

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020296.D
 Acq On : 13 Nov 2024 20:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 01:04:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	200723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	468785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	409607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	183019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	178784	71.366	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	142.740%	
35) Dibromofluoromethane	7.640	113	131187	44.015	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	88.020%	
50) Toluene-d8	10.109	98	526113	44.346	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	88.700%	
62) 4-Bromofluorobenzene	12.408	95	214684	55.711	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	111.420%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	86356	46.476	ug/l	99
3) Chloromethane	2.068	50	157858	51.291	ug/l	98
4) Vinyl Chloride	2.208	62	172485	52.205	ug/l	99
5) Bromomethane	2.605	94	104327	47.560	ug/l	99
6) Chloroethane	2.739	64	114868	53.870	ug/l	97
7) Trichlorofluoromethane	3.068	101	254925	63.159	ug/l	99
8) Diethyl Ether	3.458	74	74927	66.558	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.824	101	115960	51.222	ug/l	92
10) Methyl Iodide	4.013	142	115576	52.878	ug/l	90
11) Tert butyl alcohol	4.872	59	37318	207.096	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	121128	55.921	ug/l	# 83
13) Acrolein	3.665	56	28290	126.116	ug/l	100
14) Allyl chloride	4.397	41	191394	48.975	ug/l	# 90
15) Acrylonitrile	5.067	53	135133	263.706	ug/l	97
16) Acetone	3.879	43	135078	231.859	ug/l	# 85
17) Carbon Disulfide	4.110	76	312293	43.324	ug/l	99
18) Methyl Acetate	4.391	43	72223	52.837	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	290005	53.218	ug/l	98
20) Methylene Chloride	4.622	84	119013	45.475	ug/l	# 82
21) trans-1,2-Dichloroethene	5.128	96	123560	50.581	ug/l	87
22) Diisopropyl ether	6.031	45	445102	54.885	ug/l	# 94
23) Vinyl Acetate	5.970	43	1193293	261.461	ug/l	# 92
24) 1,1-Dichloroethane	5.927	63	247618	52.731	ug/l	97
25) 2-Butanone	6.903	43	193582	245.128	ug/l	# 85
26) 2,2-Dichloropropane	6.896	77	194446	49.767	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	149937	53.394	ug/l	86
28) Bromochloromethane	7.250	49	181241	82.426	ug/l	# 74
29) Tetrahydrofuran	7.268	42	149592	328.233	ug/l	# 82
30) Chloroform	7.427	83	290566	62.355	ug/l	99
31) Cyclohexane	7.707	56	205606	45.226	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	214522	52.729	ug/l	# 94
36) 1,1-Dichloropropene	7.841	75	178569	38.784	ug/l	94
37) Ethyl Acetate	6.988	43	84257	38.384	ug/l	# 93
38) Carbon Tetrachloride	7.823	117	182339	39.383	ug/l	98
39) Methylcyclohexane	9.109	83	274176	46.919	ug/l	89
40) Benzene	8.085	78	659988	49.110	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	53472	48.628	ug/l	90
42) 1,2-Dichloroethane	8.165	62	186001	50.002	ug/l	94
43) Isopropyl Acetate	8.201	43	206806	48.992	ug/l #	75
44) Trichloroethene	8.872	130	160938	51.670	ug/l	94
45) 1,2-Dichloropropane	9.146	63	164909	51.289	ug/l	95
46) Dibromomethane	9.231	93	87229	50.069	ug/l	91
47) Bromodichloromethane	9.426	83	238412	52.237	ug/l	99
48) Methyl methacrylate	9.225	41	102579	52.464	ug/l #	81
49) 1,4-Dioxane	9.237	88	17407	970.468	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	523977	240.905	ug/l	90
52) Toluene	10.170	92	349343	42.170	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	170361	42.270	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	237771	49.427	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	93573	43.198	ug/l	93
56) Ethyl methacrylate	10.438	69	132521	42.649	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	166050	41.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	350844	228.951	ug/l	94
59) 2-Hexanone	10.762	43	318615	204.327	ug/l	87
60) Dibromochloromethane	10.914	129	124747	45.178	ug/l	98
61) 1,2-Dibromoethane	11.018	107	87384	43.420	ug/l	98
64) Tetrachloroethene	10.652	164	127028	46.969	ug/l	96
65) Chlorobenzene	11.444	112	455663	52.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	153817	55.162	ug/l	98
67) Ethyl Benzene	11.524	91	849489	52.068	ug/l	99
68) m/p-Xylenes	11.627	106	621176	104.065	ug/l	91
69) o-Xylene	11.957	106	291825	51.638	ug/l	90
70) Styrene	11.969	104	497139	53.204	ug/l	95
71) Bromoform	12.133	173	78663	54.989	ug/l #	99
73) Isopropylbenzene	12.255	105	796206	54.458	ug/l	97
74) N-ethyl acetate	12.072	43	196299	53.711	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	126460	49.457	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	102535m	59.766	ug/l	
77) Bromobenzene	12.530	156	163083	55.154	ug/l	87
78) n-propylbenzene	12.597	91	965037	53.035	ug/l	97
79) 2-Chlorotoluene	12.682	91	539684	53.432	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	637380	54.302	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	42623	53.439	ug/l #	85
82) 4-Chlorotoluene	12.780	91	551891	53.590	ug/l	94
83) tert-Butylbenzene	12.999	119	563101	54.862	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	620539	53.375	ug/l	97
85) sec-Butylbenzene	13.176	105	841139	53.383	ug/l	97
86) p-Isopropyltoluene	13.292	119	673406	53.258	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	319413	53.175	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	312235	52.197	ug/l	97
89) n-Butylbenzene	13.621	91	656201	51.771	ug/l	98
90) Hexachloroethane	13.883	117	132939	53.162	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	277111	53.074	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19556	50.431	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	135622	48.353	ug/l	96
94) Hexachlorobutadiene	15.023	225	70861	46.202	ug/l	98
95) Naphthalene	15.151	128	224365	42.793	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	96110	40.367	ug/l	97

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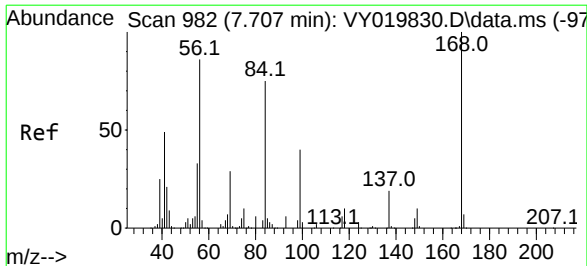
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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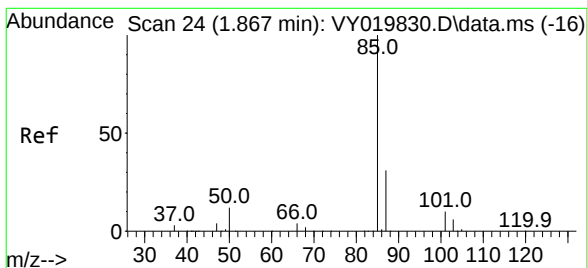
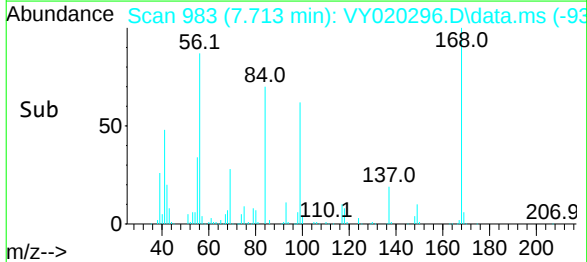
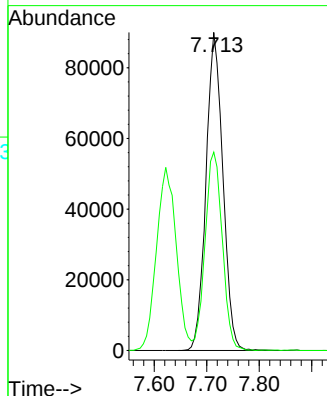
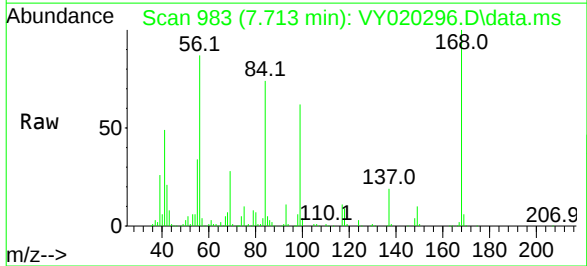




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

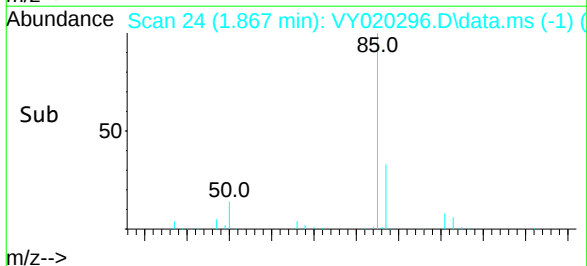
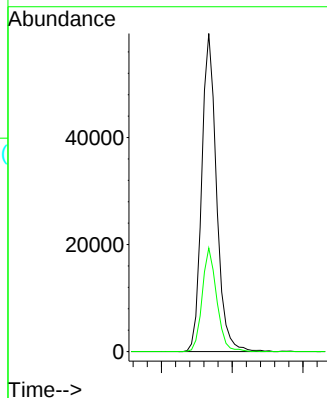
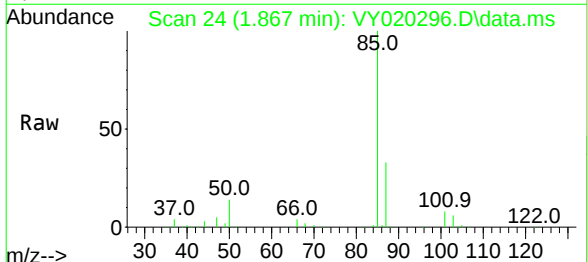
Instrument :
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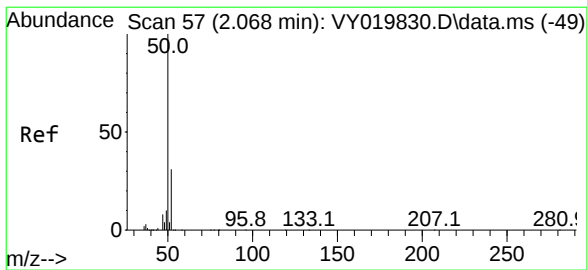
Tgt Ion:168 Resp: 200723
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 46.476 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 85 Resp: 86356
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0





#3

Chloromethane

Concen: 51.291 ug/l

RT: 2.068 min Scan# 57

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

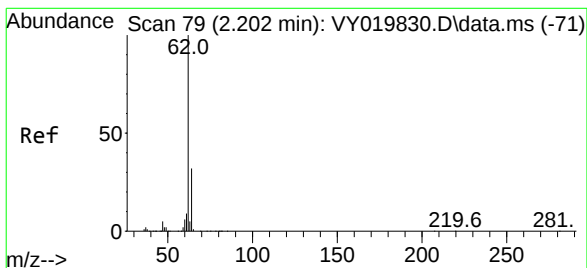
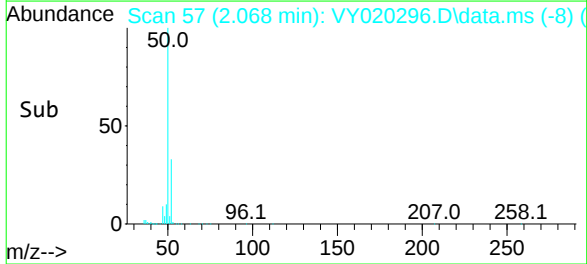
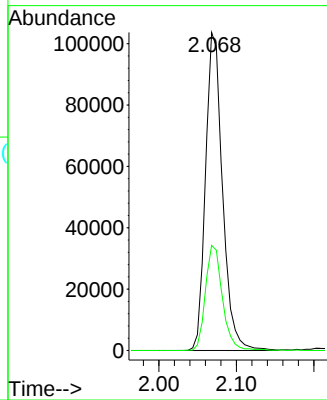
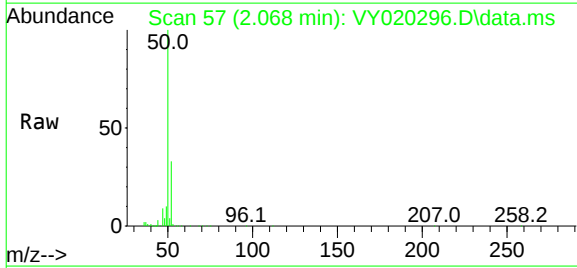
VSTDCCC050EC

Tgt Ion: 50 Resp: 157858

Ion Ratio Lower Upper

50 100

52 33.0 25.6 38.4



#4

Vinyl Chloride

Concen: 52.205 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020296.D

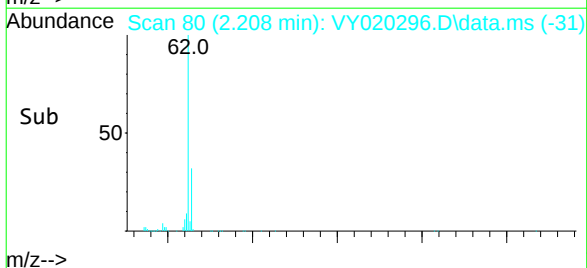
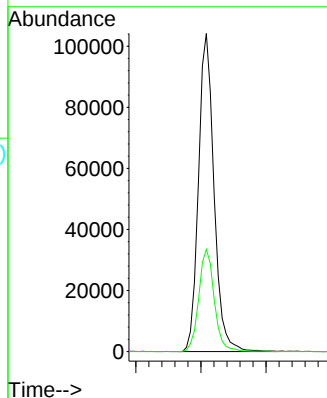
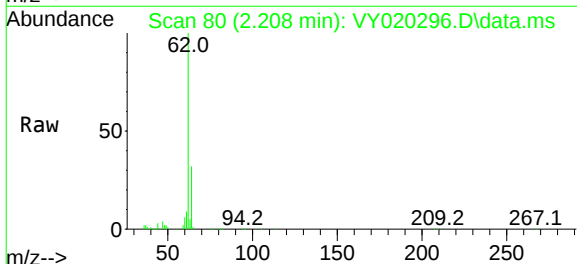
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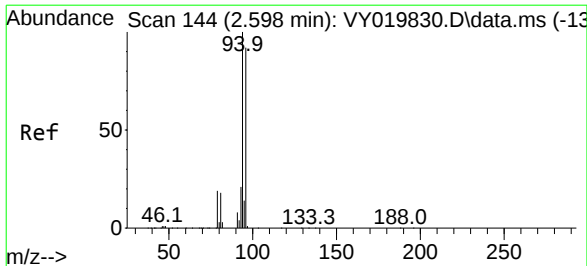
Tgt Ion: 62 Resp: 172485

Ion Ratio Lower Upper

62 100

64 32.2 26.1 39.1





#5

Bromomethane

Concen: 47.560 ug/l

RT: 2.605 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

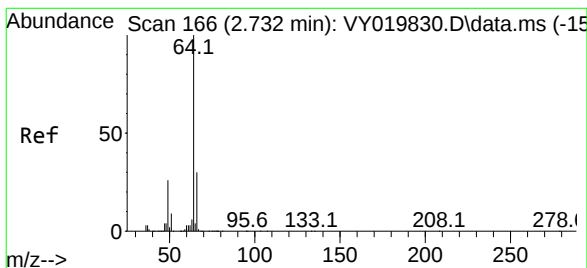
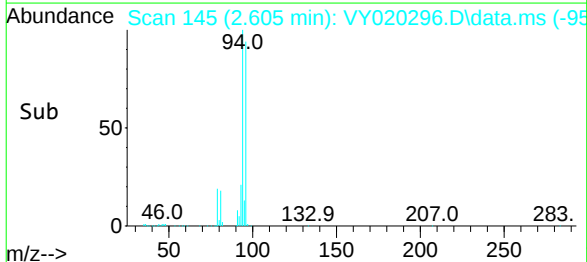
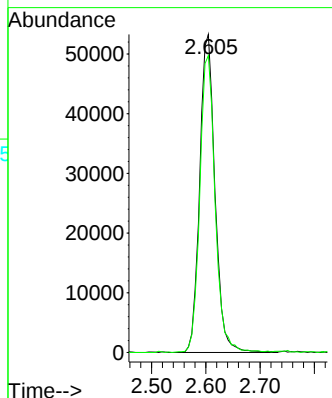
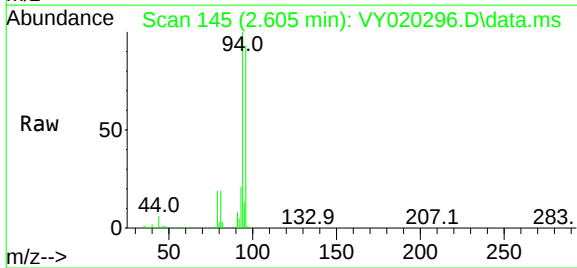
VSTDCCC050EC

Tgt Ion: 94 Resp: 104327

Ion Ratio Lower Upper

94 100

96 93.1 74.1 111.1



#6

Chloroethane

Concen: 53.870 ug/l

RT: 2.739 min Scan# 167

Delta R.T. 0.000 min

Lab File: VY020296.D

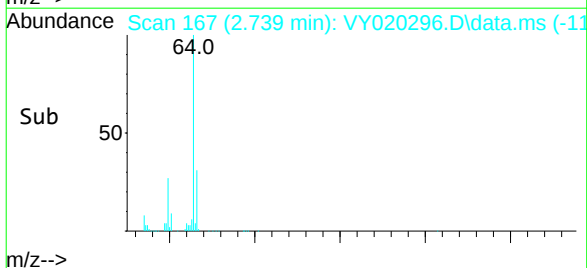
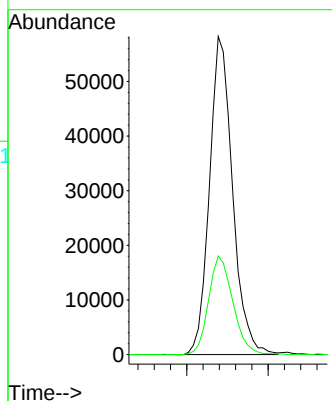
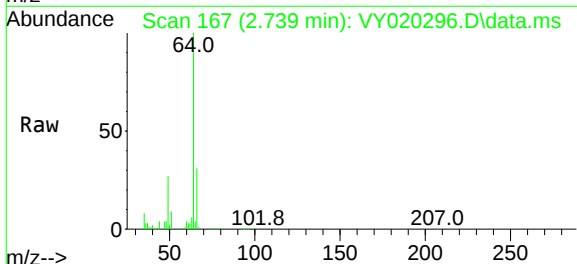
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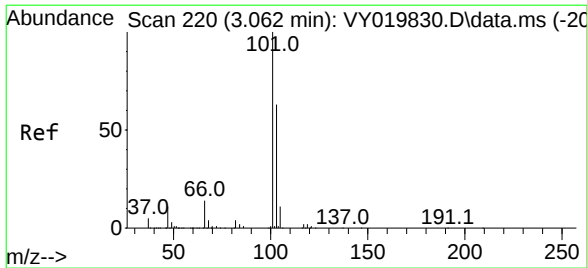
Tgt Ion: 64 Resp: 114868

Ion Ratio Lower Upper

64 100

66 31.0 26.1 39.1

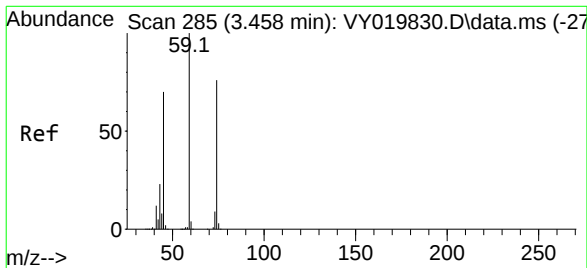
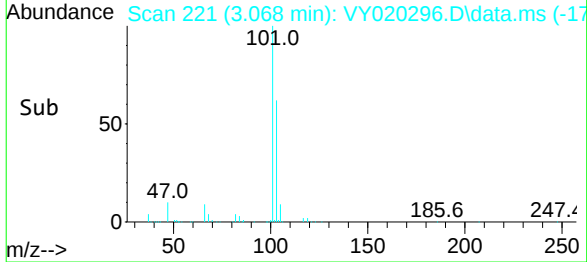
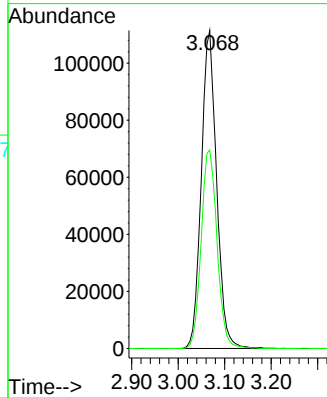
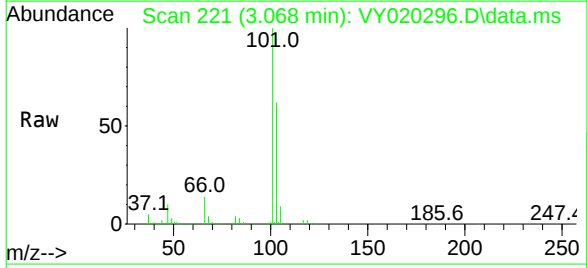




#7
 Trichlorofluoromethane
 Concen: 63.159 ug/l
 RT: 3.068 min Scan# 220
 Delta R.T. 0.006 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

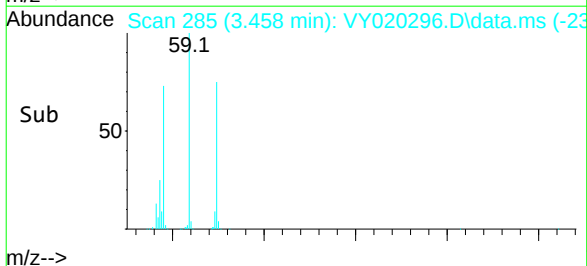
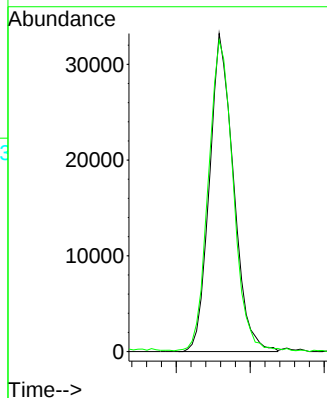
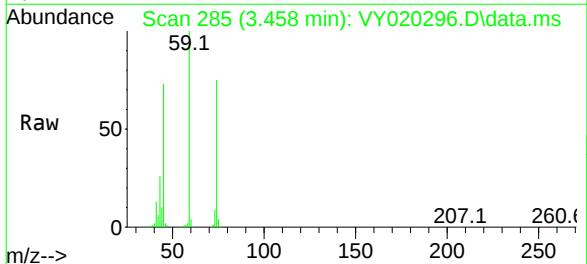
Instrument :
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 VSTDCCC050EC

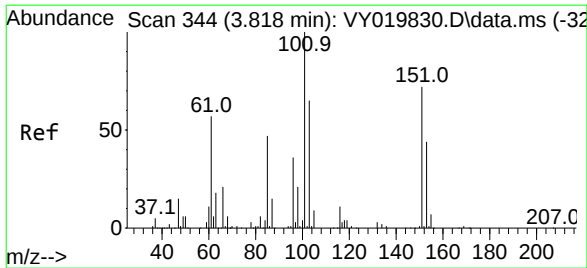
Tgt Ion: 101 Resp: 254925
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 66.558 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

Tgt Ion: 74 Resp: 74927
 Ion Ratio Lower Upper
 74 100
 45 102.0 41.3 124.1

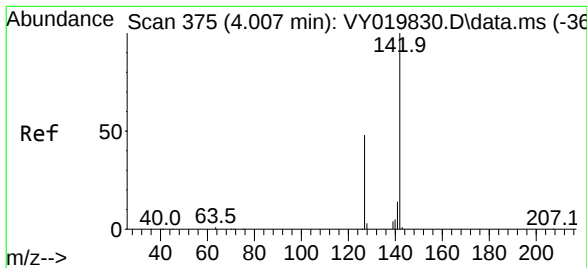
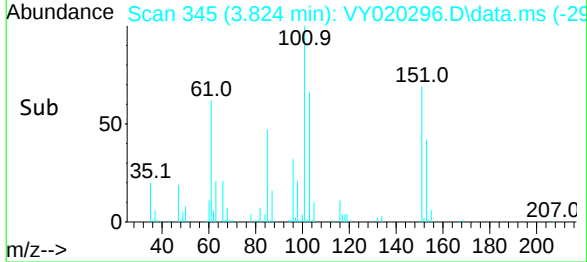
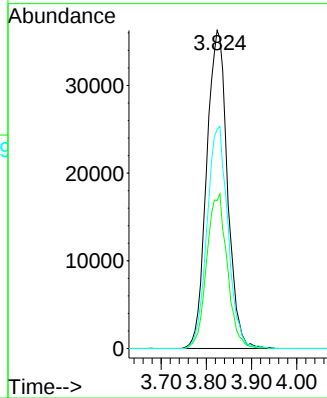
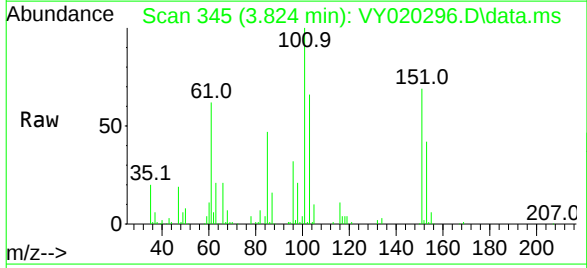




