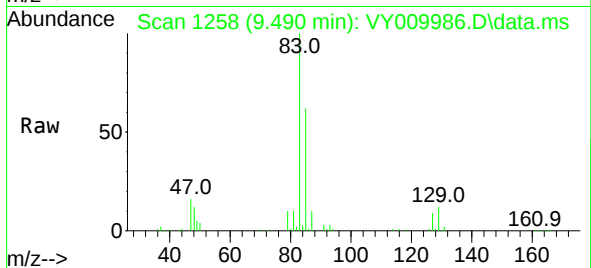




#47
Bromodichloromethane
Concen: 51.426 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

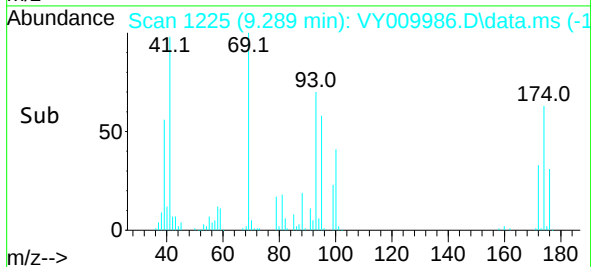
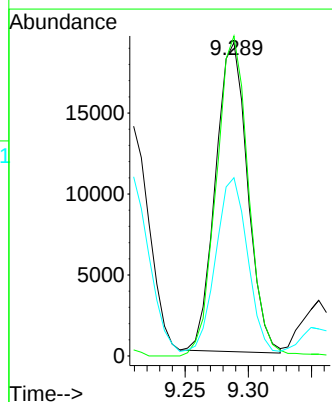
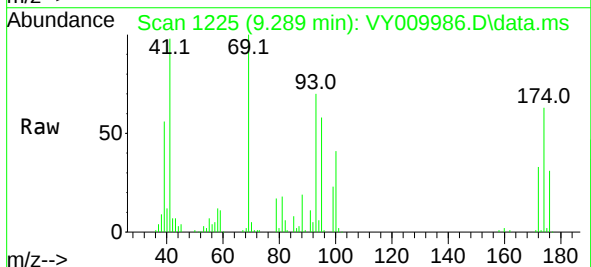
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

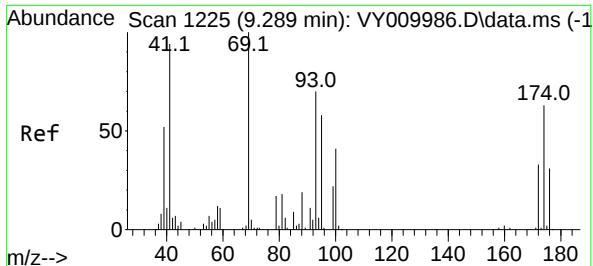
Tgt Ion: 83 Resp: 79862
Ion Ratio Lower Upper
83 100
85 62.4 51.2 76.8
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 51.626 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 41 Resp: 33647
Ion Ratio Lower Upper
41 100
69 104.0 73.2 109.8
39 58.9 47.5 71.3





#49

1,4-Dioxane

Concen: 1138.015 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

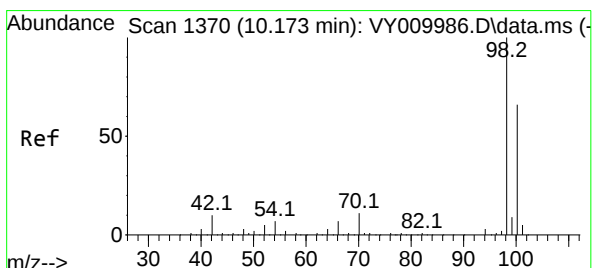
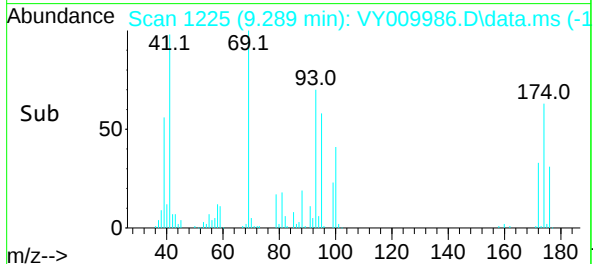
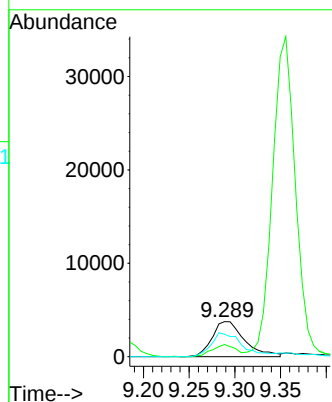
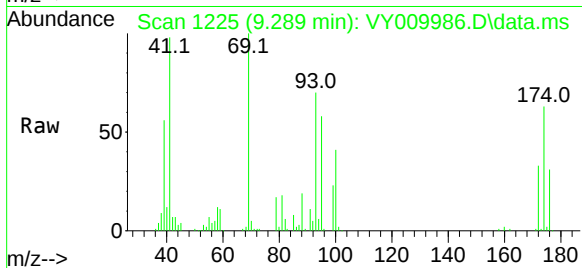
Tgt Ion: 88 Resp: 9264

Ion Ratio Lower Upper

88 100

43 25.2 26.3 39.5#

58 65.6 52.6 79.0



#50

Toluene-d8

Concen: 52.134 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009986.D

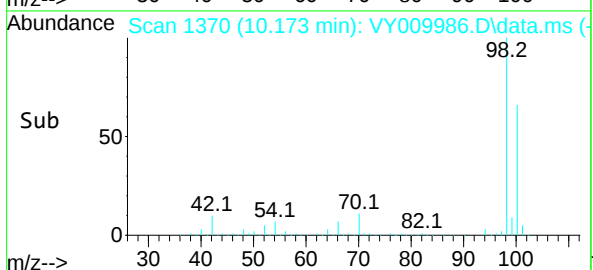
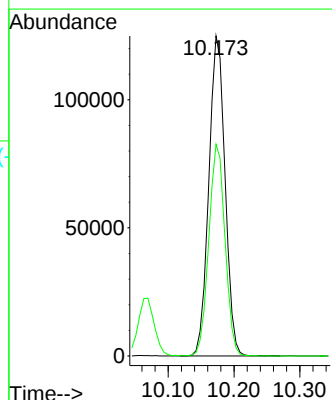
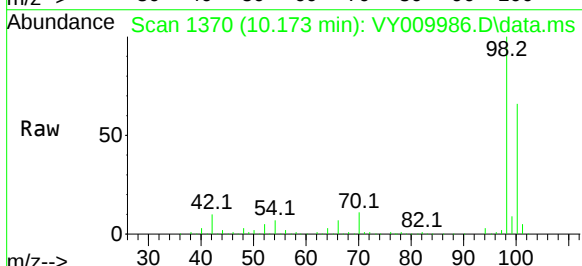
Acq: 12 Aug 2022 14:57

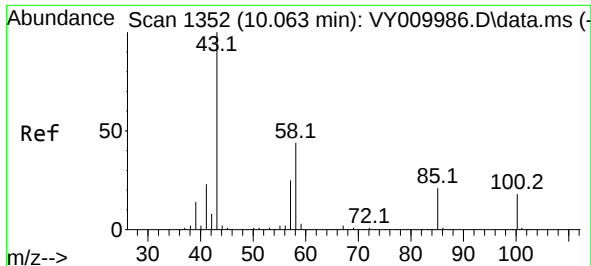
Tgt Ion: 98 Resp: 214627

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 259.458 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

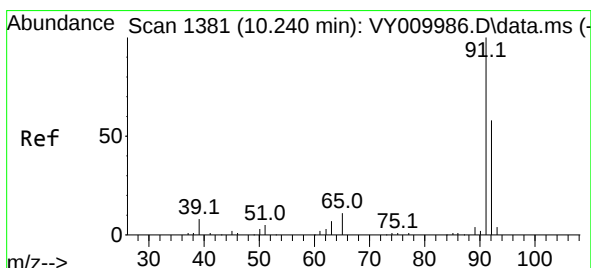
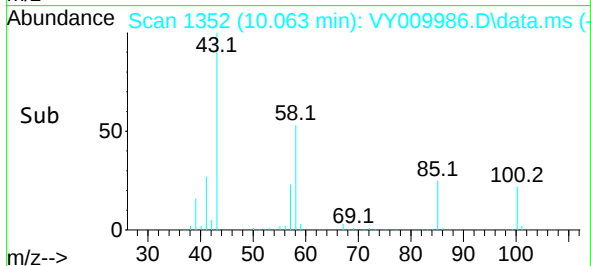
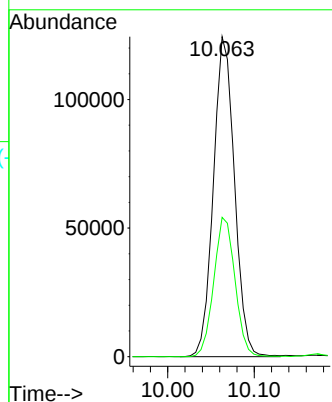
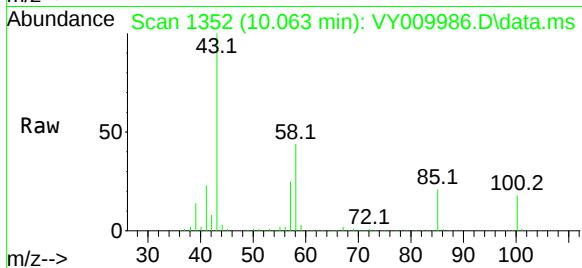
VSTDICCC050

Tgt Ion: 43 Resp: 210619

Ion Ratio Lower Upper

43 100

58 43.8 31.5 47.3



#52

Toluene

Concen: 52.049 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY009986.D

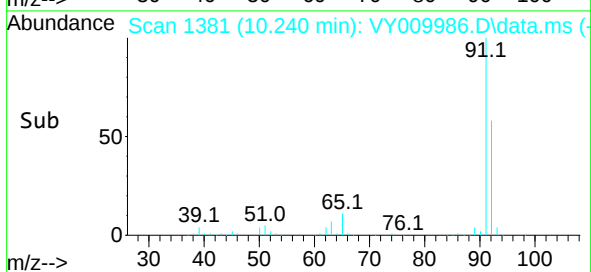
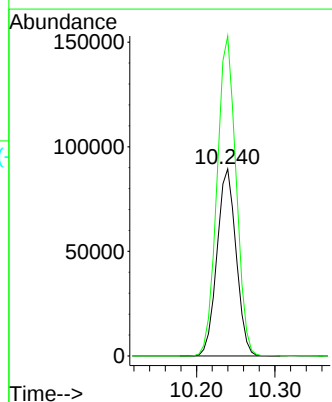
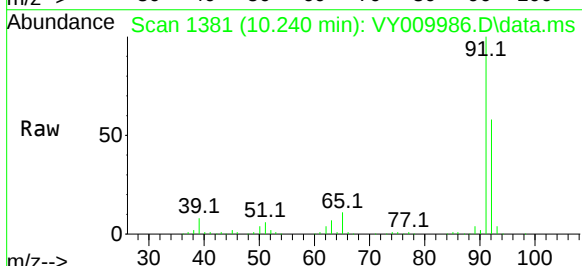
Acq: 12 Aug 2022 14:57

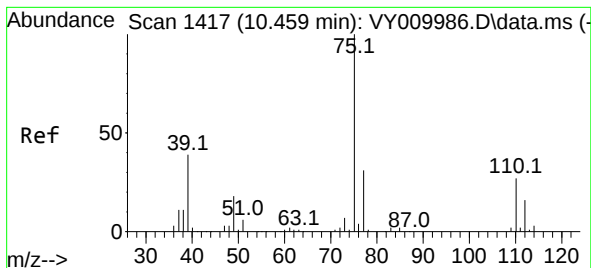
Tgt Ion: 92 Resp: 151728

Ion Ratio Lower Upper

92 100

91 170.7 138.7 208.1

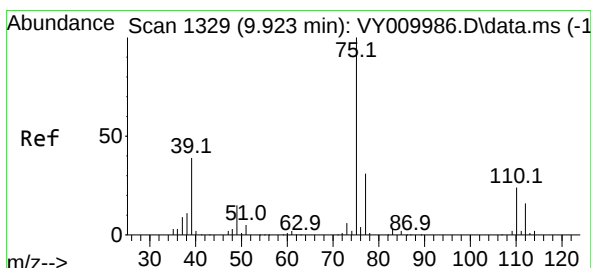
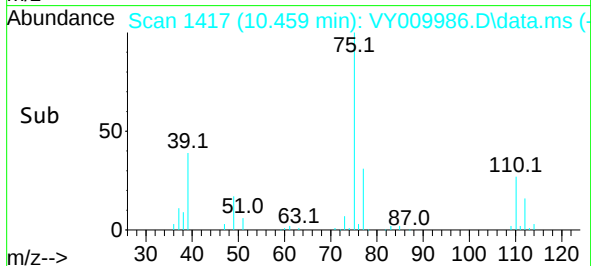
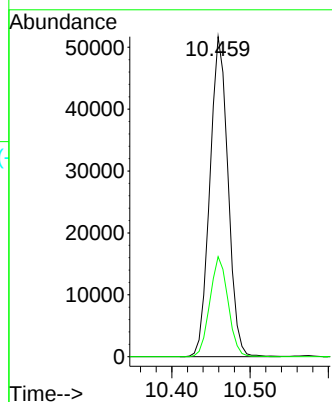
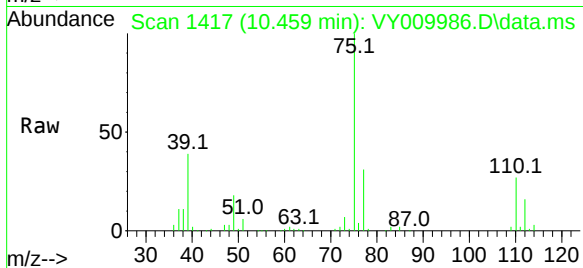




