

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002180.D
 Acq On : 01 Apr 2020 21:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/2/2020 10:12:47 AM

Quant Time: Apr 02 08:31:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	140161	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	264015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	244327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	109639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	79549	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.75	113	74077	50.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.20	98	299248	48.69	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.50	95	106022	49.33	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	40803	44.466	ug/l	97
3) Chloromethane	2.13	50	72554	44.295	ug/l	95
4) Vinyl Chloride	2.27	62	77875	46.747	ug/l	98
5) Bromomethane	2.67	94	56842	52.285	ug/l	99
6) Chloroethane	2.82	64	52145	48.749	ug/l	100
7) Trichlorofluoromethane	3.15	101	109258	47.860	ug/l	98
8) Diethyl Ether	3.55	74	49438	51.130	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	72019	48.085	ug/l	98
10) Methyl Iodide	4.12	142	79710	44.757	ug/l	99
11) Tert butyl alcohol	5.00	59	47781	261.681	ug/l	99
12) 1,1-Dichloroethene	3.91	96	74562	49.026	ug/l	97
13) Acrolein	3.76	56	70535	309.076	ug/l	99
14) Allyl chloride	4.51	41	139177	49.988	ug/l	99
15) Acrylonitrile	5.21	53	141805	279.810	ug/l	100
16) Acetone	3.98	43	98203	225.591	ug/l	97
17) Carbon Disulfide	4.22	76	239469	47.446	ug/l	100
18) Methyl Acetate	4.51	43	60100	53.167	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	228245	53.797	ug/l	98
20) Methylene Chloride	4.75	84	92157	51.263	ug/l	96
21) trans-1,2-Dichloroethene	5.26	96	88290	50.986	ug/l	97
22) Diisopropyl ether	6.16	45	300703	52.775	ug/l	94
23) Vinyl Acetate	6.10	43	1012965	271.118	ug/l	99
24) 1,1-Dichloroethane	6.05	63	157646	52.037	ug/l	99
25) 2-Butanone	7.02	43	177823	266.032	ug/l	98
26) 2,2-Dichloropropane	7.02	77	120080	48.127	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	99352	52.152	ug/l	100
28) Bromochloromethane	7.36	49	74021	53.520	ug/l	100
29) Tetrahydrofuran	7.38	42	122597	279.745	ug/l	99
30) Chloroform	7.54	83	150134	52.284	ug/l	97
31) Cyclohexane	7.81	56	152958	47.383	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	122287	51.006	ug/l	99
36) 1,1-Dichloropropene	7.94	75	120828	48.385	ug/l	100
37) Ethyl Acetate	7.11	43	80088	53.071	ug/l	99
38) Carbon Tetrachloride	7.93	117	104043	49.107	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	154828	47.267	ug/l	99
40) Benzene	8.19	78	371648	50.243	ug/l	100
41) Methacrylonitrile	7.35	41	40809m	53.462	ug/l	
42) 1,2-Dichloroethane	8.27	62	99689	50.762	ug/l	99
43) Isopropyl Acetate	8.30	43	148972	53.187	ug/l	99
44) Trichloroethene	8.96	130	88537	49.654	ug/l	91
45) 1,2-Dichloropropane	9.24	63	96350	51.156	ug/l	98
46) Dibromomethane	9.33	93	51136	52.867	ug/l	100
47) Bromodichloromethane	9.52	83	117746	52.291	ug/l	100
48) Methyl methacrylate	9.31	41	66480	52.965	ug/l	99
49) 1,4-Dioxane	9.32	88	14212	1070.727	ug/l	100
51) 4-Methyl-2-Pentanone	10.09	43	400135	277.440	ug/l	99
52) Toluene	10.26	92	227312	50.808	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	129212	51.700	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	152998	51.995	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	74752	52.216	ug/l	95
56) Ethyl methacrylate	10.52	69	114333	54.680	ug/l	98
57) 1,3-Dichloropropane	10.81	76	132964	52.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	304633	283.534	ug/l	100
59) 2-Hexanone	10.85	43	270313	266.072	ug/l	99
60) Dibromochloromethane	11.00	129	80818	53.949	ug/l	99
61) 1,2-Dibromoethane	11.11	107	71654	53.475	ug/l	98
64) Tetrachloroethene	10.74	164	72018	48.177	ug/l	99
65) Chlorobenzene	11.53	112	236980	50.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	79680	50.499	ug/l	100
67) Ethyl Benzene	11.61	91	436244	49.803	ug/l	99
68) m/p-Xylenes	11.72	106	319407	98.623	ug/l	100
69) o-Xylene	12.05	106	154260	50.211	ug/l	99
70) Styrene	12.06	104	271272	50.956	ug/l	99
71) Bromoform	12.22	173	44968	52.035	ug/l #	98
73) Isopropylbenzene	12.35	105	407634	50.120	ug/l	100
74) N-amyl acetate	12.16	43	134372	52.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	94838	54.189	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57452m	46.846	ug/l	
77) Bromobenzene	12.63	156	89806	51.726	ug/l	100
78) n-propylbenzene	12.69	91	496914	49.234	ug/l	99
79) 2-Chlorotoluene	12.77	91	277420	50.061	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	336914	50.210	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34034	53.763	ug/l	99
82) 4-Chlorotoluene	12.87	91	290737	49.787	ug/l	99
83) tert-Butylbenzene	13.09	119	284218	50.744	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	337957	50.480	ug/l	98
85) sec-Butylbenzene	13.27	105	409584	49.371	ug/l	100
86) p-Isopropyltoluene	13.38	119	354334	49.737	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	170249	50.125	ug/l	97
88) 1,4-Dichlorobenzene	13.46	146	169372	49.555	ug/l	99
89) n-Butylbenzene	13.71	91	355789	47.932	ug/l	100
90) Hexachloroethane	13.97	117	68453	50.992	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	159234	50.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14919	53.217	ug/l	97

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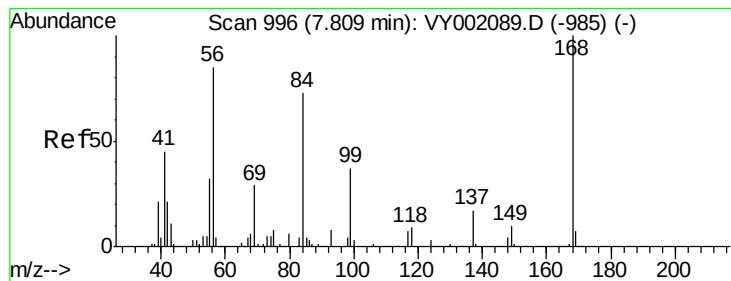
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	95592	47.283	ug/l	99
94) Hexachlorobutadiene	15.12	225	46117	46.213	ug/l	99
95) Naphthalene	15.25	128	248823	51.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	86944	47.425	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 140161

Ion Ratio Lower Upper

168 100

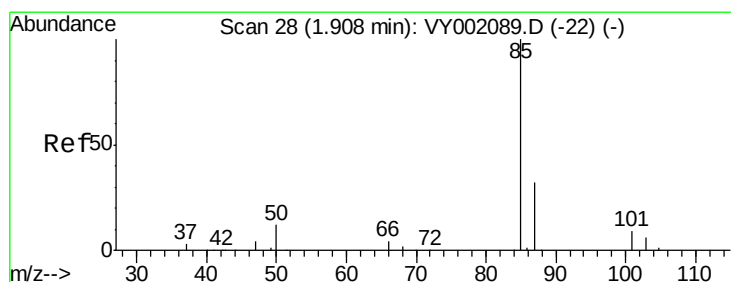
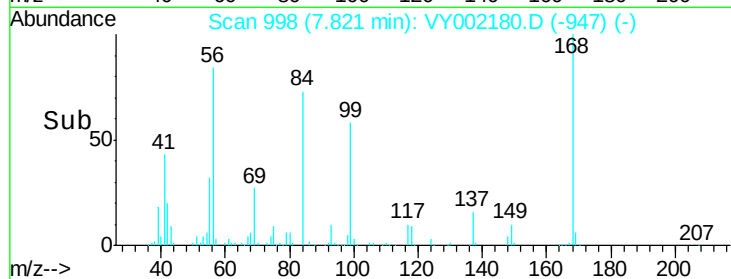
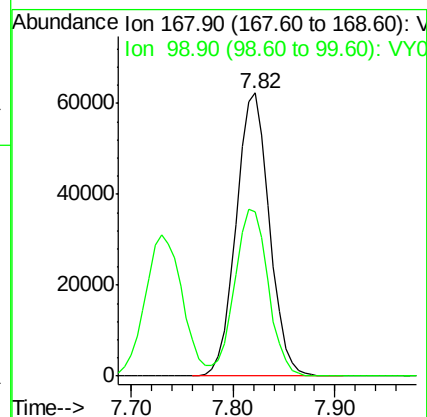
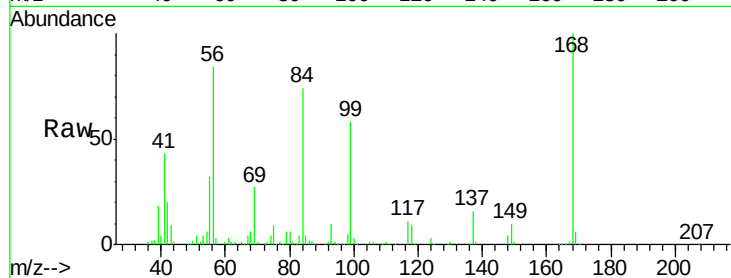
99 58.2 47.6 71.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.466 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002180.D

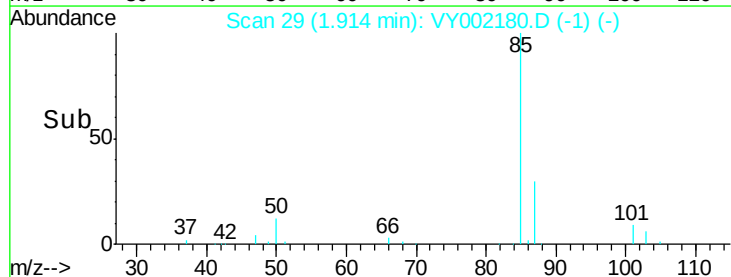
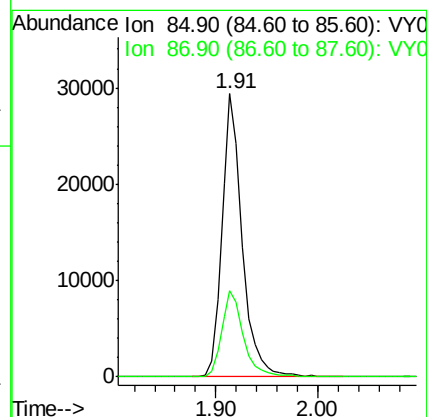
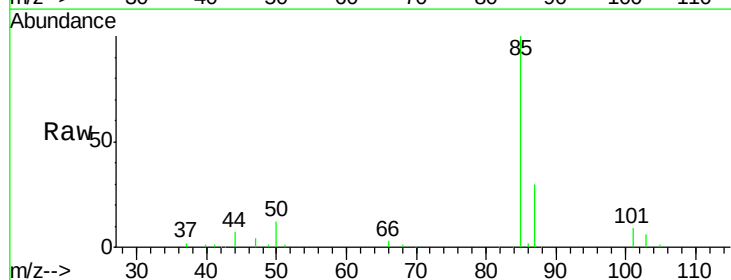
Acq: 01 Apr 2020 21:38

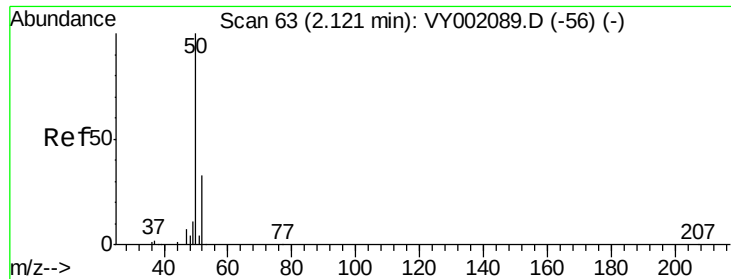
Tgt Ion: 85 Resp: 40803

Ion Ratio Lower Upper

85 100

87 30.5 16.0 48.0





#3

Chloromethane

Concen: 44.295 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 72554

Ion Ratio Lower Upper

50 100

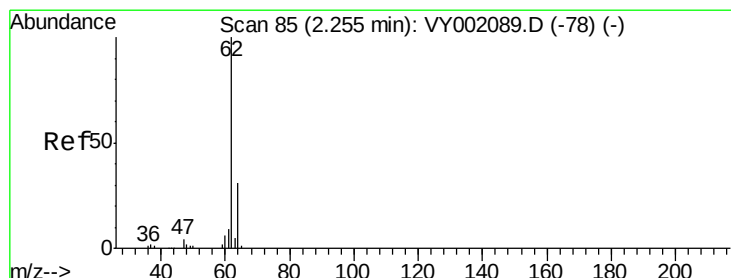
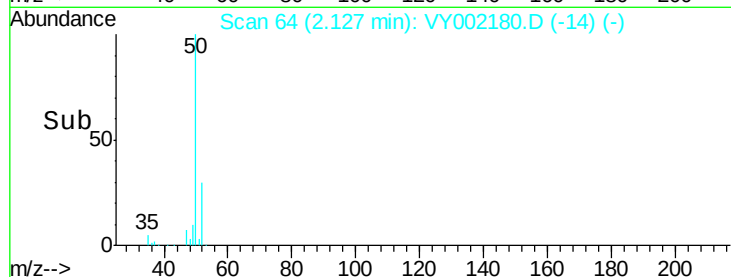
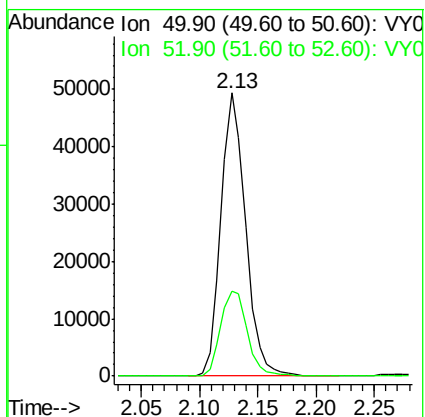
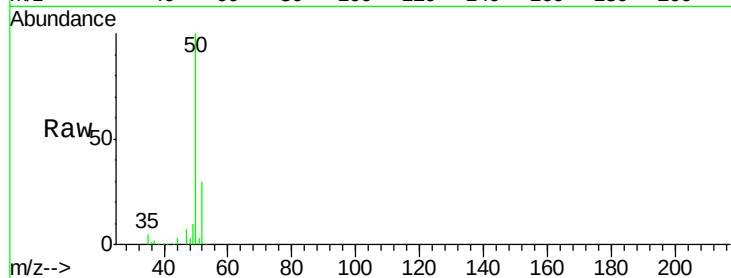
52 30.0 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.747 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002180.D