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.222 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY020296.D
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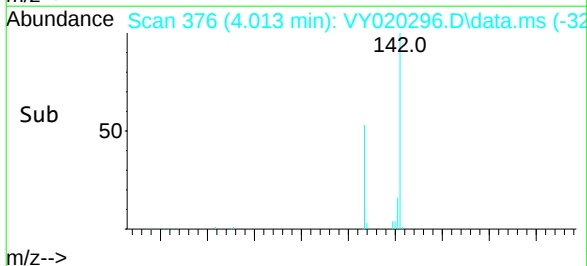
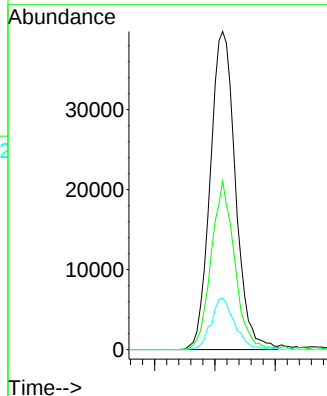
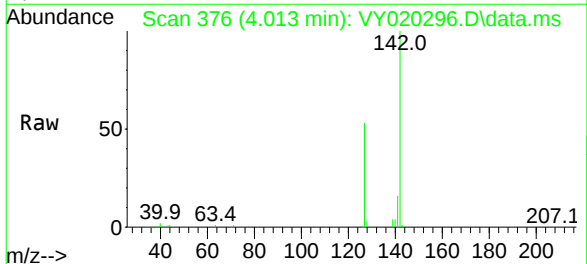
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

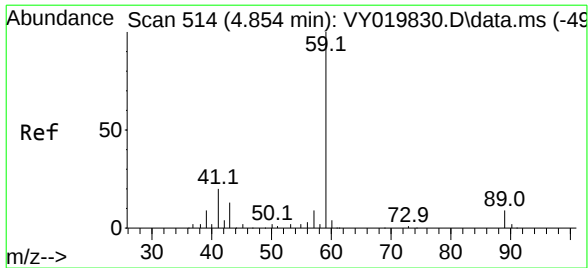
Tgt Ion:101 Resp: 115960
Ion Ratio Lower Upper
101 100
85 47.9 34.5 51.7
151 70.3 61.7 92.5



#10
Methyl Iodide
Concen: 52.878 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion:142 Resp: 115576
Ion Ratio Lower Upper
142 100
127 49.1 32.8 49.2
141 15.1 11.4 17.2

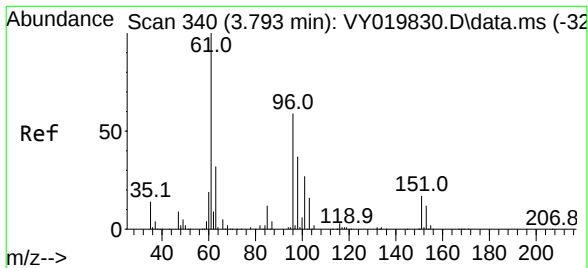
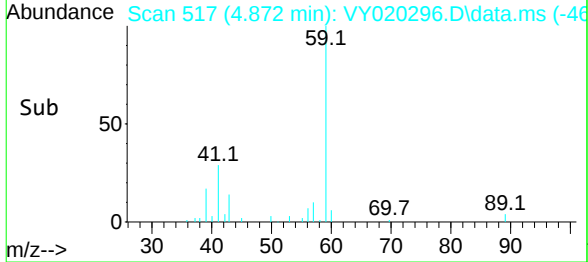
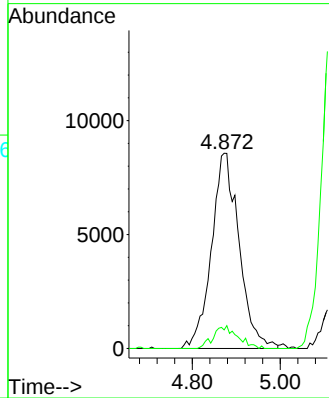
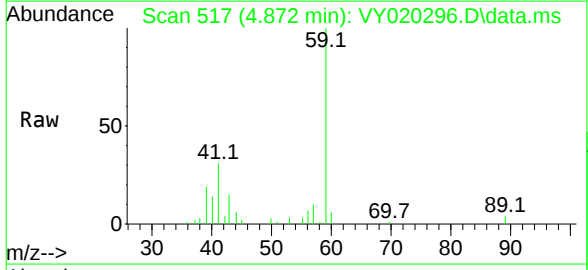




#11
Tert butyl alcohol
Concen: 207.096 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

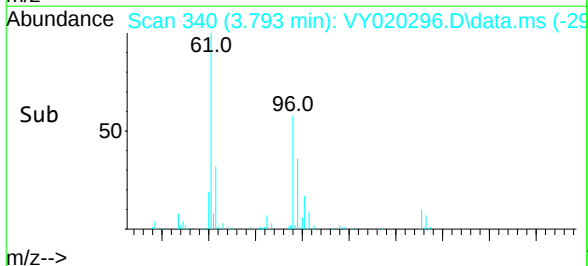
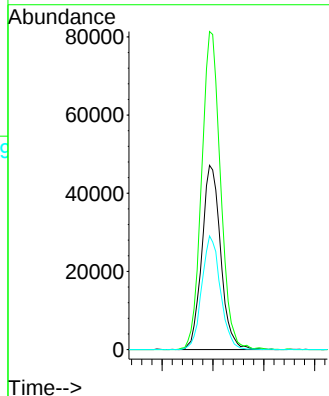
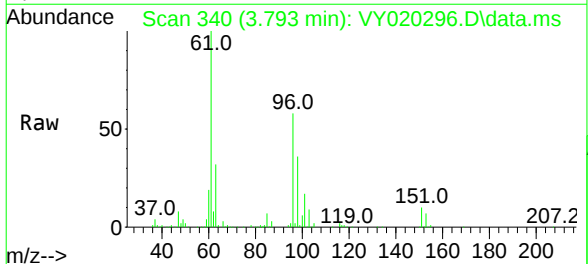
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

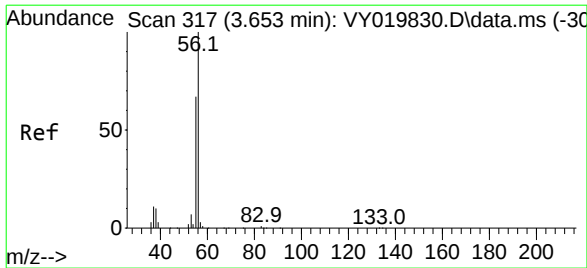
Tgt Ion: 59 Resp: 37318
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 55.921 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 96 Resp: 121128
Ion Ratio Lower Upper
96 100
61 172.5 114.6 171.8#
98 61.7 50.8 76.2

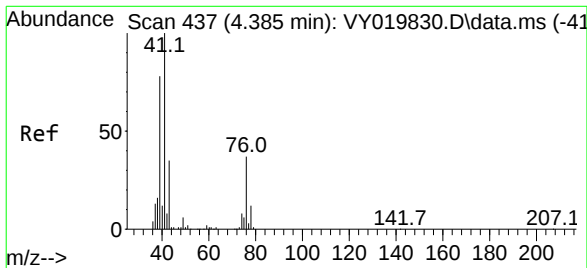
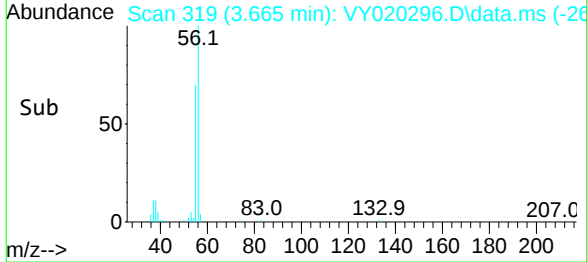
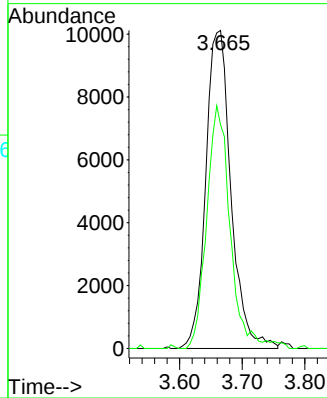
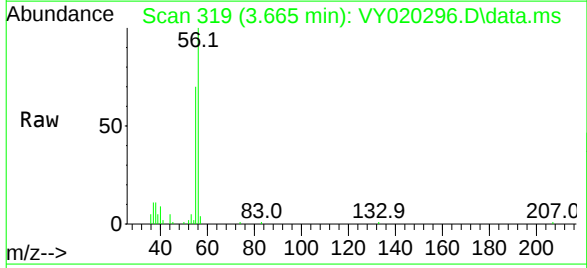




#13
Acrolein
Concen: 126.116 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

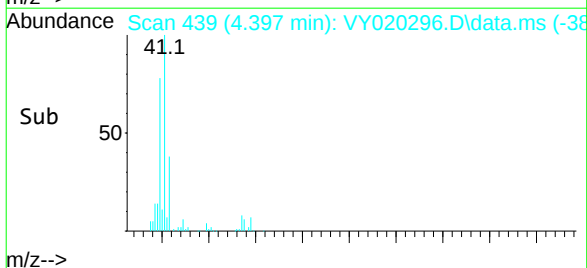
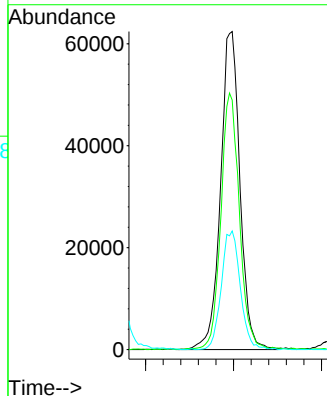
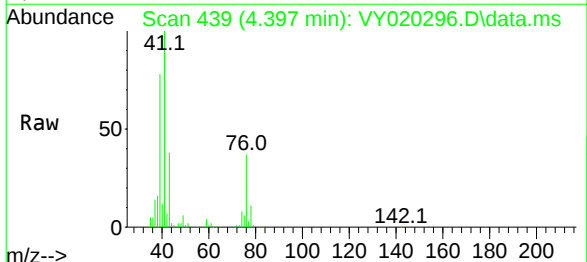
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

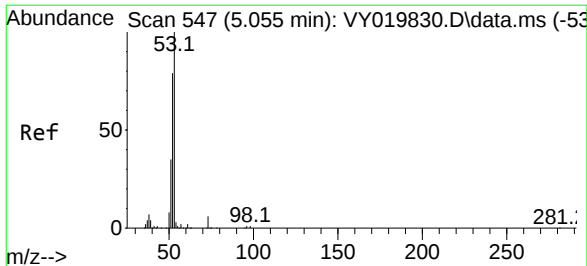
Tgt Ion: 56 Resp: 28290
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5



#14
Allyl chloride
Concen: 48.975 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 41 Resp: 191394
Ion Ratio Lower Upper
41 100
39 76.7 58.3 87.5
76 36.4 39.0 58.6#





#15

Acrylonitrile

Concen: 263.706 ug/l

RT: 5.067 min Scan# 54

Delta R.T. 0.013 min

Lab File: VY020296.D

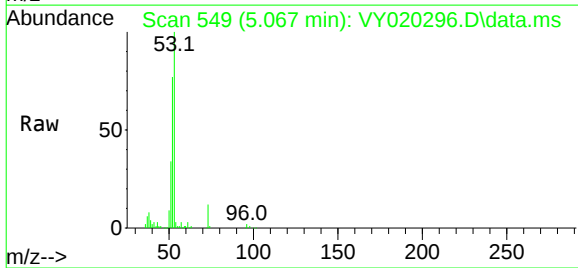
Acq: 13 Nov 2024 20:18

Instrument :

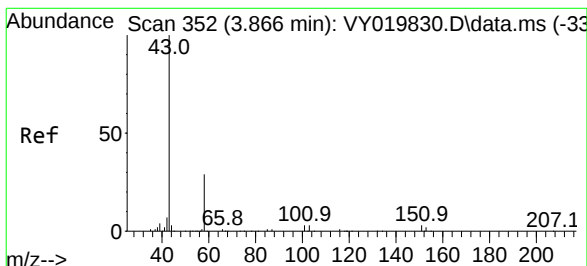
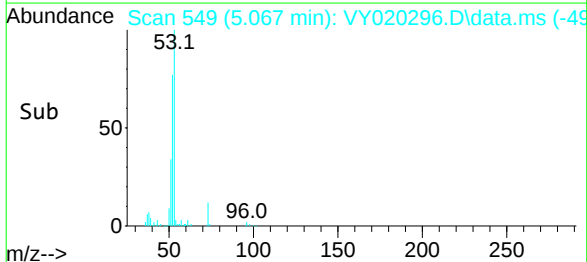
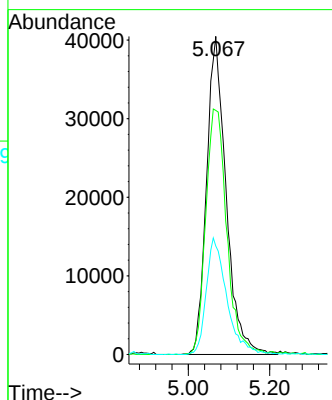
MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	53	Resp:	135133
Ion	Ratio	Lower	Upper
53	100		
52	82.7	64.7	97.1
51	38.5	28.4	42.6



#16

Acetone

Concen: 231.859 ug/l

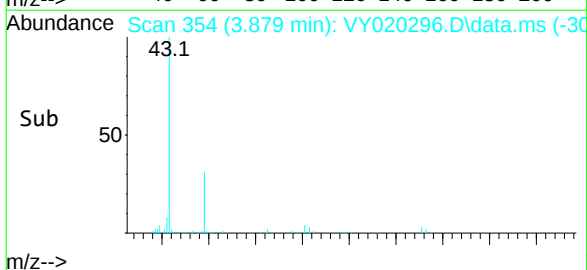
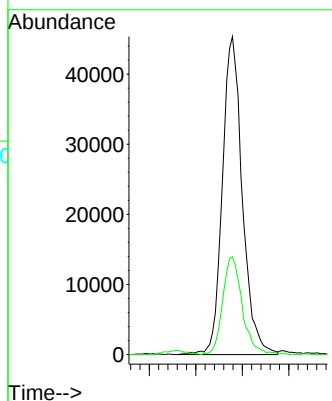
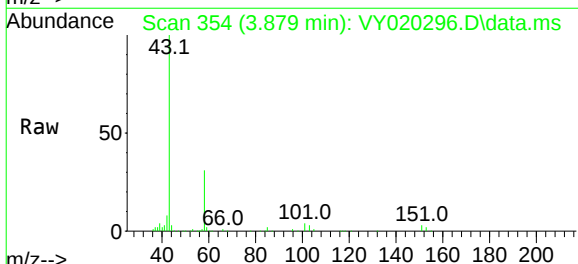
RT: 3.879 min Scan# 354

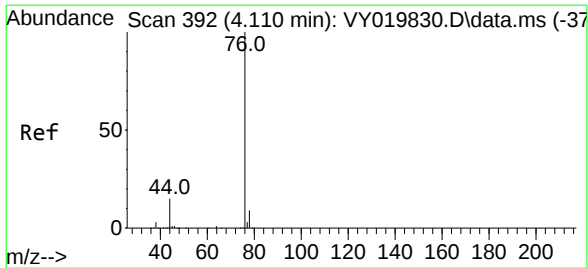
Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Tgt Ion:	43	Resp:	135078
Ion	Ratio	Lower	Upper
43	100		
58	30.5	31.7	47.5#

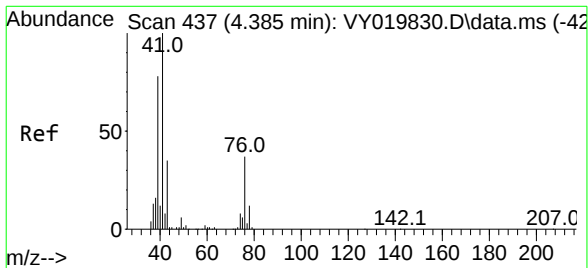
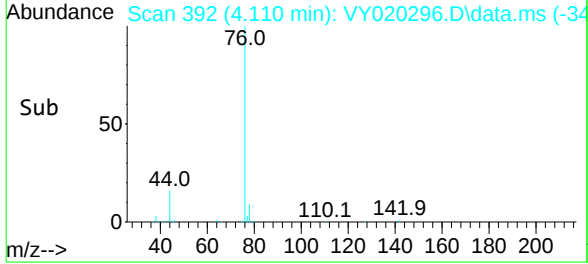
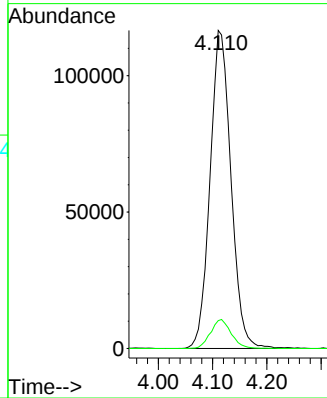
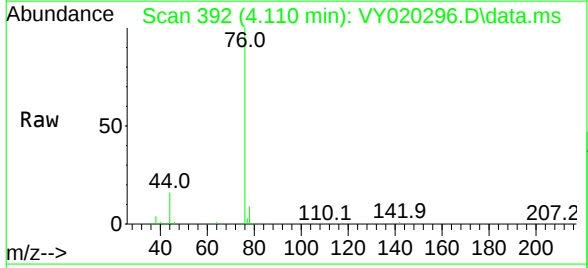




#17
Carbon Disulfide
Concen: 43.324 ug/l
RT: 4.110 min Scan# 39
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

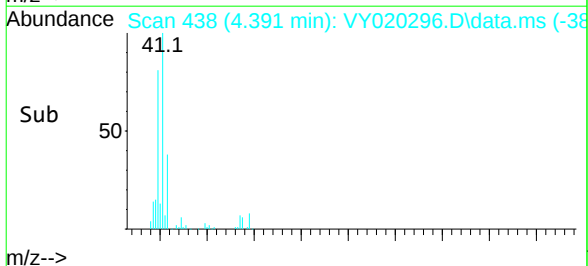
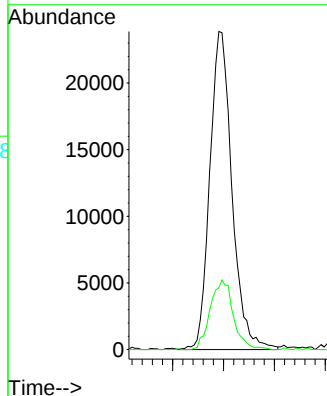
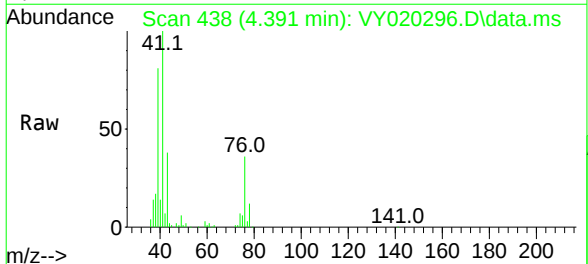
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

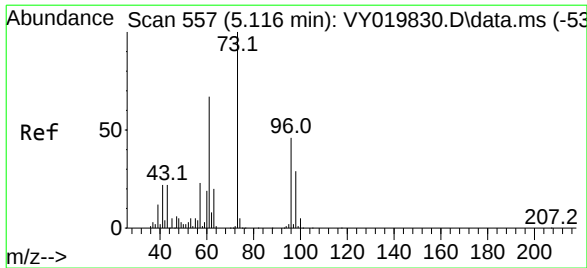
Tgt Ion: 76 Resp: 312293
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 52.837 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 43 Resp: 72223
Ion Ratio Lower Upper
43 100
74 22.7 23.3 34.9#

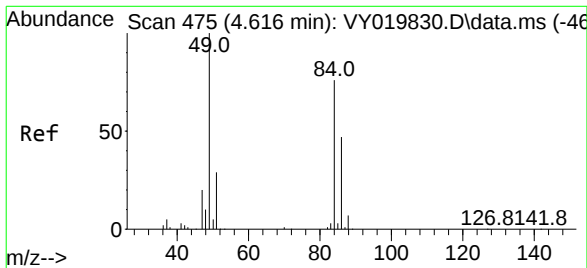
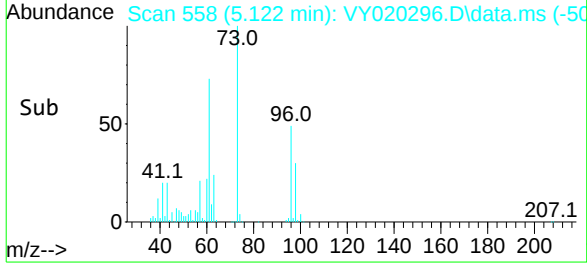
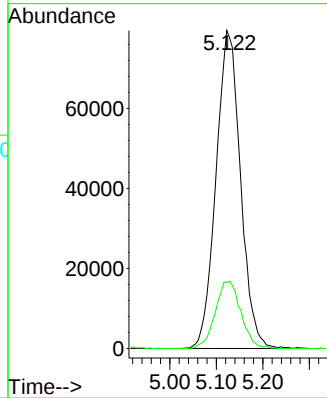
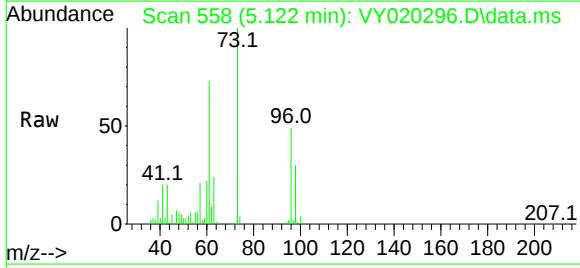




#19
Methyl tert-butyl Ether
Concen: 53.218 ug/l
RT: 5.122 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

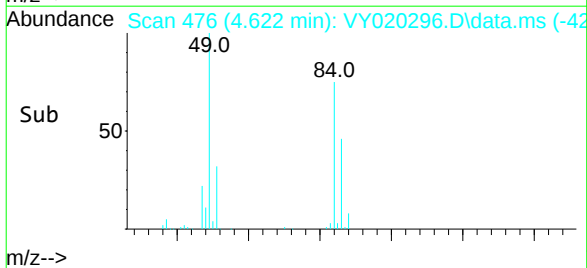
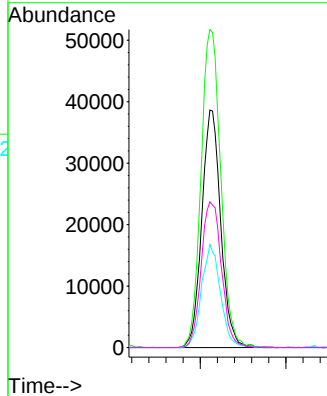
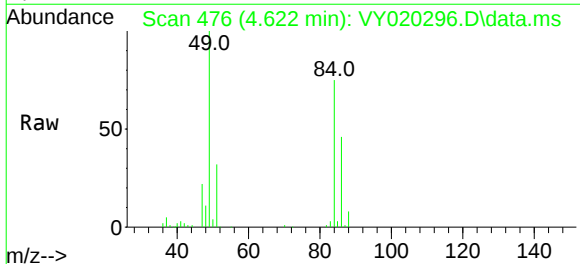
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

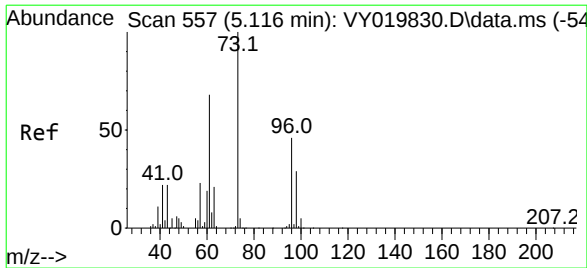
Tgt Ion: 73 Resp: 290005
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 45.475 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 84 Resp: 119013
Ion Ratio Lower Upper
84 100
49 133.9 84.4 126.6#
51 43.4 26.0 39.0#
86 61.4 49.5 74.3

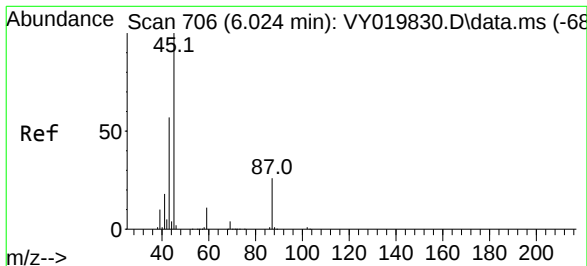
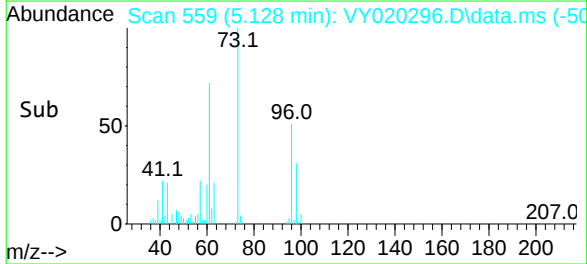
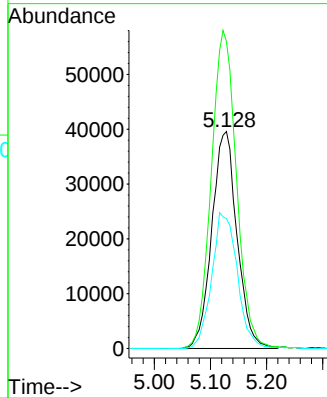
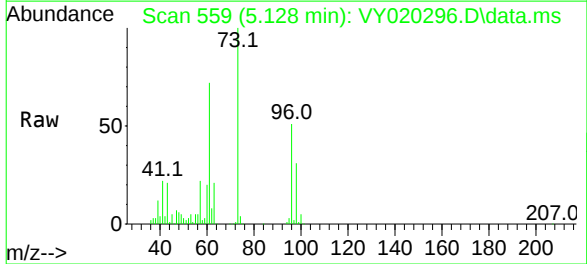




#21
trans-1,2-Dichloroethene
Concen: 50.581 ug/l
RT: 5.128 min Scan# 557
Delta R.T. 0.019 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

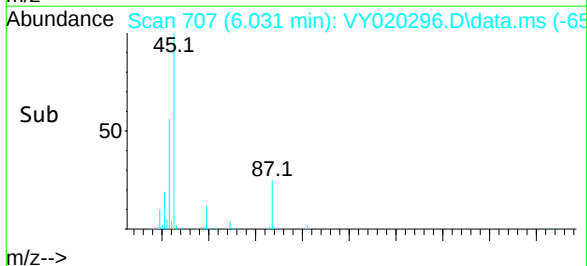
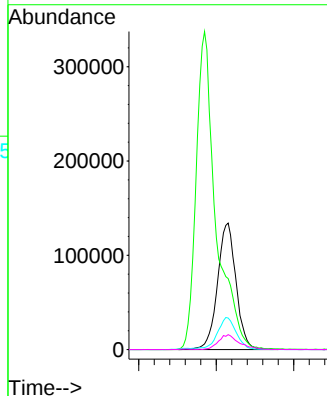
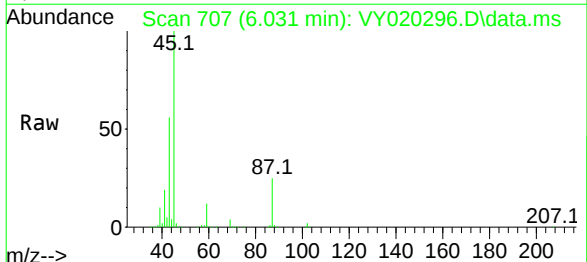
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