#53
 t-1,3-Dichloropropene
 Concen: 52.080 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009986.D
 Acq: 12 Aug 2022 14:57

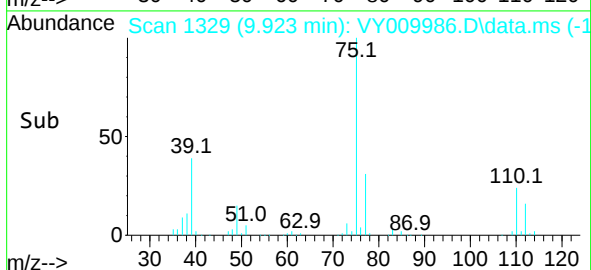
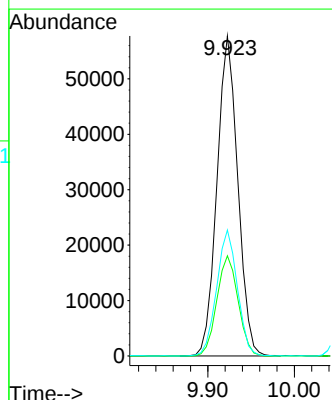
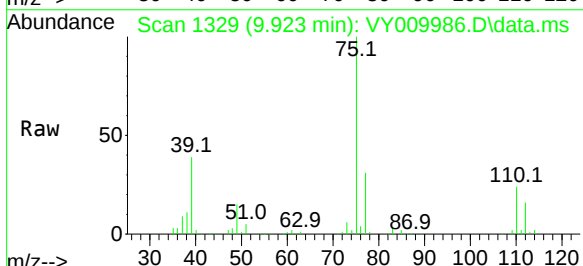
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

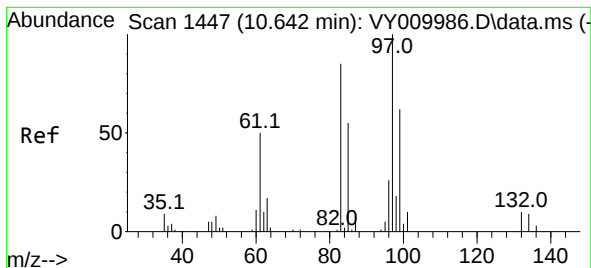
Tgt Ion: 75 Resp: 83273
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.254 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009986.D
 Acq: 12 Aug 2022 14:57

Tgt Ion: 75 Resp: 96363
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 39.4 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 51.047 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 50925

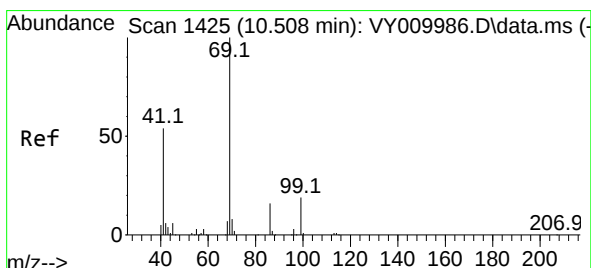
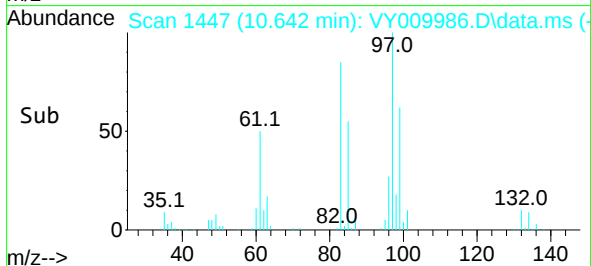
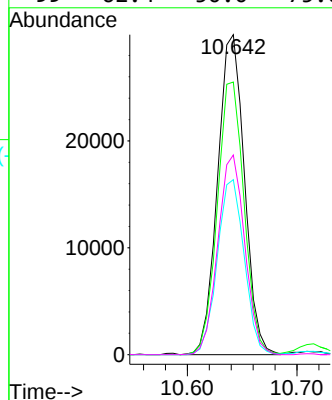
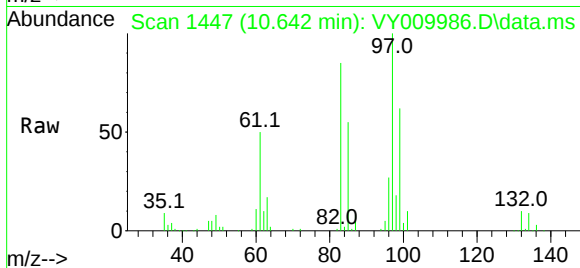
Ion Ratio Lower Upper

97 100

83 85.2 66.9 100.3

85 54.7 44.2 66.4

99 62.4 50.0 75.0



#56

Ethyl methacrylate

Concen: 55.070 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

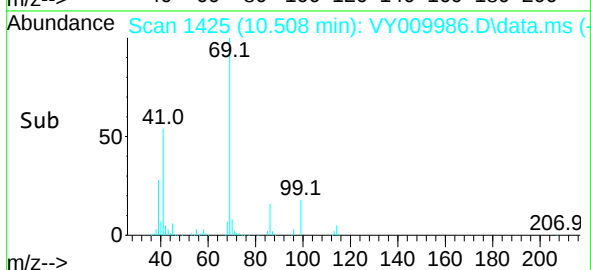
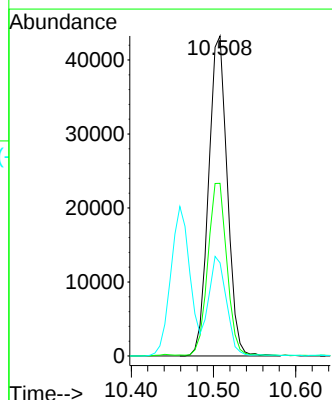
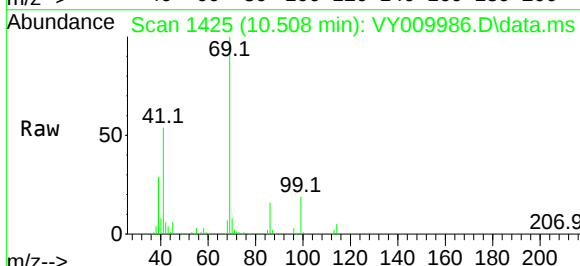
Tgt Ion: 69 Resp: 68199

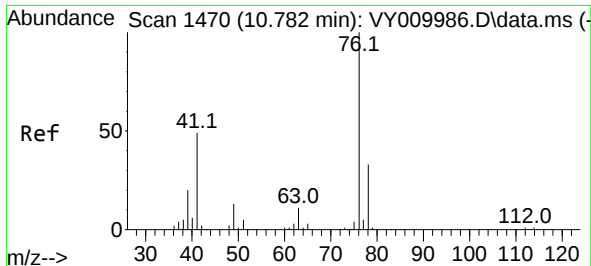
Ion Ratio Lower Upper

69 100

41 54.9 50.4 75.6

39 29.1 27.6 41.4





#57

1,3-Dichloropropane

Concen: 51.428 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

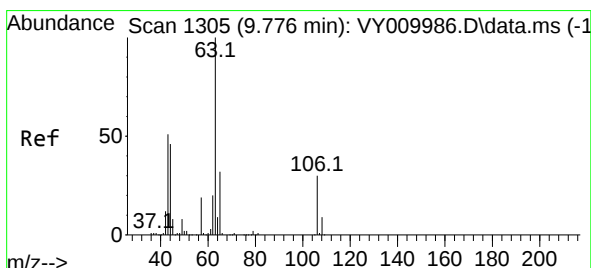
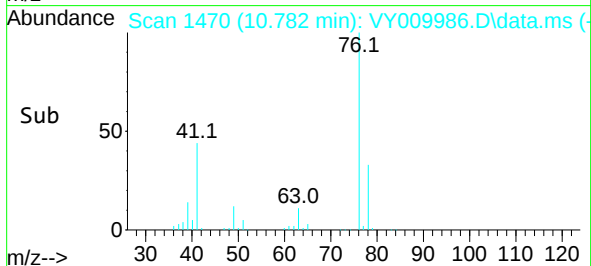
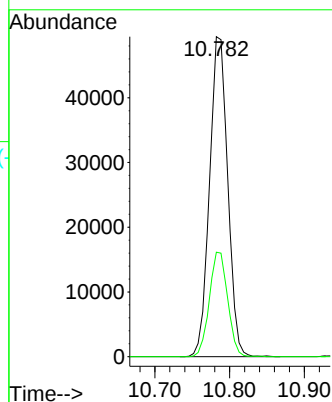
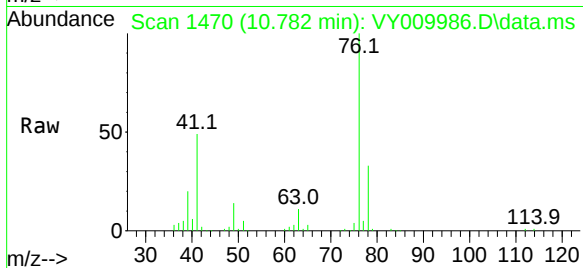
VSTDICCC050

Tgt Ion: 76 Resp: 83492

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 240.816 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009986.D

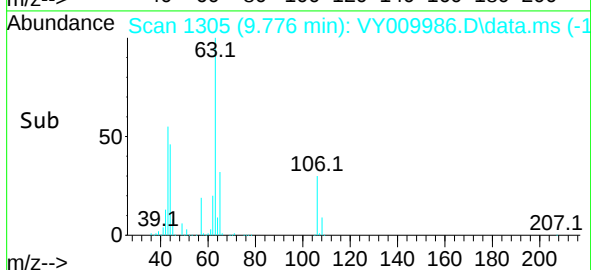
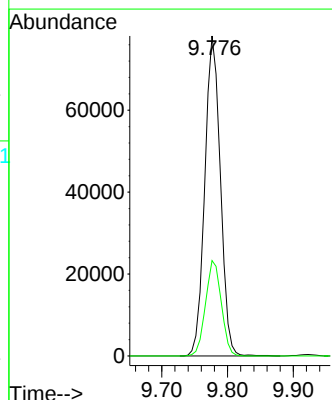
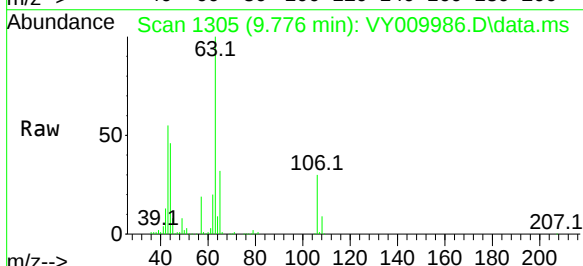
Acq: 12 Aug 2022 14:57

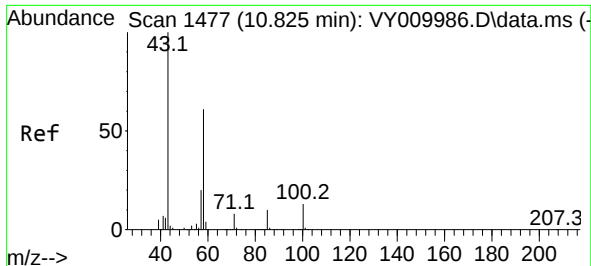
Tgt Ion: 63 Resp: 128864

Ion Ratio Lower Upper

63 100

106 30.1 23.3 34.9

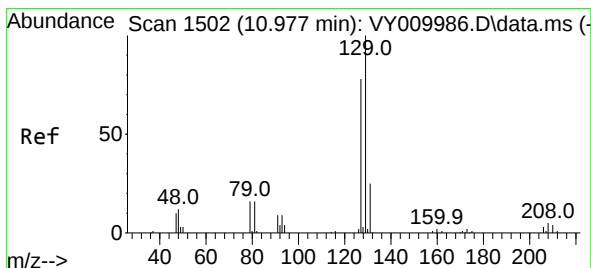
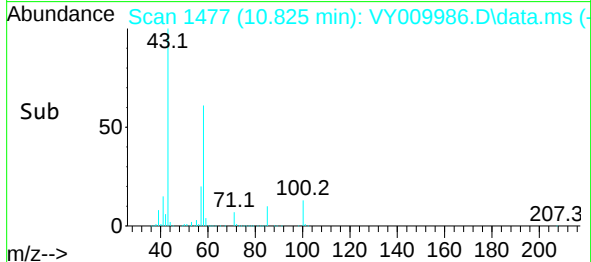
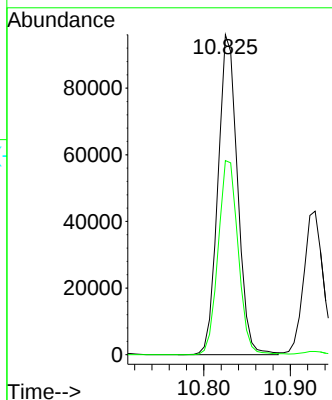
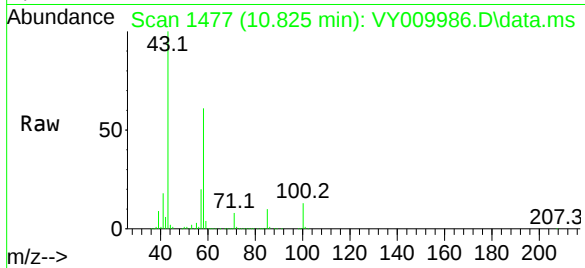