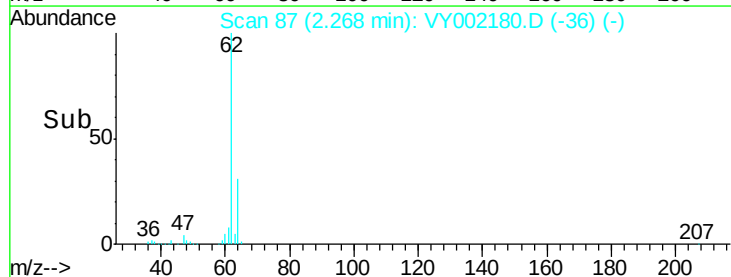
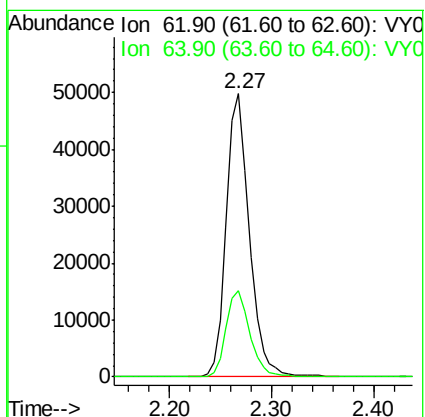
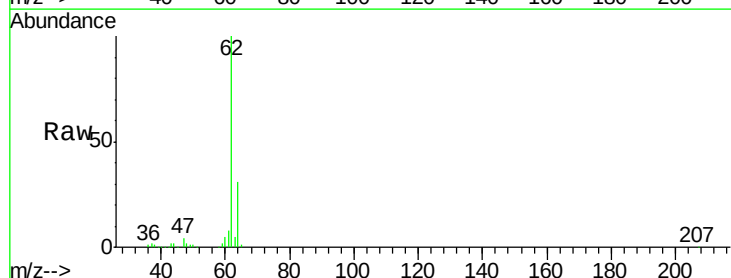
Acq: 01 Apr 2020 21:38

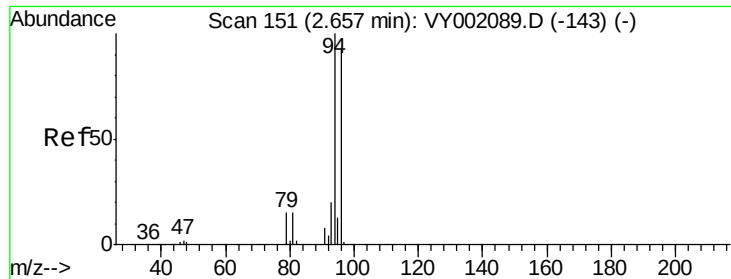
Tgt Ion: 62 Resp: 77875

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8





#5

Bromomethane

Concen: 52.285 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56842

Ion Ratio Lower Upper

94 100

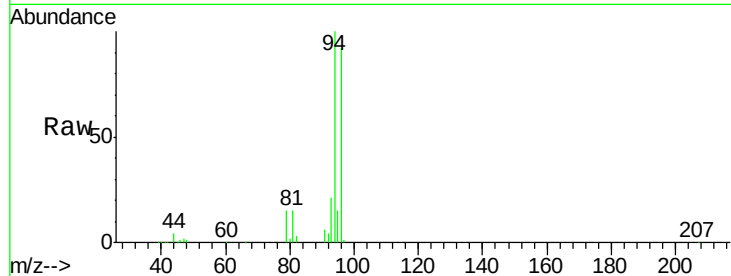
96 92.0 74.1 111.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.67

30000

25000

20000

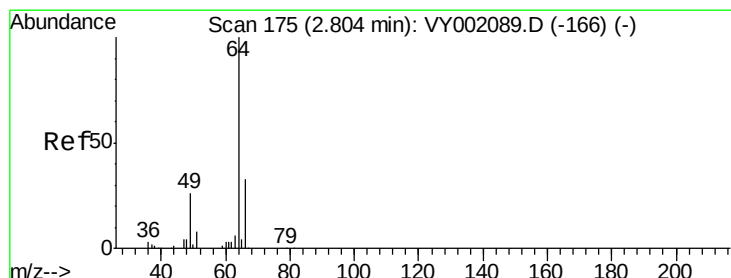
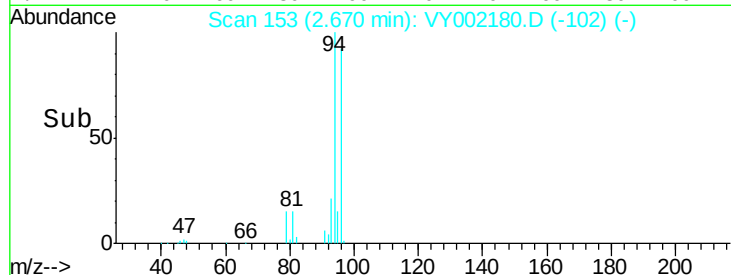
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 48.749 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002180.D

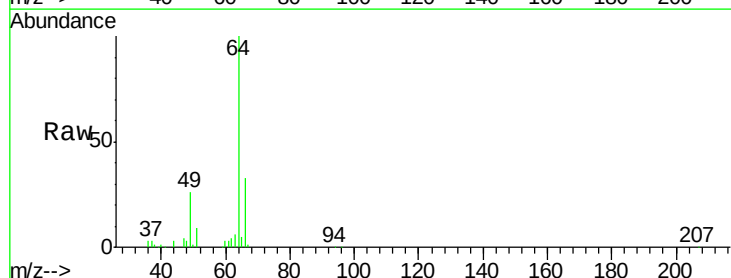
Acq: 01 Apr 2020 21:38

Tgt Ion: 64 Resp: 52145

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.82

25000

20000

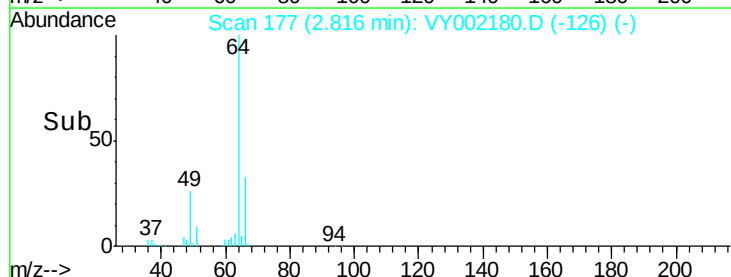
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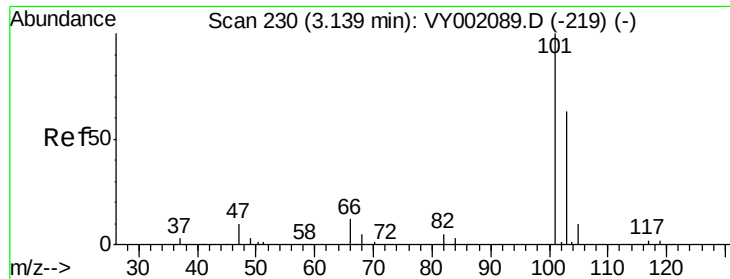
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5000

0

Time-->





#7

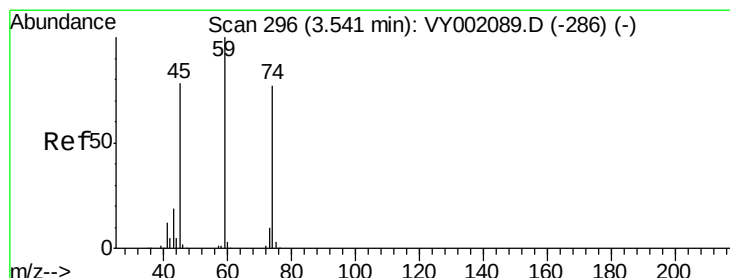
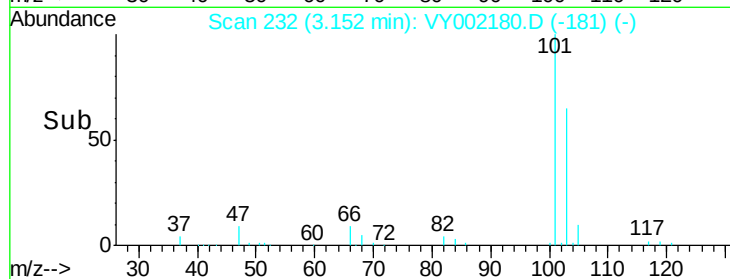
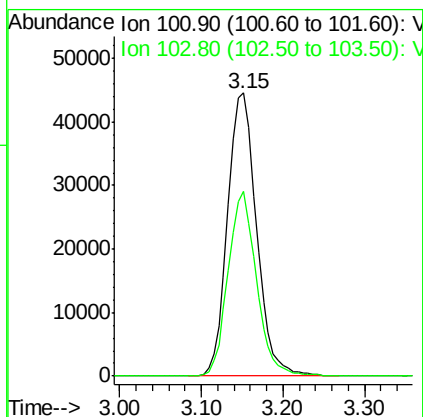
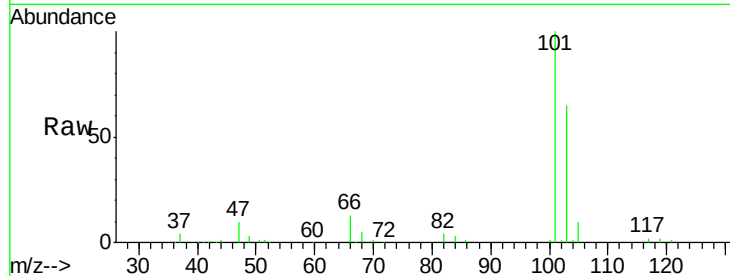
Trichlorofluoromethane
Concen: 47.860 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	109258		
103	65.1	50.6	76.0	

Manual Integrations
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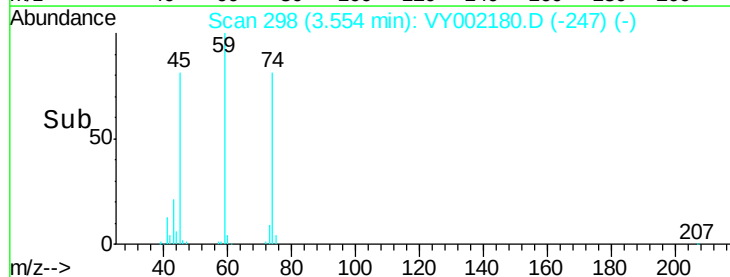
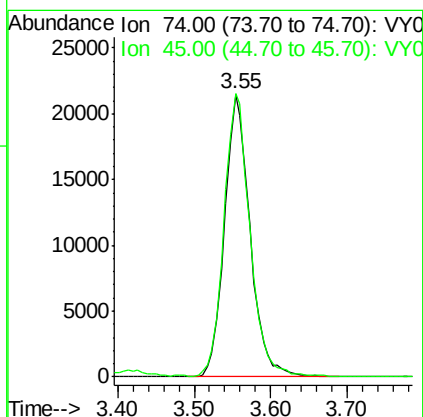
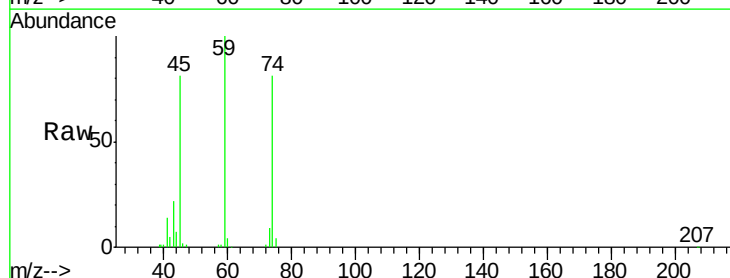
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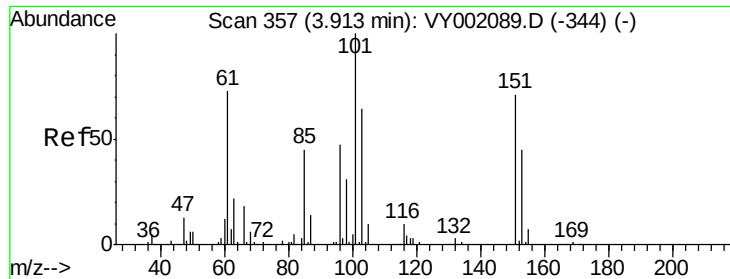


#8

Diethyl Ether
Concen: 51.130 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	49438		
45	102.6	51.0	153.0	





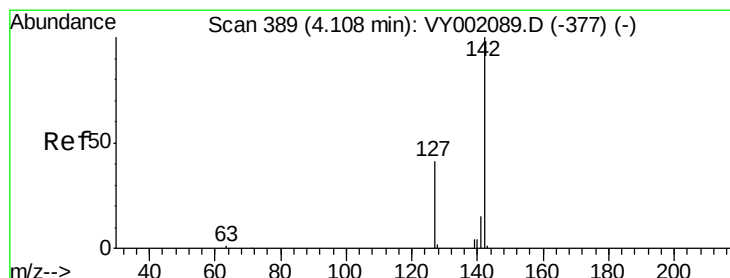
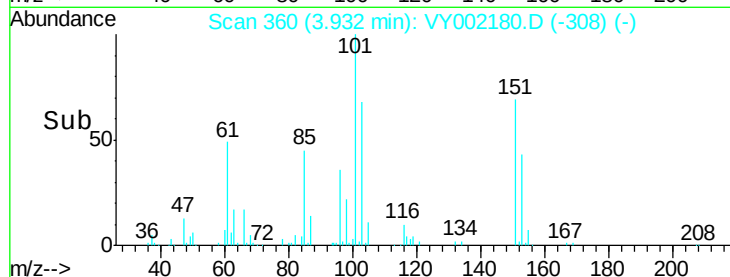
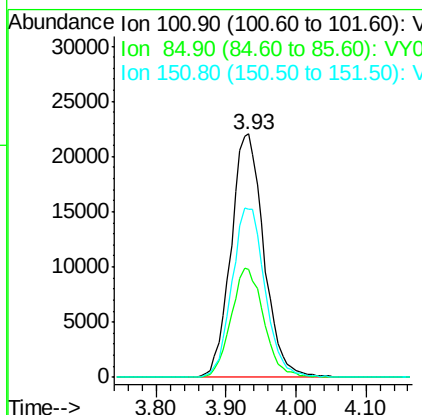
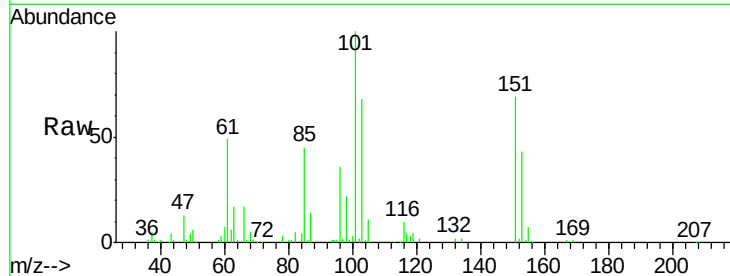
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.085 ug/l
 RT: 3.93 min Scan# 360
 Delta R.T. 0.02 min
 Lab File: VY002180.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.9	53.9
151	69.8	57.5	86.3