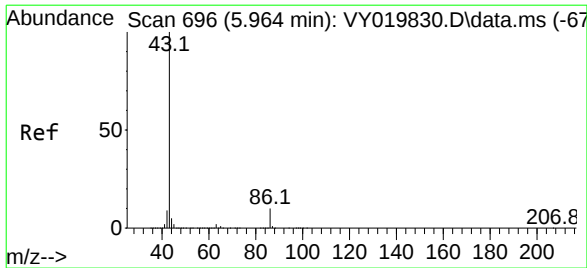
Tgt Ion: 96 Resp: 123560
Ion Ratio Lower Upper
96 100
61 141.5 97.5 146.3
98 59.8 50.5 75.7



#22
Diisopropyl ether
Concen: 54.885 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 45 Resp: 445102
Ion Ratio Lower Upper
45 100
43 55.7 42.2 63.2
87 24.9 25.0 37.6#
59 11.8 10.5 15.7





#23

Vinyl Acetate

Concen: 261.461 ug/l

RT: 5.970 min Scan# 69

Delta R.T. 0.013 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

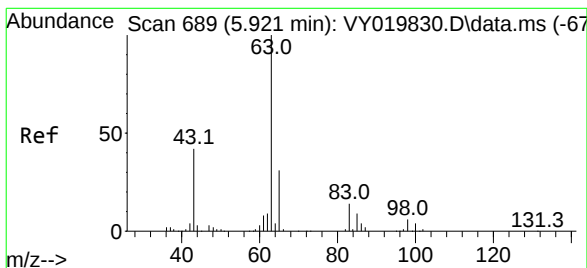
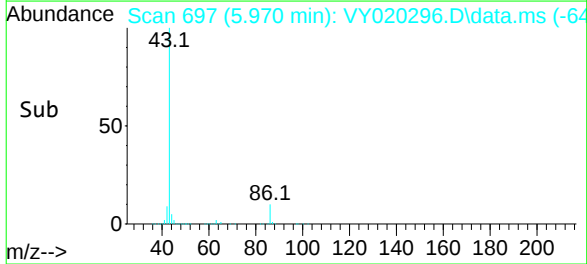
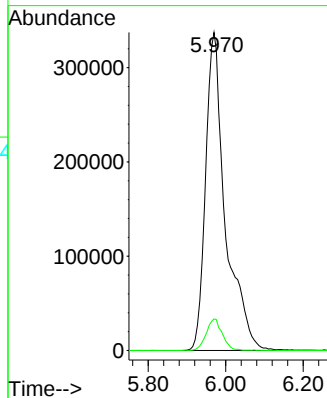
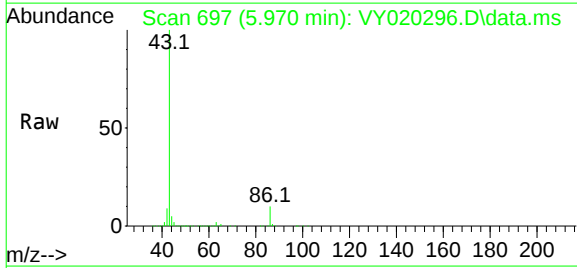
VSTDCCC050EC

Tgt Ion: 43 Resp: 1193293

Ion Ratio Lower Upper

43 100

86 9.9 10.6 16.0#



#24

1,1-Dichloroethane

Concen: 52.731 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.013 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

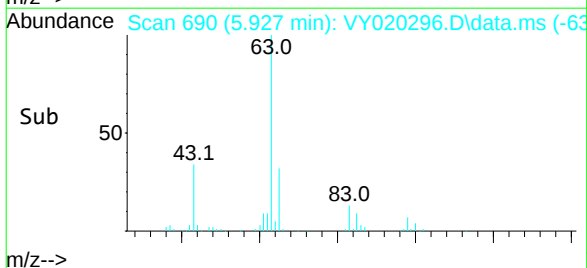
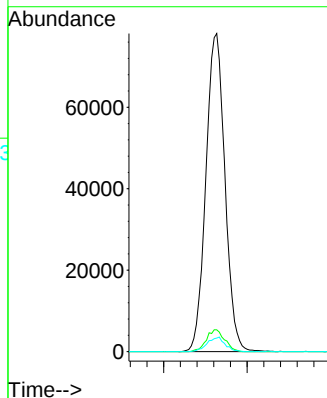
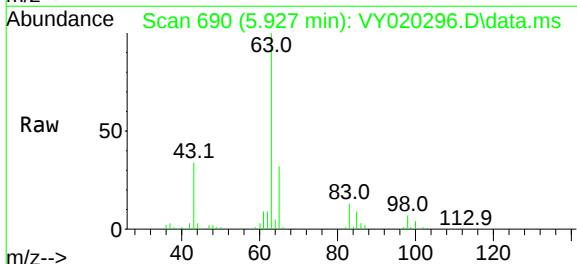
Tgt Ion: 63 Resp: 247618

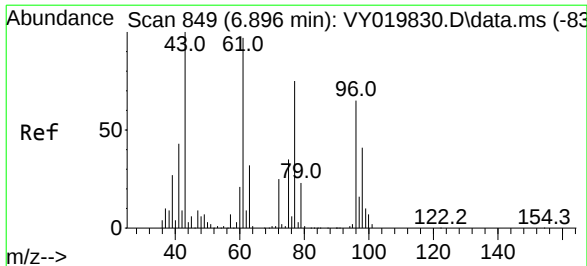
Ion Ratio Lower Upper

63 100

98 6.8 4.0 12.2

100 4.3 2.6 8.0

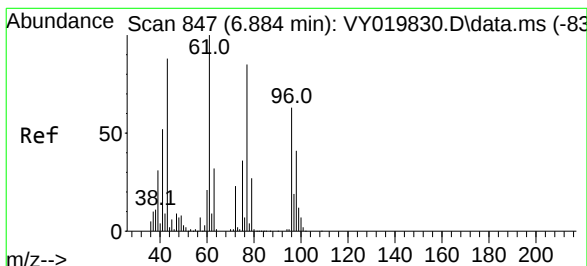
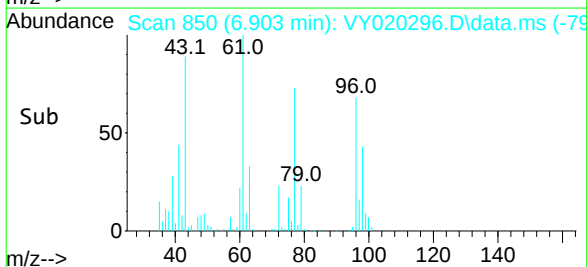
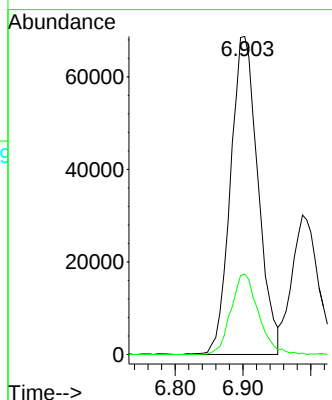
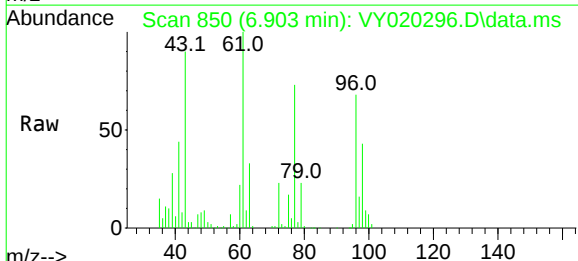




#25
2-Butanone
Concen: 245.128 ug/l
RT: 6.903 min Scan# 85
Delta R.T. 0.013 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

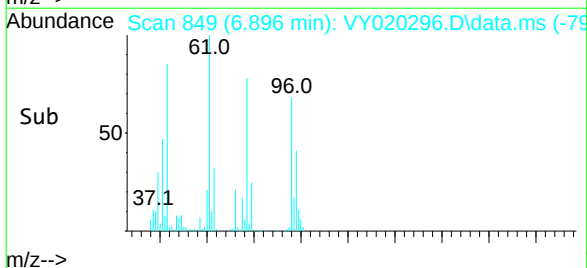
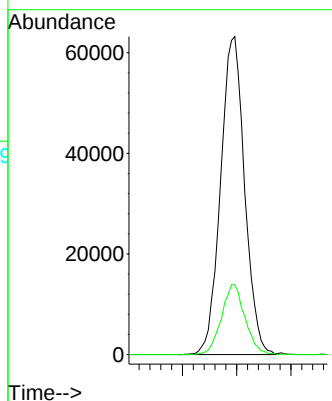
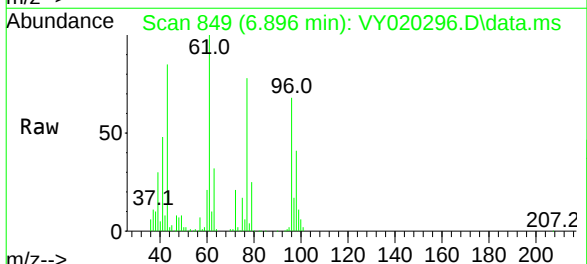
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

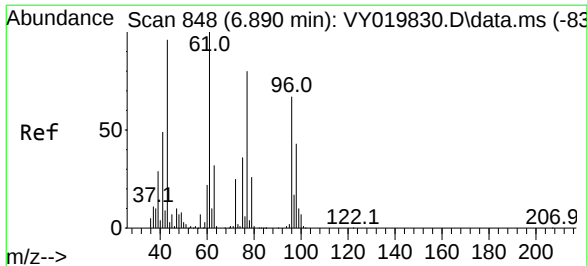
Tgt Ion: 43 Resp: 193582
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 49.767 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 77 Resp: 194446
Ion Ratio Lower Upper
77 100
97 21.5 12.0 36.1

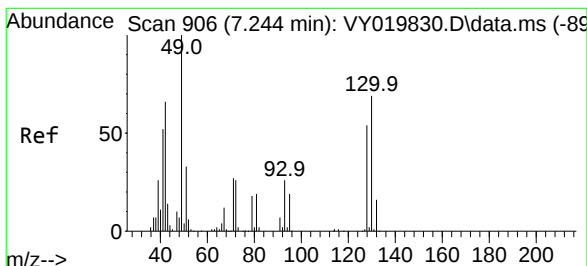
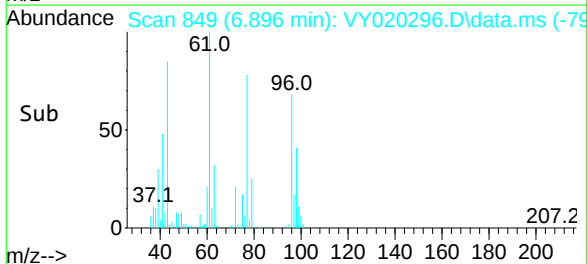
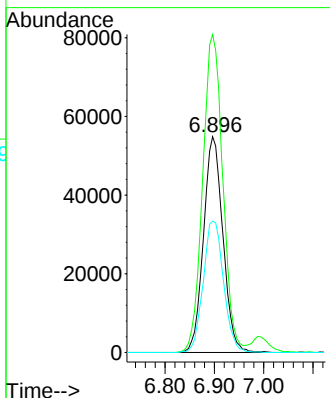
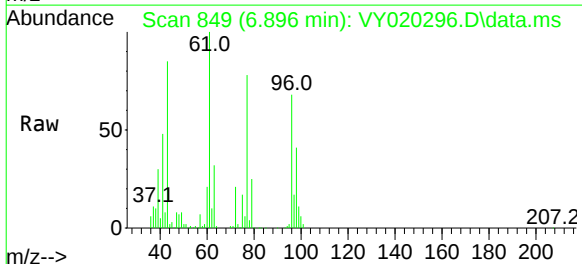




#27
 cis-1,2-Dichloroethene
 Concen: 53.394 ug/l
 RT: 6.896 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

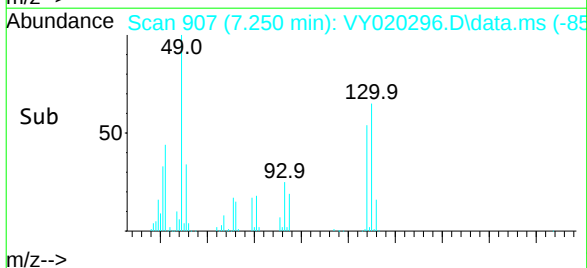
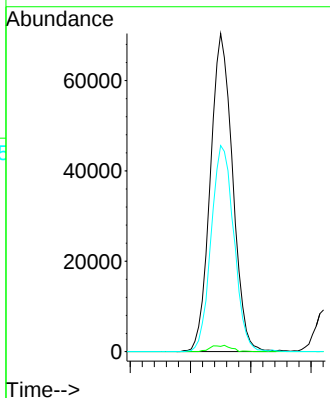
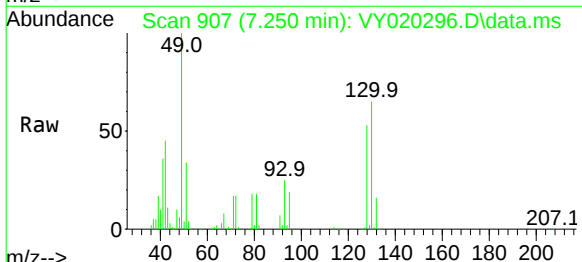
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

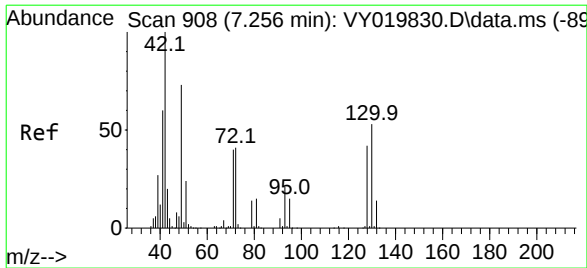
Tgt Ion: 96 Resp: 149937
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 256.2
 98 63.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 82.426 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

Tgt Ion: 49 Resp: 181241
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 66.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 328.233 ug/l

RT: 7.268 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

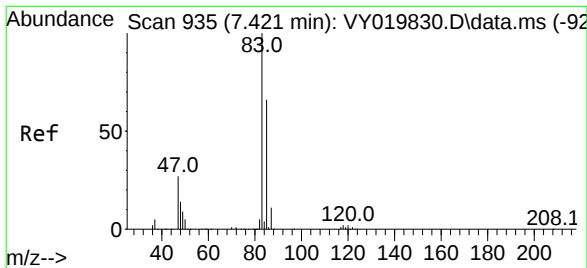
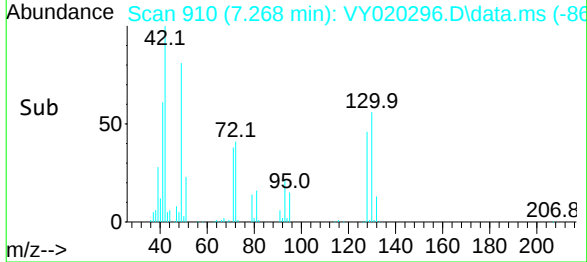
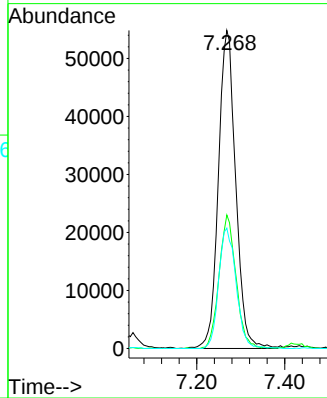
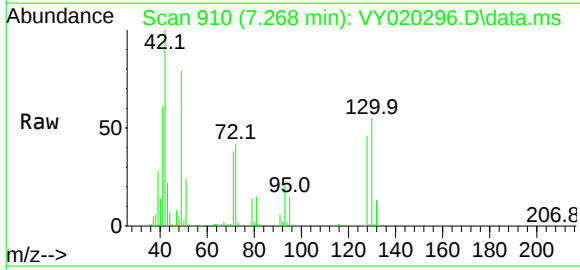
Tgt Ion: 42 Resp: 149592

Ion Ratio Lower Upper

42 100

72 41.0 43.0 64.4#

71 38.1 40.8 61.2#



#30

Chloroform

Concen: 62.355 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020296.D

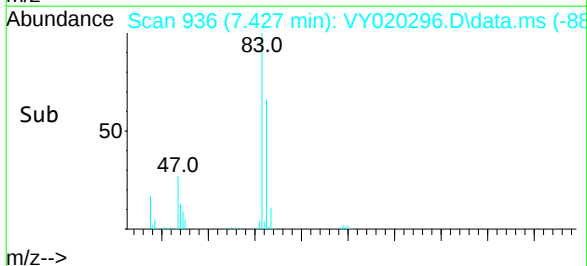
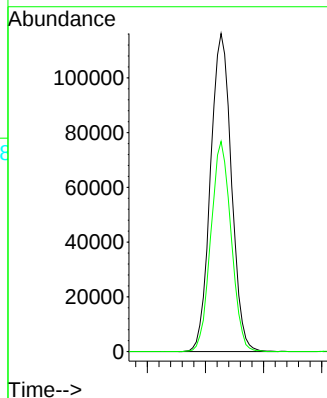
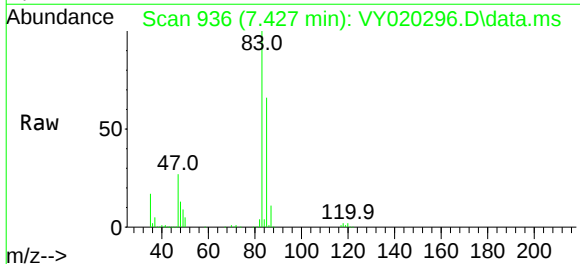
Acq: 13 Nov 2024 20:18

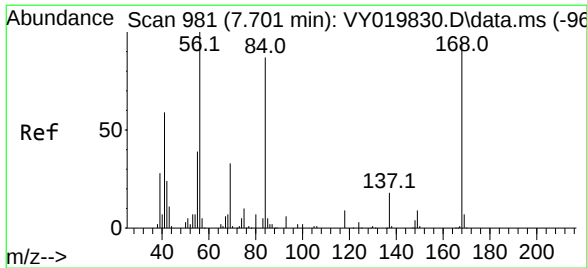
Tgt Ion: 83 Resp: 290566

Ion Ratio Lower Upper

83 100

85 66.1 52.2 78.4





#31

Cyclohexane

Concen: 45.226 ug/l

RT: 7.707 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

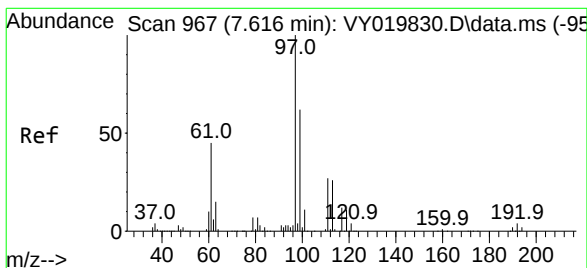
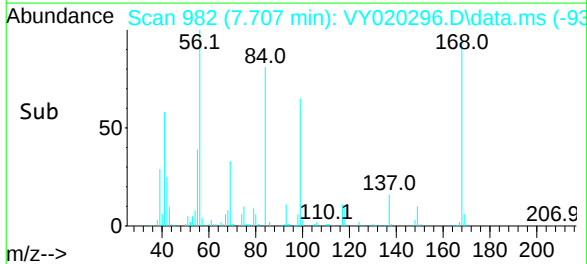
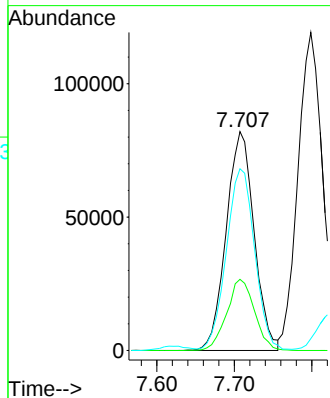
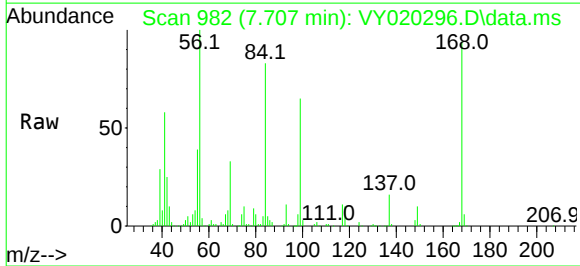
Tgt Ion: 56 Resp: 205606

Ion Ratio Lower Upper

56 100

69 32.5 28.7 43.1

84 81.1 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 52.729 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

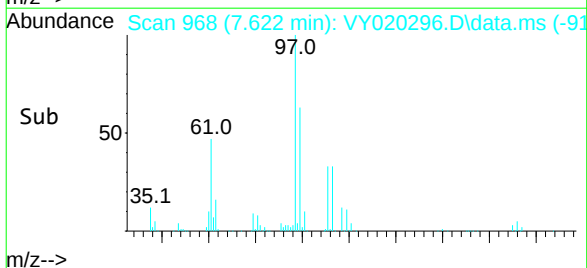
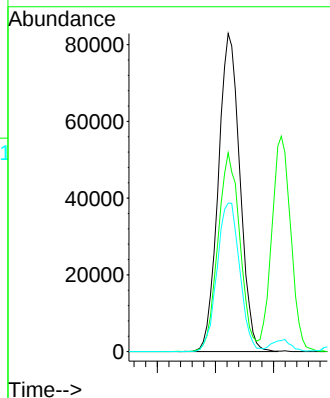
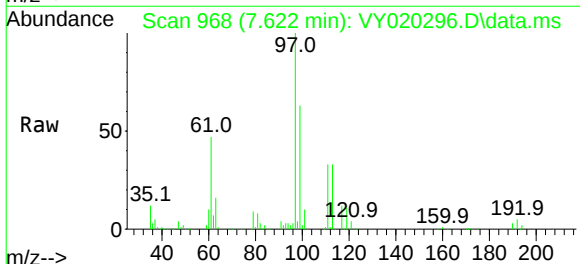
Tgt Ion: 97 Resp: 214522

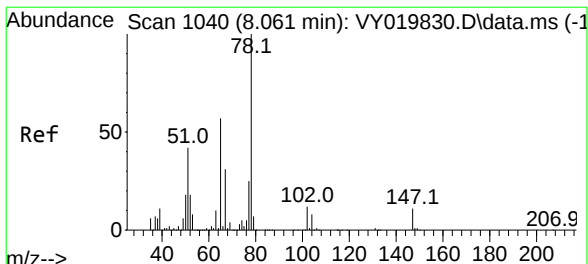
Ion Ratio Lower Upper

97 100

99 63.3 50.3 75.5

61 49.0 32.6 48.8#

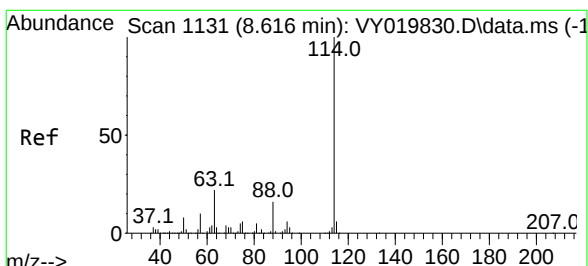
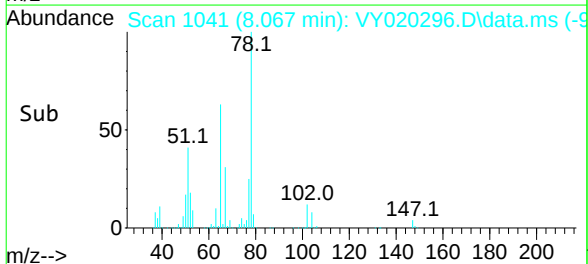
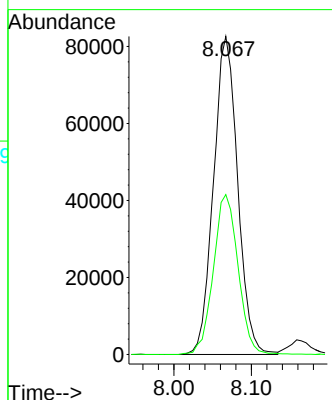
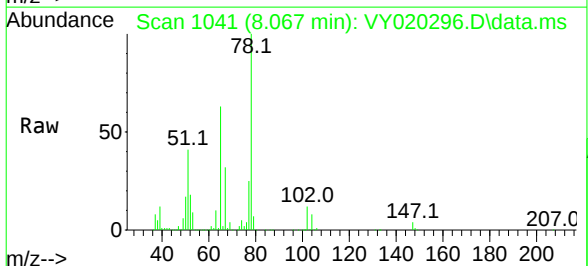




#33
 1,2-Dichloroethane-d4
 Concen: 71.366 ug/l
 RT: 8.067 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

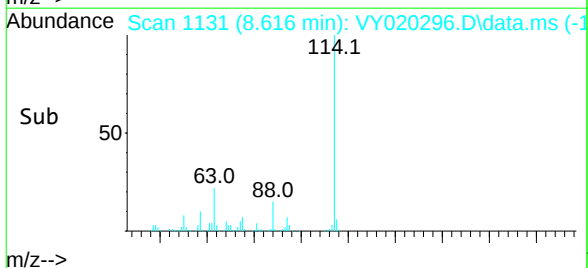
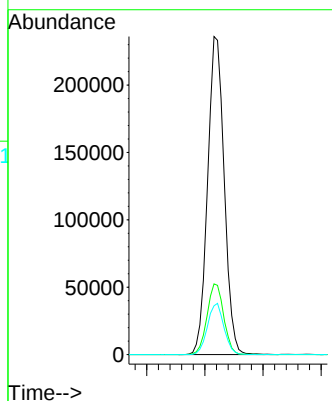
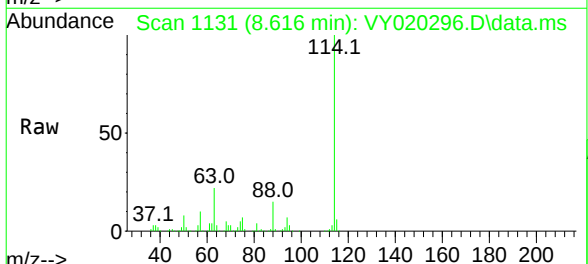
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