#59
2-Hexanone
Concen: 266.968 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

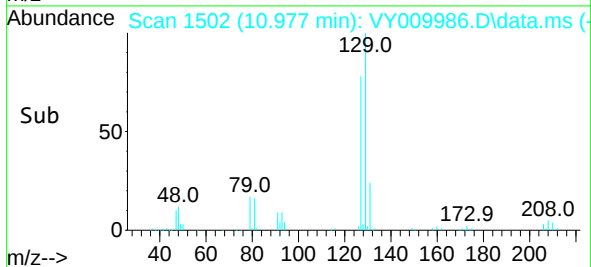
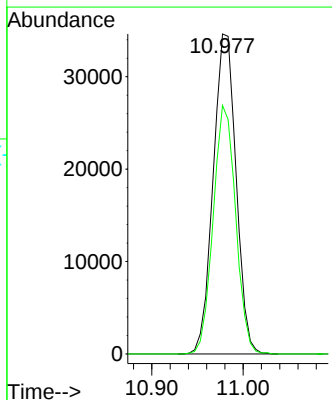
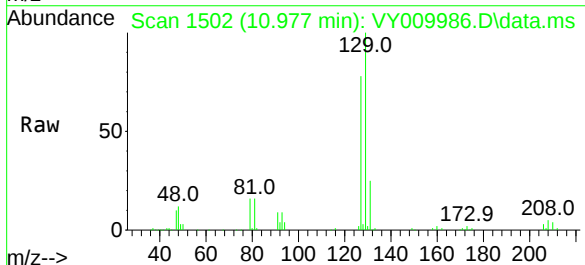
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

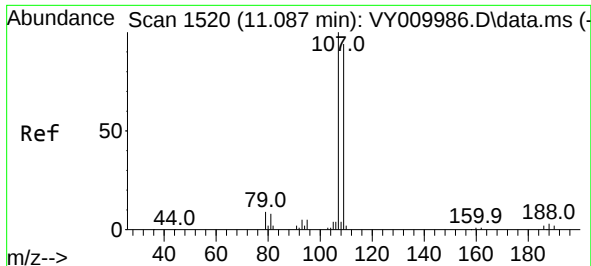
Tgt Ion: 43 Resp: 150731
Ion Ratio Lower Upper
43 100
58 62.1 27.6 82.8



#60
Dibromochloromethane
Concen: 52.554 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 129 Resp: 60417
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4

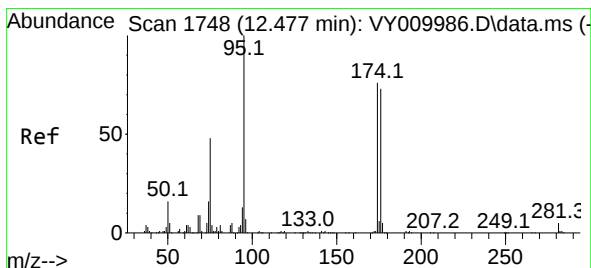
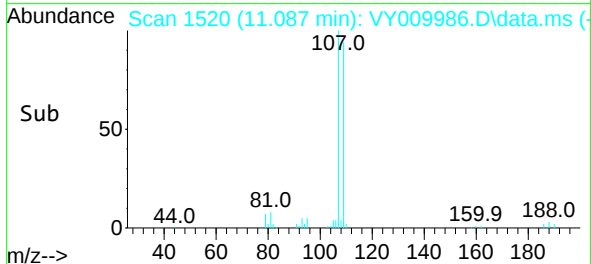
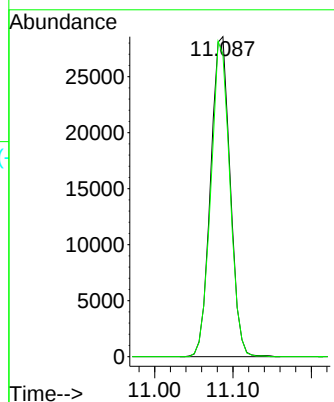
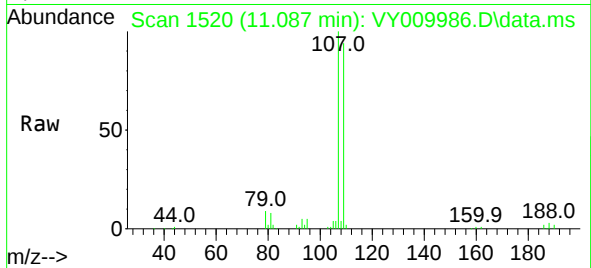




#61
1,2-Dibromoethane
Concen: 51.707 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

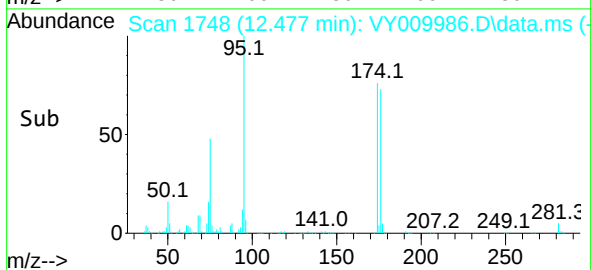
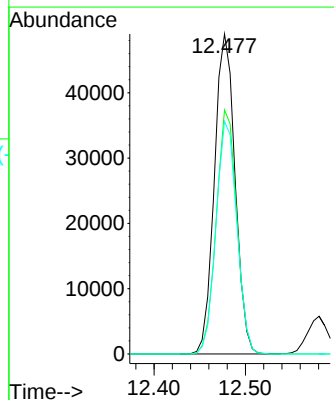
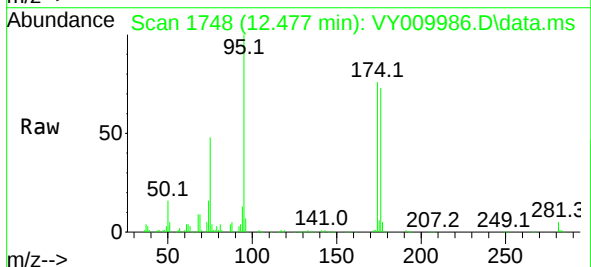
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

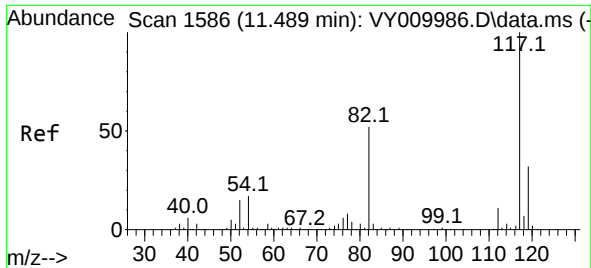
Tgt Ion:107 Resp: 49412
Ion Ratio Lower Upper
107 100
109 95.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.486 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 95 Resp: 76966
Ion Ratio Lower Upper
95 100
174 75.9 0.0 173.8
176 73.3 0.0 167.0

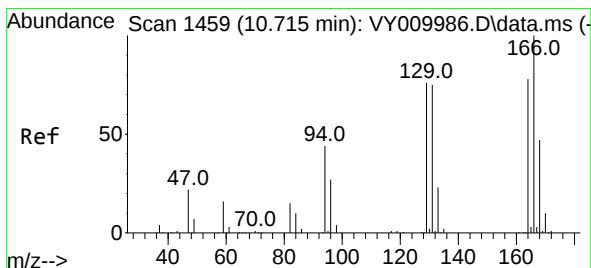
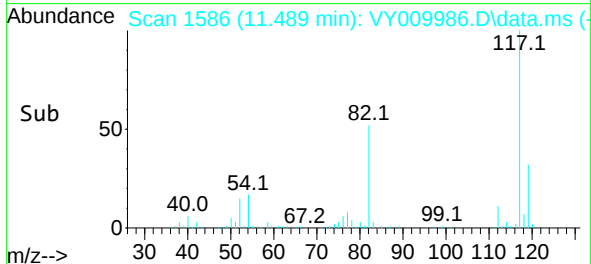
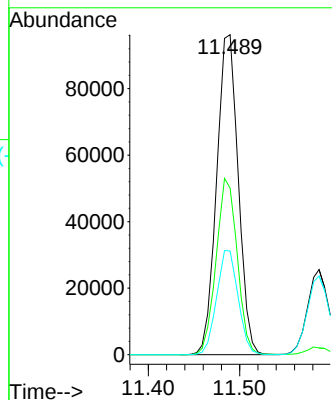
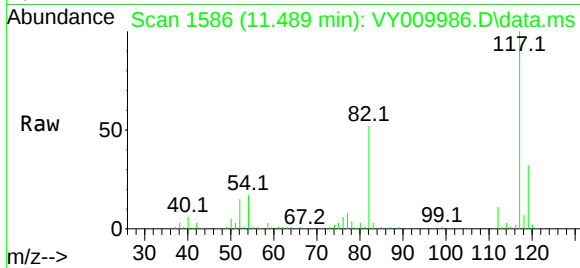




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

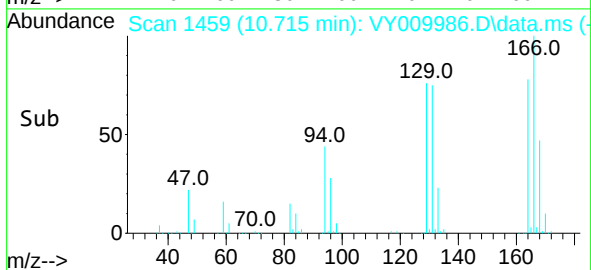
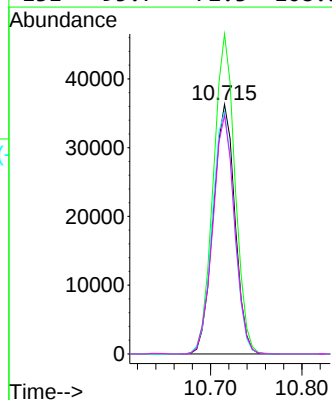
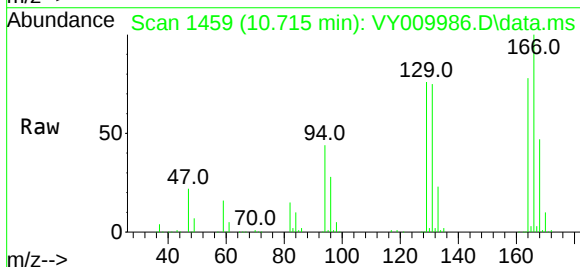
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

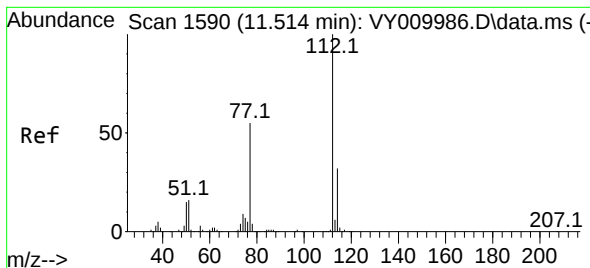
Tgt Ion:117 Resp: 158257
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 52.848 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion:164 Resp: 59778
Ion Ratio Lower Upper
164 100
166 128.2 104.9 157.3
129 97.2 76.5 114.7
131 95.7 72.3 108.5





#65

Chlorobenzene

Concen: 50.212 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

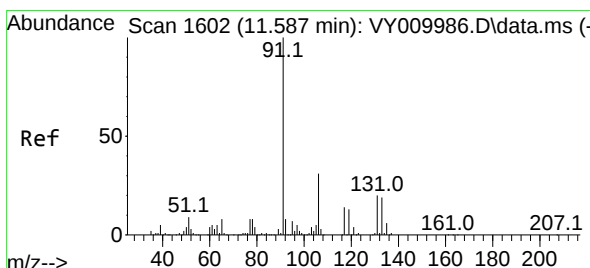
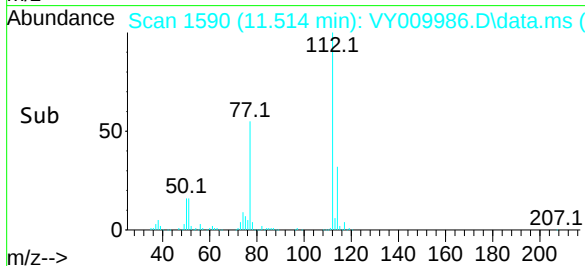
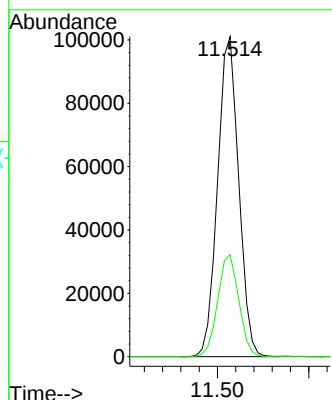
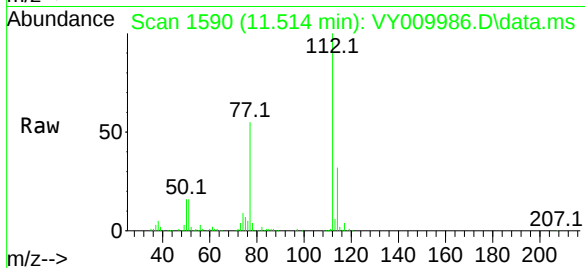
VSTDICCC050