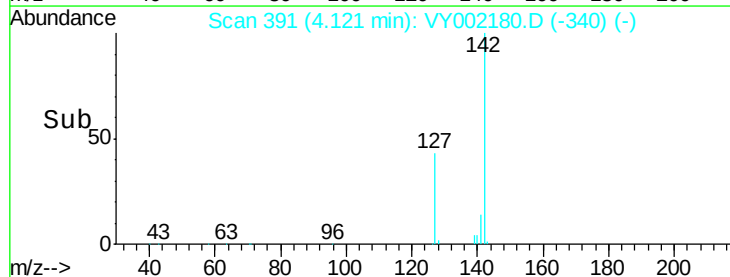
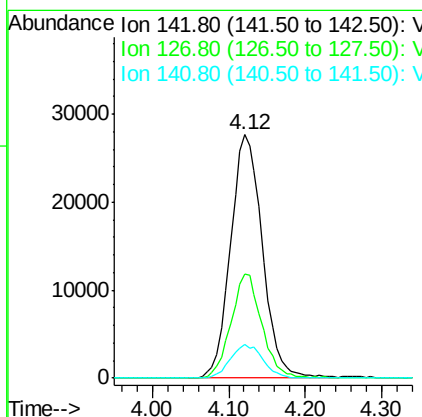
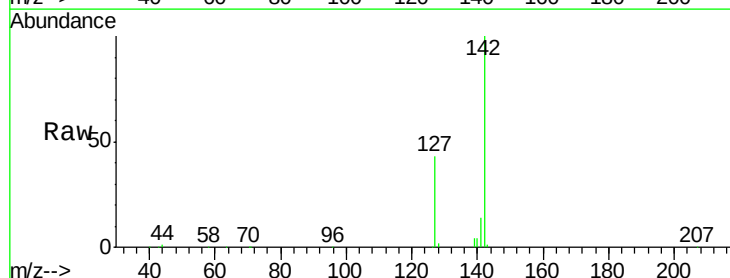
Manual Integrations
 APPROVED

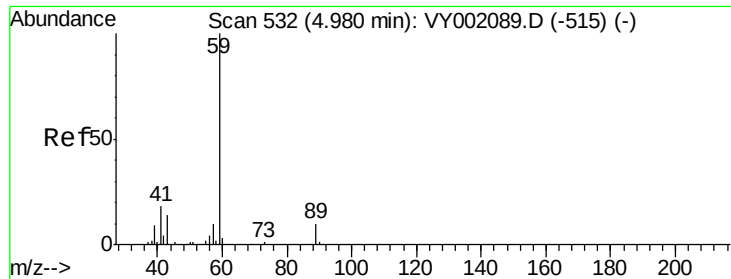
MMDadoda
 4/2/2020 10:12:47 AM



#10
 Methyl Iodide
 Concen: 44.757 ug/l
 RT: 4.12 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	32.6	49.0
141	13.9	11.4	17.0





#11

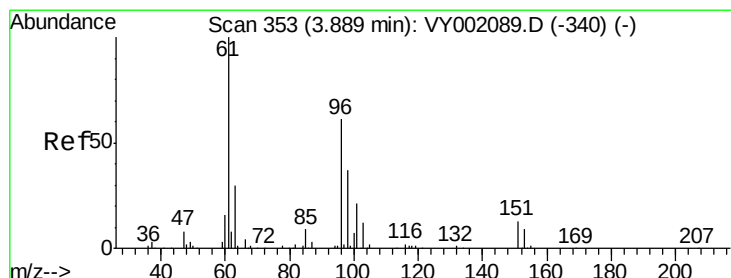
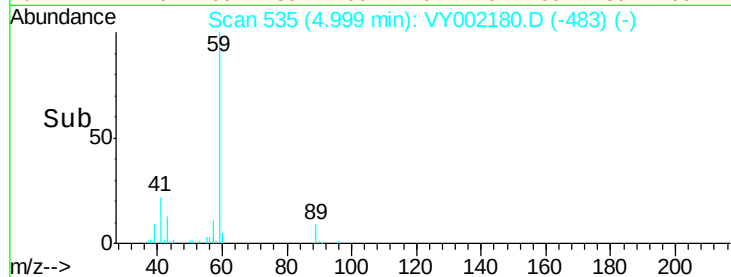
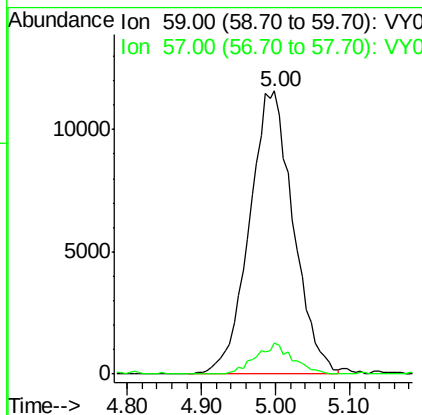
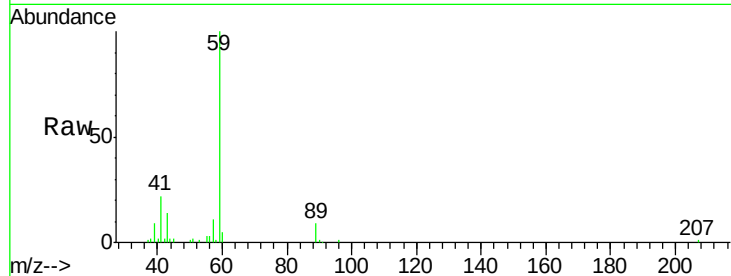
Tert butyl alcohol
Concen: 261.681 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	47781
Ion Ratio	100	Lower	Upper
57	9.2	7.7	11.5

Manual Integrations
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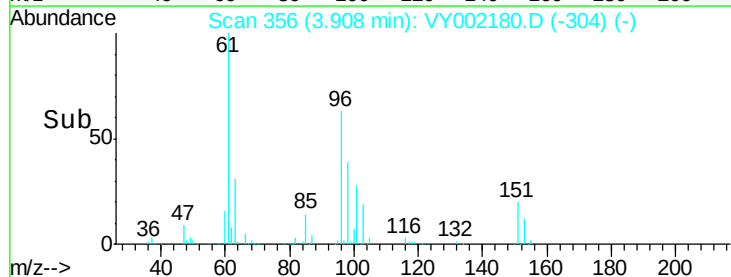
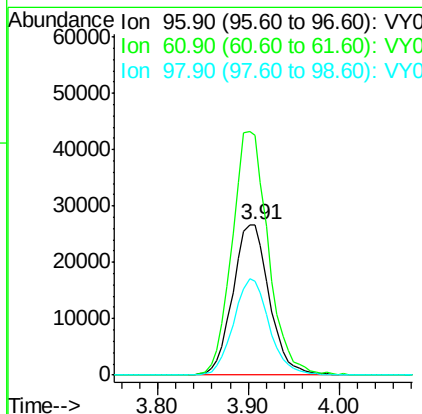
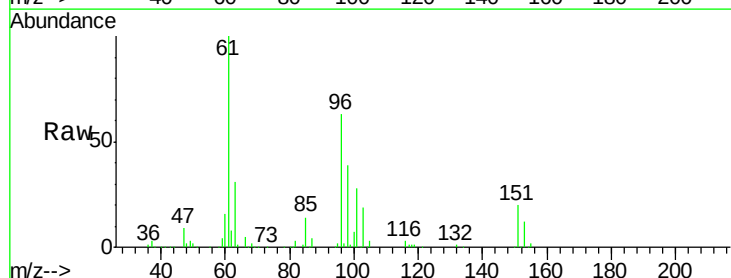
MMDadoda
4/2/2020 10:12:47 AM

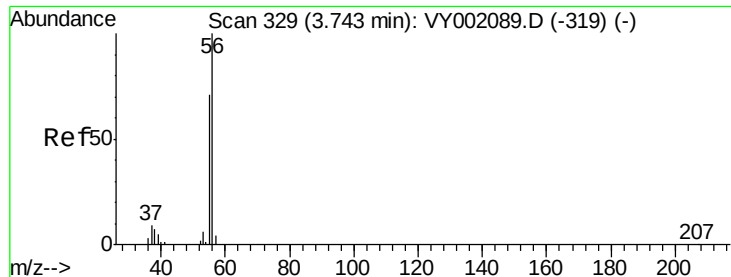


#12

1,1-Dichloroethene
Concen: 49.026 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	96	Resp	74562
Ion Ratio	100	Lower	Upper
61	159.8	132.0	198.0
98	62.5	49.4	74.0





#13

Acrolein

Concen: 309.076 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 70535

Ion Ratio Lower Upper

56 100

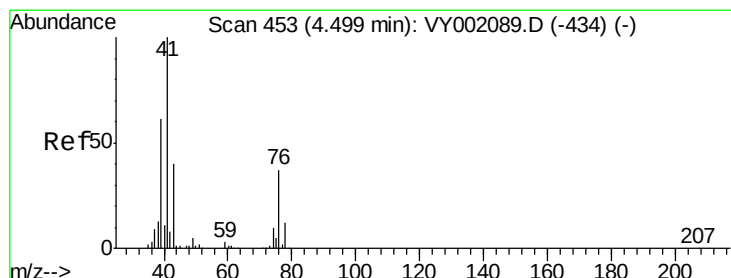
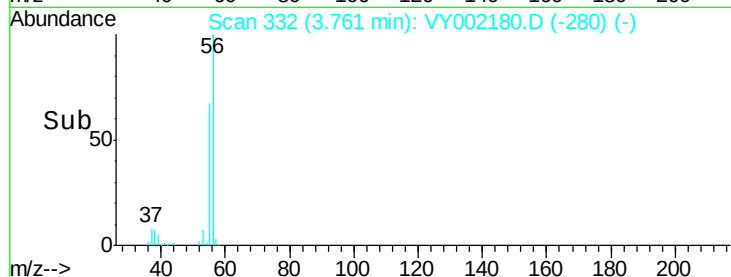
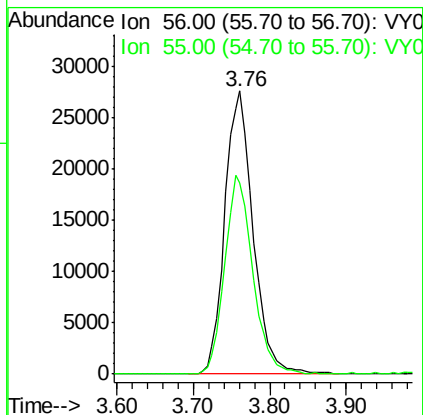
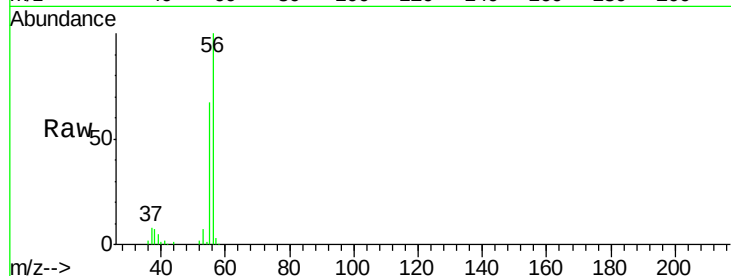
55 70.2 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 49.988 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

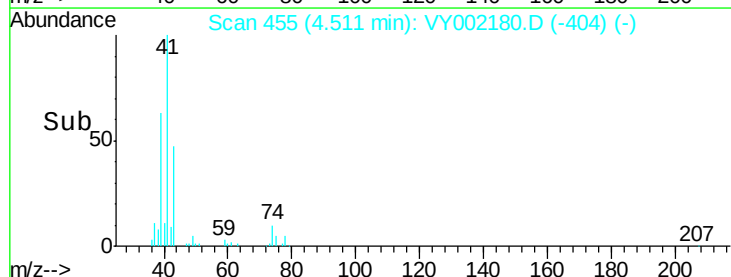
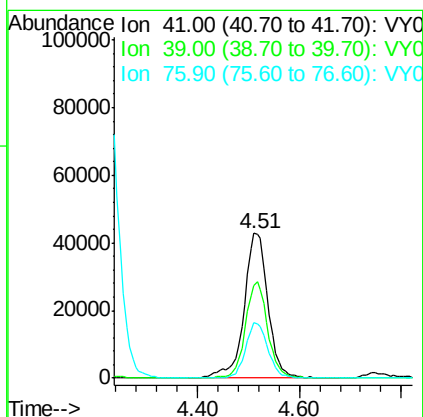
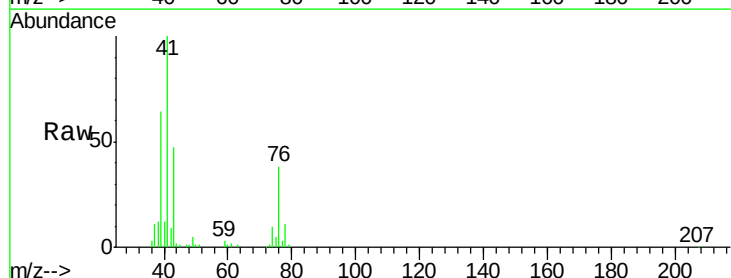
Tgt Ion: 41 Resp: 139177

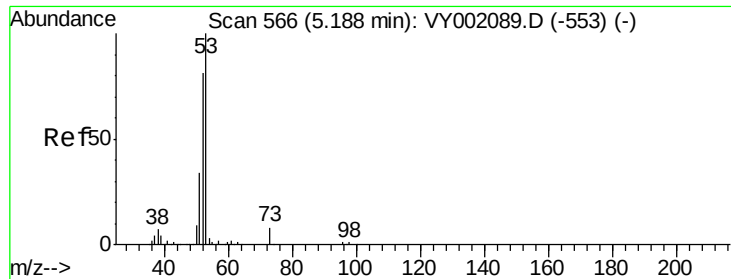
Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.4

76 35.4 27.8 41.8





#15

Acrylonitrile

Concen: 279.810 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

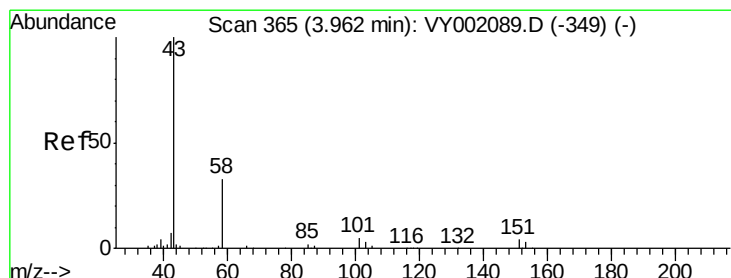
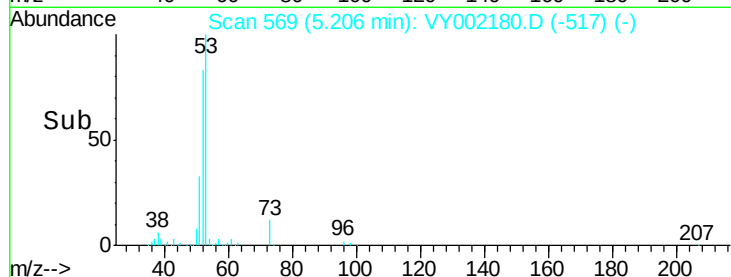
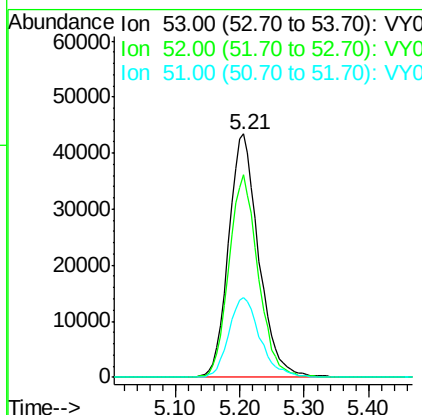
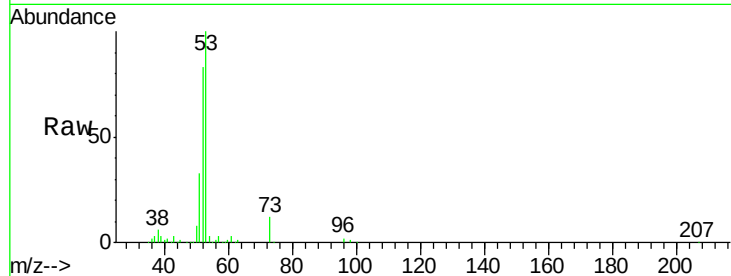
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	141805
Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.6	97.0
51	34.2	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 225.591 ug/l