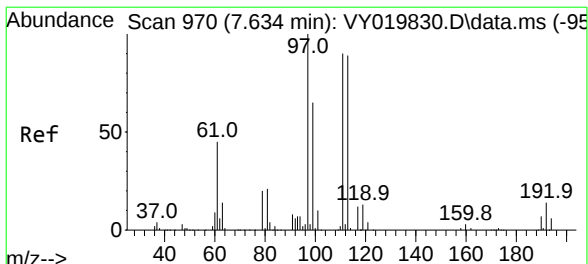
Tgt Ion: 65 Resp: 178784
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

Tgt Ion: 114 Resp: 468785
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.0
 88 15.3 0.0 27.2

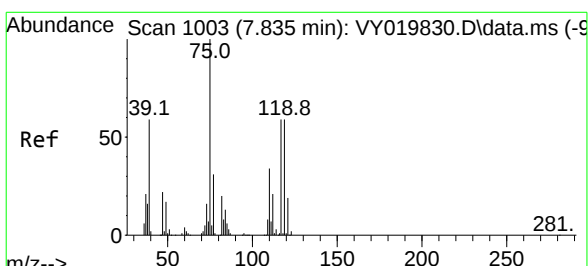
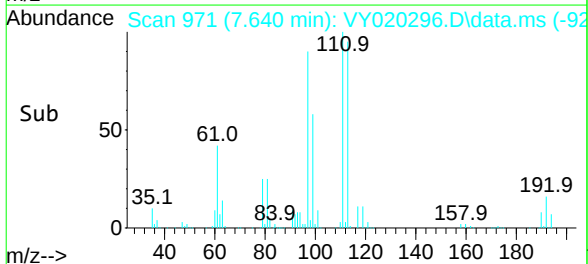
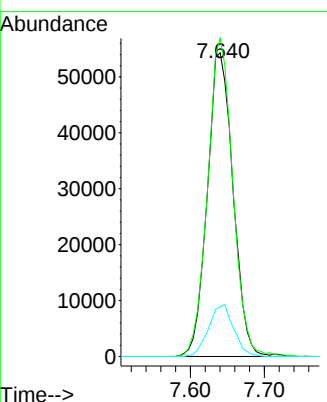
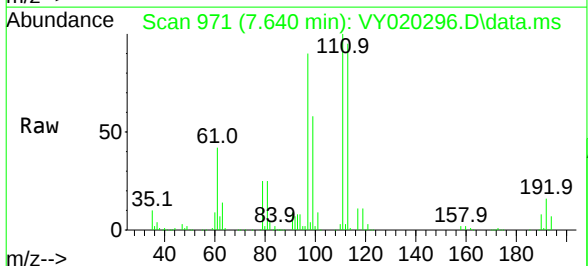




#35
 Dibromofluoromethane
 Concen: 44.015 ug/l
 RT: 7.640 min Scan# 97
 Delta R.T. 0.006 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

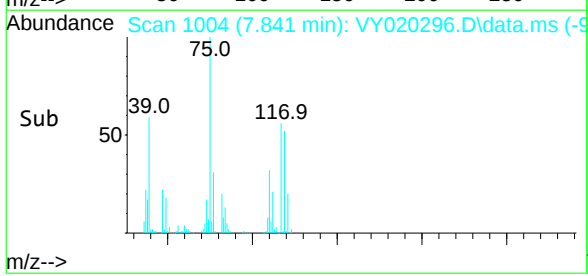
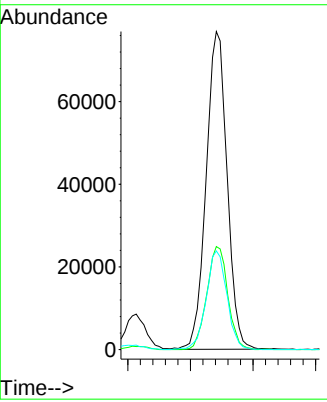
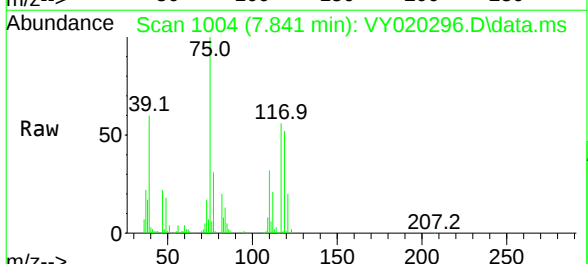
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

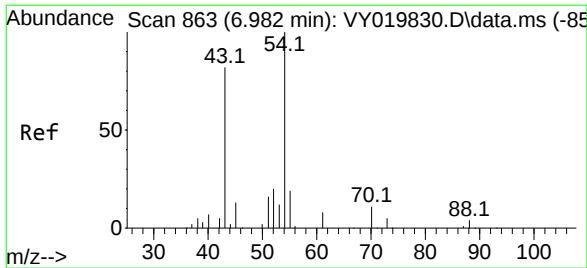
Tgt Ion:	113	Resp:	131187
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	16.7	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 38.784 ug/l
 RT: 7.841 min Scan# 1004
 Delta R.T. 0.006 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

Tgt Ion:	75	Resp:	178569
Ion	Ratio	Lower	Upper
75	100		
110	32.4	19.0	57.0
77	30.7	25.3	37.9





#37

Ethyl Acetate

Concen: 38.384 ug/l

RT: 6.988 min Scan# 86

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

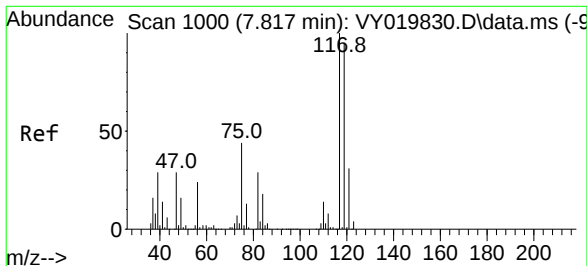
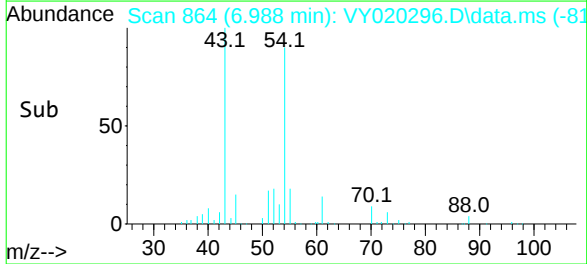
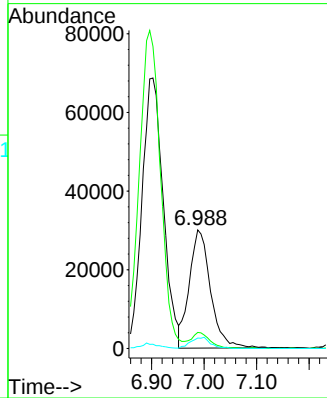
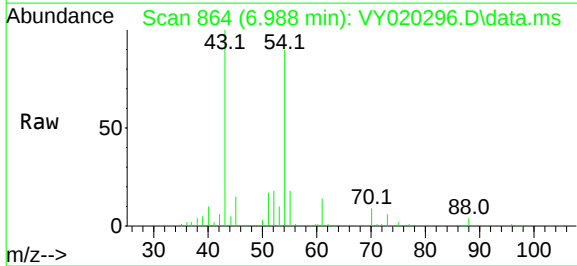
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43	Resp: 84257
Ion Ratio	Lower Upper
43 100	
61 12.0	12.6 19.0#
70 8.8	7.8 11.8



#38

Carbon Tetrachloride

Concen: 39.383 ug/l

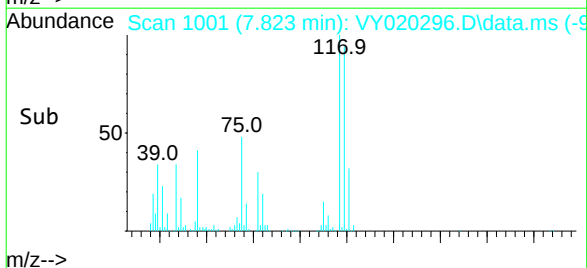
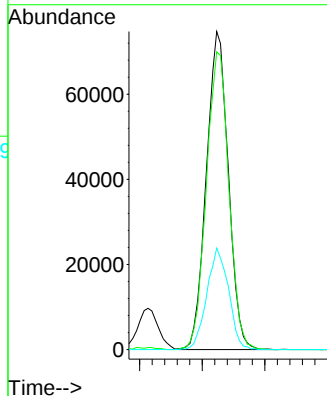
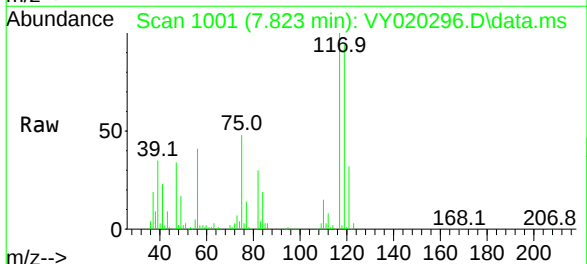
RT: 7.823 min Scan# 1001

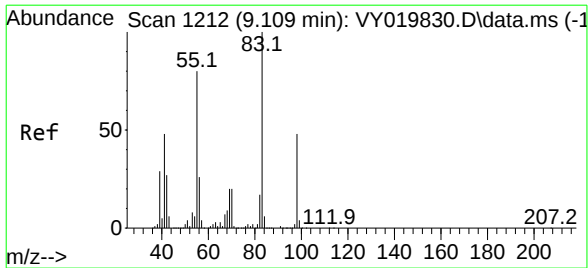
Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Tgt Ion: 117	Resp: 182339
Ion Ratio	Lower Upper
117 100	
119 93.7	75.8 113.6
121 31.9	24.0 36.0

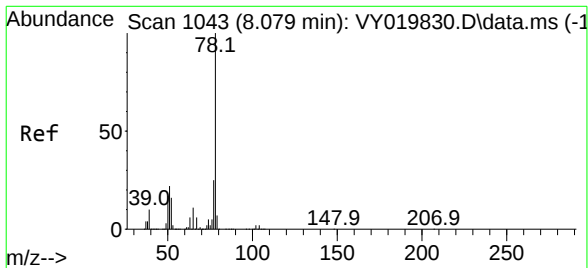
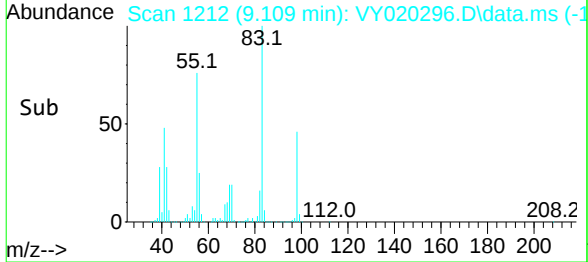
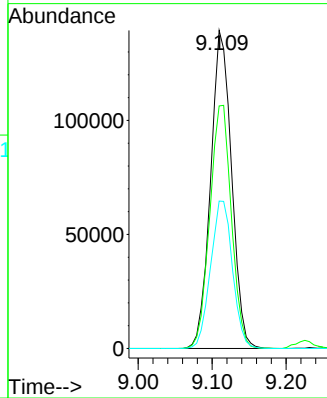
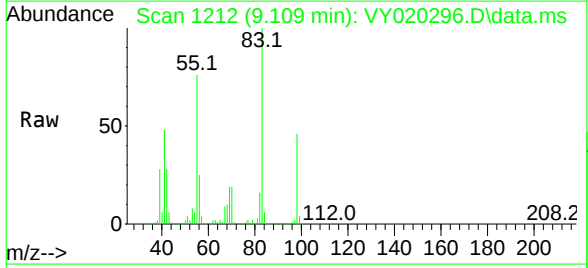




#39
Methylcyclohexane
Concen: 46.919 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

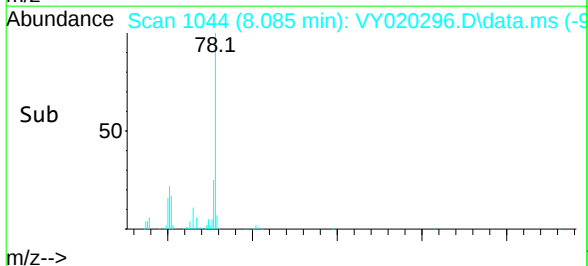
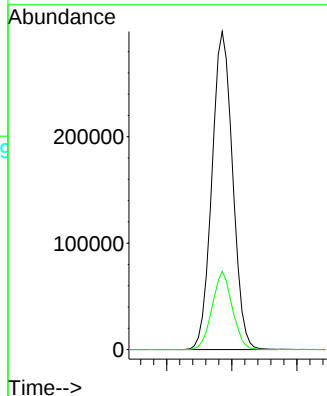
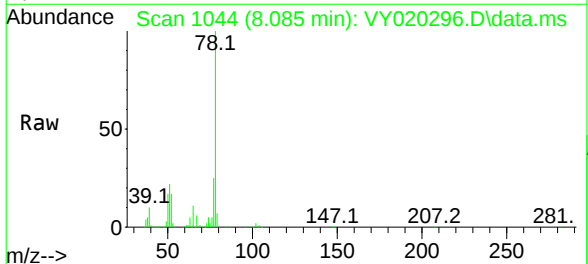
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

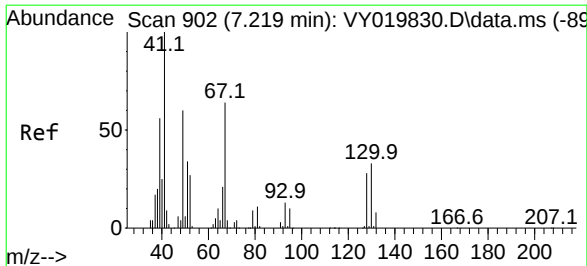
Tgt Ion: 83 Resp: 274176
Ion Ratio Lower Upper
83 100
55 76.3 51.5 77.3
98 46.4 40.5 60.7



#40
Benzene
Concen: 49.110 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

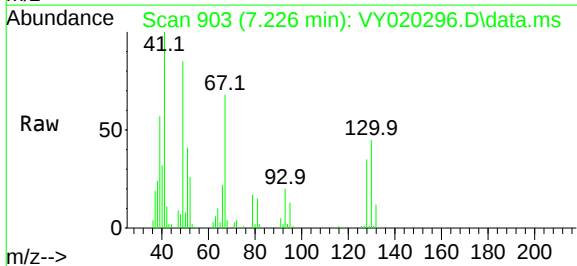
Tgt Ion: 78 Resp: 659988
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3



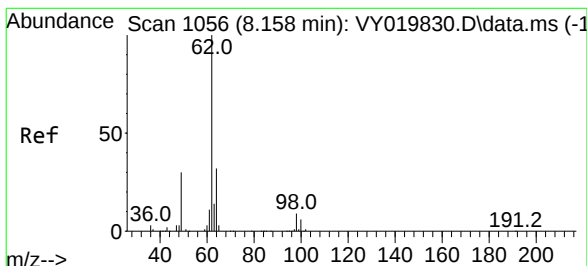
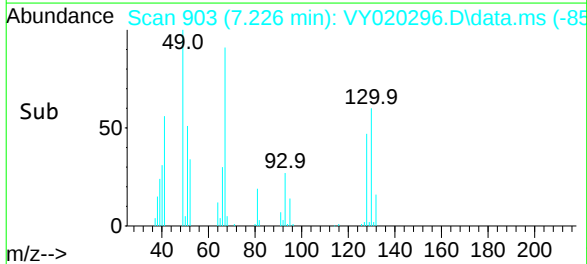
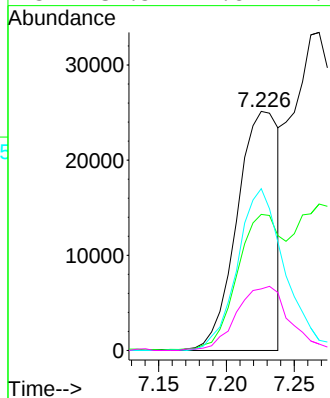


#41
Methacrylonitrile
Concen: 48.628 ug/l
RT: 7.226 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

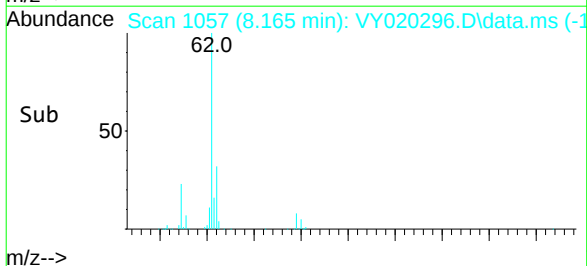
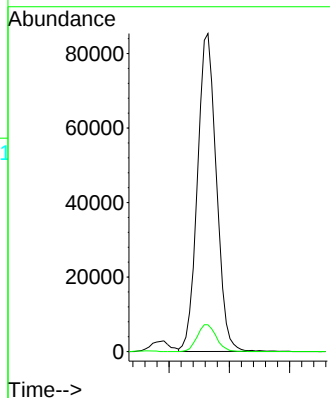
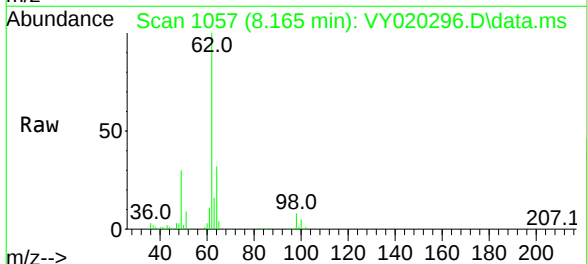


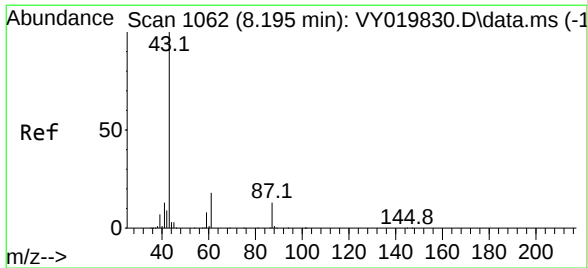
Tgt Ion: 41 Resp: 53472
Ion Ratio Lower Upper
41 100
39 63.2 48.0 72.0
67 78.1 75.1 112.7
52 34.5 29.8 44.6



#42
1,2-Dichloroethane
Concen: 50.002 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 62 Resp: 186001
Ion Ratio Lower Upper
62 100
98 8.6 0.0 22.0

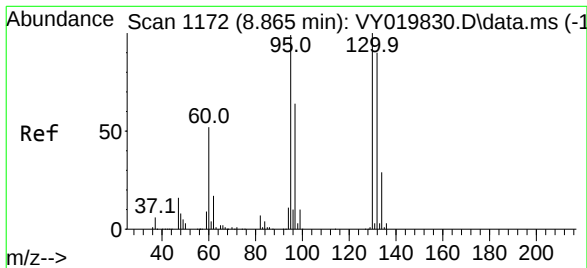
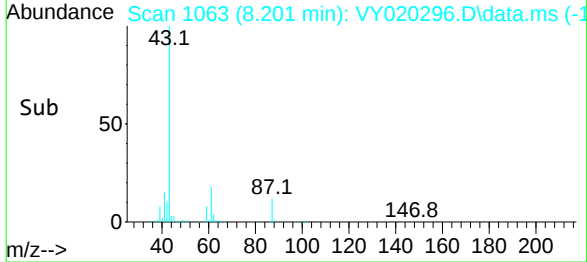
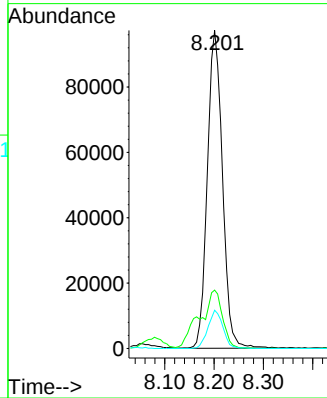
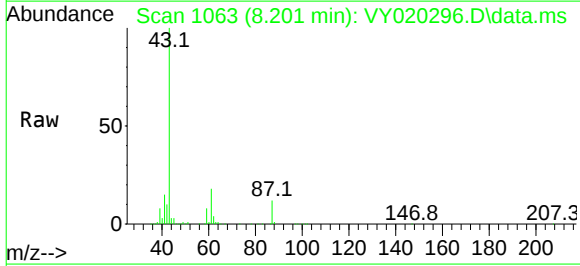




#43
Isopropyl Acetate
Concen: 48.992 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

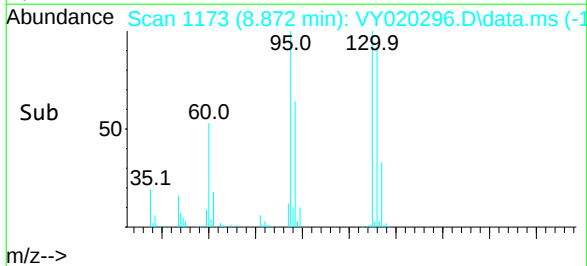
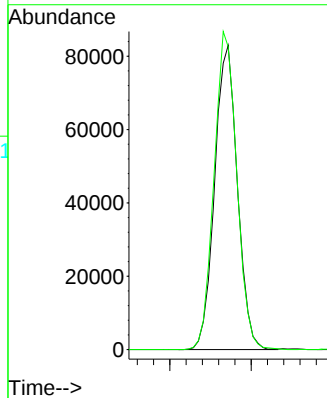
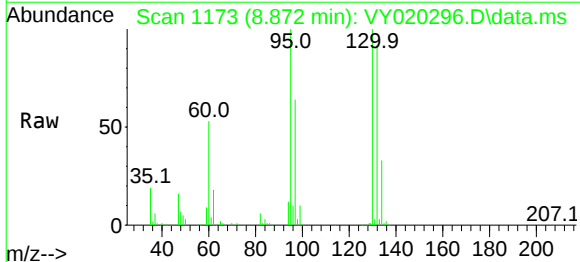
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

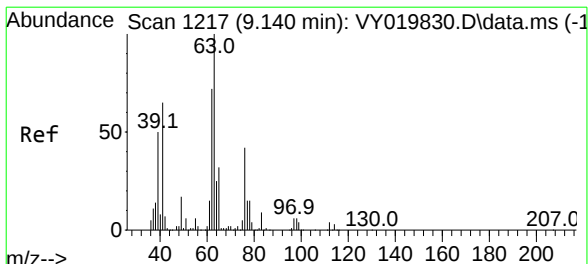
Tgt Ion: 43 Resp: 206806
Ion Ratio Lower Upper
43 100
61 16.8 27.9 41.9#
87 12.0 13.1 19.7#



#44
Trichloroethene
Concen: 51.670 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion:130 Resp: 160938
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.0



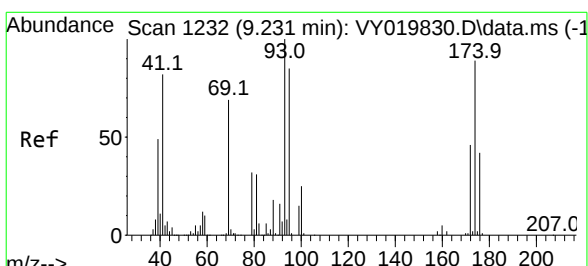
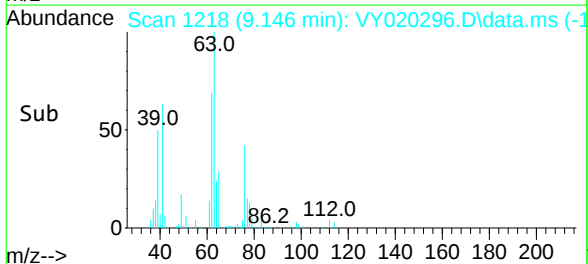
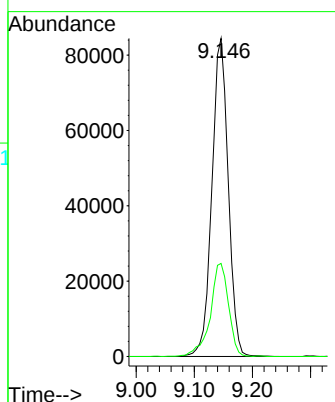
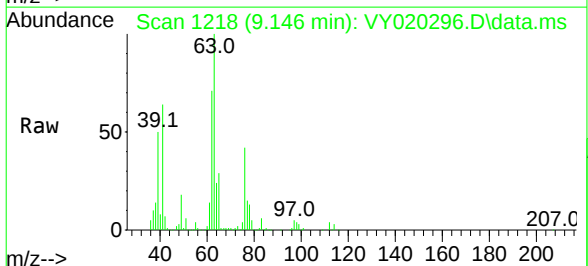


#45
 1,2-Dichloropropane
 Concen: 51.289 ug/l
 RT: 9.146 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 164909

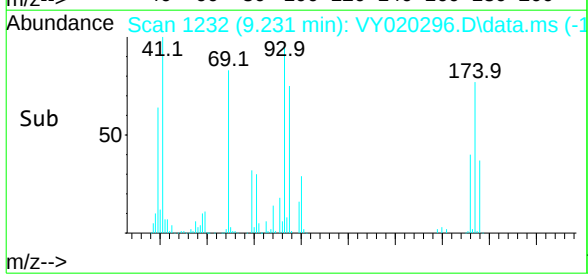
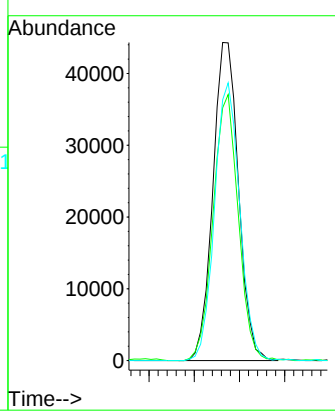
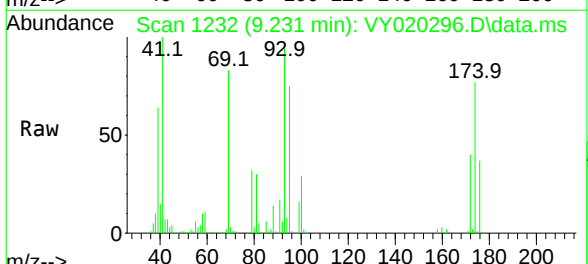
Ion	Ratio	Lower	Upper
63	100		
65	29.3	25.4	38.2