Tgt Ion:112 Resp: 162135

Ion Ratio Lower Upper

112 100

114 31.9 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 50.894 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

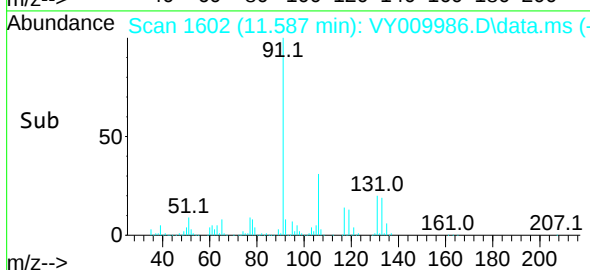
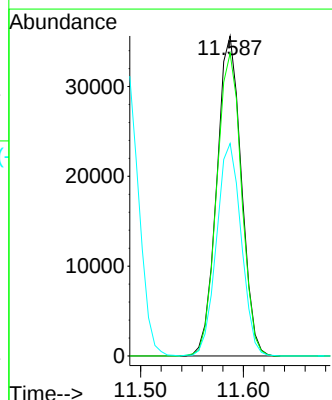
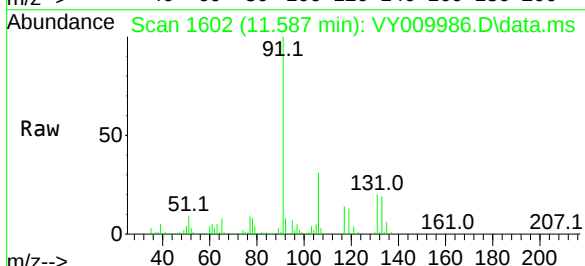
Tgt Ion:131 Resp: 59032

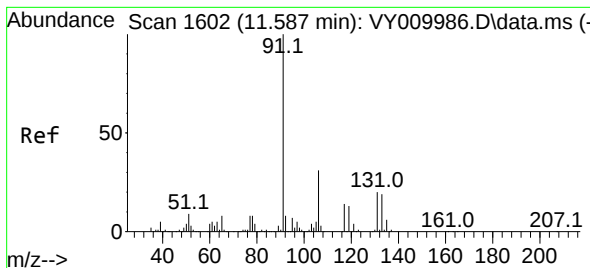
Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

119 66.8 32.1 96.3





#67

Ethyl Benzene

Concen: 51.754 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

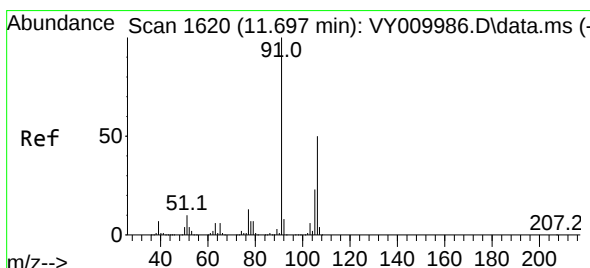
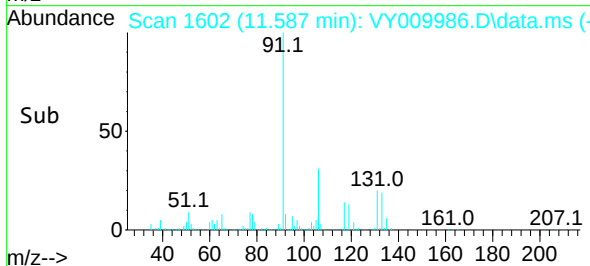
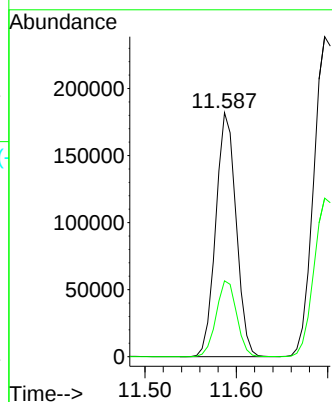
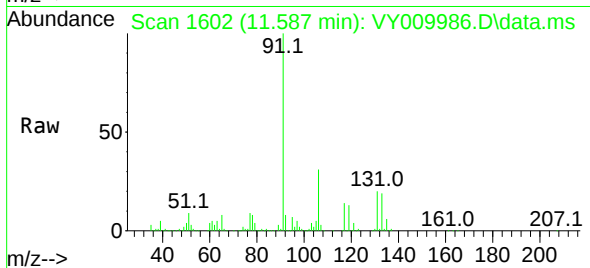
VSTDICCC050

Tgt Ion: 91 Resp: 281655

Ion Ratio Lower Upper

91 100

106 31.1 26.2 39.4



#68

m/p-Xylenes

Concen: 106.183 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009986.D

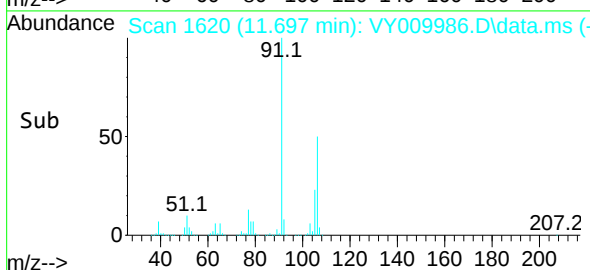
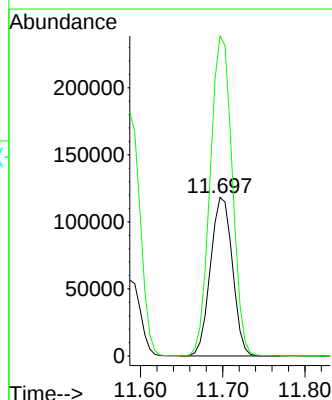
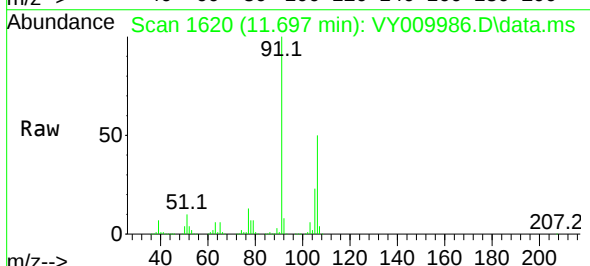
Acq: 12 Aug 2022 14:57

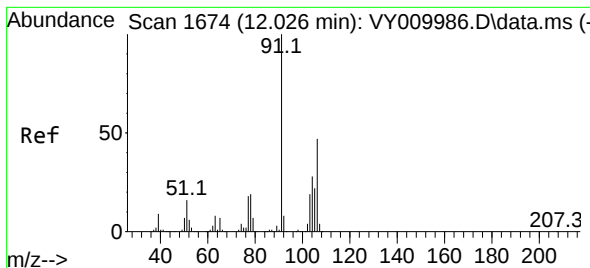
Tgt Ion: 106 Resp: 219672

Ion Ratio Lower Upper

106 100

91 202.3 156.2 234.2





#69

o-Xylene

Concen: 52.254 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

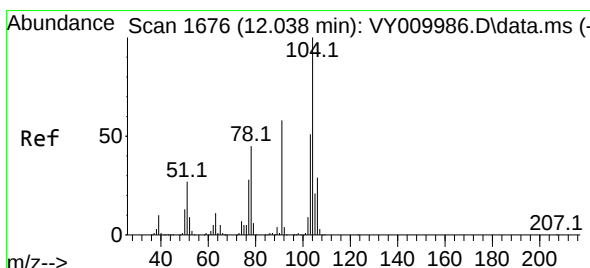
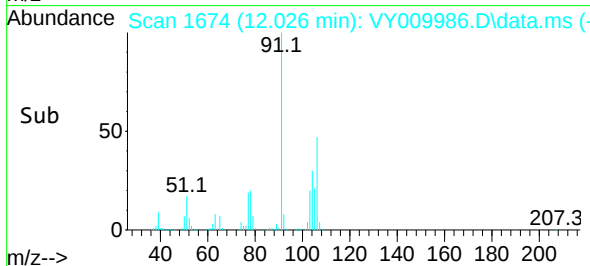
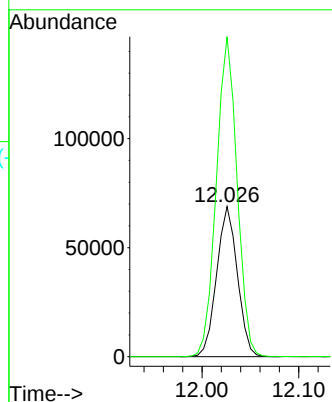
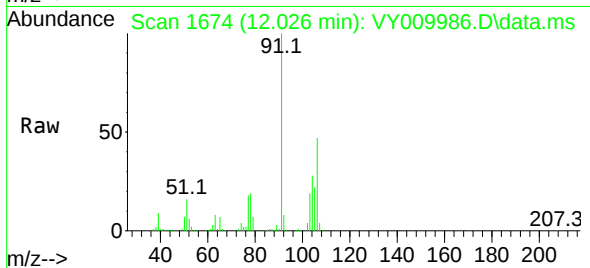
VSTDICCC050

Tgt Ion:106 Resp: 102380

Ion Ratio Lower Upper

106 100

91 213.2 103.2 309.4



#70

Styrene

Concen: 52.995 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

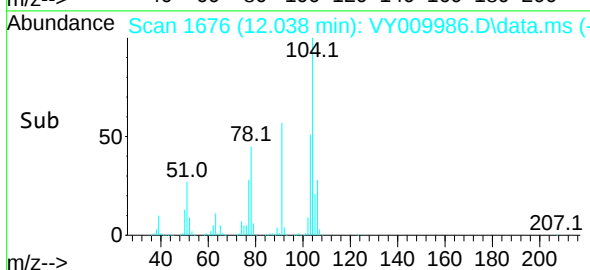
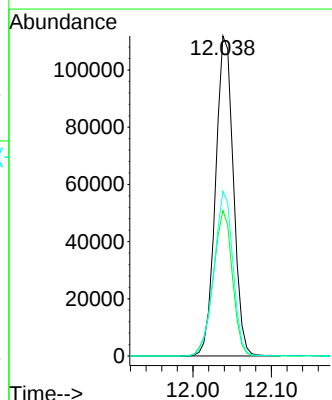
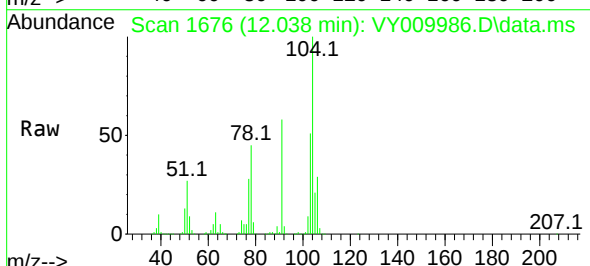
Tgt Ion:104 Resp: 177081

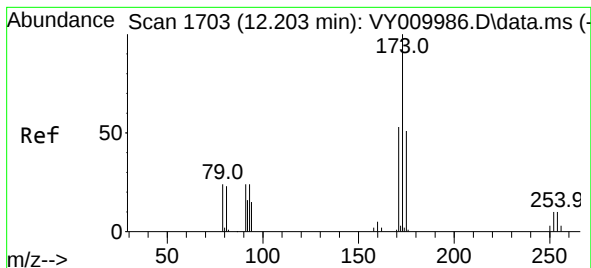
Ion Ratio Lower Upper

104 100

78 49.0 38.6 57.8

103 54.8 43.3 64.9





#71

Bromoform

Concen: 53.237 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

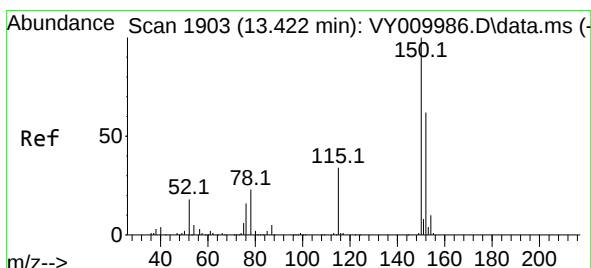
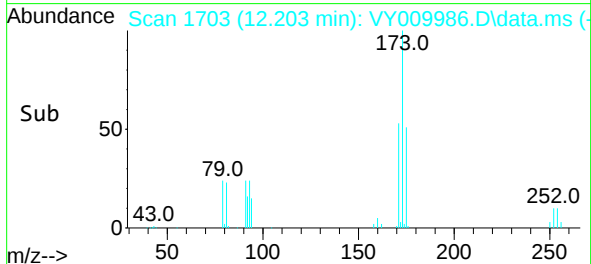
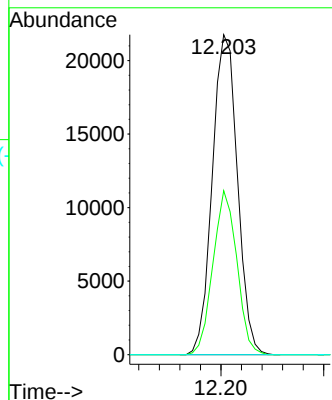
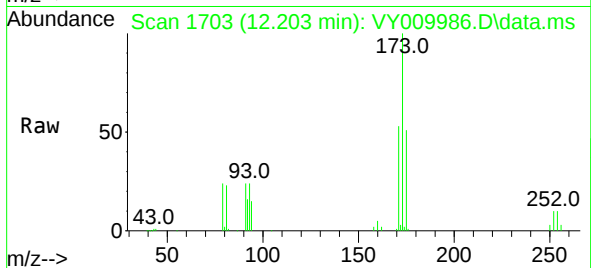
Tgt Ion:173 Resp: 36904