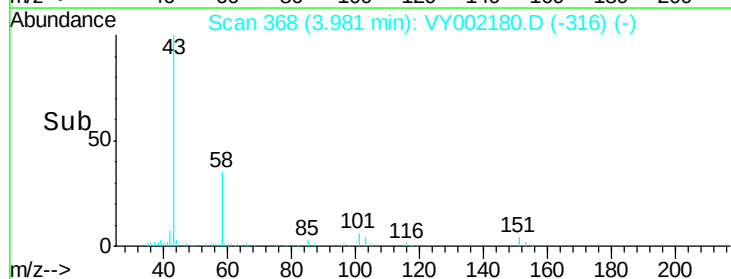
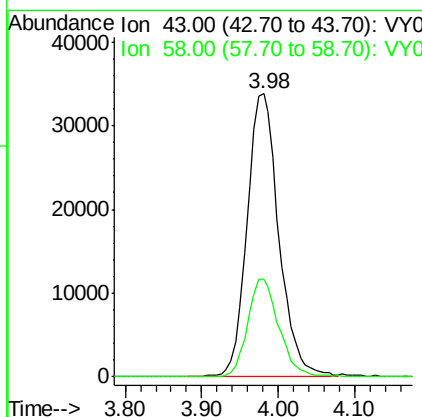
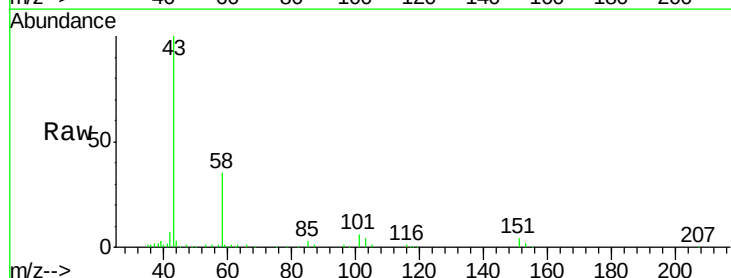
RT: 3.98 min Scan# 368

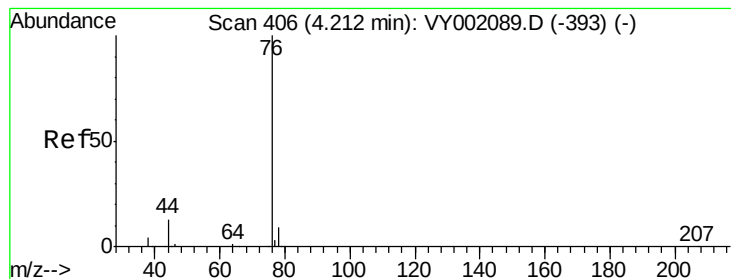
Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion:	43	Resp:	98203
Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.3	39.5





#17

Carbon Disulfide

Concen: 47.446 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 239469

Ion Ratio Lower Upper

76 100

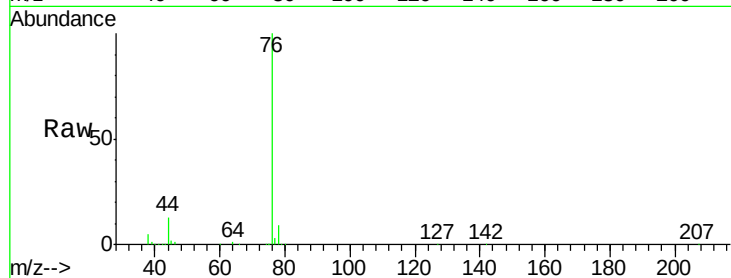
78 8.9 7.3 10.9

Manual Integrations

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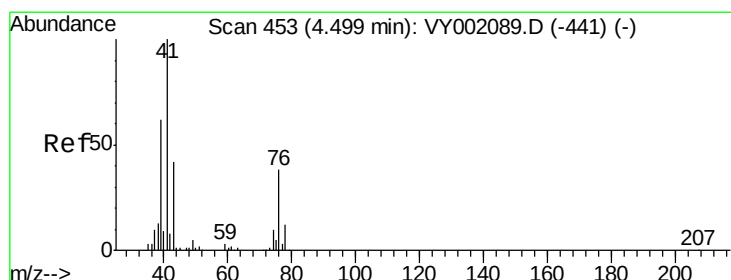
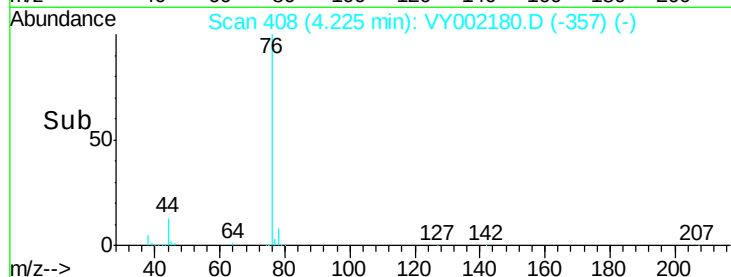
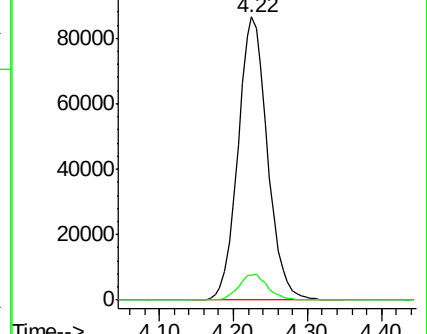
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 53.167 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002180.D

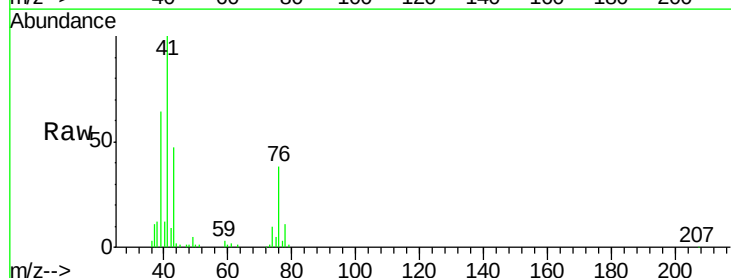
Acq: 01 Apr 2020 21:38

Tgt Ion: 43 Resp: 60100

Ion Ratio Lower Upper

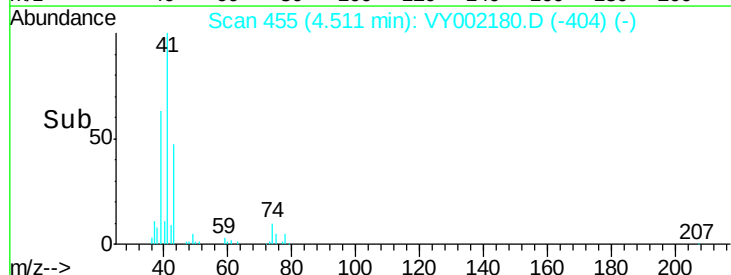
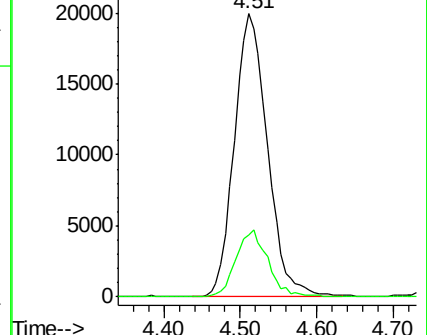
43 100

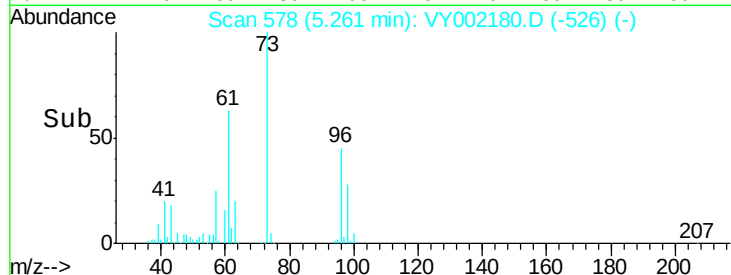
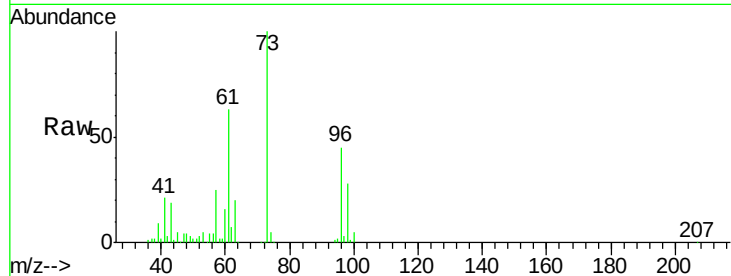
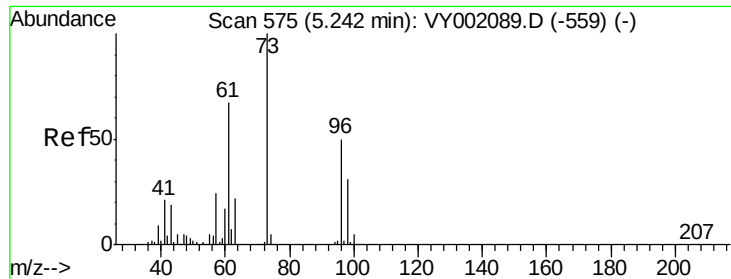
74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





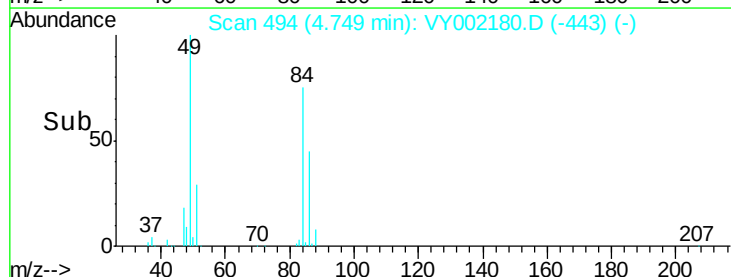
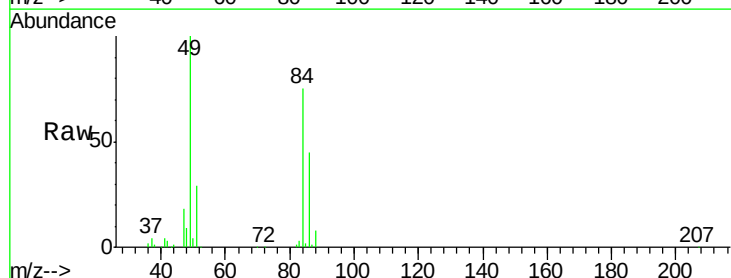
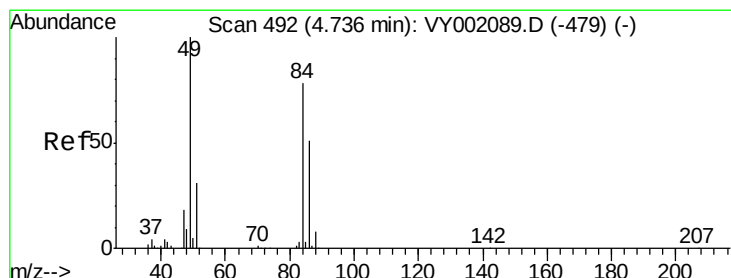
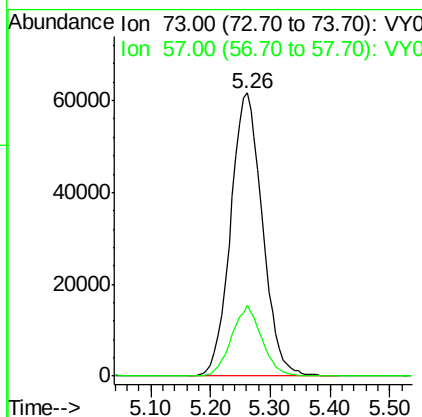
#19
Methyl tert-butyl Ether
Concen: 53.797 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tot Ion: 73 Resp: 228245
Ion Ratio Lower Upper
73 100
57 25.0 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

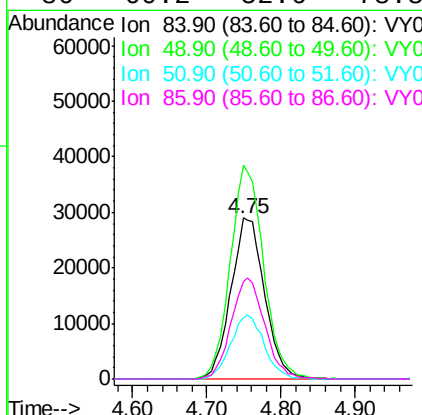
Manual Integrations
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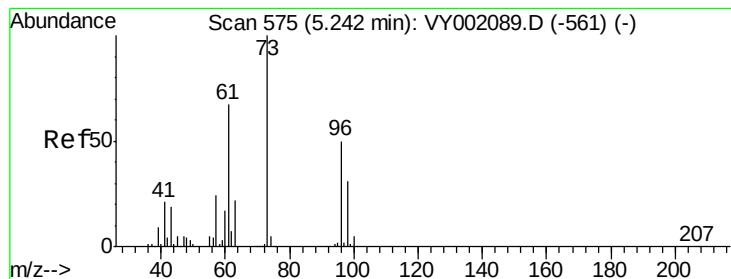
MMDadoda
4/2/2020 10:12:47 AM



#20
Methylene Chloride
Concen: 51.263 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion: 84 Resp: 92157
Ion Ratio Lower Upper
84 100
49 132.5 102.2 153.4
51 38.4 31.2 46.8
86 60.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.986 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

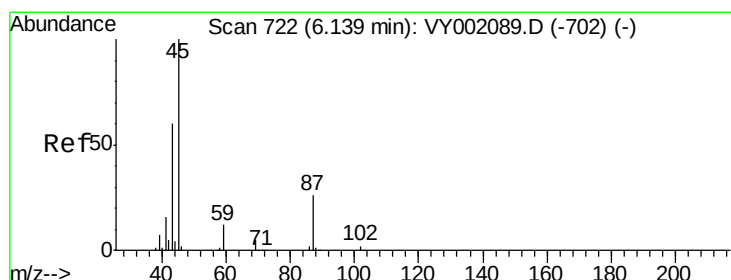
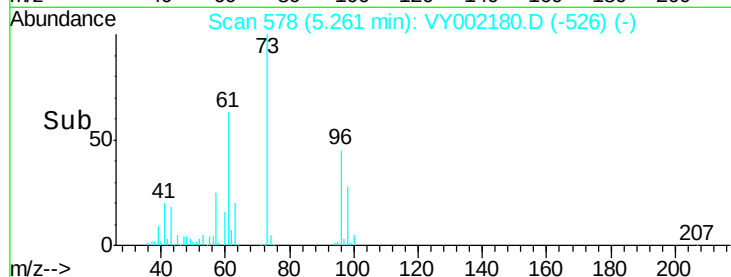
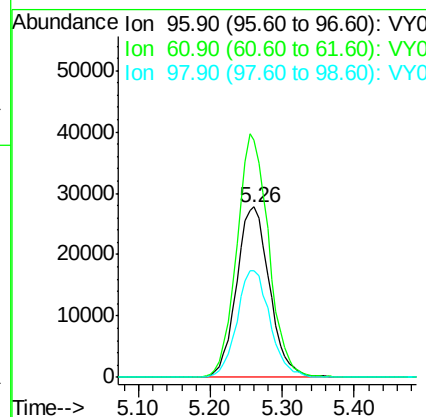
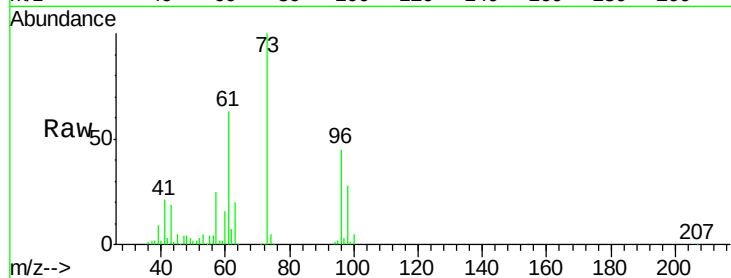
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	88290
Ion	Ratio	Lower	Upper
96	100		
61	138.9	107.7	161.5
98	62.2	50.5	75.7