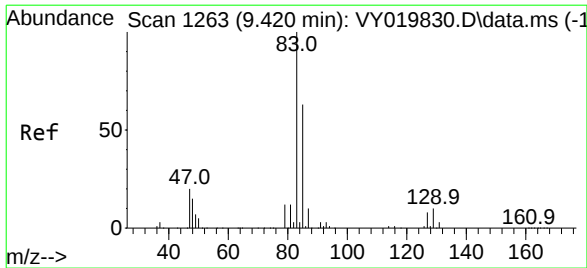


#46
 Dibromomethane
 Concen: 50.069 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: VY020296.D
 Acq: 13 Nov 2024 20:18

Tgt Ion: 93 Resp: 87229

Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.2	99.4
174	85.9	80.9	121.3

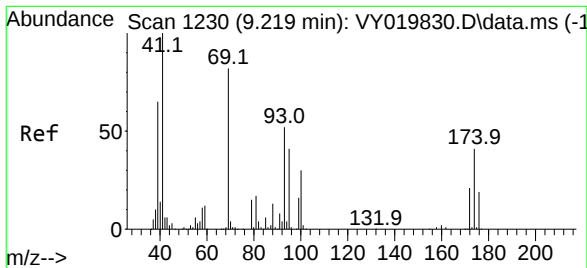
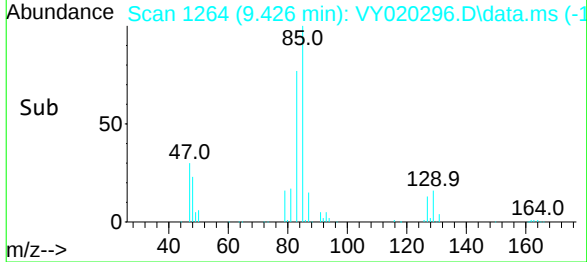
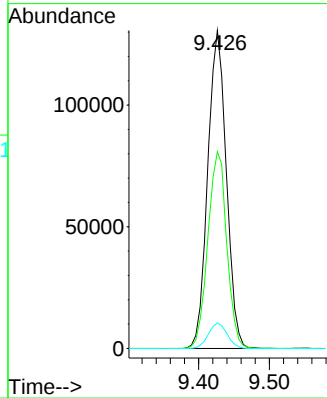
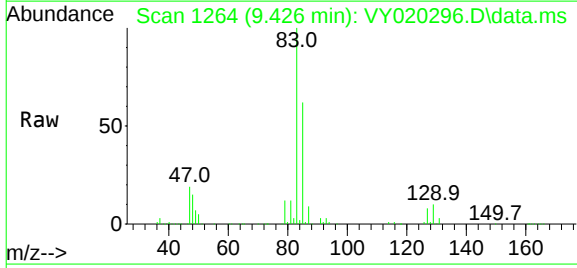




#47
Bromodichloromethane
Concen: 52.237 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

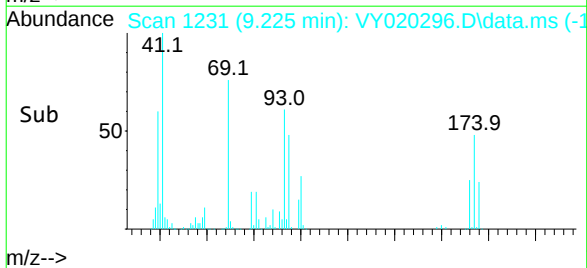
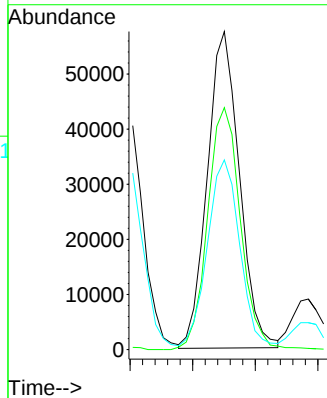
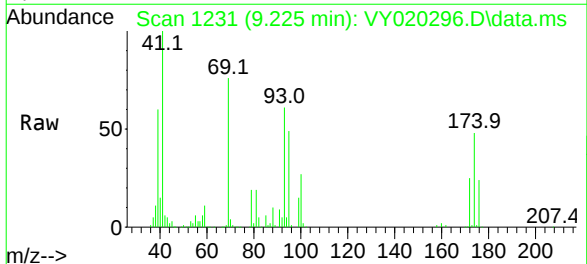
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

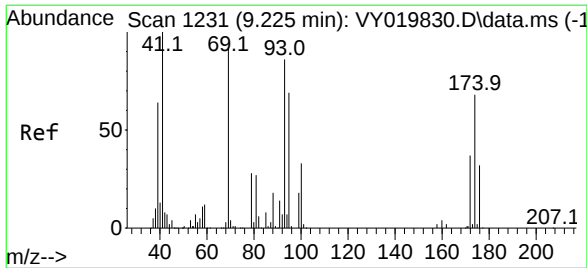
Tgt Ion: 83	Resp: 238412
Ion Ratio	Lower Upper
83 100	
85 61.9	50.1 75.1
127 8.0	7.4 11.0



#48
Methyl methacrylate
Concen: 52.464 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 41	Resp: 102579
Ion Ratio	Lower Upper
41 100	
69 77.9	84.1 126.1#
39 58.5	43.6 65.4

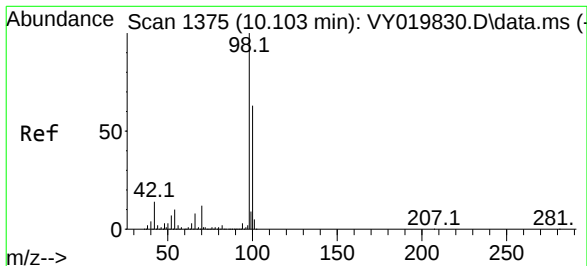
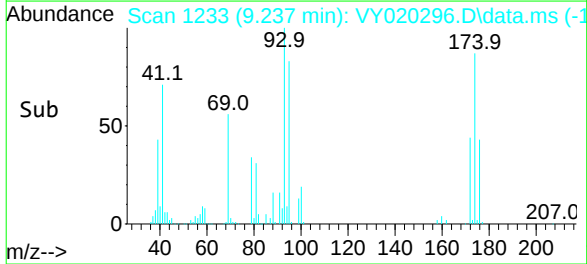
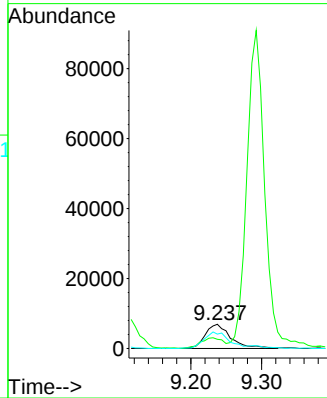
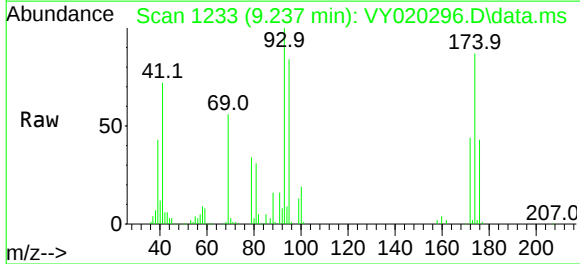




#49
1,4-Dioxane
Concen: 970.468 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

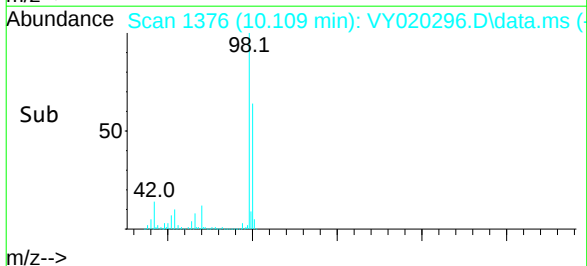
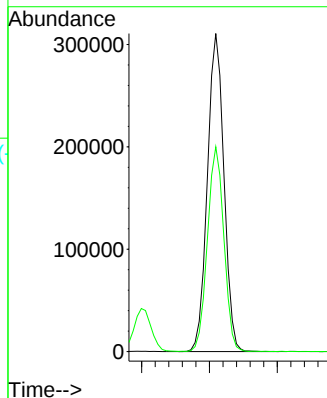
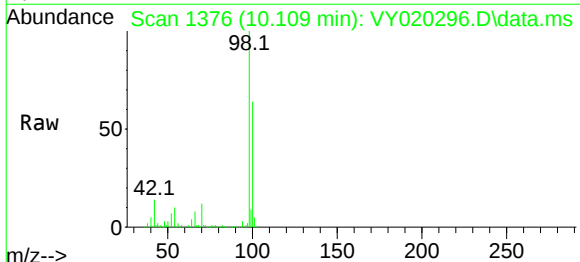
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

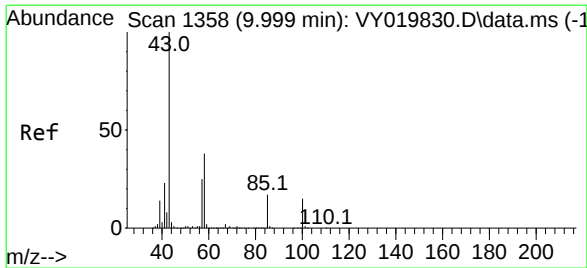
Tgt Ion: 88 Resp: 17407
Ion Ratio Lower Upper
88 100
43 36.7 0.0 0.0#
58 66.0 49.3 73.9



#50
Toluene-d8
Concen: 44.346 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 98 Resp: 526113
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

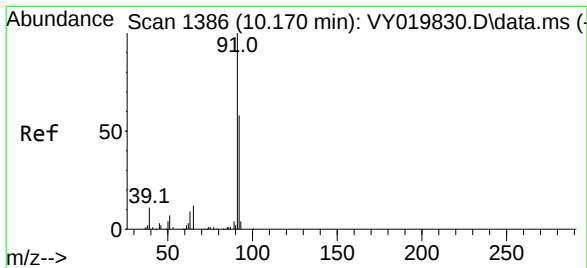
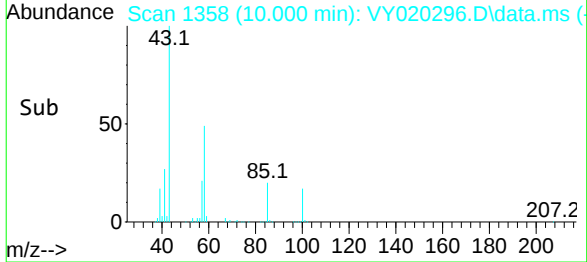
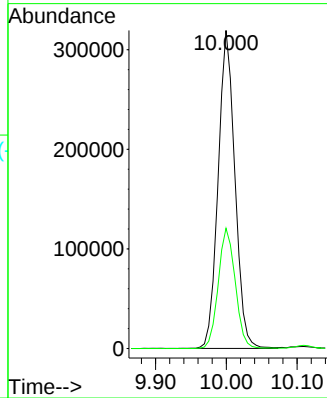
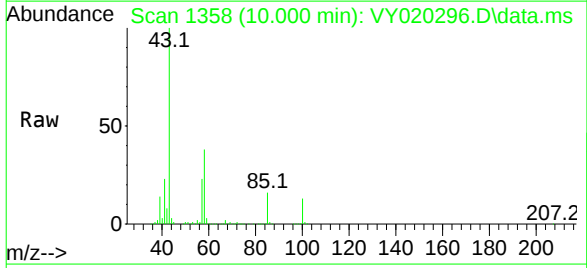




#51
4-Methyl-2-Pentanone
Concen: 240.905 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

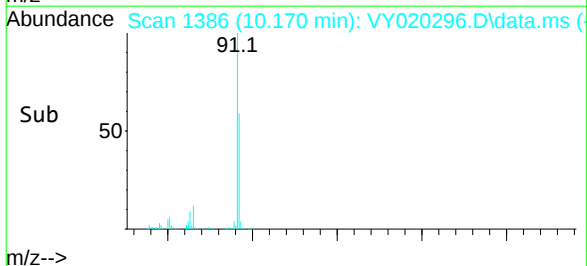
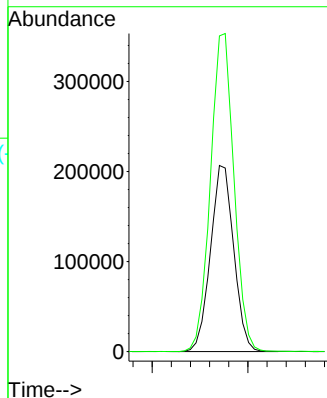
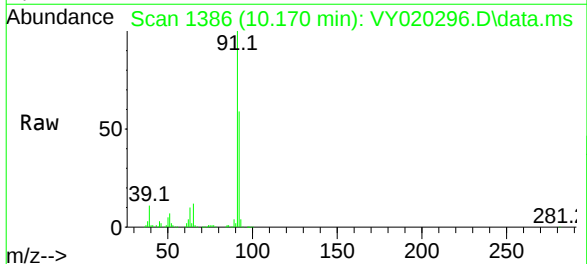
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

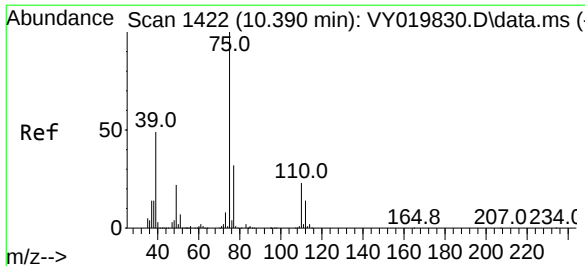
Tgt Ion: 43 Resp: 523977
Ion Ratio Lower Upper
43 100
58 38.3 35.7 53.5



#52
Toluene
Concen: 42.170 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 92 Resp: 349343
Ion Ratio Lower Upper
92 100
91 172.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 42.270 ug/l

RT: 10.396 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

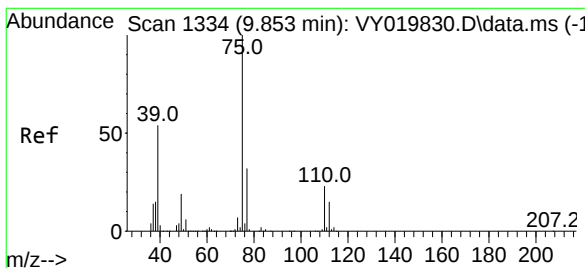
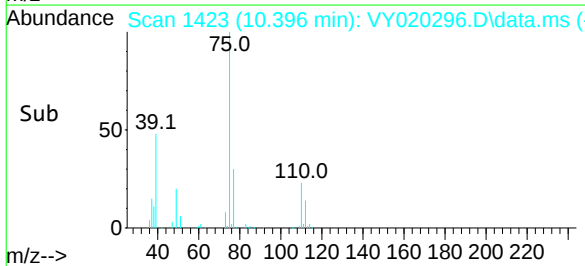
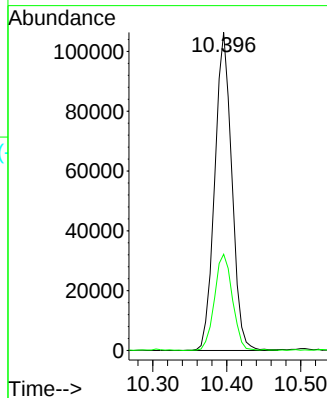
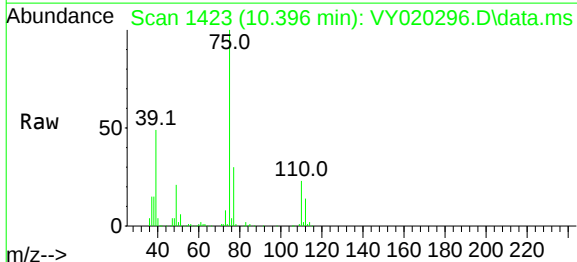
VSTDCCC050EC

Tgt Ion: 75 Resp: 170361

Ion Ratio Lower Upper

75 100

77 30.2 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 49.427 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

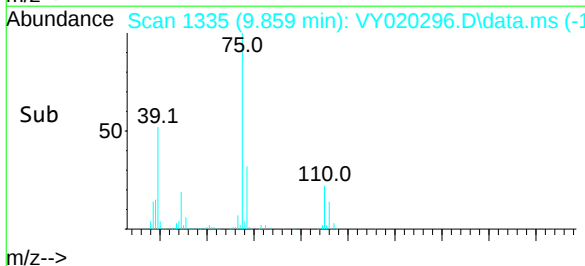
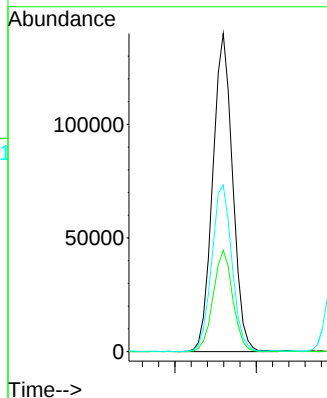
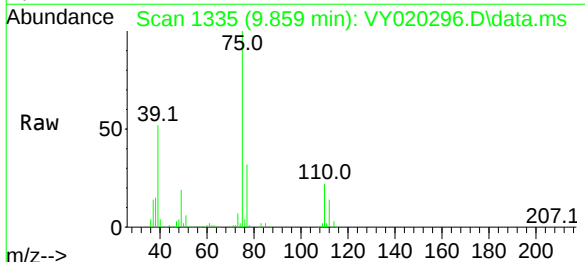
Tgt Ion: 75 Resp: 237771

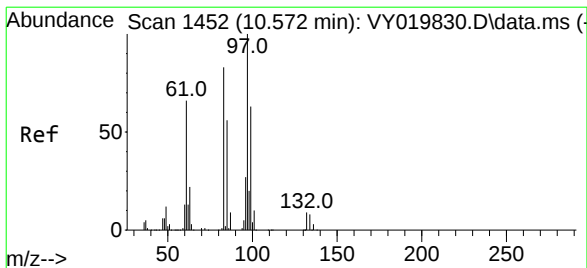
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 52.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 43.198 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 93573

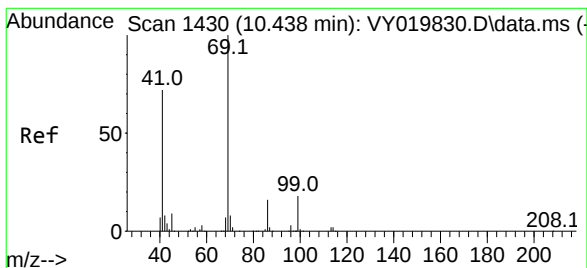
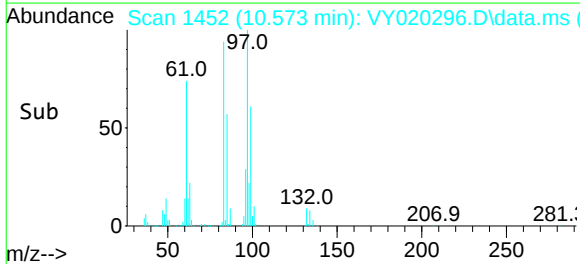
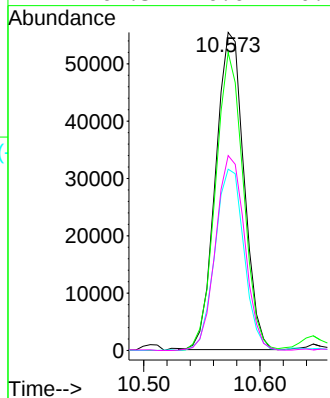
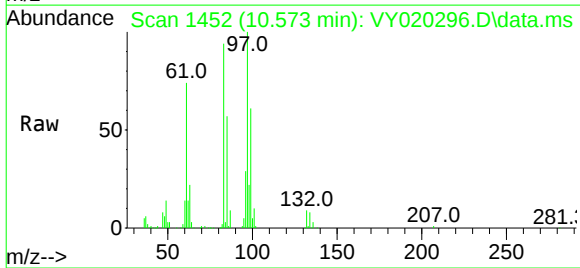
Ion Ratio Lower Upper

97 100

83 94.0 67.5 101.3

85 57.2 42.9 64.3

99 61.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 42.649 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

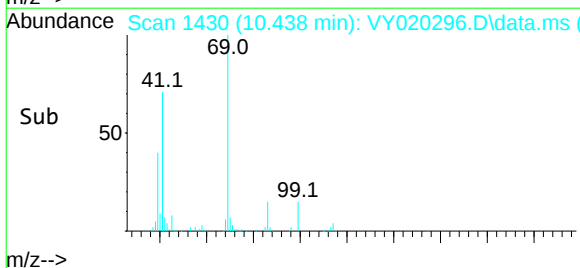
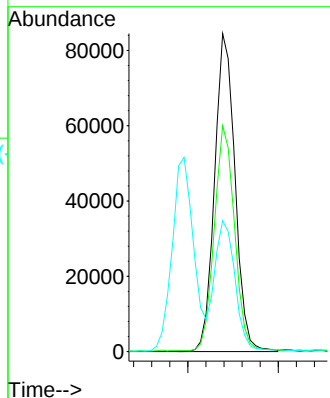
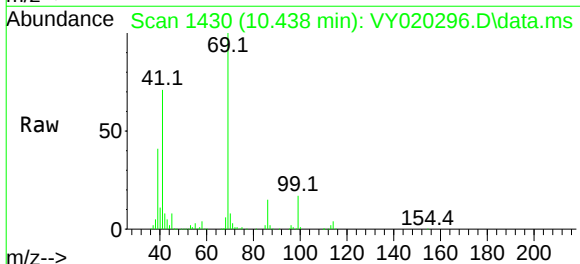
Tgt Ion: 69 Resp: 132521

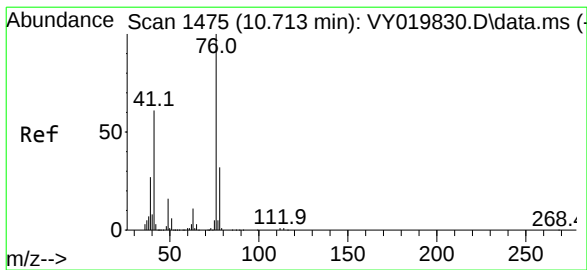
Ion Ratio Lower Upper

69 100

41 70.1 42.3 63.5#

39 40.3 22.9 34.3#

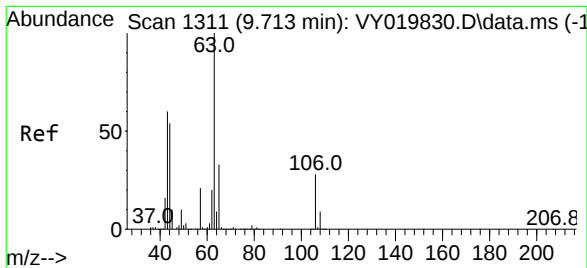
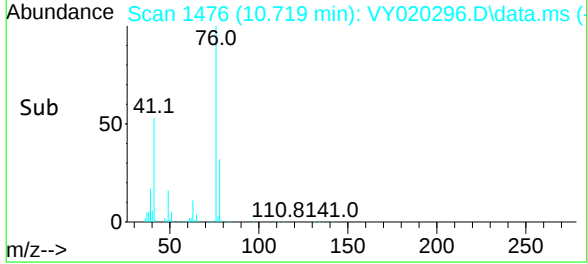
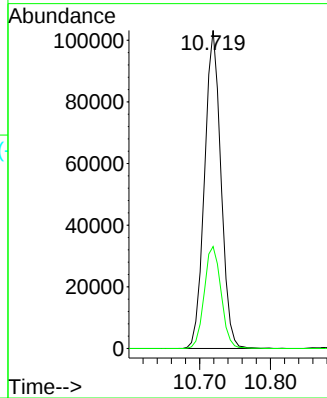
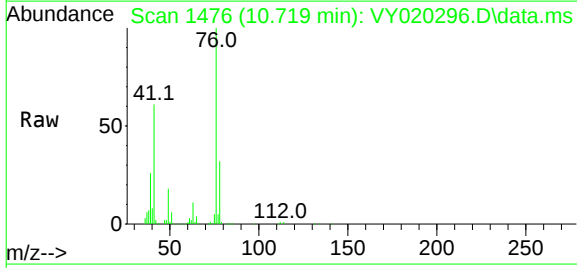




#57
1,3-Dichloropropane
Concen: 41.859 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

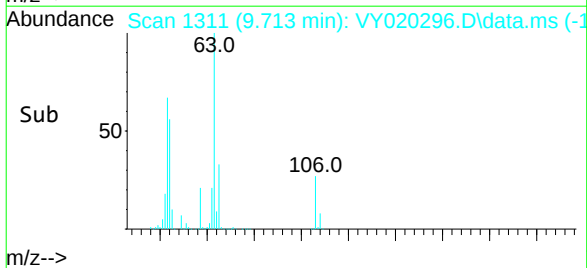
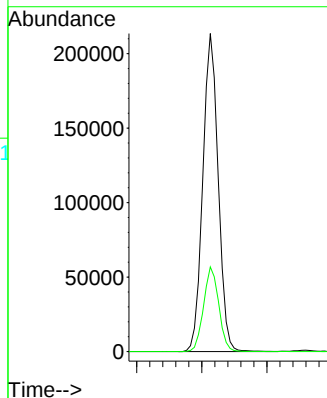
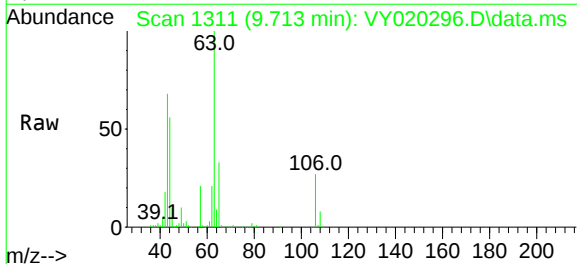
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

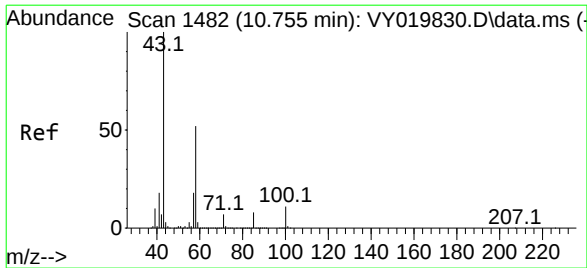
Tgt Ion: 76 Resp: 166050
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 228.951 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 63 Resp: 350844
Ion Ratio Lower Upper
63 100
106 26.2 23.7 35.5