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

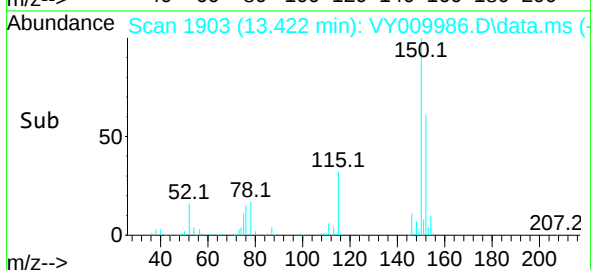
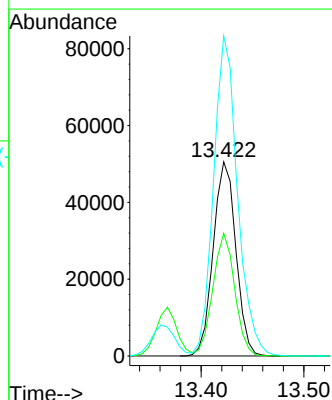
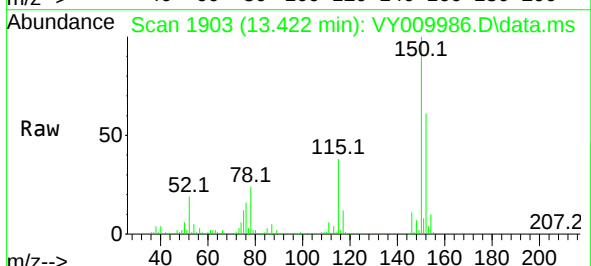
Tgt Ion:152 Resp: 77263

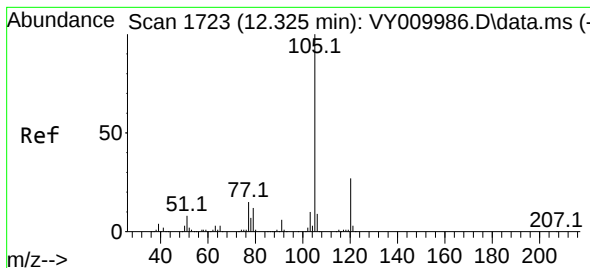
Ion Ratio Lower Upper

152 100

115 61.2 28.6 85.9

150 174.3 0.0 349.8





#73

Isopropylbenzene

Concen: 51.961 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

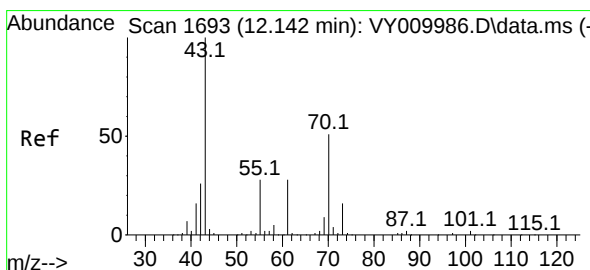
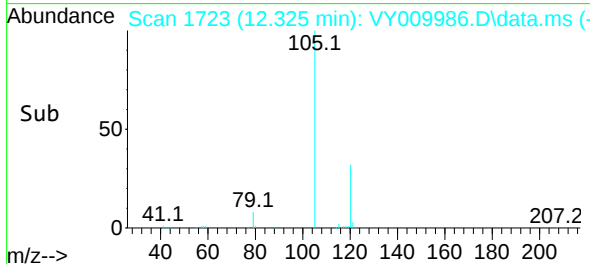
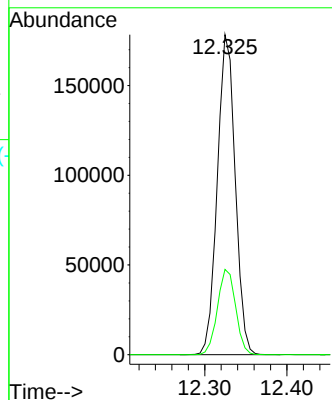
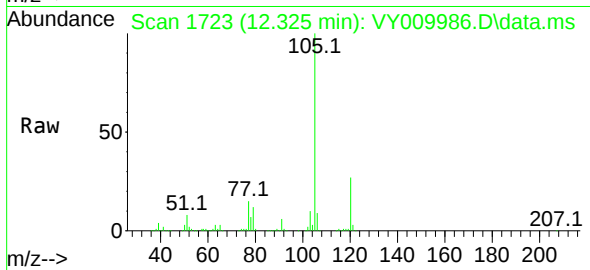
VSTDICCC050

Tgt Ion:105 Resp: 269664

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



#74

N-ethyl acetate

Concen: 51.324 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Tgt Ion: 43 Resp: 69648

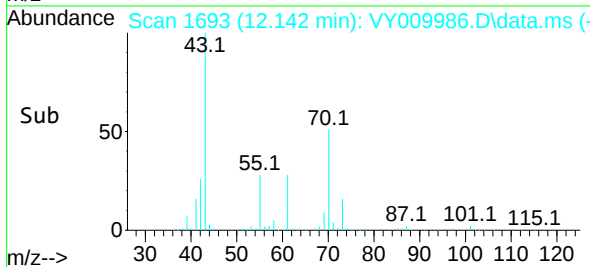
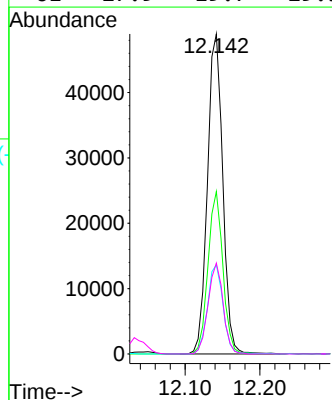
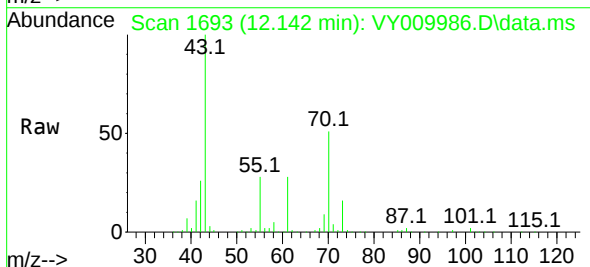
Ion Ratio Lower Upper

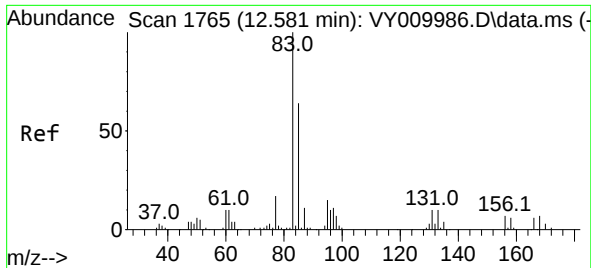
43 100

70 49.4 35.6 53.4

55 28.2 19.5 29.3

61 27.9 19.7 29.5

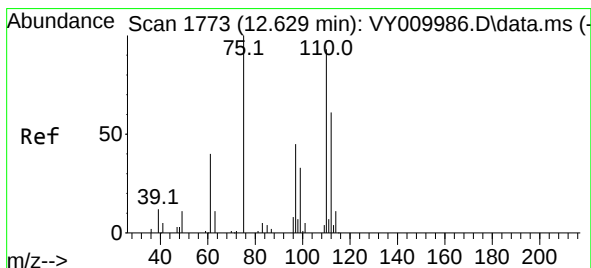
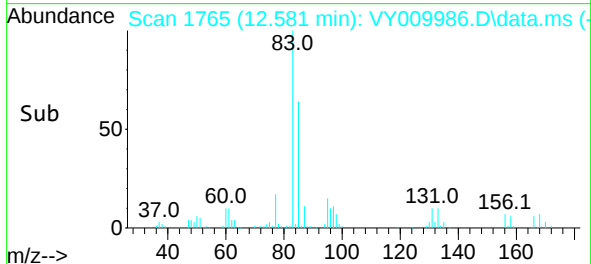
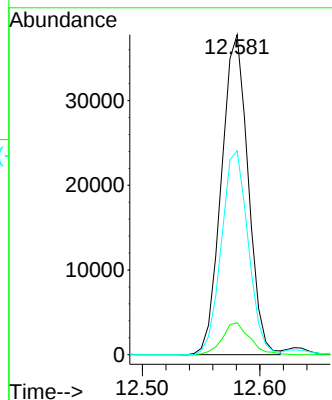
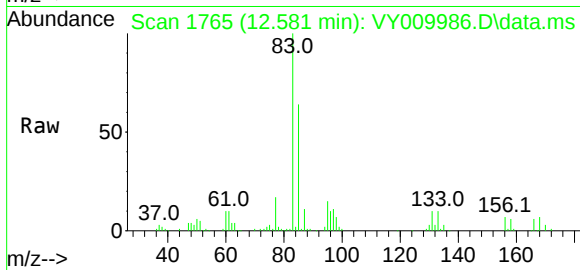




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.850 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY009986.D
 Acq: 12 Aug 2022 14:57

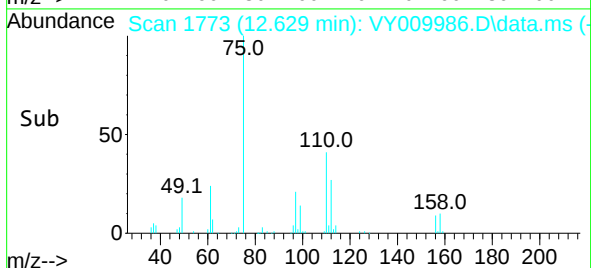
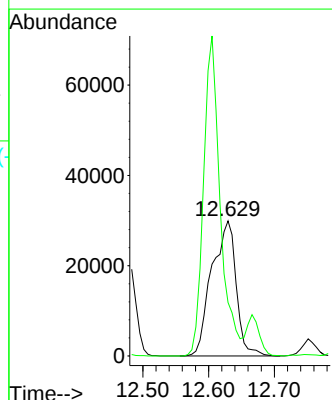
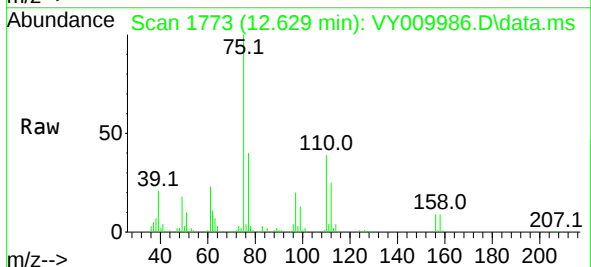
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

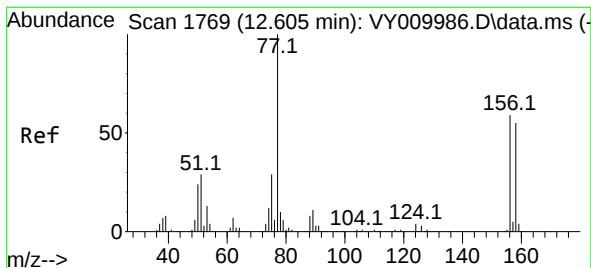
Tgt Ion: 83 Resp: 59671
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.4 16.2
 85 64.0 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 54.128 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY009986.D
 Acq: 12 Aug 2022 14:57

Tgt Ion: 75 Resp: 77375
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.076 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

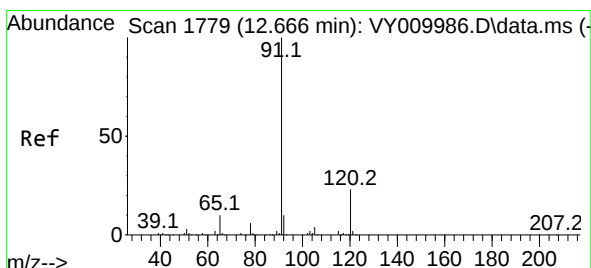
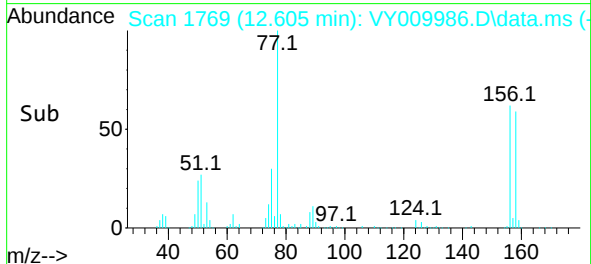
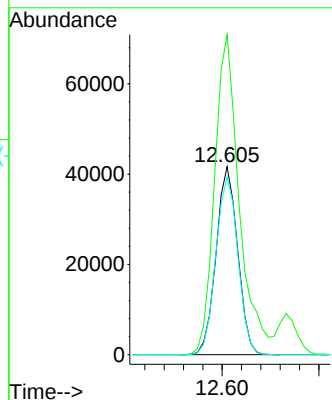
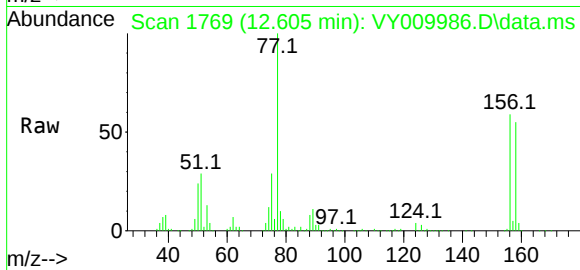
Tgt Ion:156 Resp: 64292