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#22

Diisopropyl ether

Concen: 52.775 ug/l

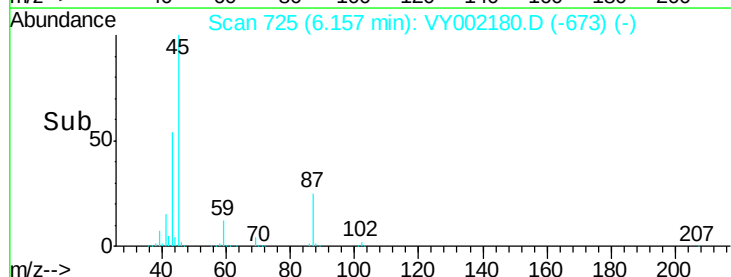
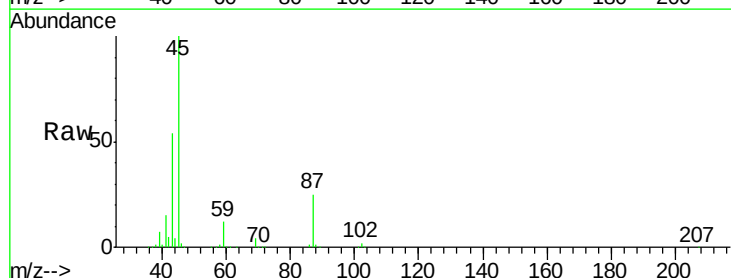
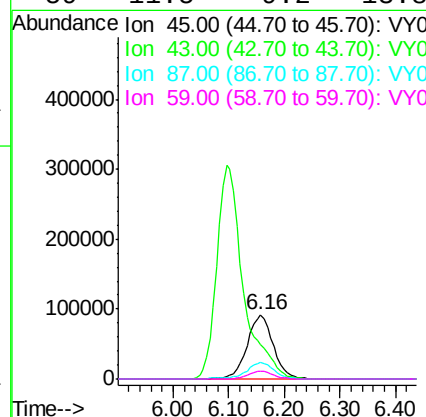
RT: 6.16 min Scan# 725

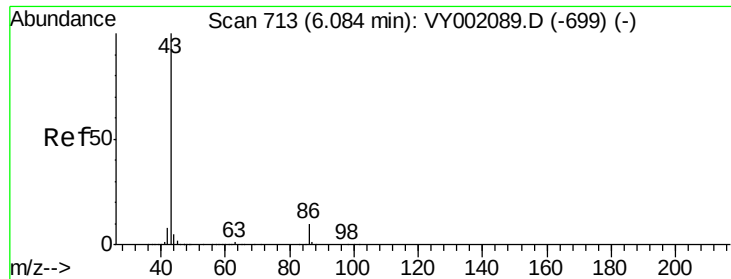
Delta R.T. 0.02 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion:	45	Resp:	300703
Ion	Ratio	Lower	Upper
45	100		
43	53.9	48.1	72.1
87	25.1	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 271.118 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1012965

Ion Ratio Lower Upper

43 100

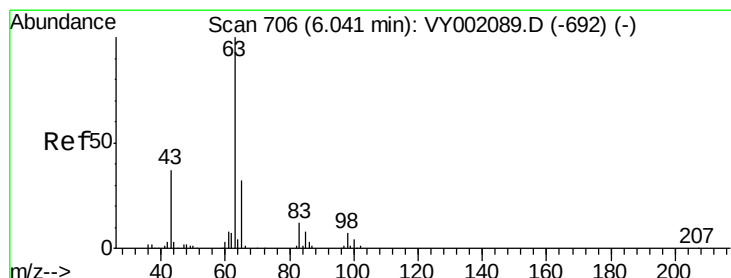
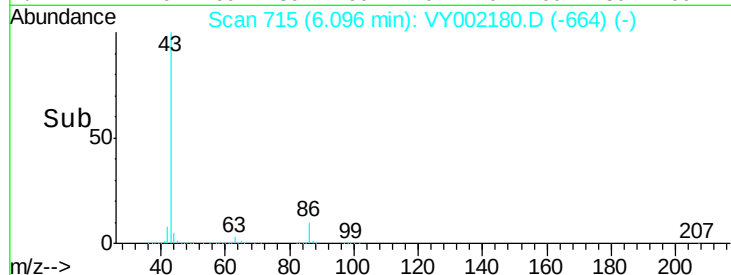
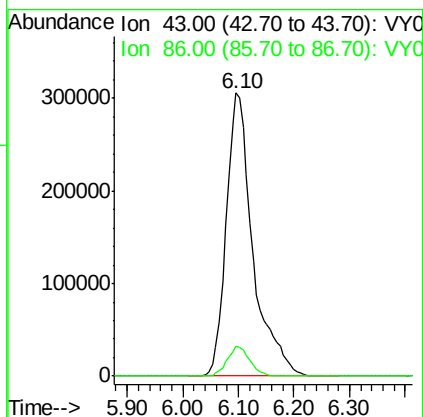
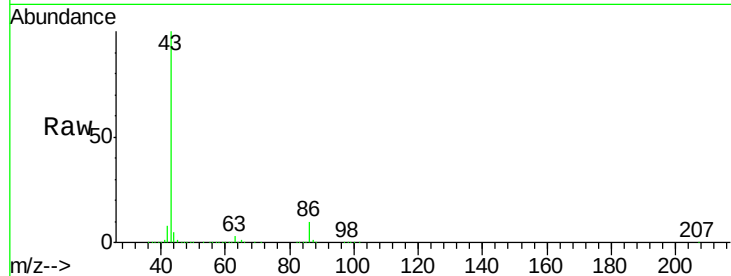
86 10.4 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 52.037 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

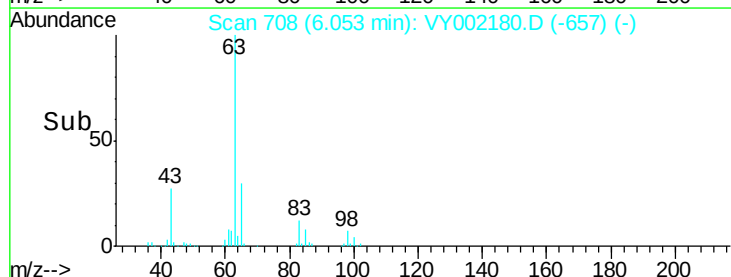
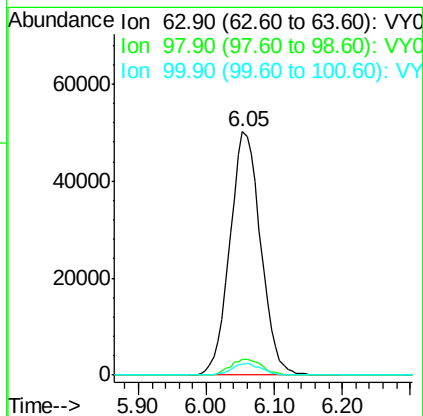
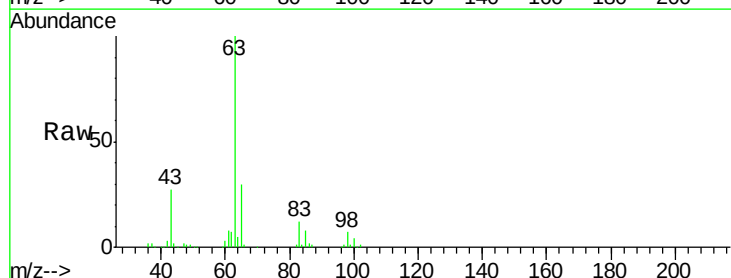
Tgt Ion: 63 Resp: 157646

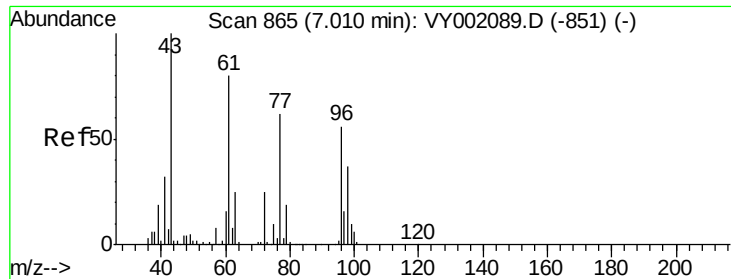
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 266.032 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 177823

Ion Ratio Lower Upper

43 100

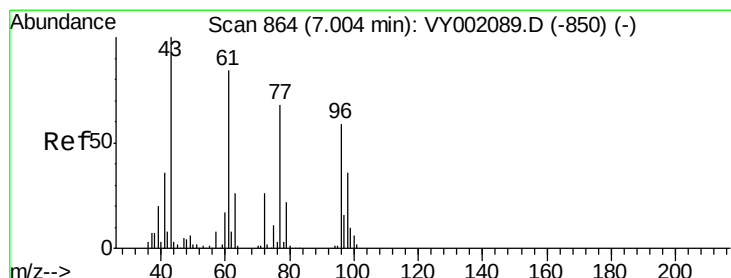
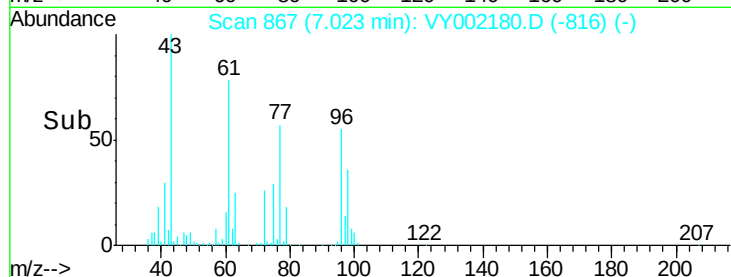
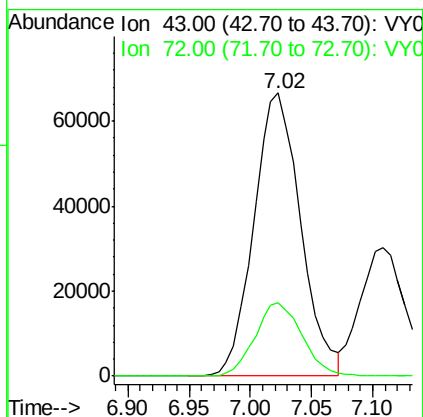
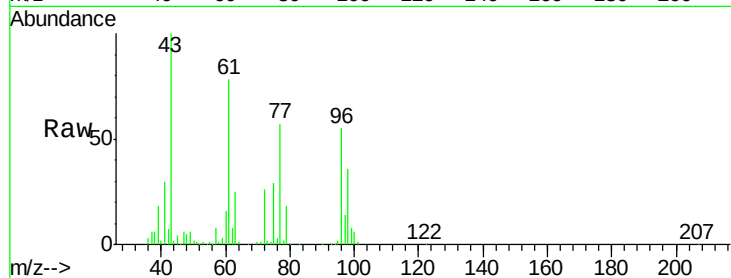
72 26.0 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 48.127 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002180.D

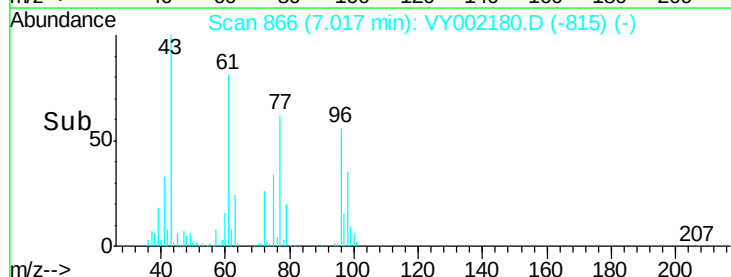
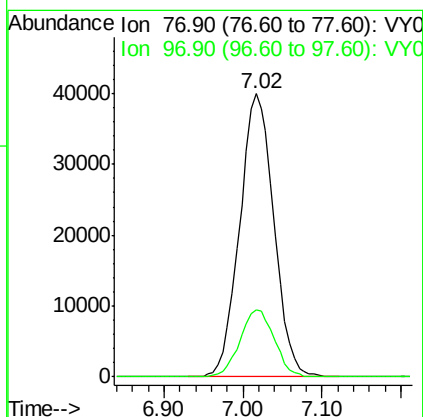
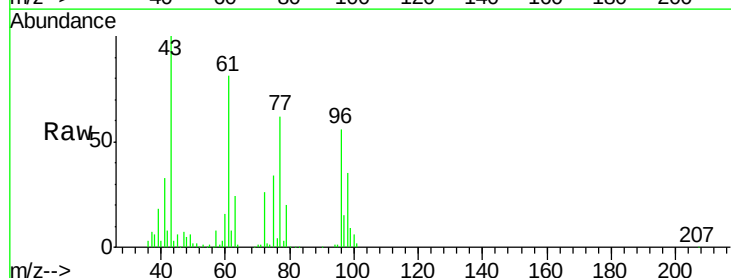
Acq: 01 Apr 2020 21:38

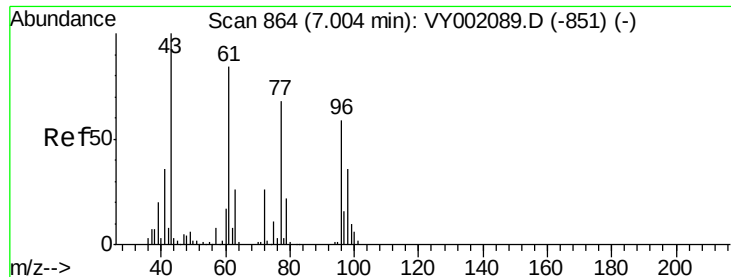
Tgt Ion: 77 Resp: 120080

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

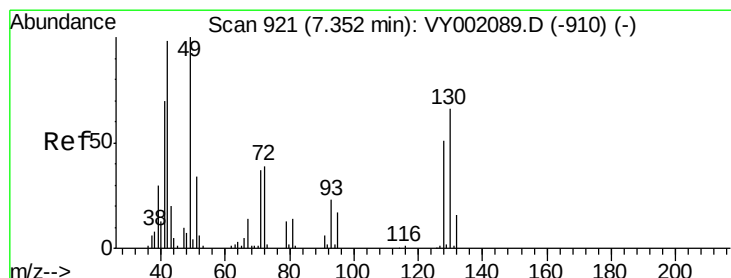
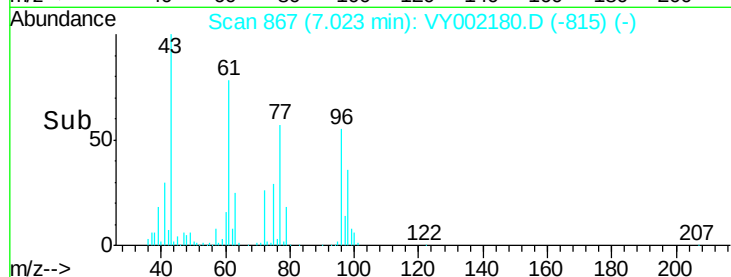
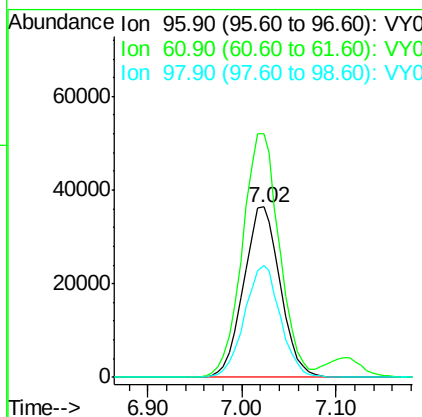
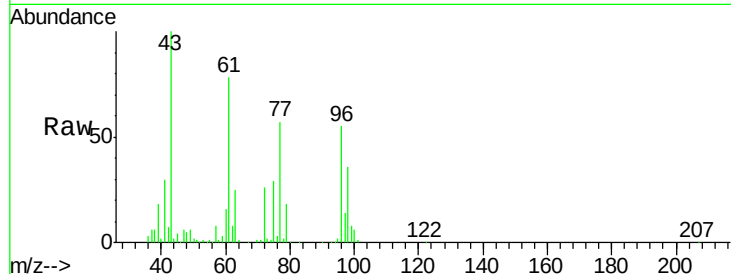
cis-1,2-Dichloroethene
 Concen: 52.152 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.02 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.8	0.0	290.6	
98	64.3	0.0	128.0	