#59

2-Hexanone

Concen: 204.327 ug/l

RT: 10.762 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

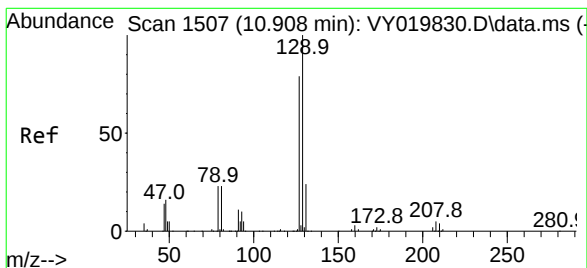
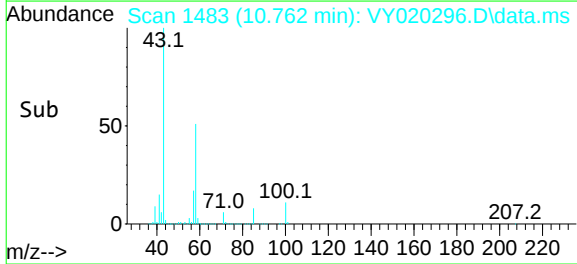
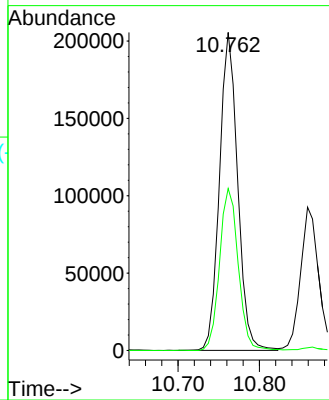
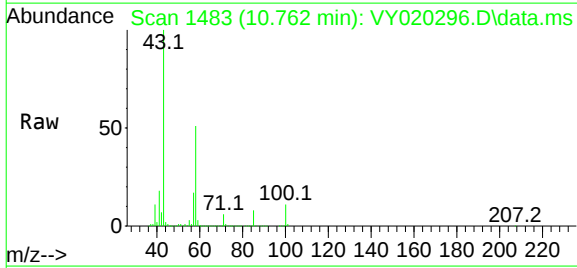
VSTDCCC050EC

Tgt Ion: 43 Resp: 318615

Ion Ratio Lower Upper

43 100

58 52.4 31.4 94.0



#60

Dibromochloromethane

Concen: 45.178 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY020296.D

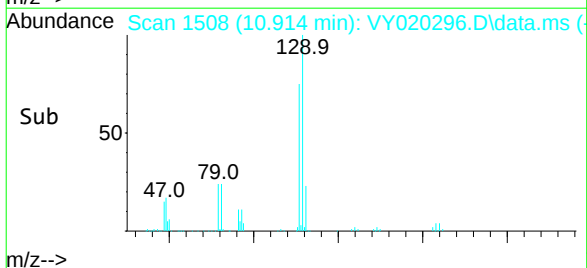
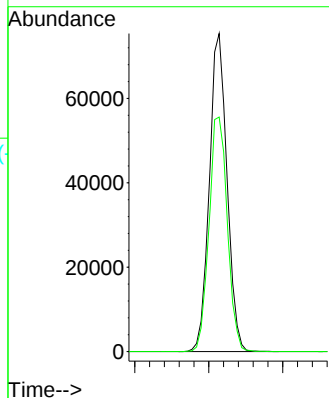
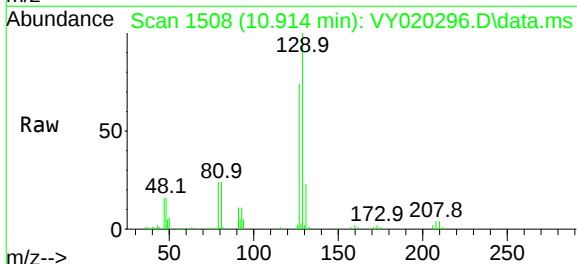
Acq: 13 Nov 2024 20:18

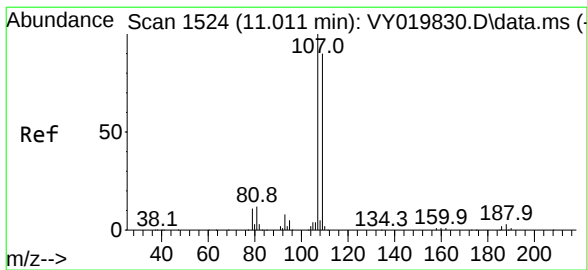
Tgt Ion:129 Resp: 124747

Ion Ratio Lower Upper

129 100

127 76.6 39.0 117.0

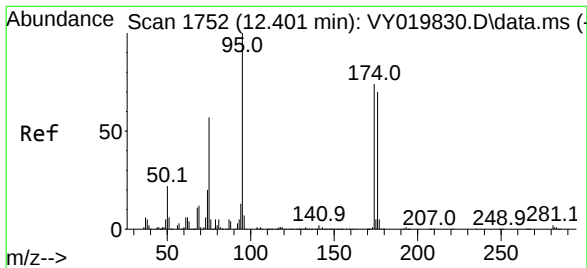
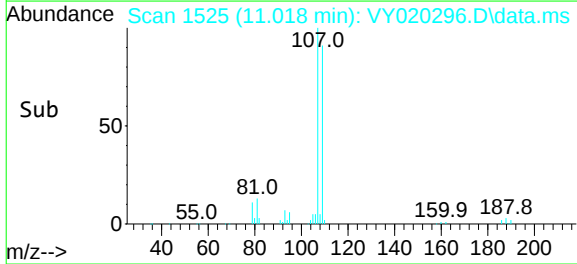
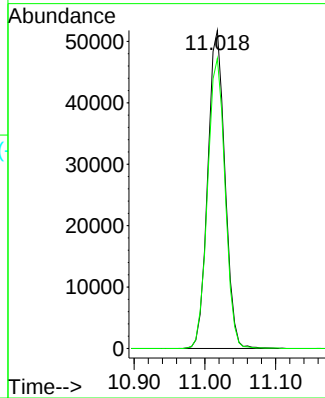
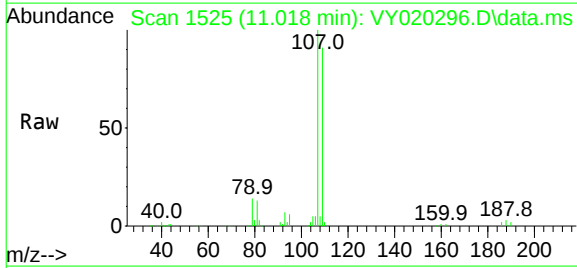




#61
1,2-Dibromoethane
Concen: 43.420 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

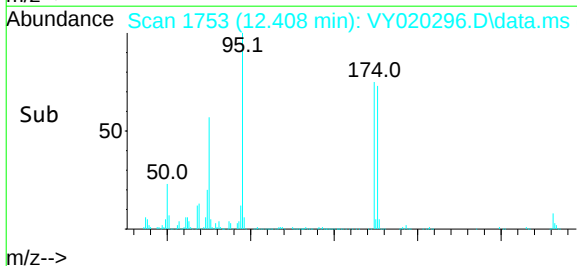
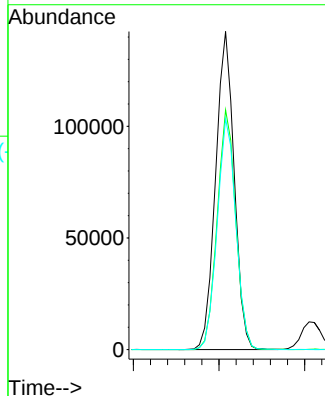
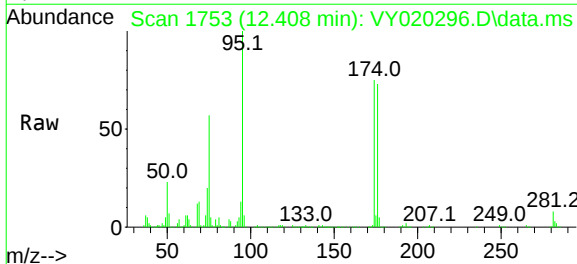
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

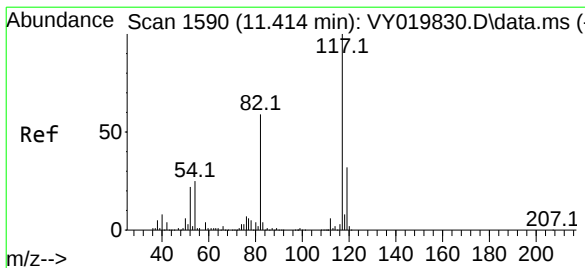
Tgt Ion: 107 Resp: 87384
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.711 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 95 Resp: 214684
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 72.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

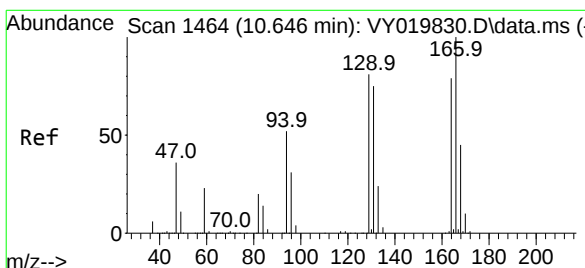
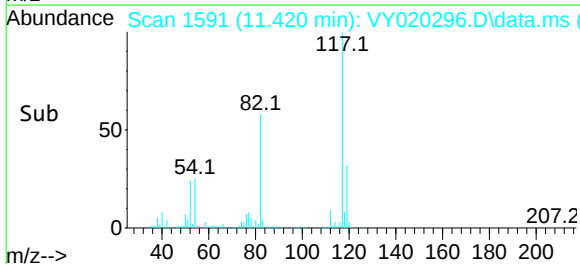
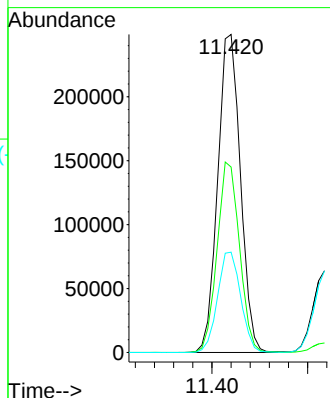
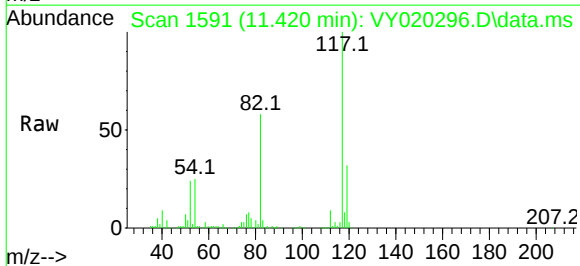
Tgt Ion:117 Resp: 409607

Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 46.969 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Tgt Ion:164 Resp: 127028

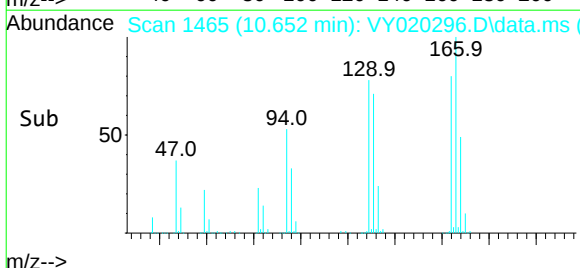
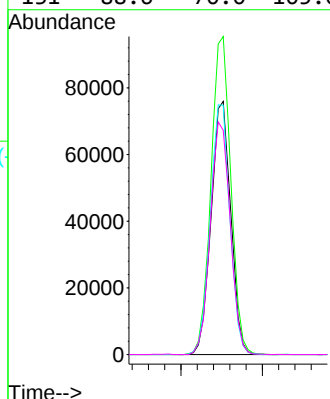
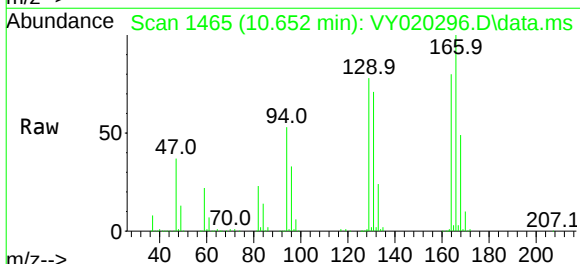
Ion Ratio Lower Upper

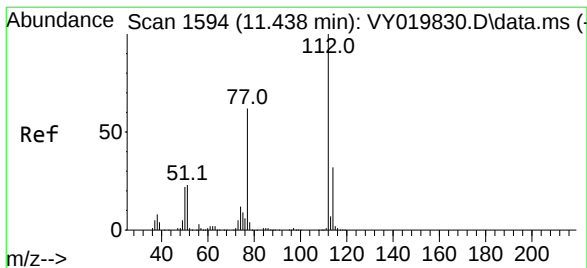
164 100

166 125.6 102.6 154.0

129 98.5 72.0 108.0

131 88.6 70.0 105.0





#65

Chlorobenzene

Concen: 52.209 ug/l

RT: 11.444 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

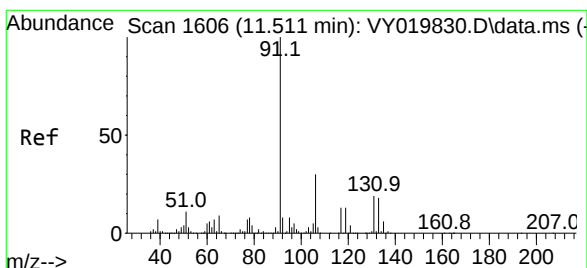
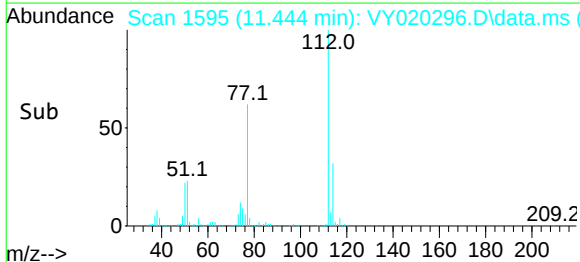
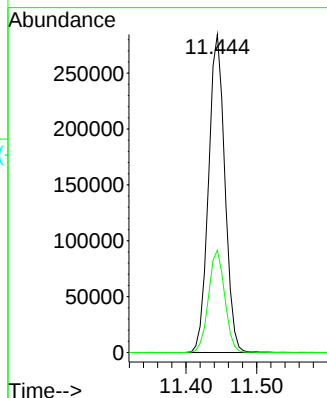
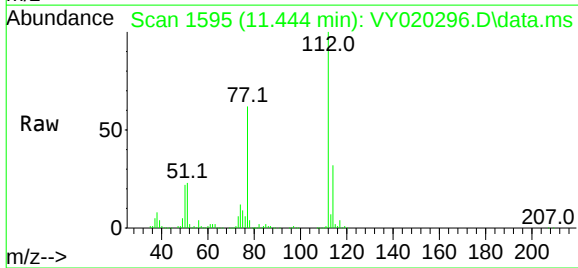
VSTDCCC050EC

Tgt Ion:112 Resp: 455663

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.162 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

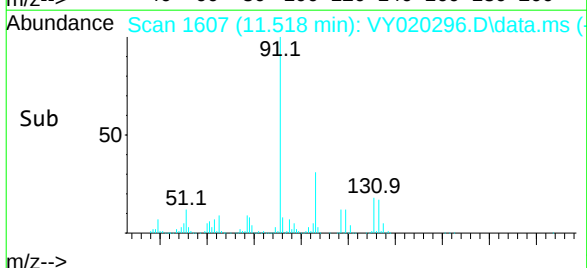
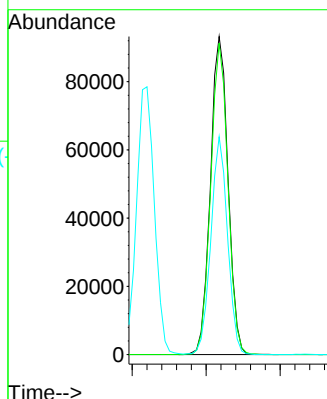
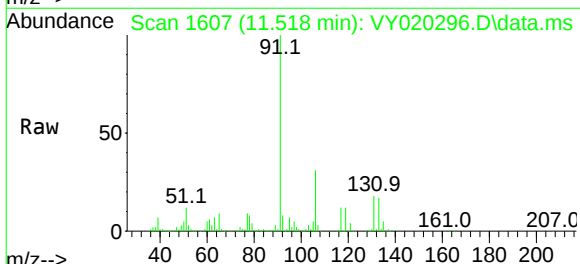
Tgt Ion:131 Resp: 153817

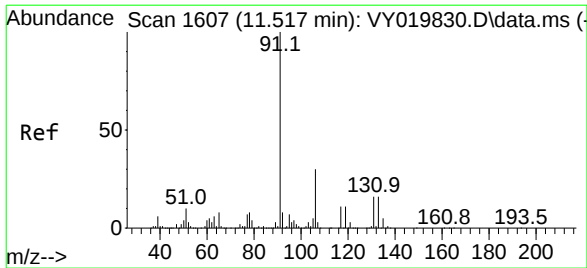
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 65.0 34.1 102.2

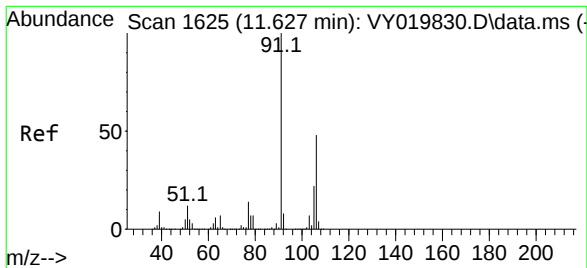
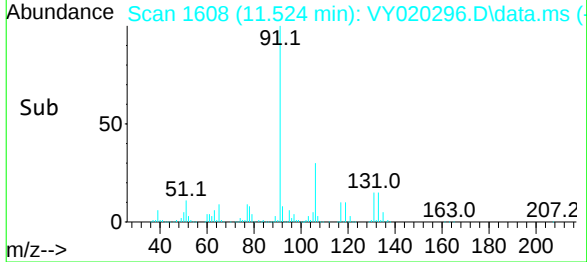
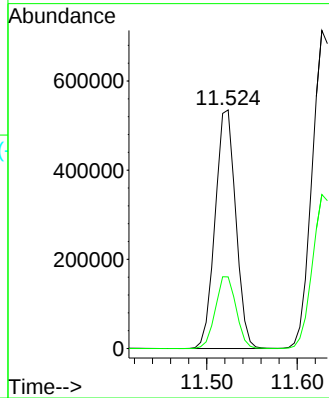
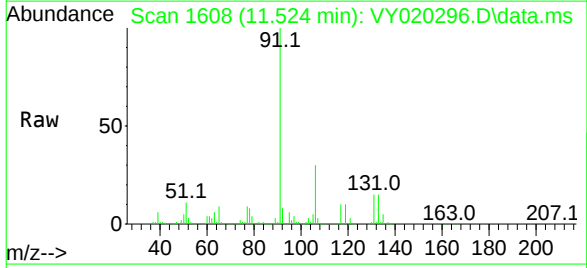




#67
Ethyl Benzene
Concen: 52.068 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

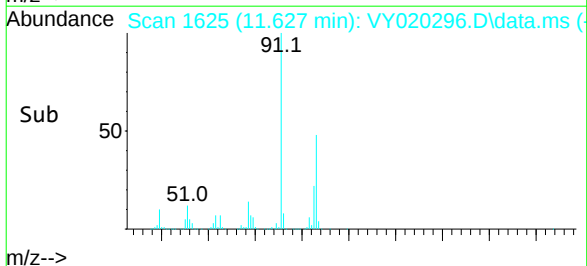
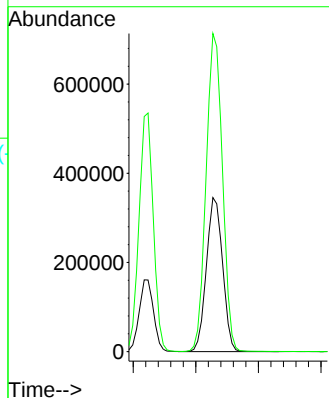
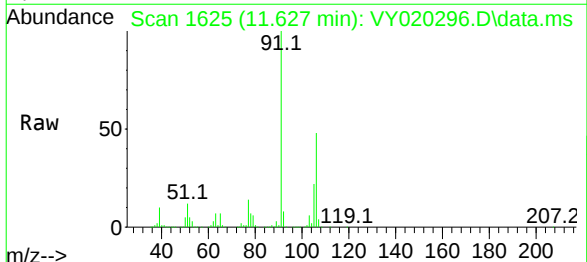
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

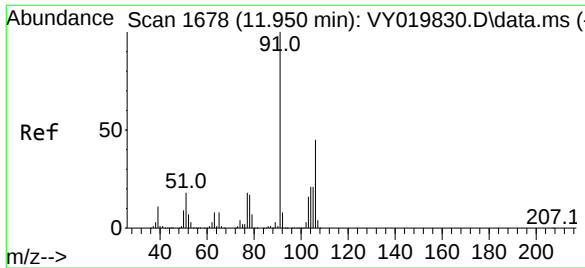
Tgt Ion: 91 Resp: 849489
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 104.065 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion:106 Resp: 621176
Ion Ratio Lower Upper
106 100
91 208.2 156.0 234.0





#69

o-Xylene

Concen: 51.638 ug/l

RT: 11.957 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

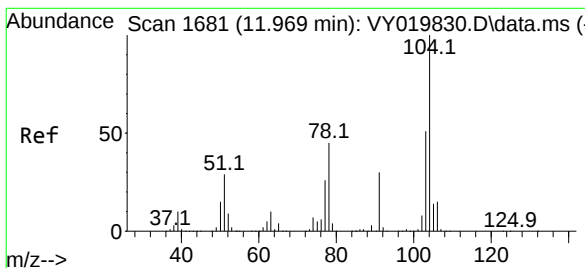
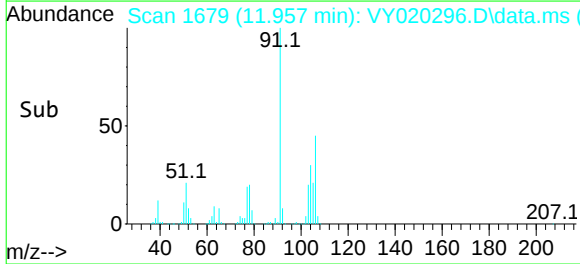
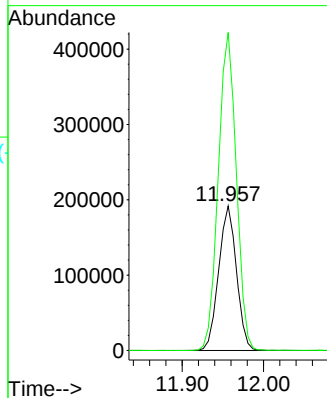
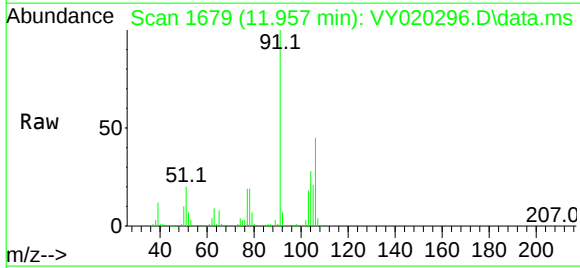
VSTDCCC050EC

Tgt Ion:106 Resp: 291825

Ion Ratio Lower Upper

106 100

91 222.5 103.6 310.8



#70

Styrene

Concen: 53.204 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

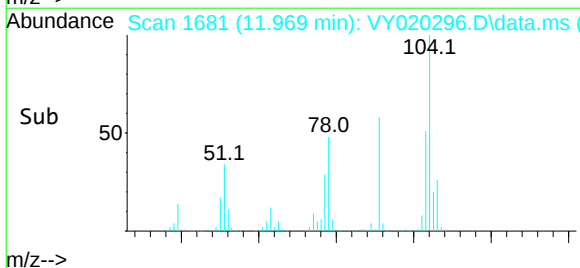
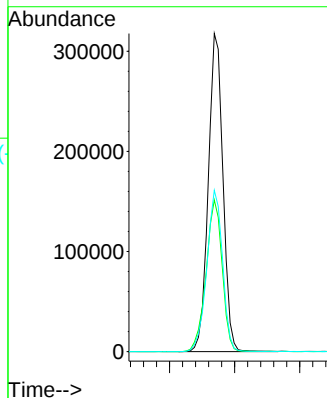
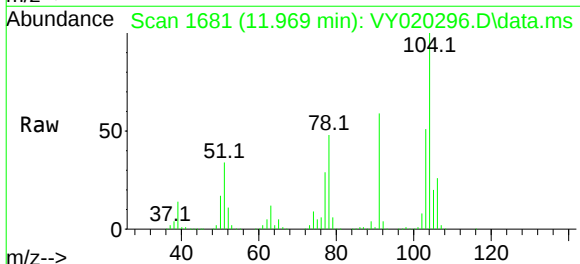
Tgt Ion:104 Resp: 497139