Ion Ratio Lower Upper

156 100

77 193.8 88.1 264.3

158 96.8 48.6 145.8



#78

n-propylbenzene

Concen: 50.278 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009986.D

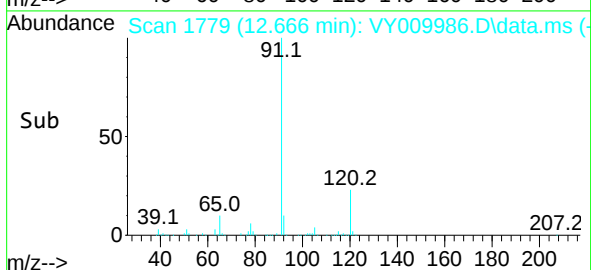
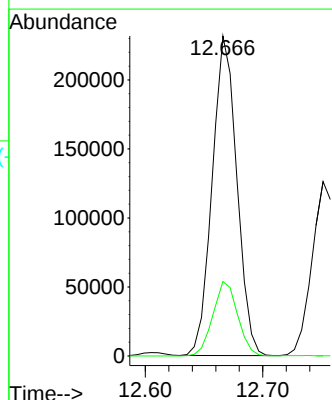
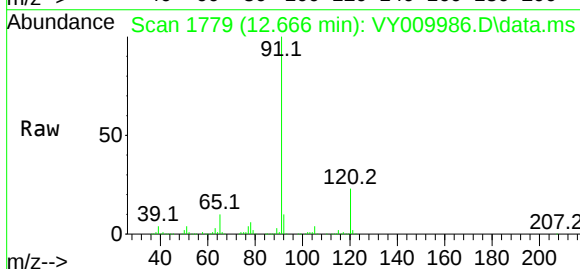
Acq: 12 Aug 2022 14:57

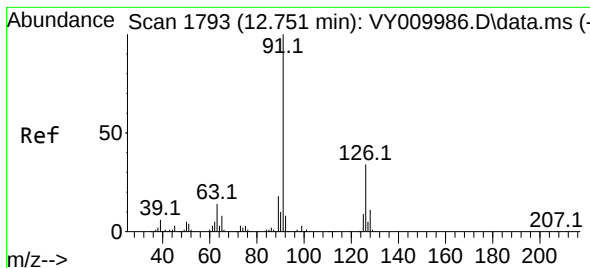
Tgt Ion: 91 Resp: 337675

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

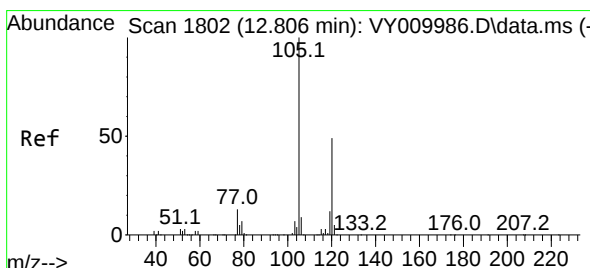
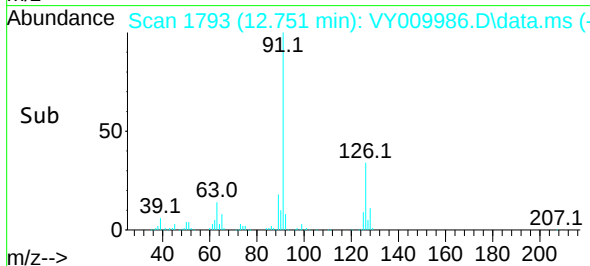
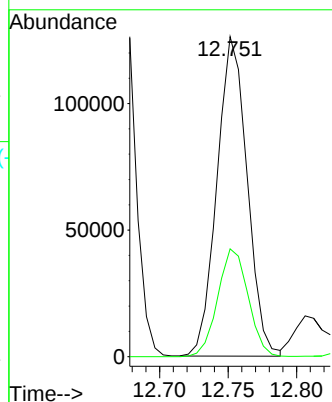
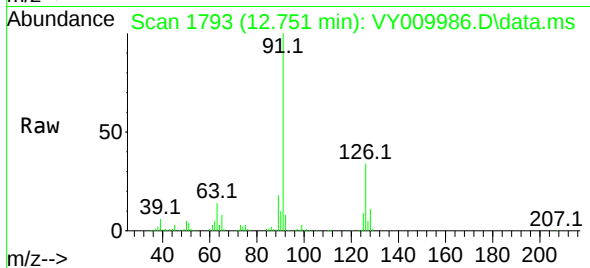




#79
2-Chlorotoluene
Concen: 49.745 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

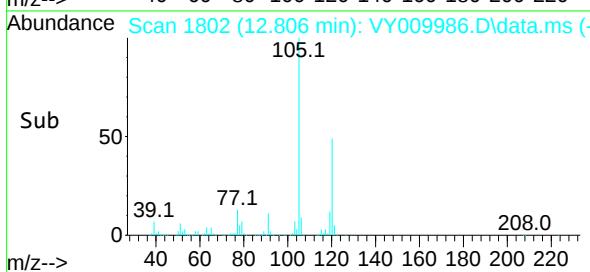
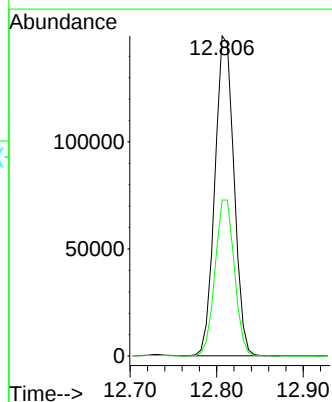
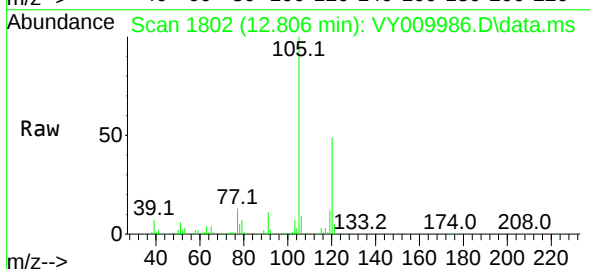
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

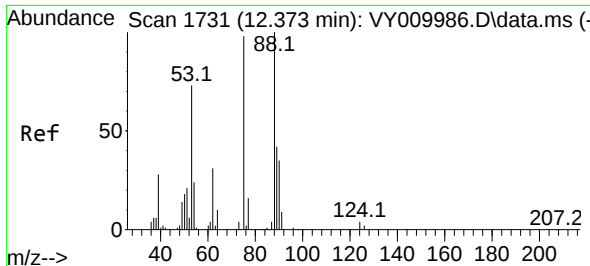
Tgt Ion: 91 Resp: 193723
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 51.896 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 105 Resp: 228969
Ion Ratio Lower Upper
105 100
120 49.4 25.3 75.8

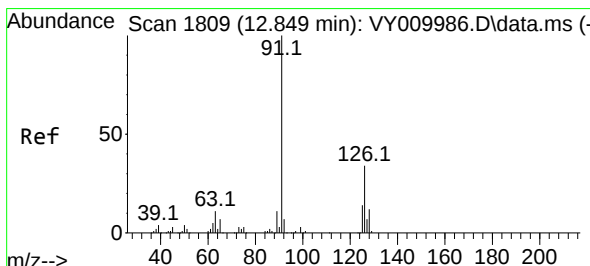
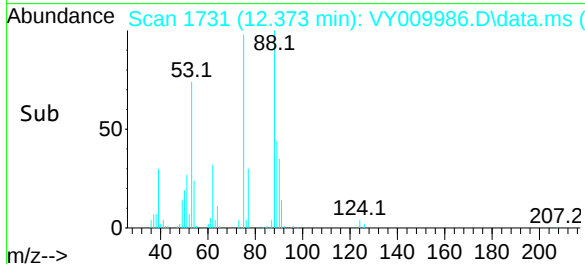
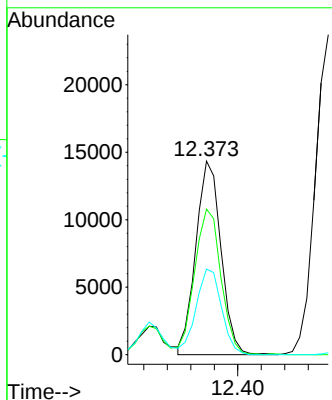
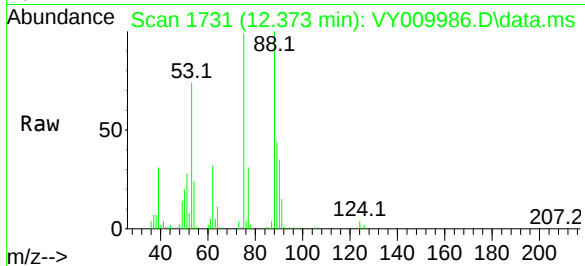




#81
trans-1,4-Dichloro-2-butene
Concen: 50.724 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

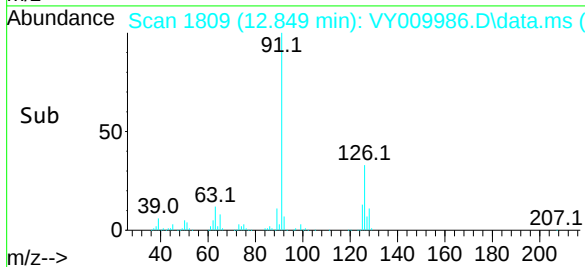
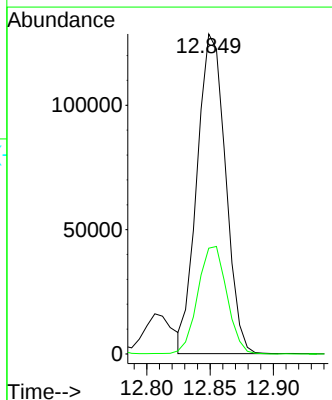
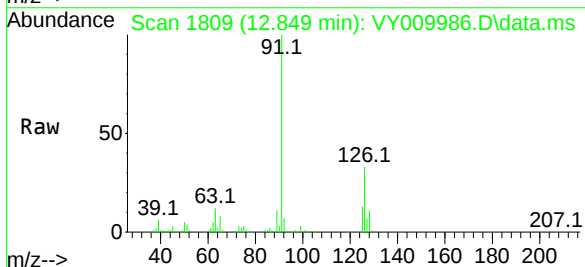
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

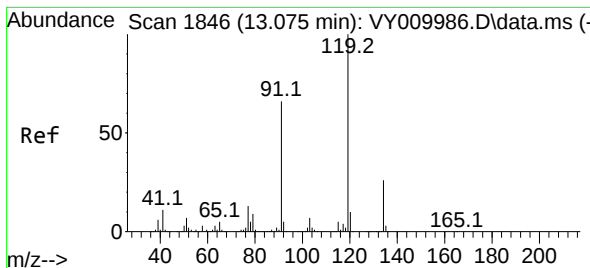
Tgt Ion: 75 Resp: 21356
Ion Ratio Lower Upper
75 100
53 79.0 71.4 107.2
89 44.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 50.423 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 91 Resp: 201246
Ion Ratio Lower Upper
91 100
126 34.5 18.0 54.0





#83

tert-Butylbenzene

Concen: 52.552 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

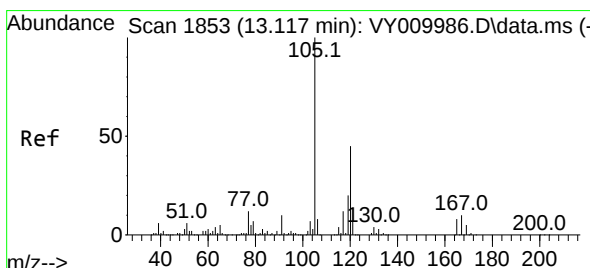
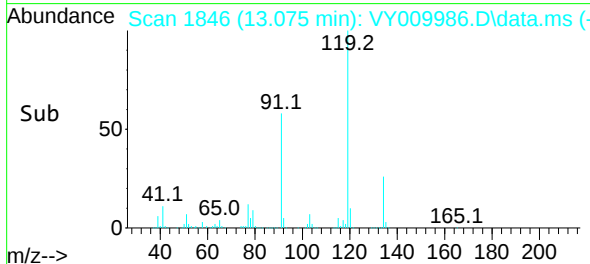
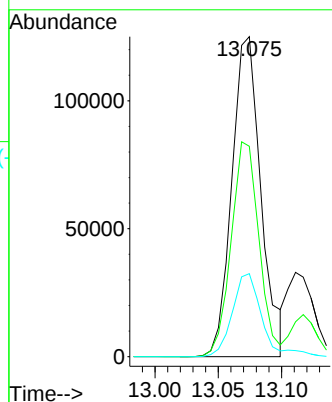
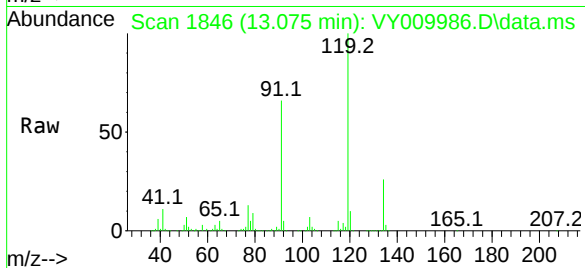
Tgt Ion:119 Resp: 200045