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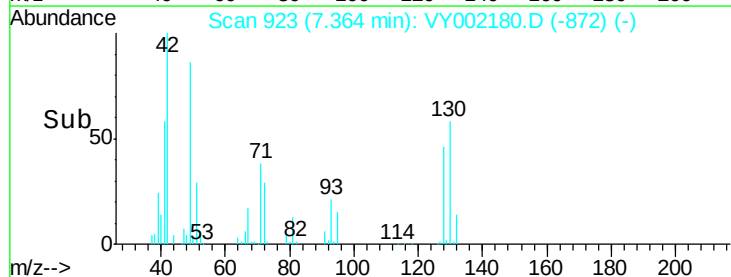
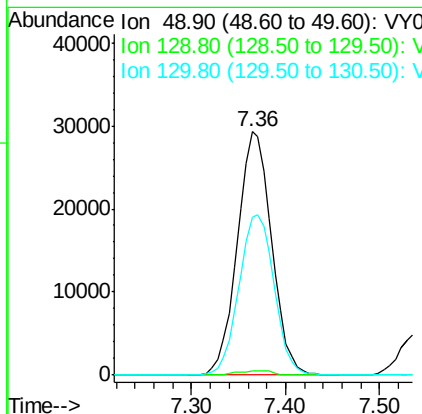
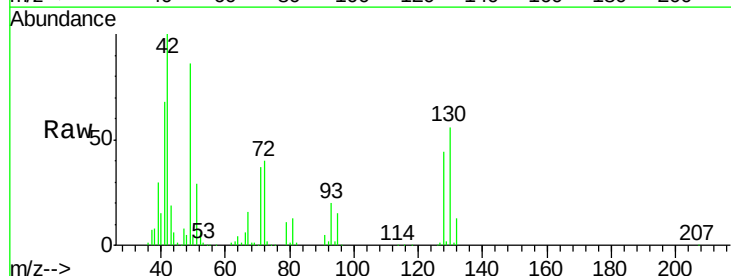
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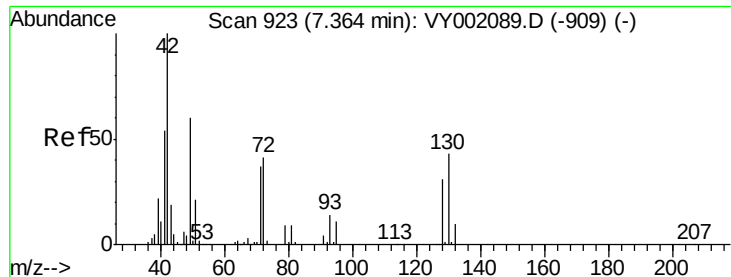


#28

Bromochloromethane
 Concen: 53.520 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.4	
130	67.7	54.1	81.1	





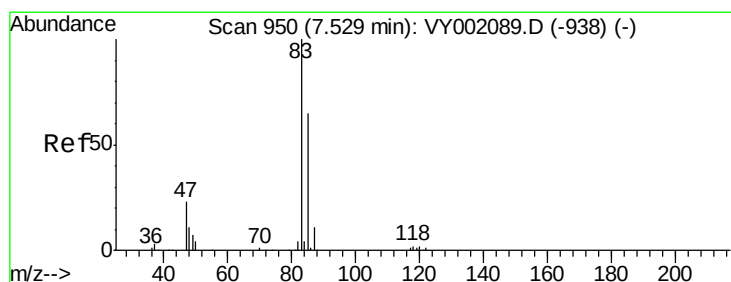
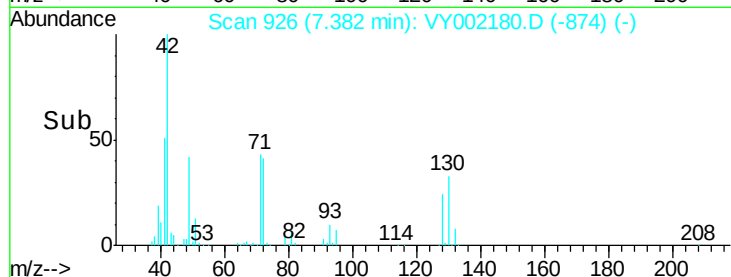
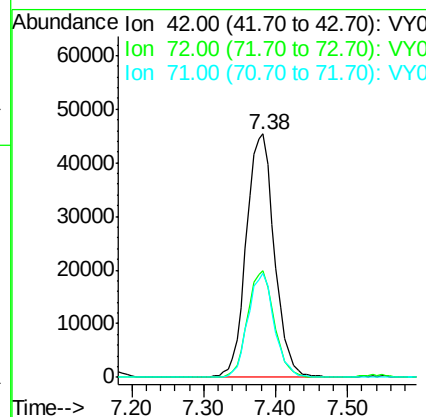
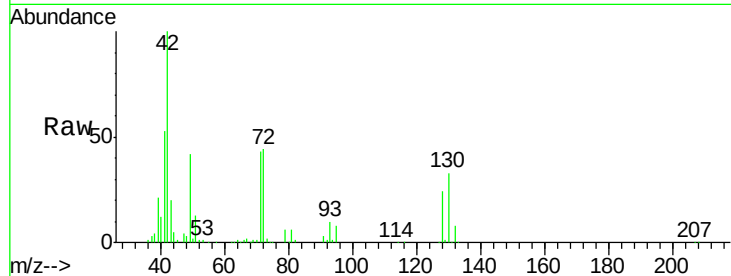
#29
Tetrahydrofuran
Concen: 279.745 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.0	49.4
71	40.2	31.2	46.8

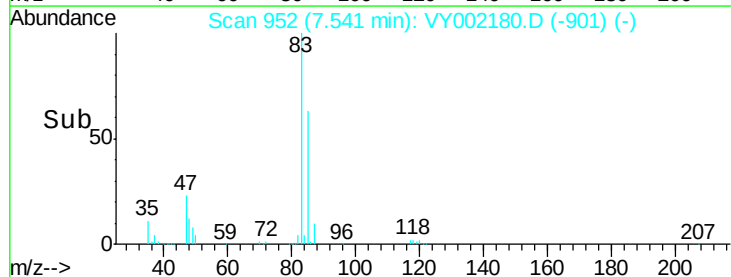
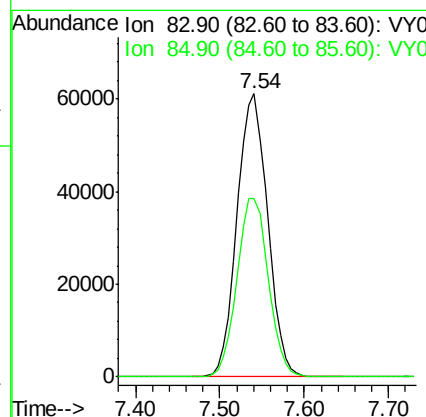
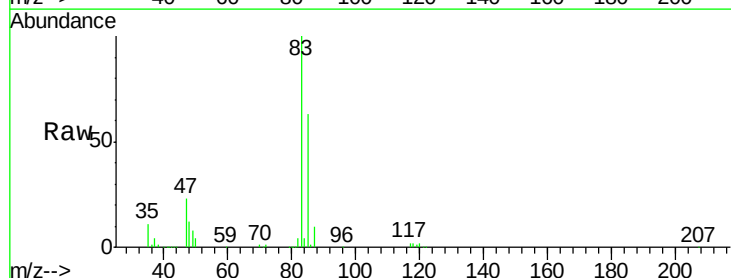
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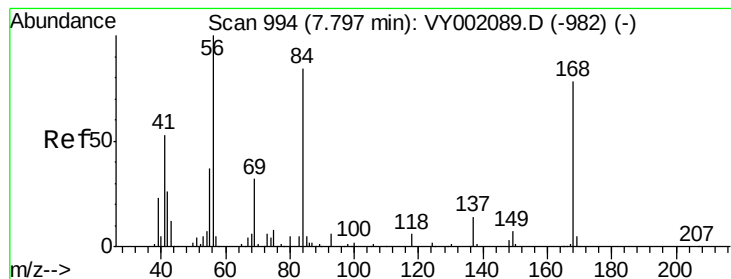
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#30
Chloroform
Concen: 52.284 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.4	78.6





#31

Cyclohexane

Concen: 47.383 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

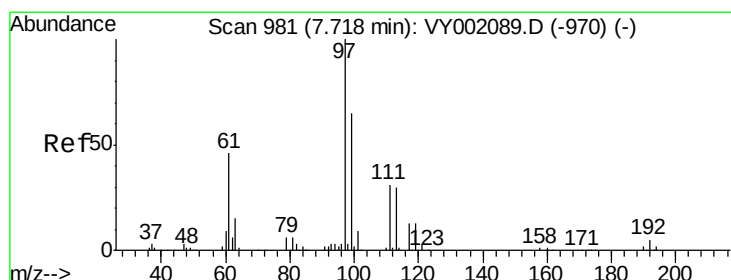
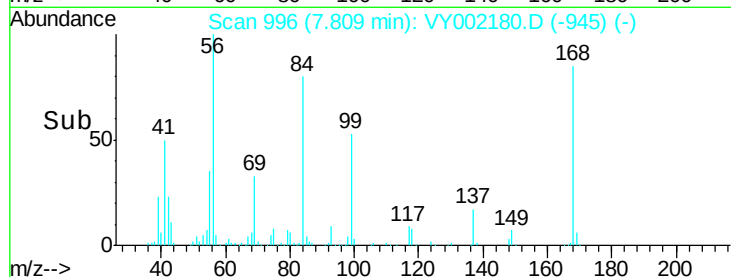
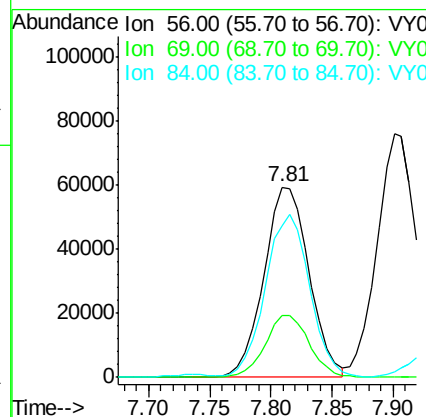
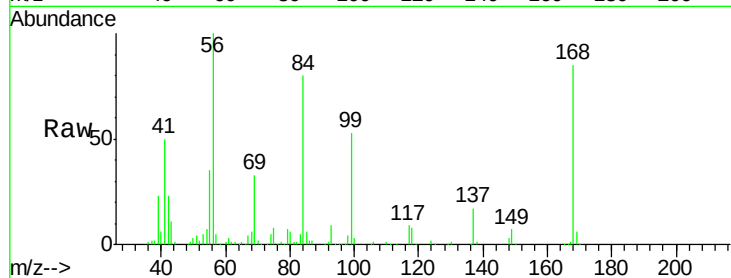
ClientSampleId :

VSTDCCC050EC

Tot Ion	56	Resp	152958
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.8	38.8
84	78.4	67.1	100.7

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#32

1,1,1-Trichloroethane

Concen: 51.006 ug/l

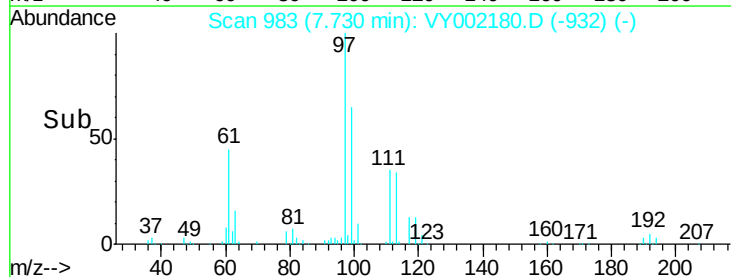
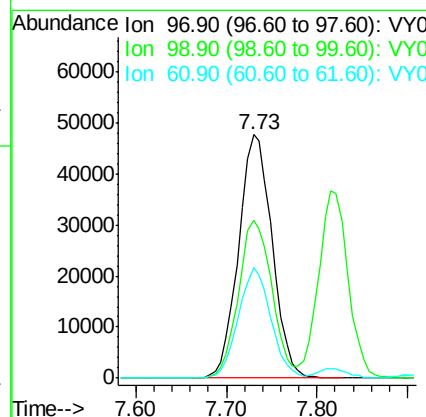
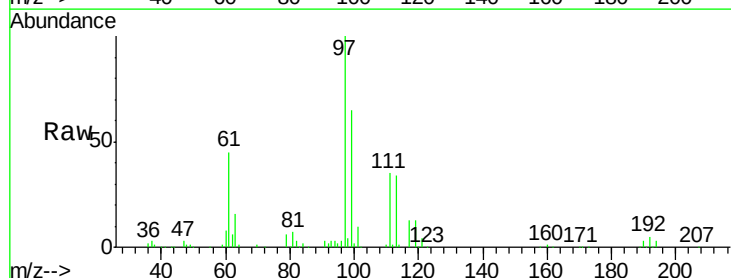
RT: 7.73 min Scan# 983

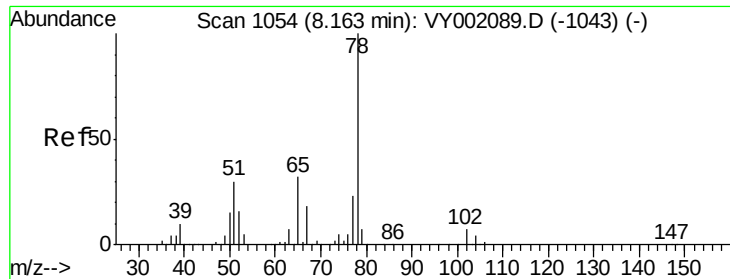
Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion	97	Resp	122287
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	44.0	35.7	53.5