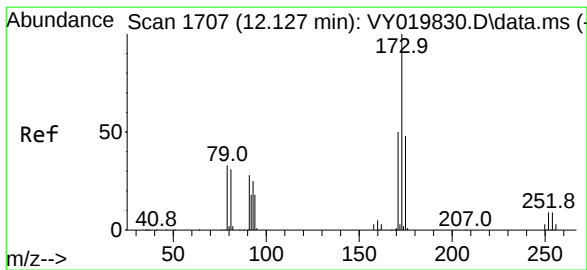
Ion Ratio Lower Upper

104 100

78 52.3 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 54.989 ug/l

RT: 12.133 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

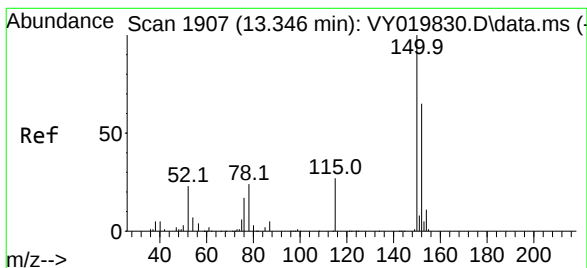
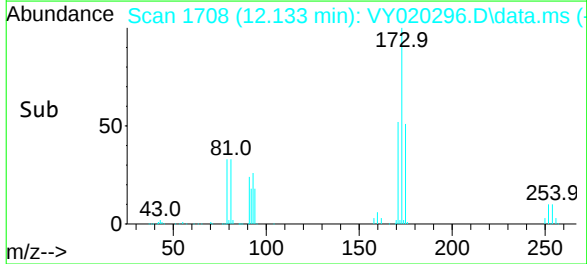
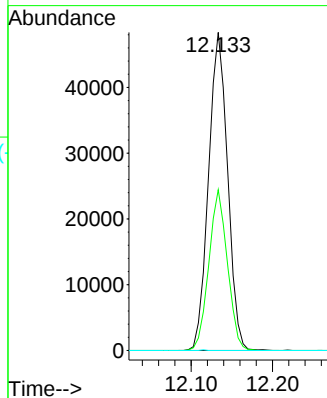
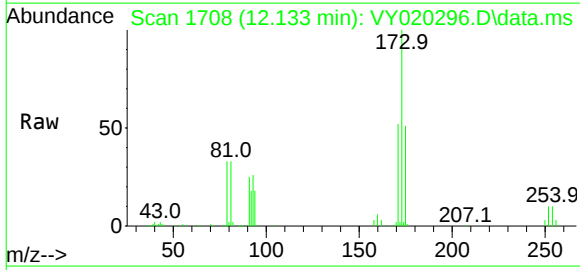
Tgt Ion:173 Resp: 78663

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

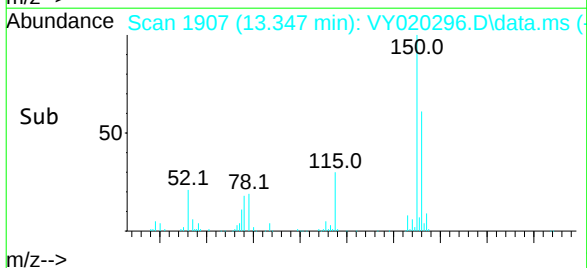
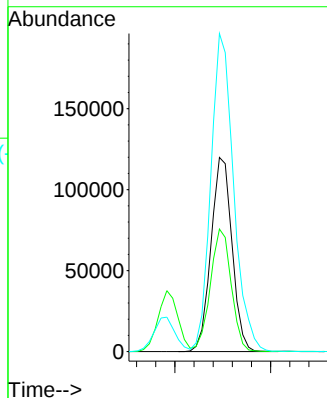
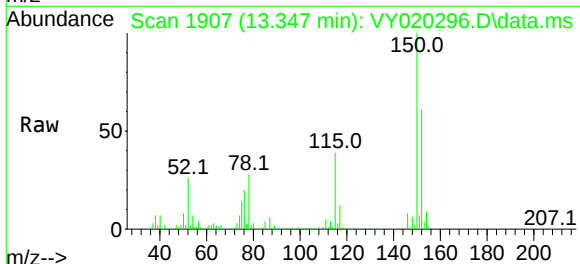
Tgt Ion:152 Resp: 183019

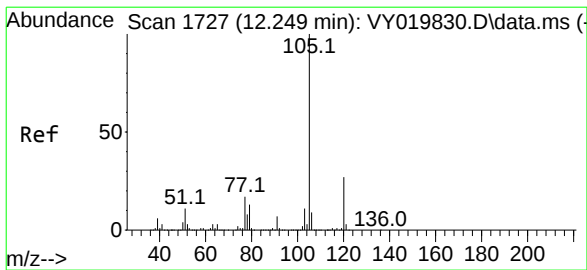
Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 177.2 0.0 345.6





#73

Isopropylbenzene

Concen: 54.458 ug/l

RT: 12.255 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

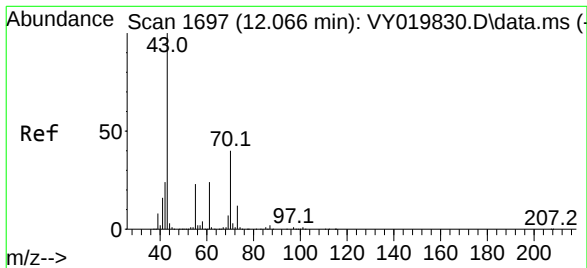
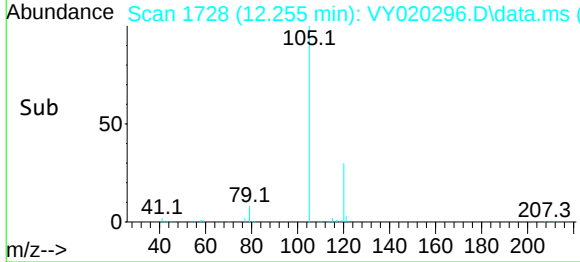
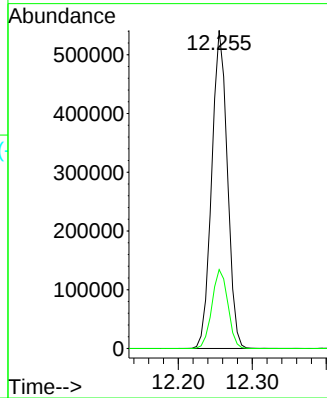
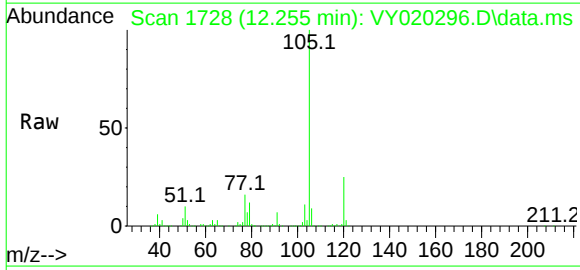
VSTDCCC050EC

Tgt Ion:105 Resp: 796206

Ion Ratio Lower Upper

105 100

120 25.1 13.4 40.1



#74

N-ethyl acetate

Concen: 53.711 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Tgt Ion: 43 Resp: 196299

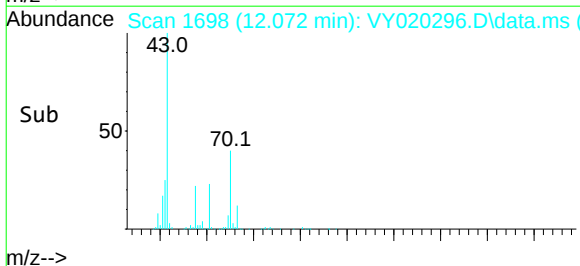
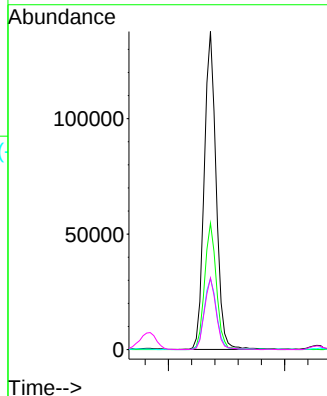
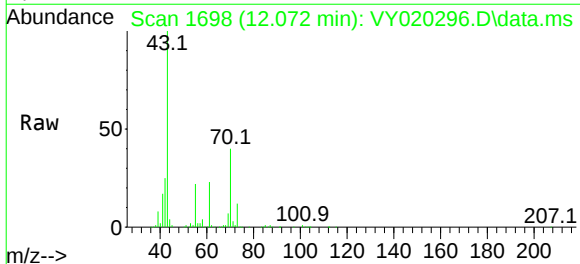
Ion Ratio Lower Upper

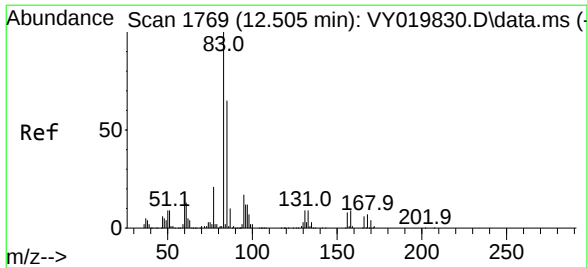
43 100

70 39.4 41.4 62.2#

55 23.2 23.3 34.9#

61 22.2 22.6 33.8#

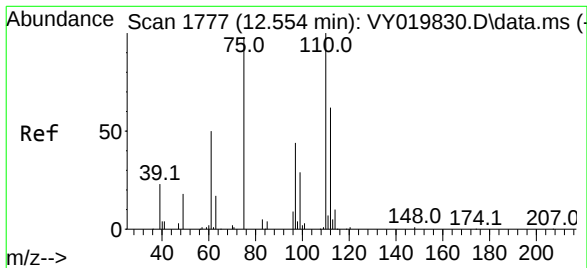
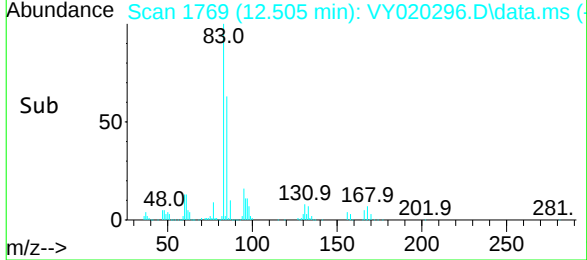
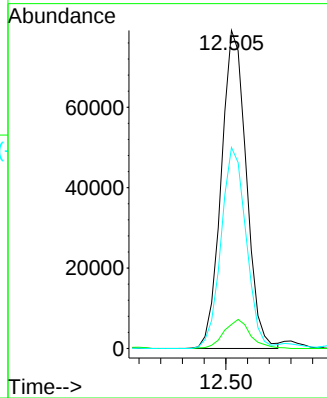
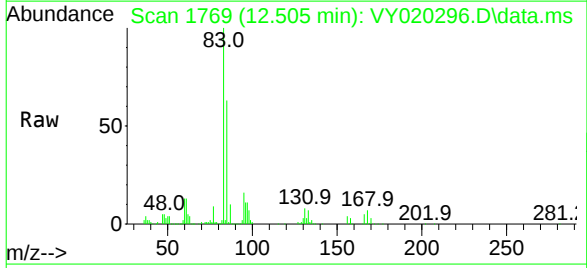




#75
1,1,2,2-Tetrachloroethane
Concen: 49.457 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

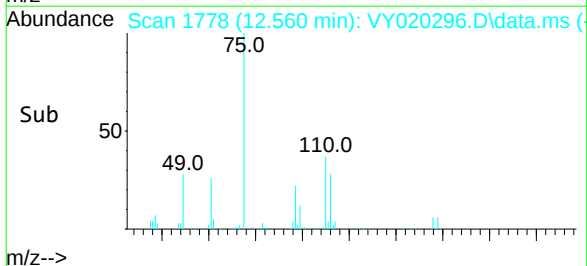
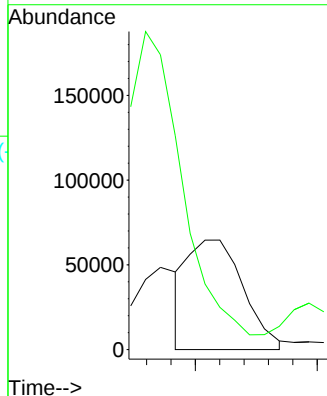
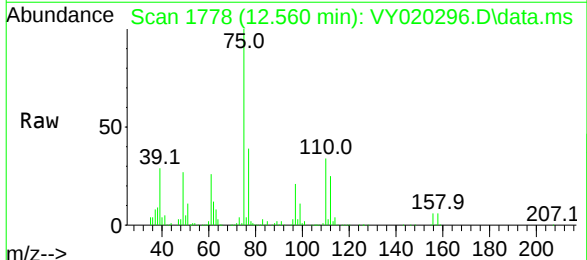
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

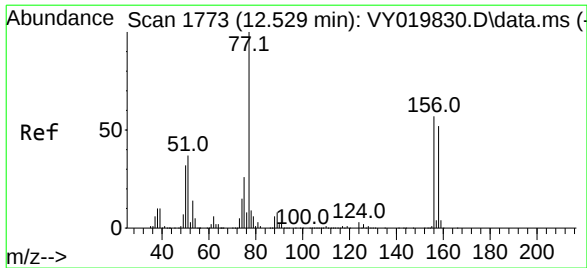
Tgt Ion: 83	Resp: 126460
Ion Ratio	Lower Upper
83	100
131	9.6 5.0 14.9
85	63.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 59.766 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 75	Resp: 102535
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0

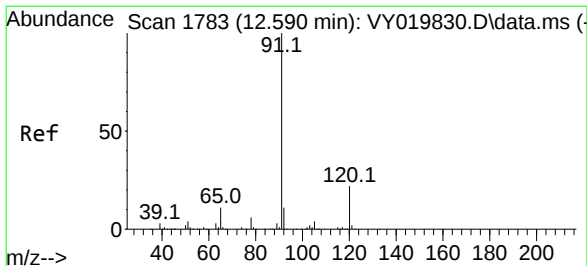
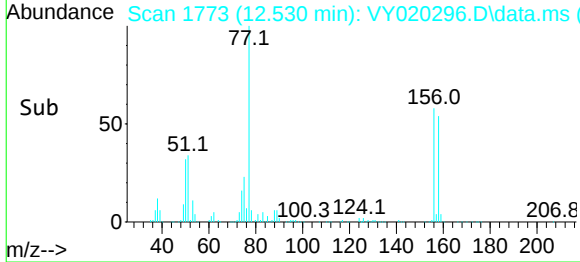
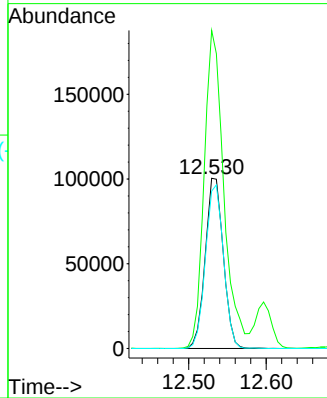
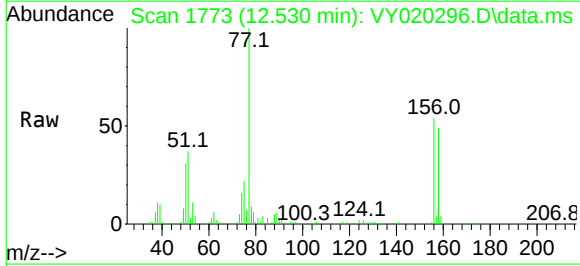




#77
Bromobenzene
Concen: 55.154 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

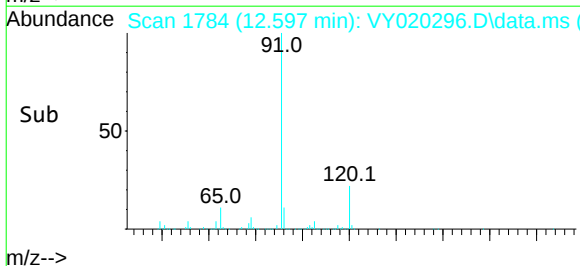
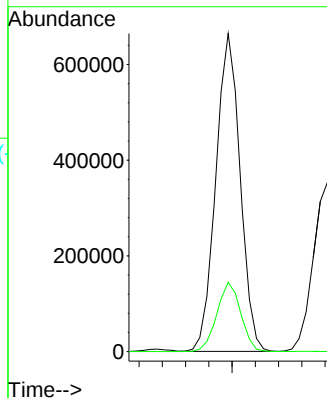
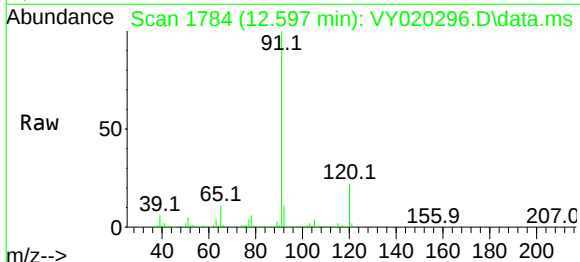
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

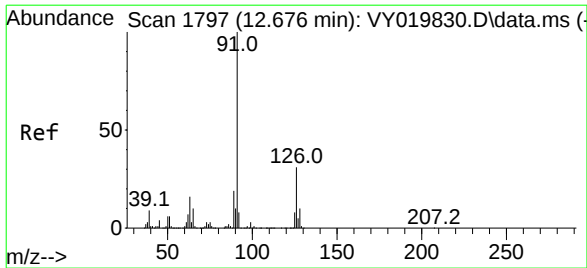
Tgt Ion:156 Resp: 163083
Ion Ratio Lower Upper
156 100
77 201.8 87.1 261.3
158 95.9 48.6 145.9



#78
n-propylbenzene
Concen: 53.035 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 91 Resp: 965037
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.432 ug/l

RT: 12.682 min Scan# 17

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

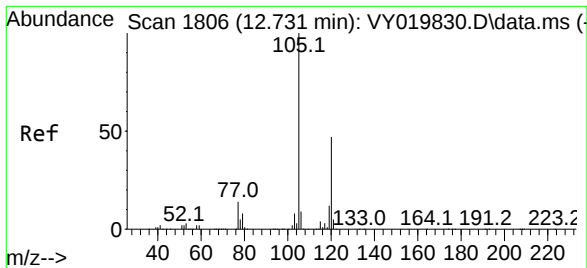
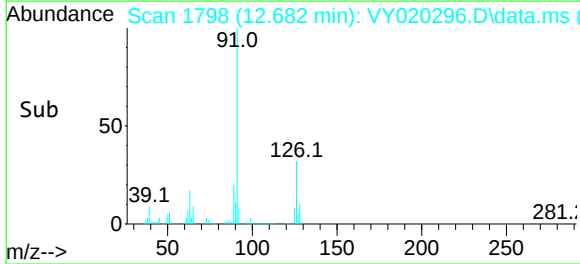
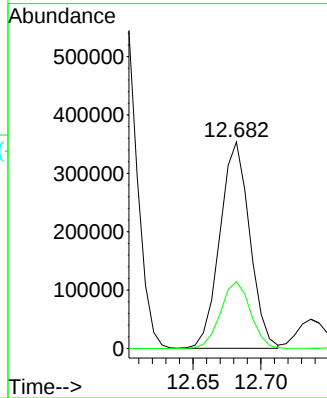
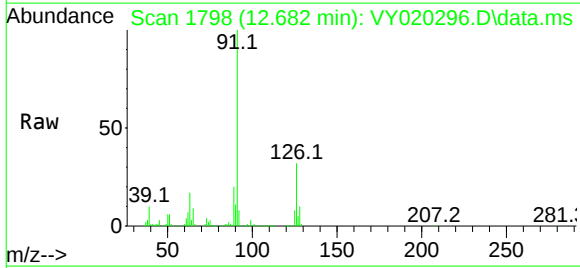
VSTDCCC050EC

Tgt Ion: 91 Resp: 539684

Ion Ratio Lower Upper

91 100

126 32.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 54.302 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020296.D

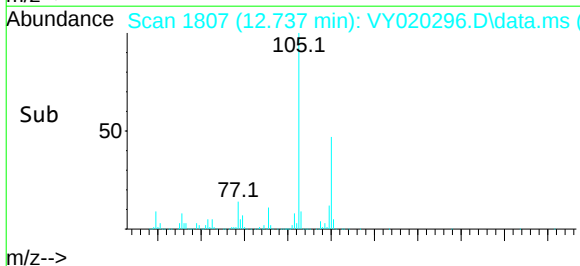
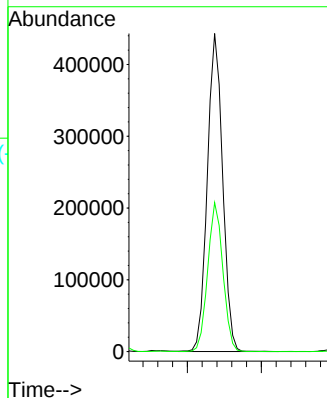
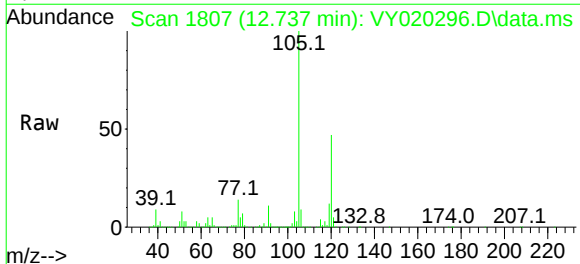
Acq: 13 Nov 2024 20:18

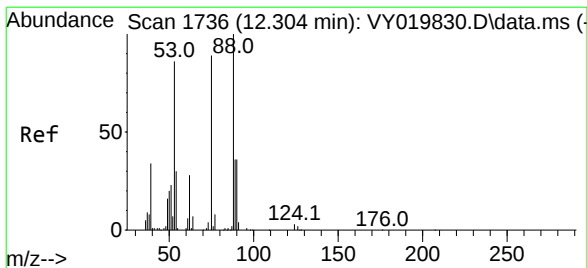
Tgt Ion:105 Resp: 637380

Ion Ratio Lower Upper

105 100

120 46.4 25.1 75.2

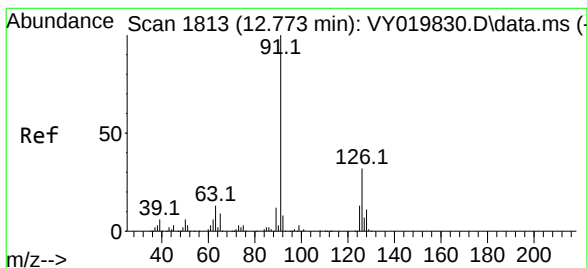
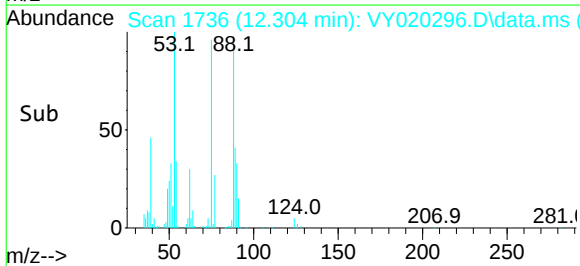
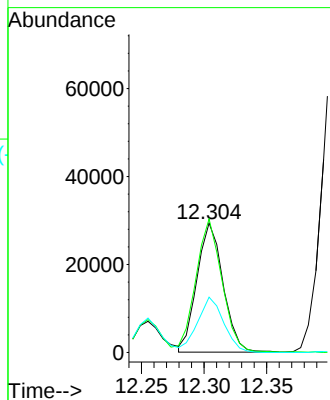
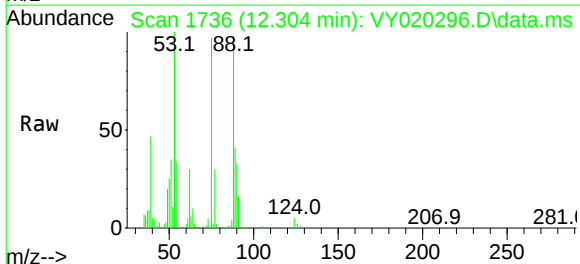




#81
trans-1,4-Dichloro-2-butene
Concen: 53.439 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

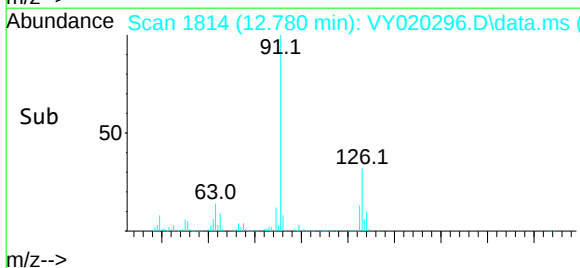
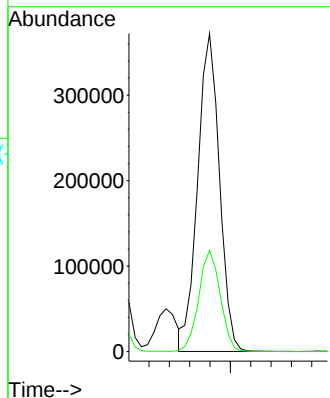
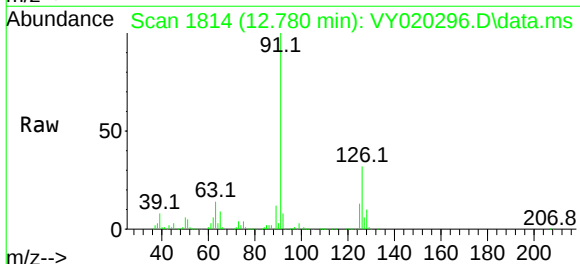
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

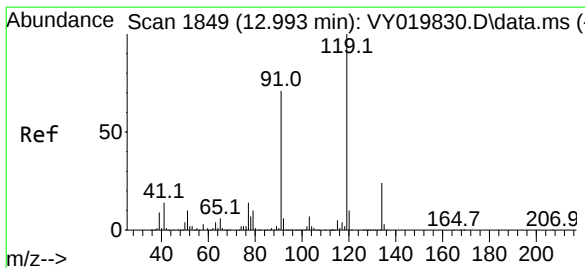
Tgt Ion: 75 Resp: 42623
Ion Ratio Lower Upper
75 100
53 103.6 66.8 100.2#
89 43.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.590 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020296.D
Acq: 13 Nov 2024 20:18

Tgt Ion: 91 Resp: 551891
Ion Ratio Lower Upper
91 100
126 31.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.862 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020296.D

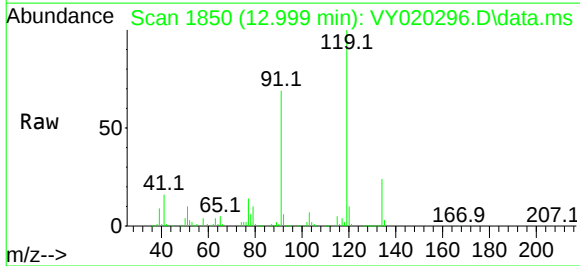
Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