Ion Ratio Lower Upper

119 100

91 64.4 32.0 96.0

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 52.197 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009986.D

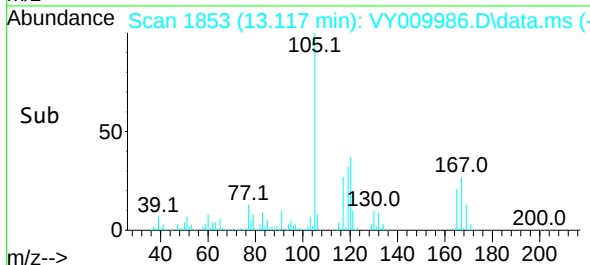
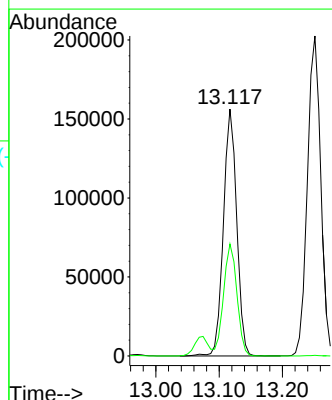
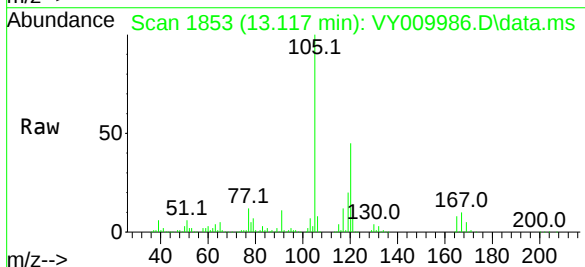
Acq: 12 Aug 2022 14:57

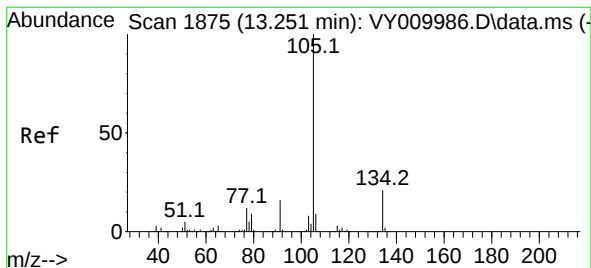
Tgt Ion:105 Resp: 226977

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.044 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

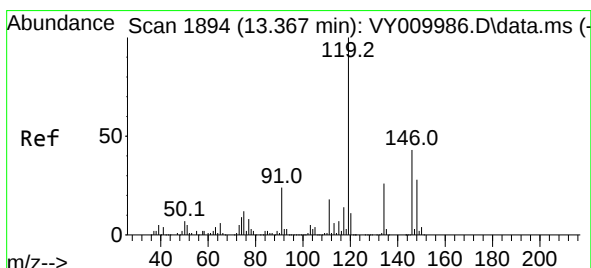
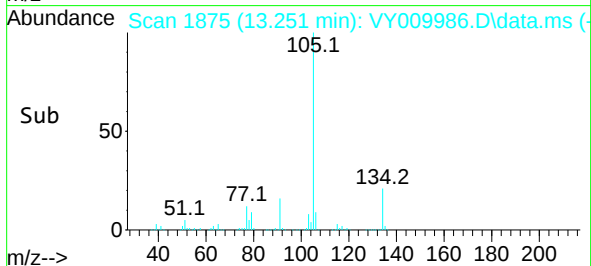
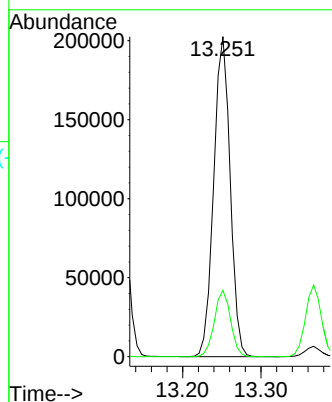
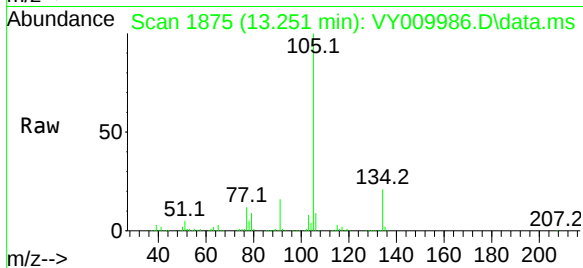
VSTDICCC050

Tgt Ion:105 Resp: 295263

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.6



#86

p-Isopropyltoluene

Concen: 52.359 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

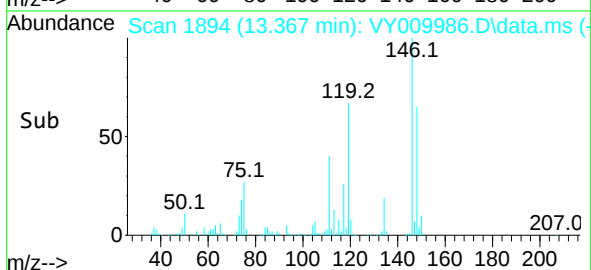
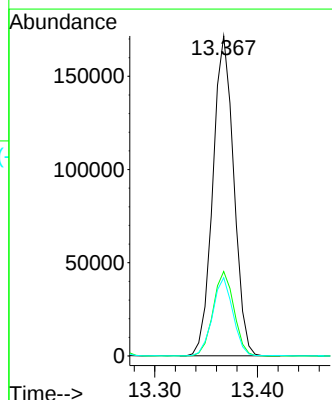
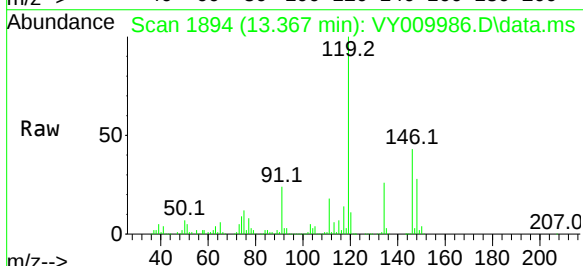
Tgt Ion:119 Resp: 242168

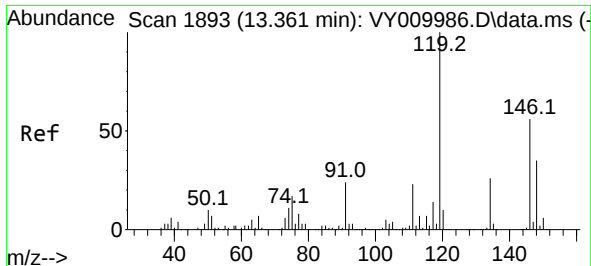
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 23.8 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 49.433 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

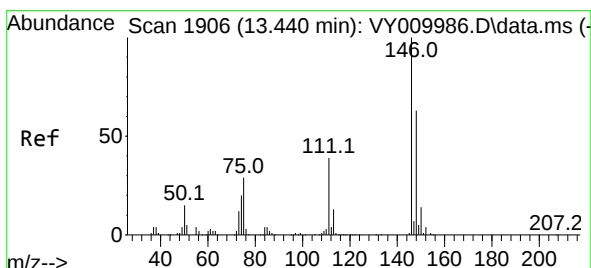
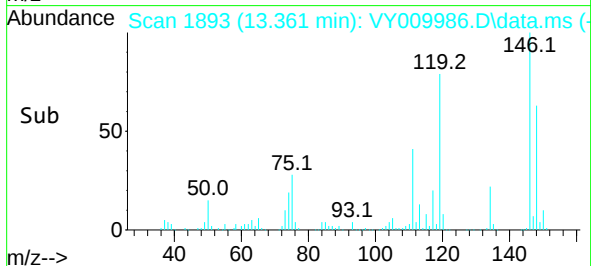
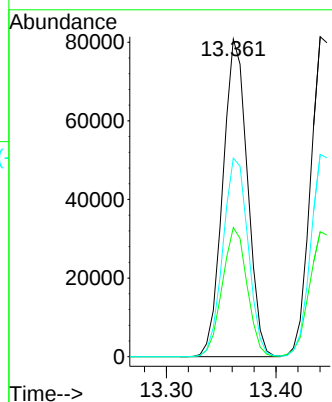
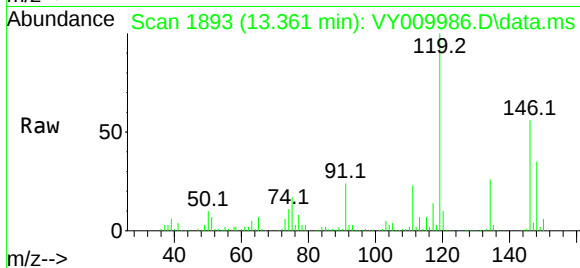
Tgt Ion:146 Resp: 126149

Ion Ratio Lower Upper

146 100

111 40.9 19.1 57.3

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.234 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

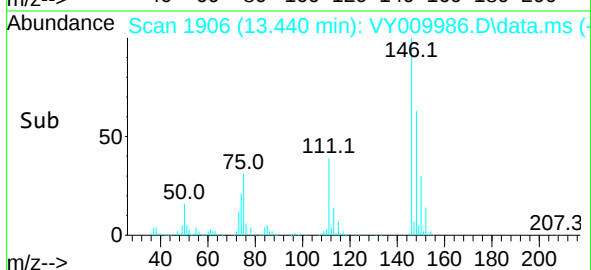
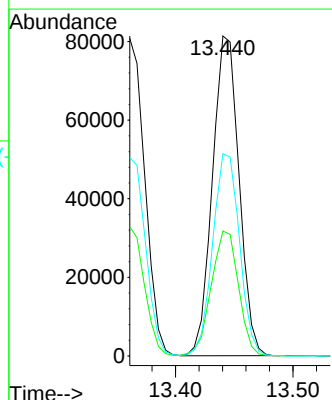
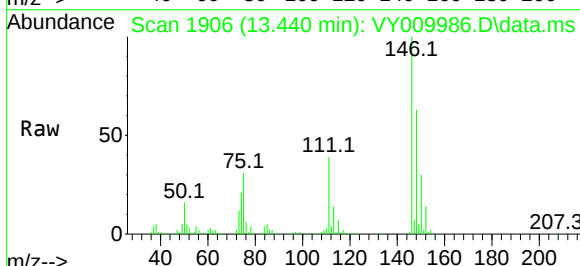
Tgt Ion:146 Resp: 128018

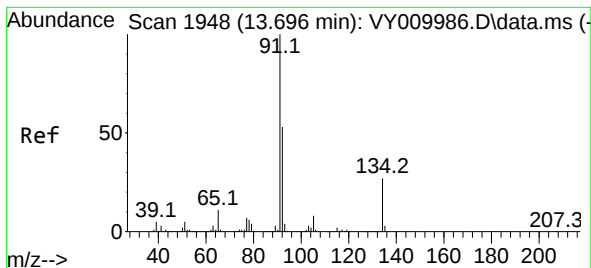
Ion Ratio Lower Upper

146 100

111 40.2 18.9 56.9

148 64.0 31.6 95.0





#89

n-Butylbenzene

Concen: 52.593 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

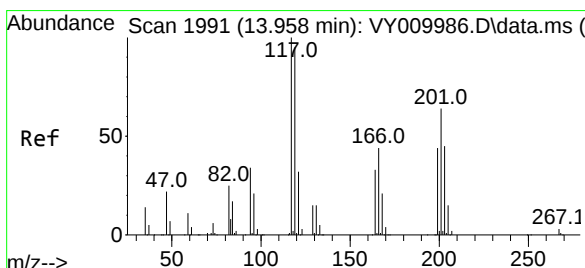
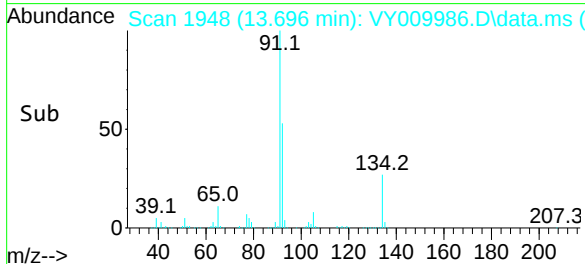
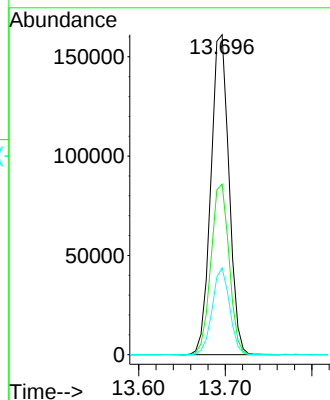
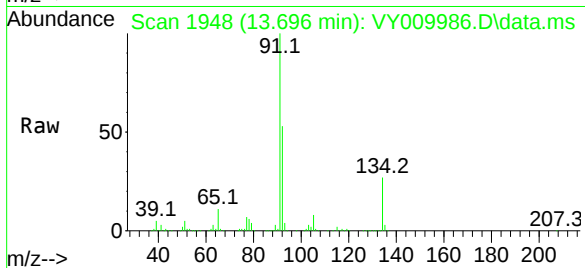
Tgt Ion: 91 Resp: 234143