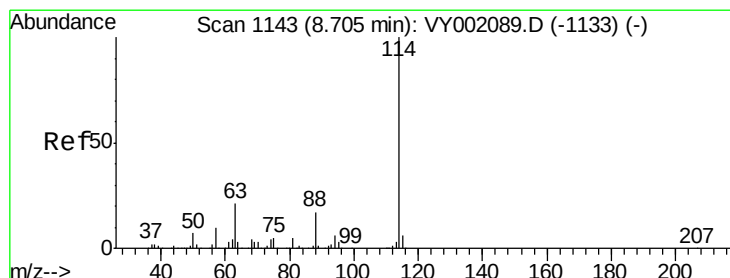
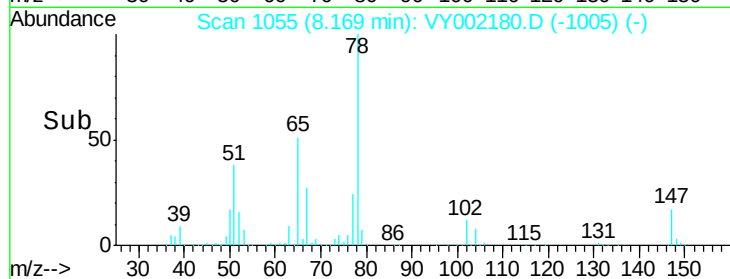
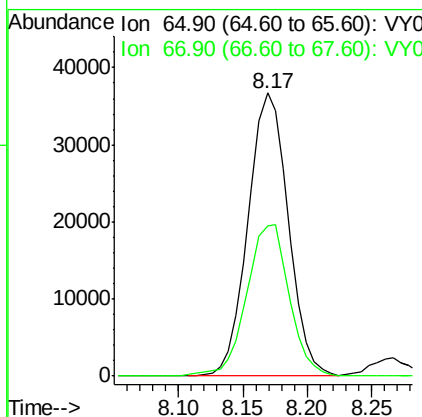
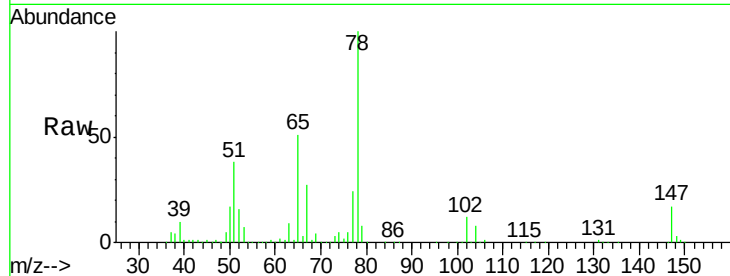
#33
 1,2-Dichloroethane-d4
 Concen: 51.340 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.9	0.0	112.8

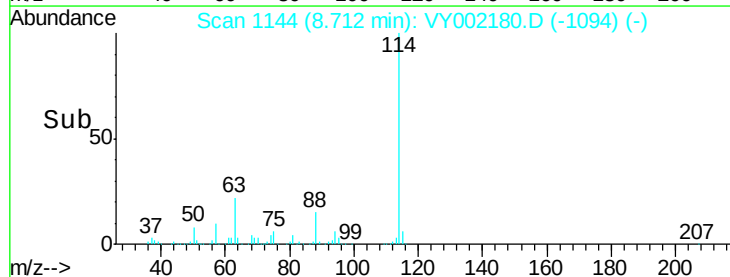
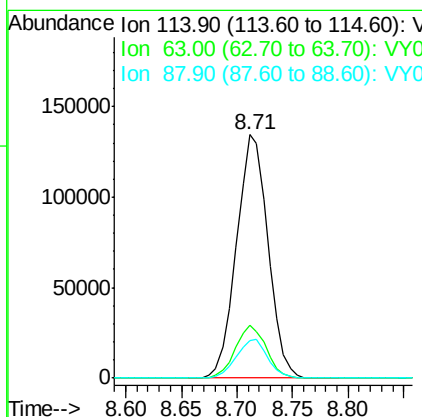
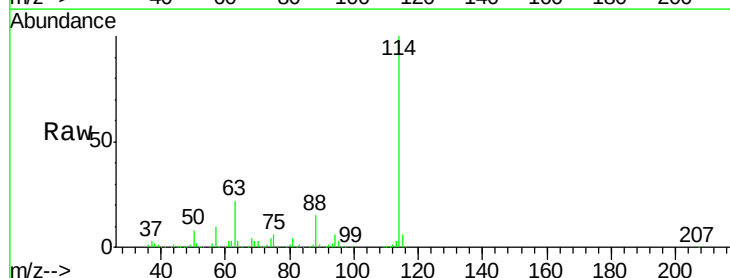
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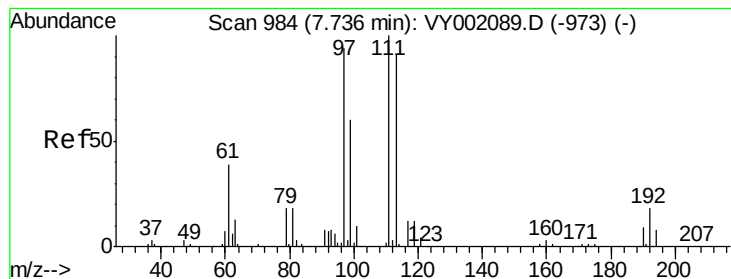
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.4
88	15.4	0.0	33.0





#35

Dibromofluoromethane

Concen: 50.075 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

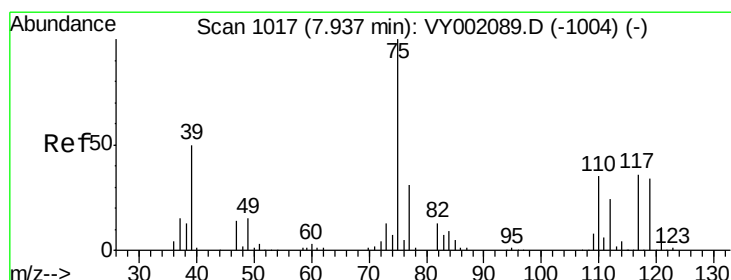
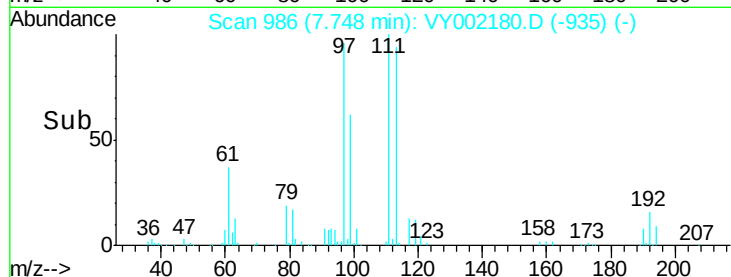
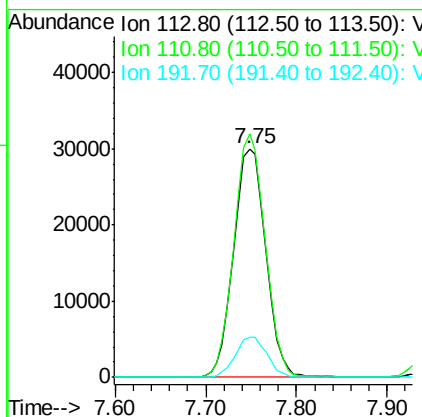
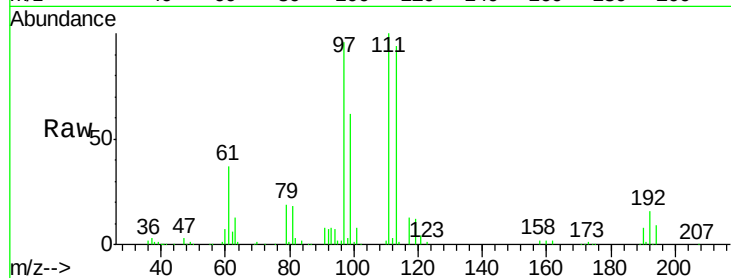
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	74077
Ion	Ratio	Lower	Upper
113	100		
111	103.7	84.4	126.6
192	17.3	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 48.385 ug/l

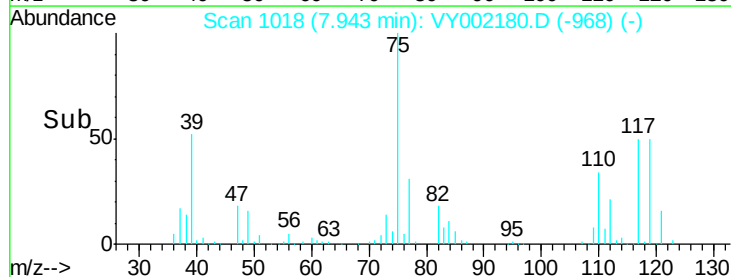
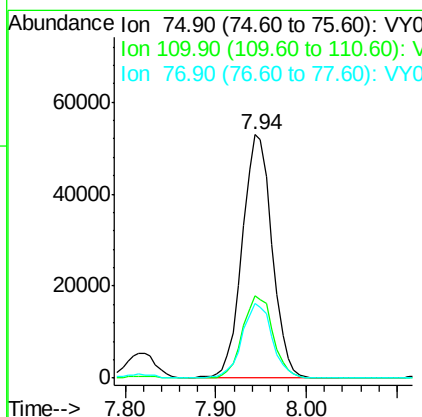
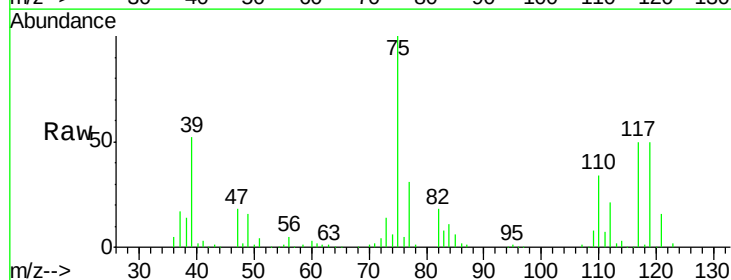
RT: 7.94 min Scan# 1018

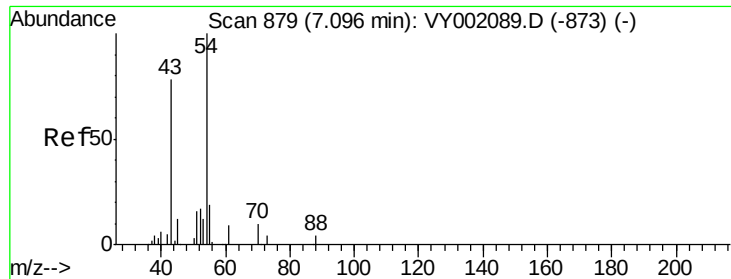
Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion:	75	Resp:	120828
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.2	51.6
77	30.9	24.7	37.1





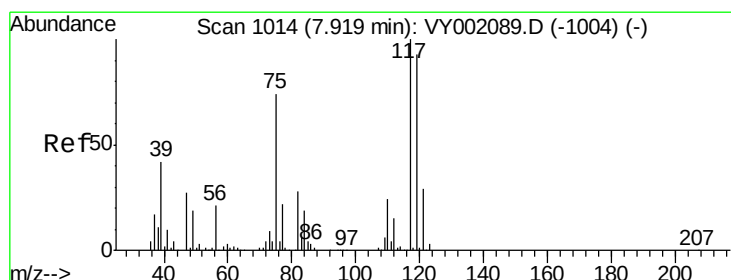
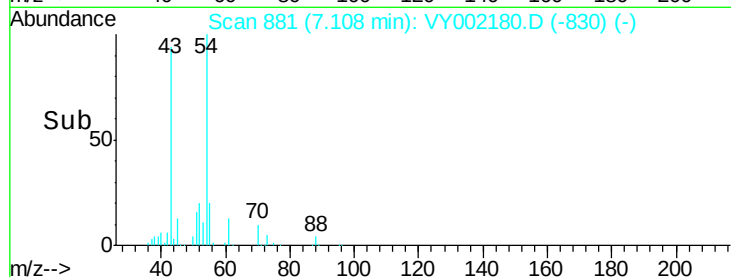
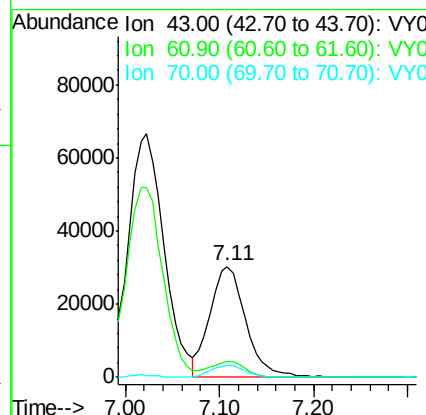
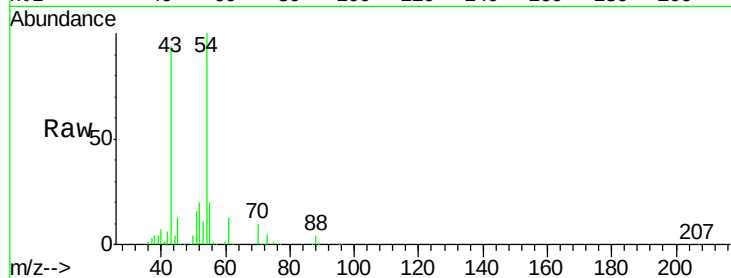
#37
Ethyl Acetate
Concen: 53.071 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.2	16.8
70	10.7	8.2	12.4

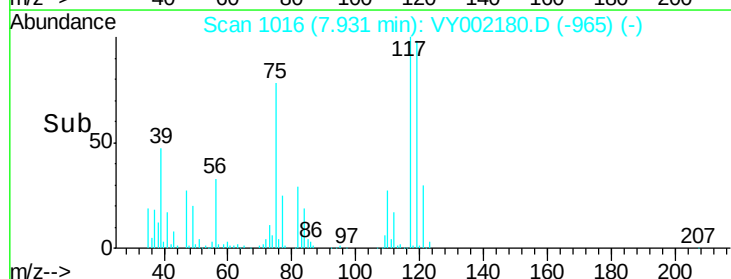
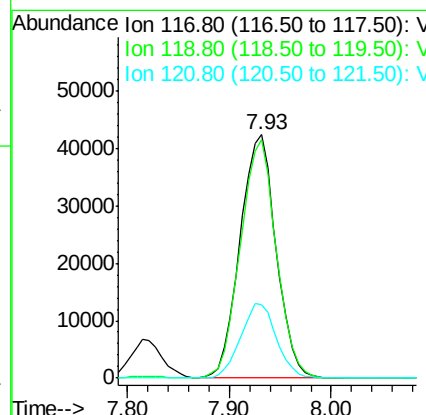
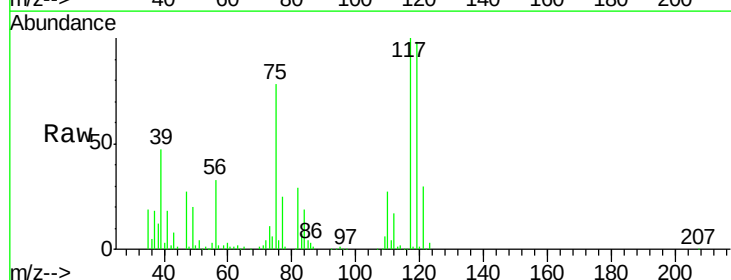
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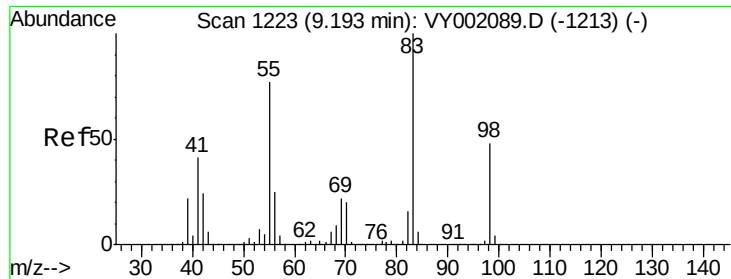
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#38
Carbon Tetrachloride
Concen: 49.107 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	74.3	111.5
121	30.1	23.3	34.9