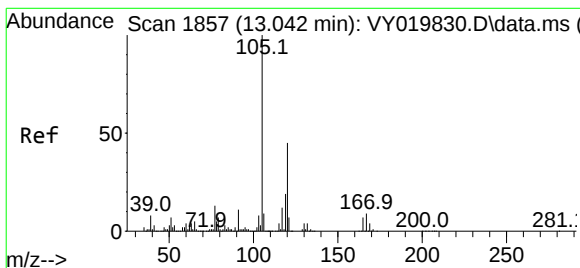
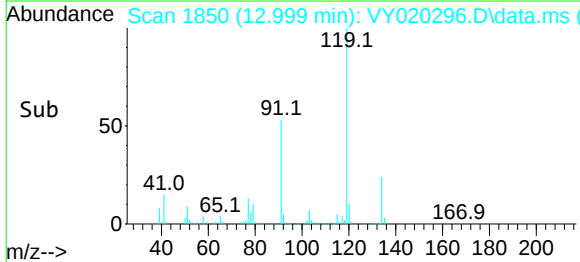
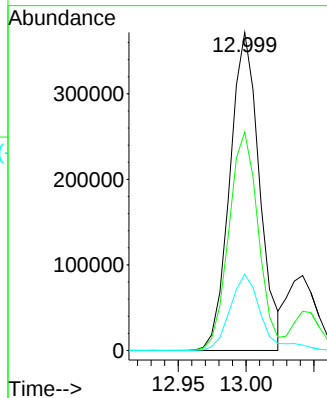
Tgt Ion:119 Resp: 563101

Ion Ratio Lower Upper

119 100

91 68.1 31.3 93.8

134 25.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.375 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020296.D

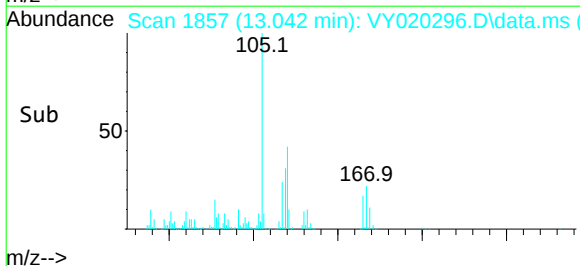
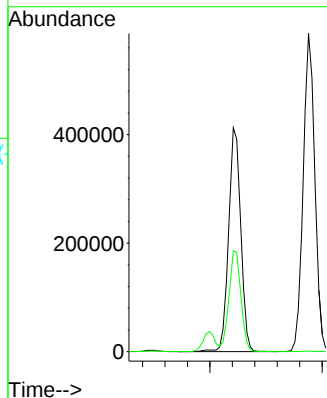
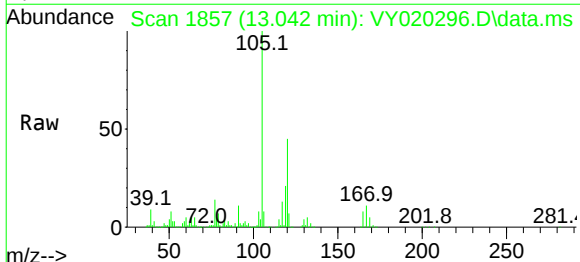
Acq: 13 Nov 2024 20:18

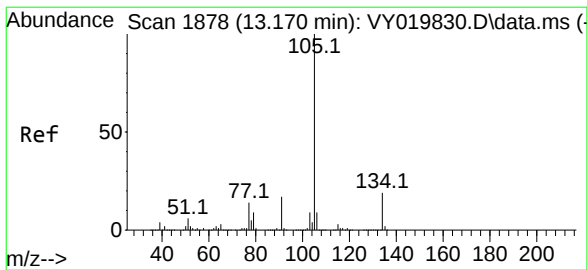
Tgt Ion:105 Resp: 620539

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.383 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

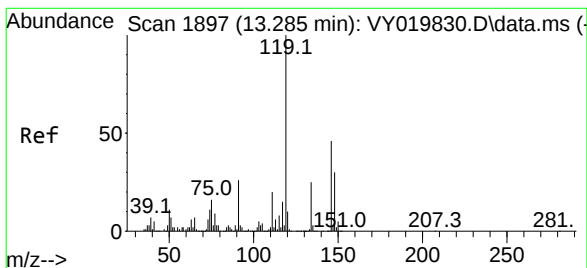
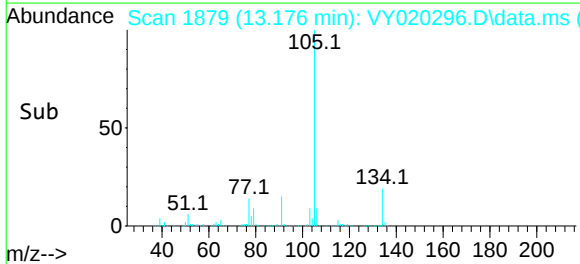
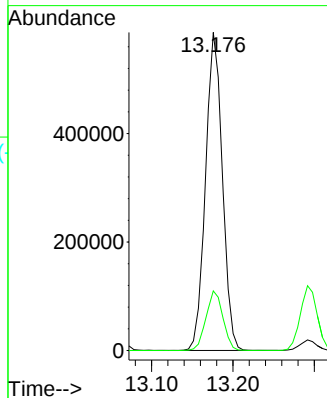
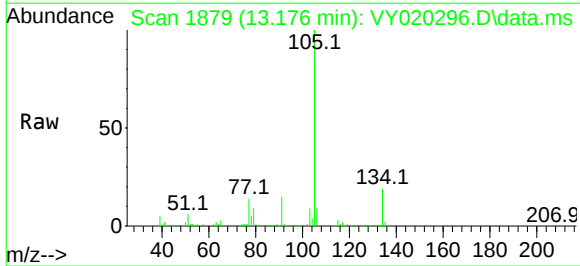
VSTDCCC050EC

Tgt Ion:105 Resp: 841139

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.258 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

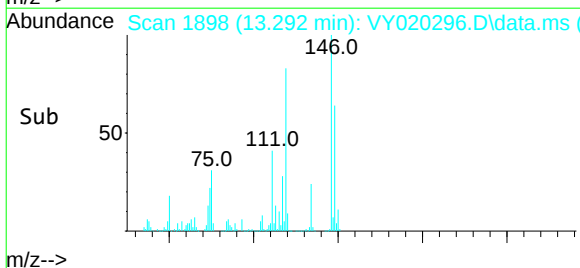
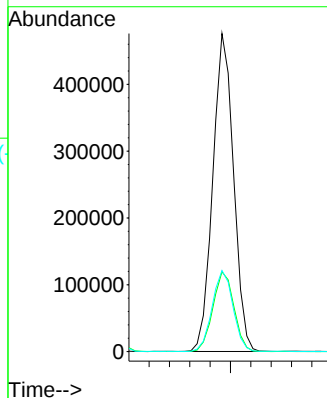
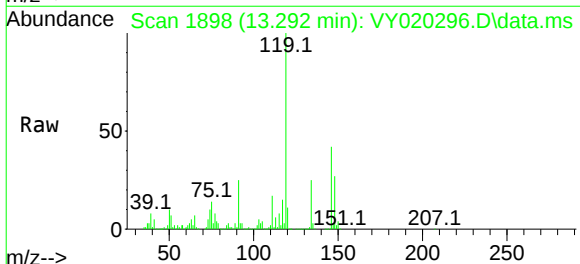
Tgt Ion:119 Resp: 673406

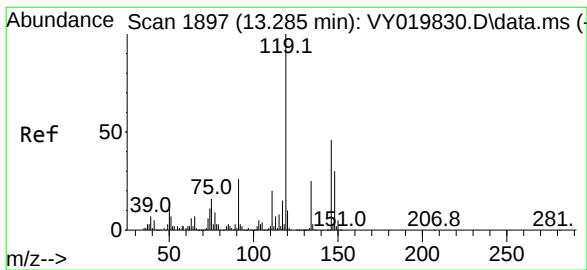
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 25.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.175 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020296.D

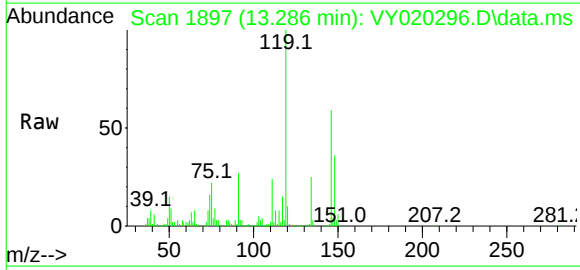
Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



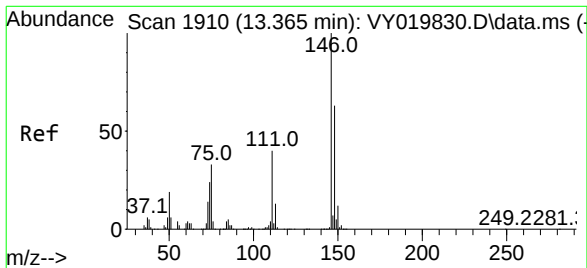
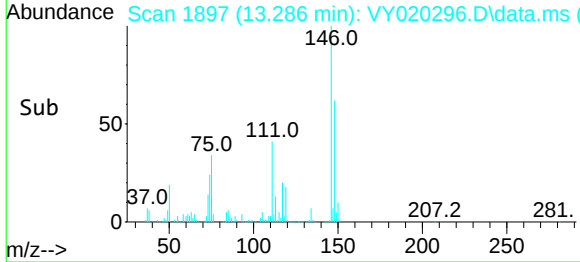
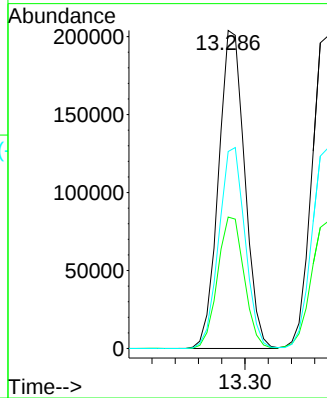
Tgt Ion:146 Resp: 319413

Ion Ratio Lower Upper

146 100

111 41.8 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.197 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

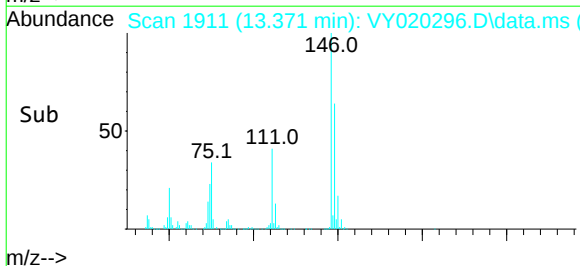
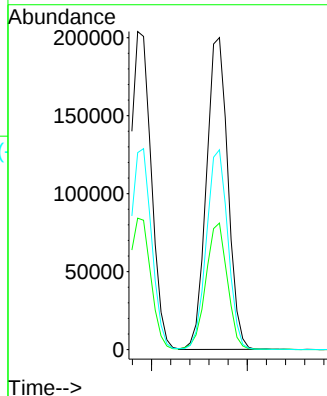
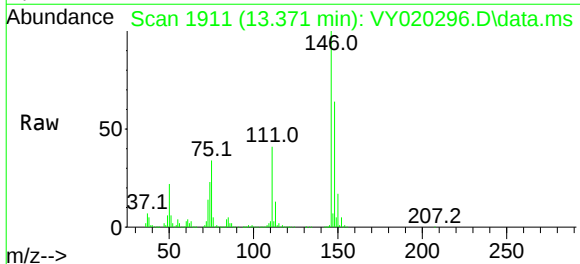
Tgt Ion:146 Resp: 312235

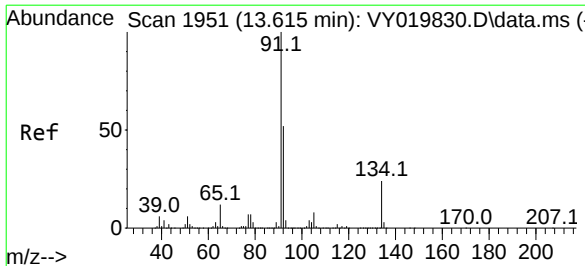
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 51.771 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

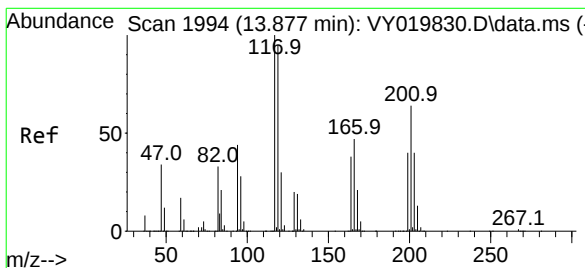
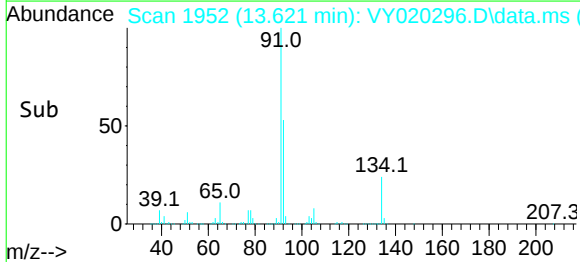
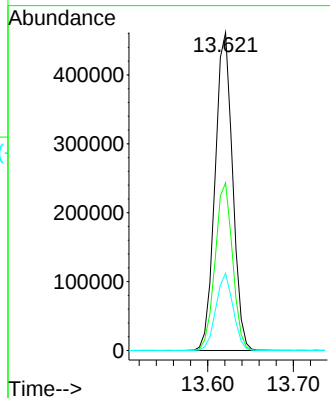
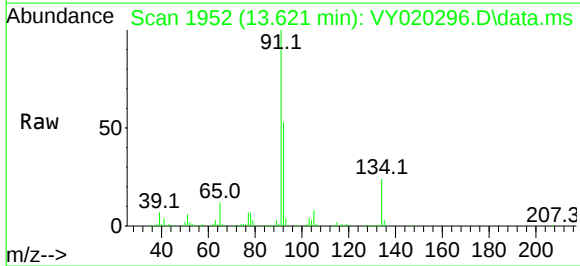
Tgt Ion: 91 Resp: 656201

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 23.8 12.9 38.7



#90

Hexachloroethane

Concen: 53.162 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020296.D

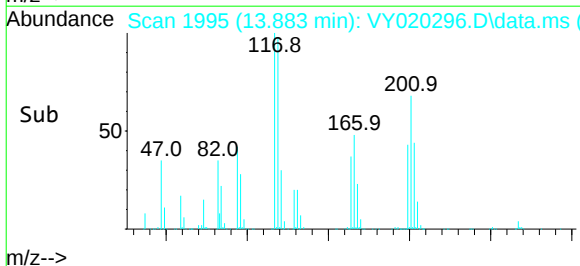
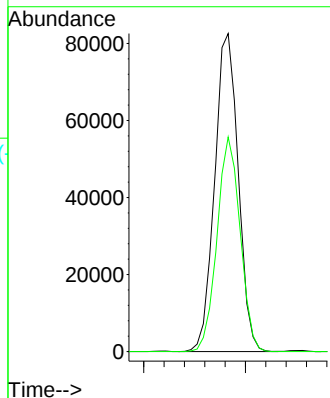
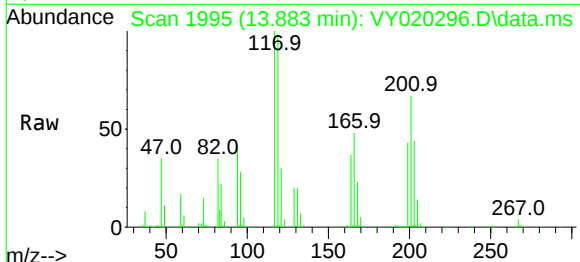
Acq: 13 Nov 2024 20:18

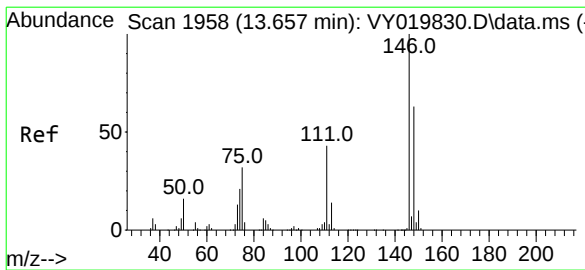
Tgt Ion: 117 Resp: 132939

Ion Ratio Lower Upper

117 100

201 66.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.074 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

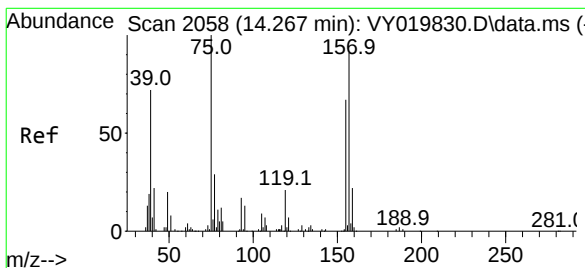
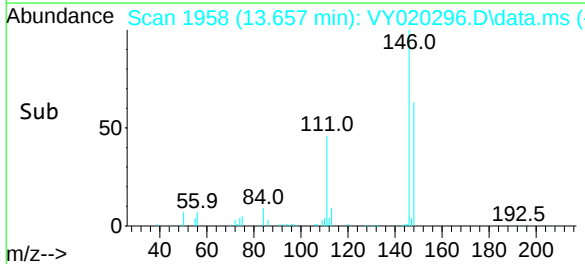
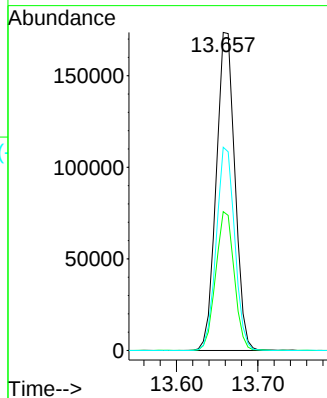
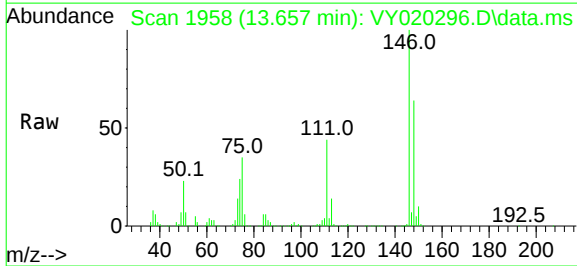
Tgt Ion:146 Resp: 277111

Ion Ratio Lower Upper

146 100

111 43.3 19.9 59.7

148 63.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.431 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

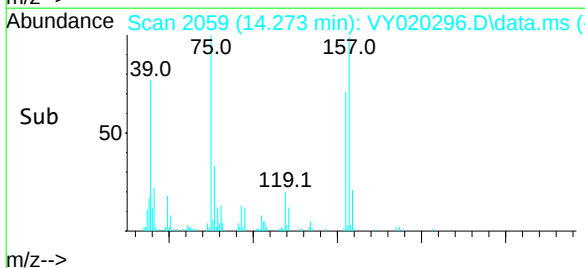
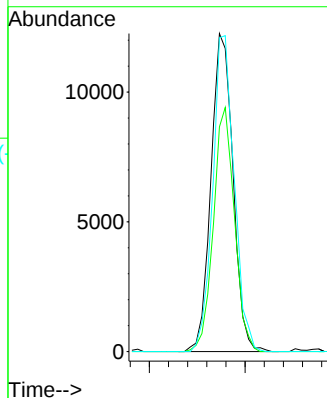
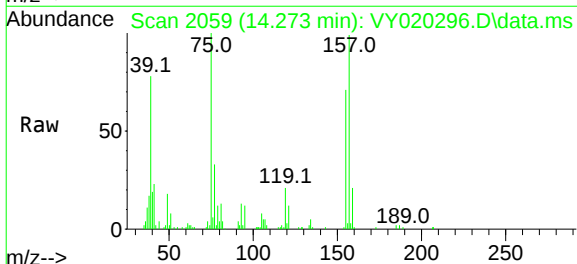
Tgt Ion: 75 Resp: 19556

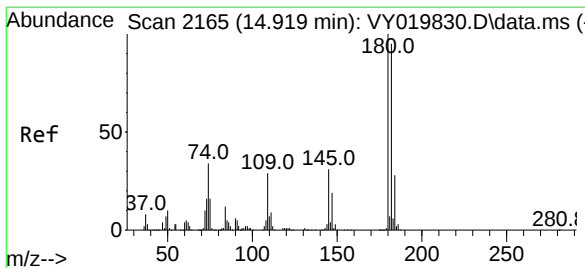
Ion Ratio Lower Upper

75 100

155 73.3 48.6 145.8

157 97.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.353 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

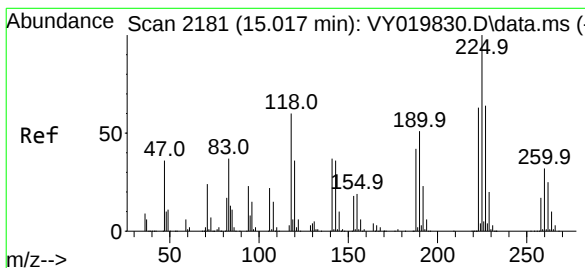
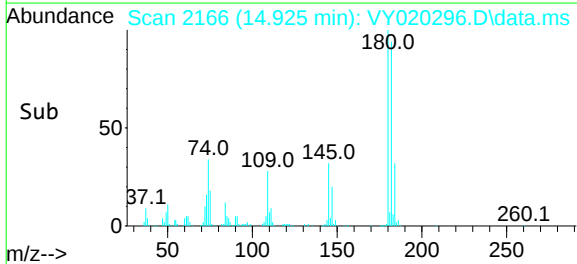
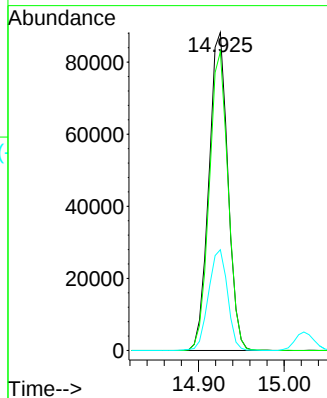
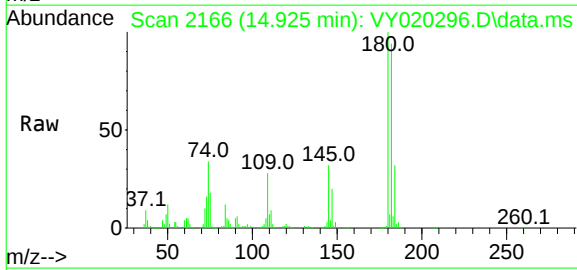
Tgt Ion:180 Resp: 135622

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.8

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.202 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

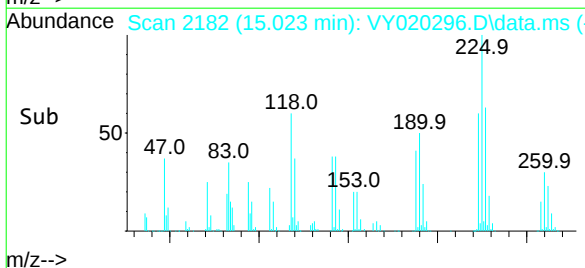
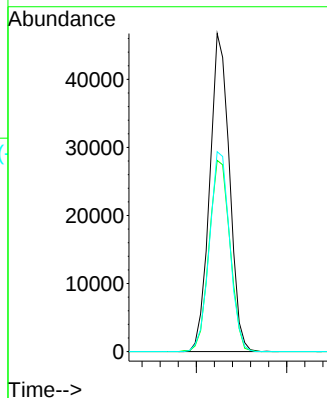
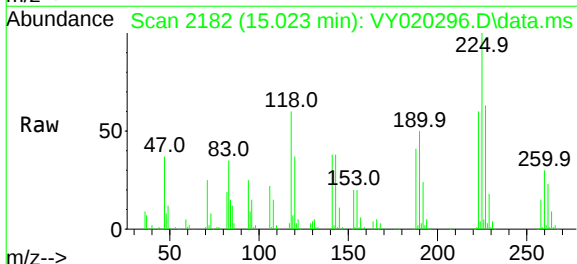
Tgt Ion:225 Resp: 70861

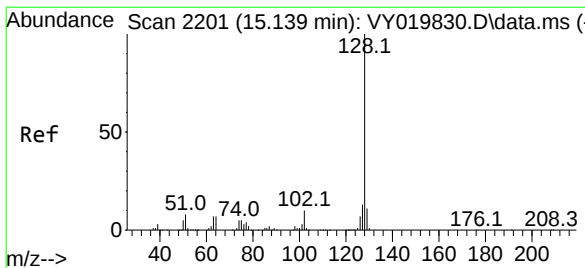
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 42.793 ug/l

RT: 15.151 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

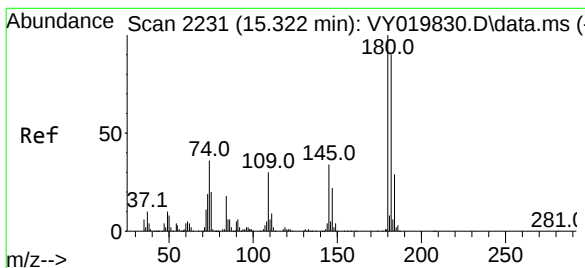
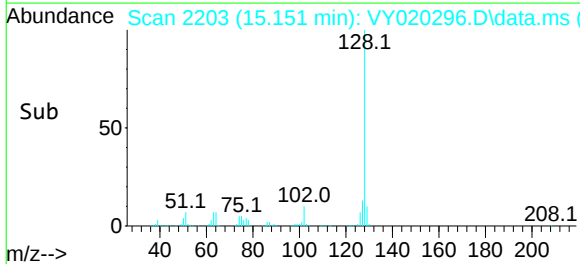
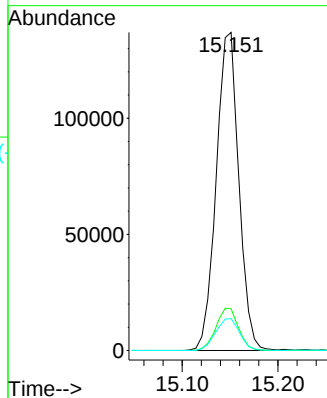
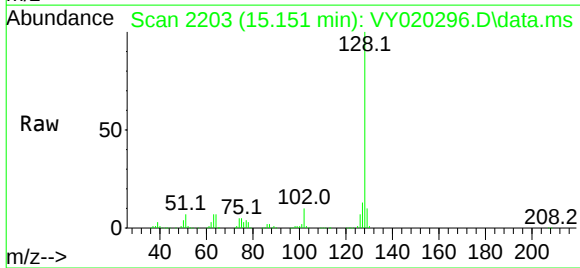
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 224365
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 40.367 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020296.D

Acq: 13 Nov 2024 20:18

Tgt Ion:180 Resp: 96110
Ion Ratio Lower Upper
180 100
182 93.0 47.6 142.9
145 33.1 15.4 46.1