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 25.9 14.0 41.9



#90

Hexachloroethane

Concen: 50.193 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009986.D

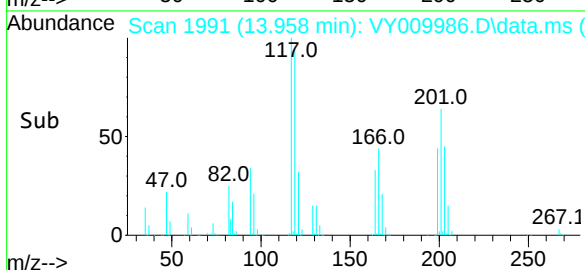
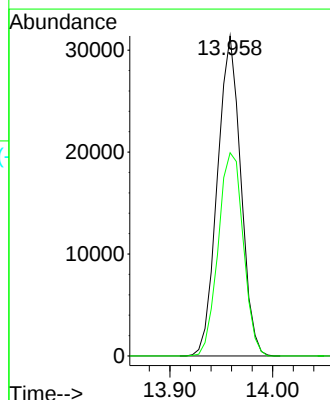
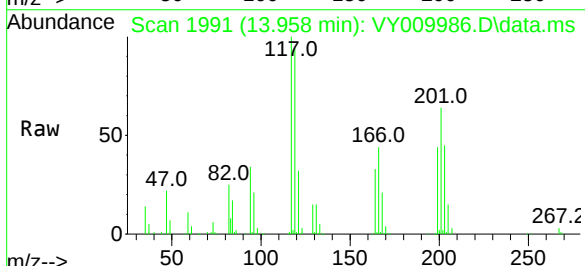
Acq: 12 Aug 2022 14:57

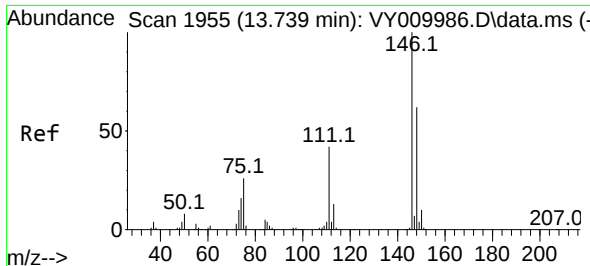
Tgt Ion: 117 Resp: 49575

Ion Ratio Lower Upper

117 100

201 68.0 38.8 116.3

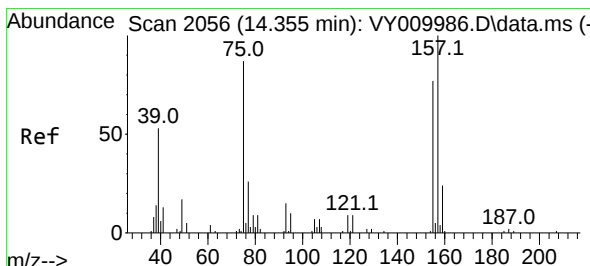
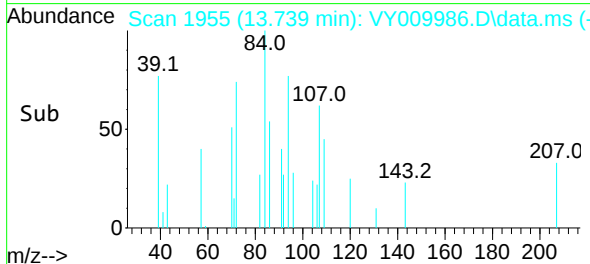
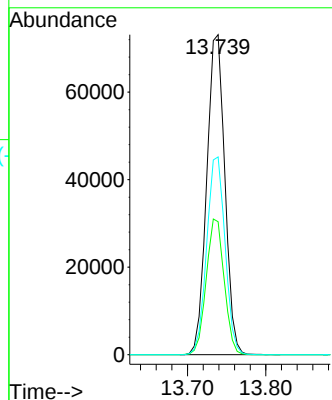
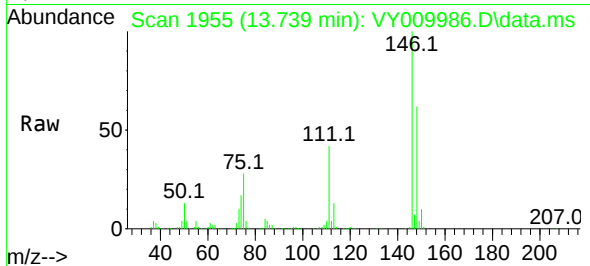




#91
1,2-Dichlorobenzene
Concen: 51.040 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

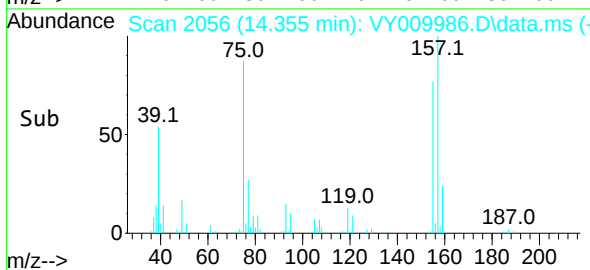
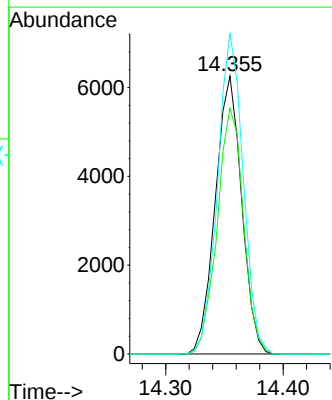
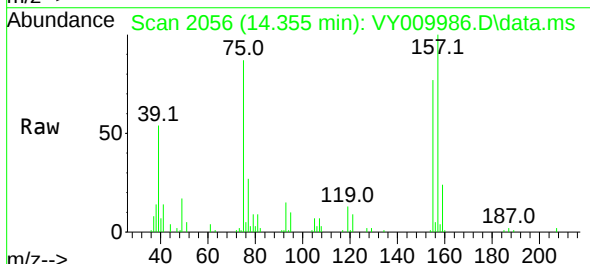
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

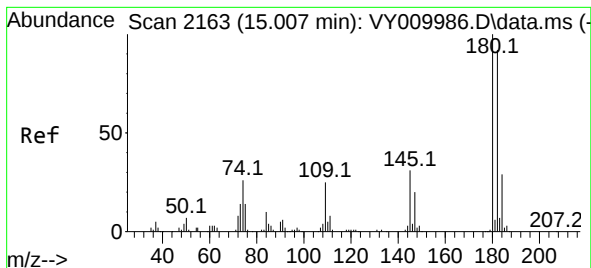
Tgt Ion:146 Resp: 117134
Ion Ratio Lower Upper
146 100
111 42.1 19.7 59.1
148 62.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.407 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009986.D
Acq: 12 Aug 2022 14:57

Tgt Ion: 75 Resp: 9746
Ion Ratio Lower Upper
75 100
155 88.1 46.4 139.1
157 112.1 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 51.644 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

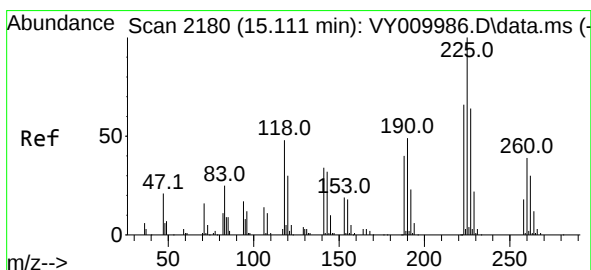
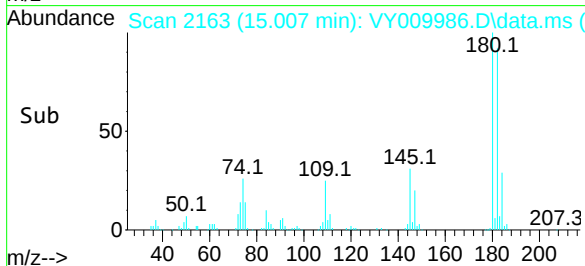
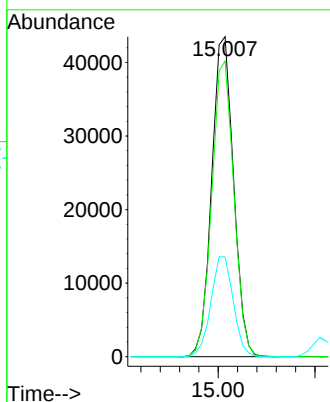
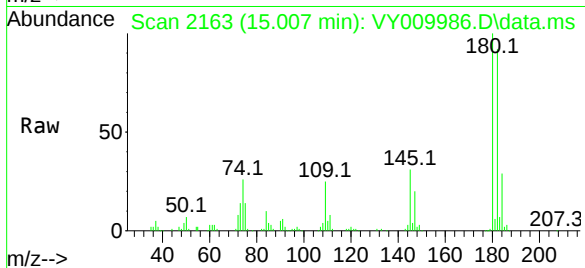
Tgt Ion:180 Resp: 68220

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.9

145 32.0 15.1 45.3



#94

Hexachlorobutadiene

Concen: 48.795 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

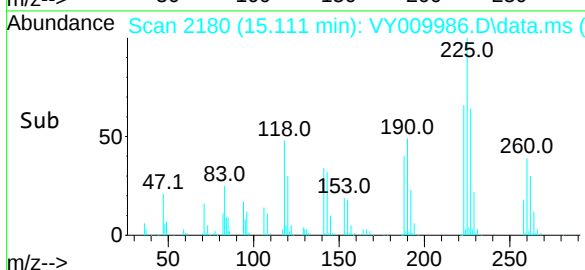
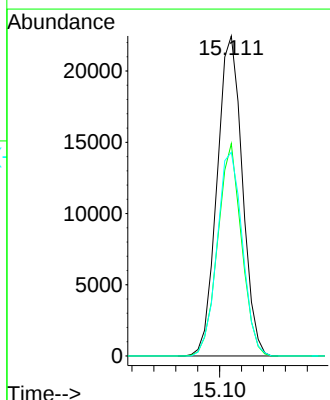
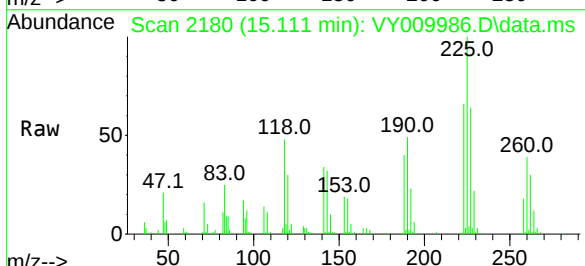
Tgt Ion:225 Resp: 35884

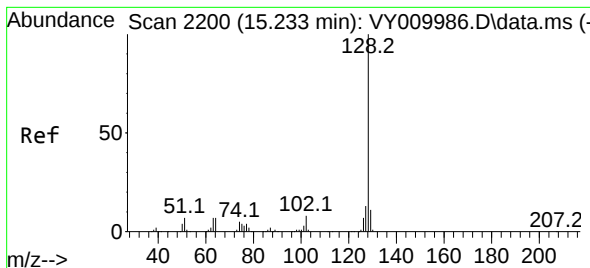
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 64.0 31.9 95.5





#95

Naphthalene

Concen: 54.992 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

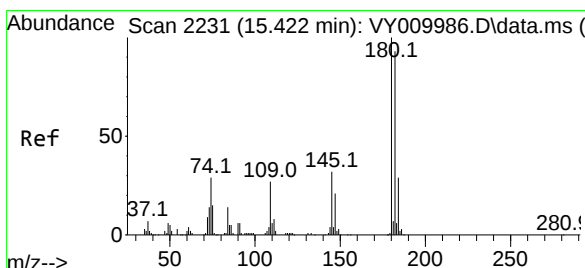
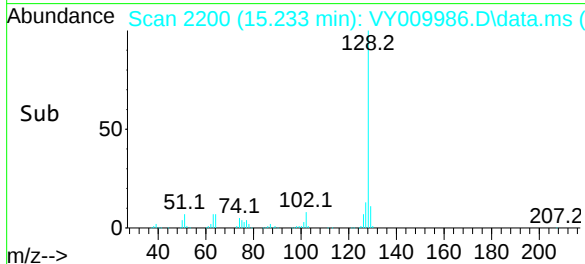
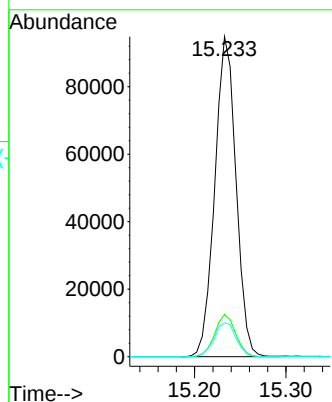
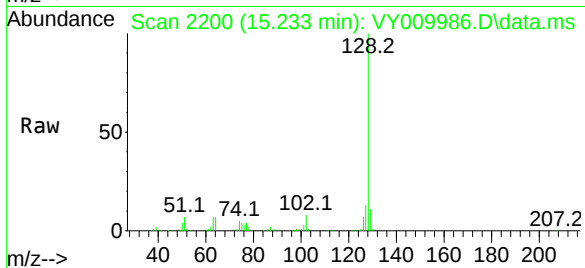
Tgt Ion:128 Resp: 153008

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.086 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009986.D

Acq: 12 Aug 2022 14:57

Tgt Ion:180 Resp: 61069

Ion Ratio Lower Upper

180 100

182 92.8 47.0 141.0

145 33.8 15.6 46.7