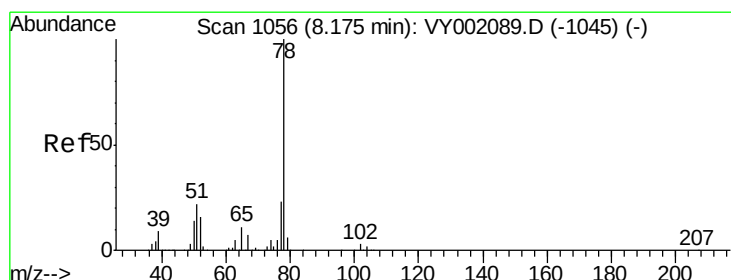
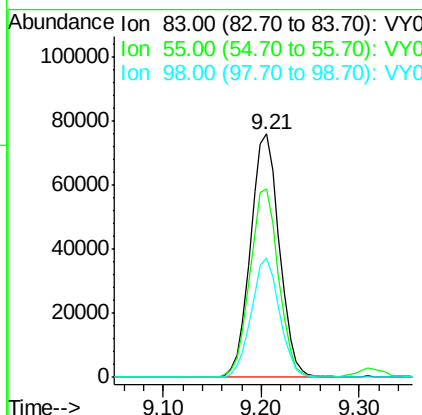
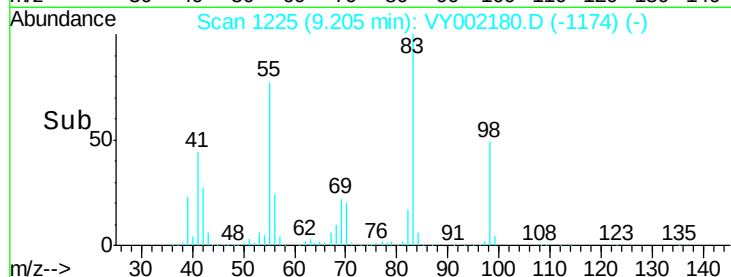
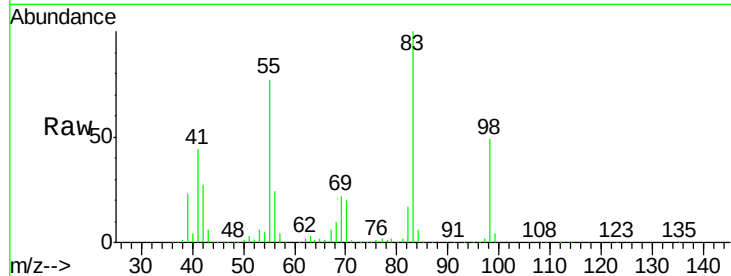
#39
Methylvlcyclohexane
Concen: 47.267 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	154828
Ion Ratio	100	Lower	Upper
83	100		
55	77.2	61.2	91.8
98	49.2	38.2	57.2

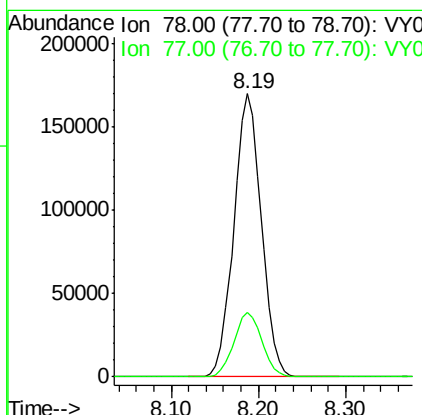
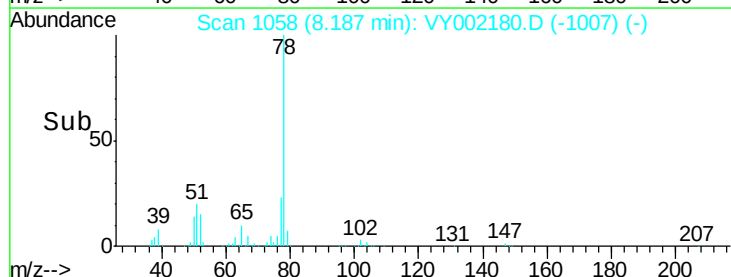
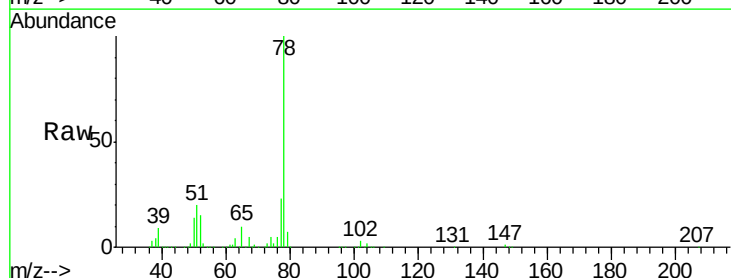
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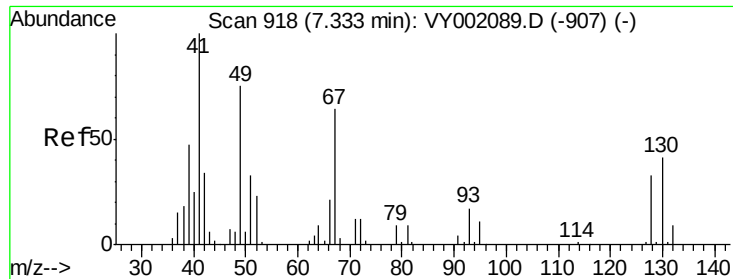
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#40
Benzene
Concen: 50.243 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	78	Resp	371648
Ion Ratio	100	Lower	Upper
78	100		
77	22.9	18.2	27.4





#41

Methacrylonitrile

Concen: 53.462 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002180.D

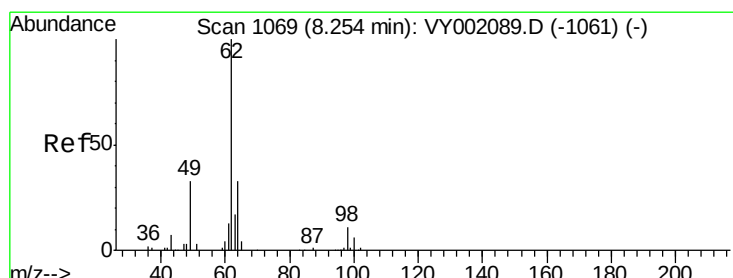
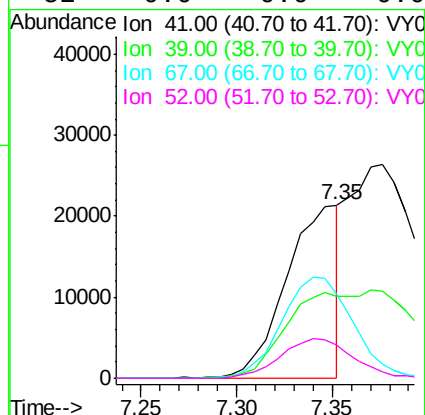
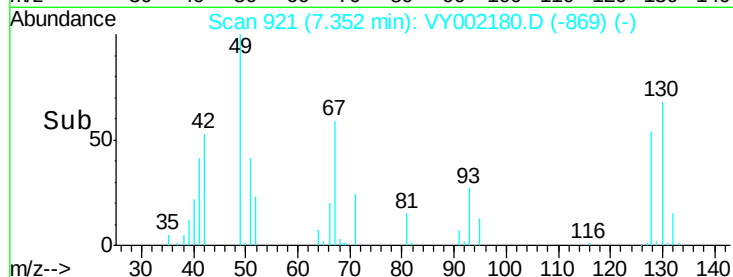
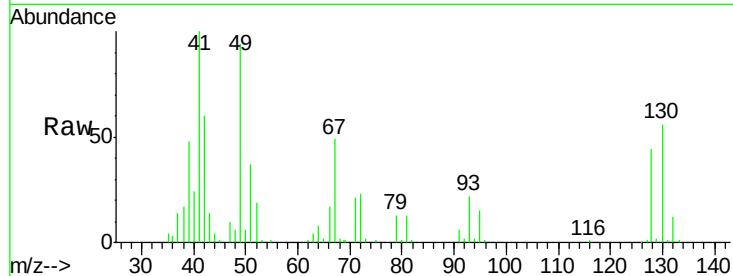
Acq: 01 Apr 2020 21:38

Tot Ion	41	Resp	40809
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

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#42

1,2-Dichloroethane

Concen: 50.762 ug/l

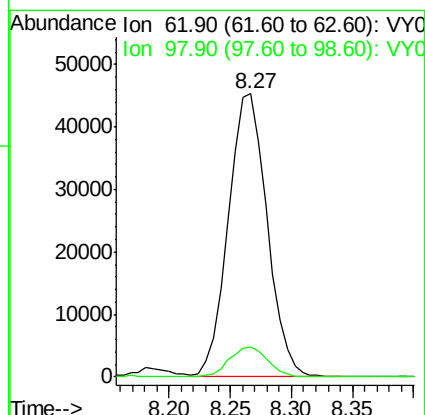
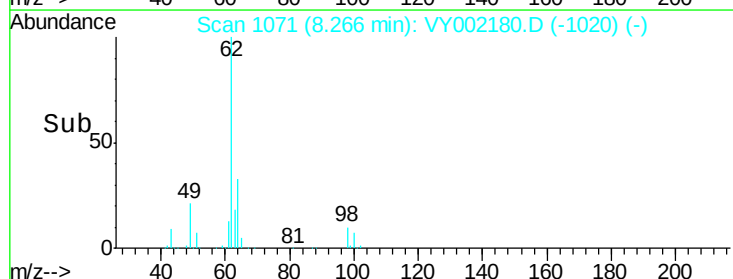
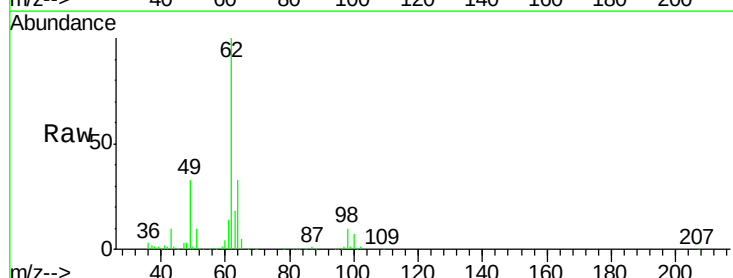
RT: 8.27 min Scan# 1071

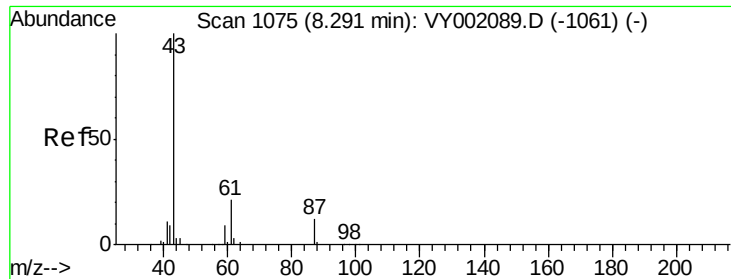
Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion	62	Resp	99689
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.2





#43

Isopropyl Acetate

Concen: 53.187 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

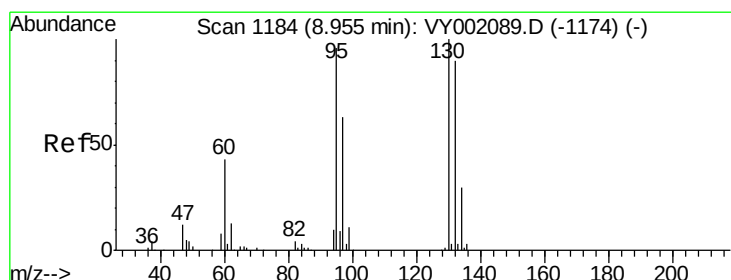
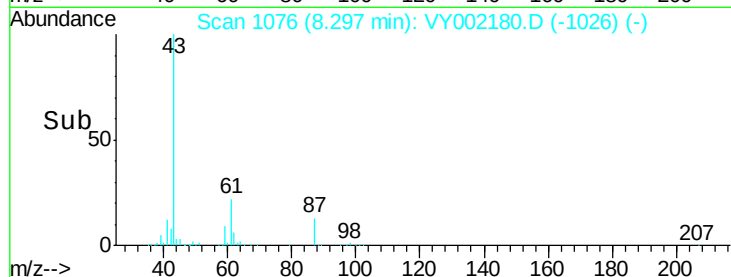
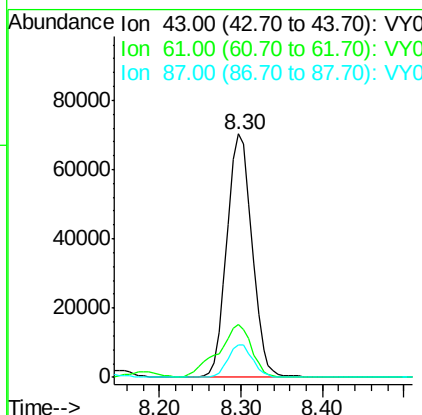
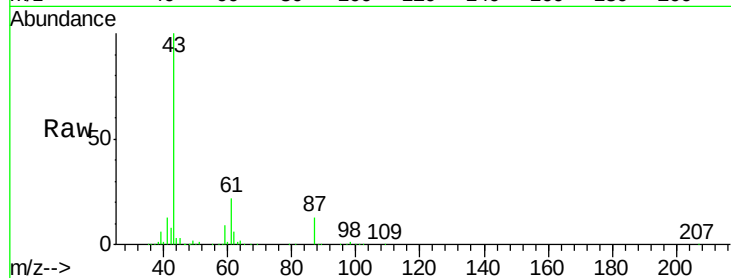
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	148972
Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.4	35.2
87	13.4	10.2	15.4

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#44

Trichloroethene

Concen: 49.654 ug/l

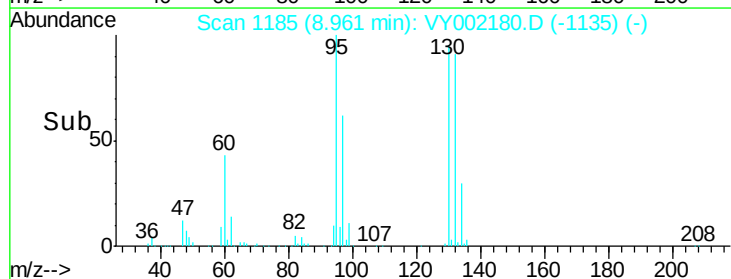
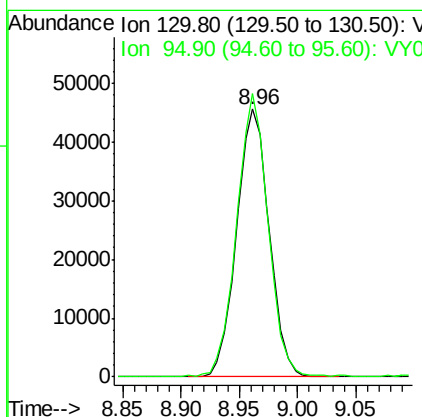
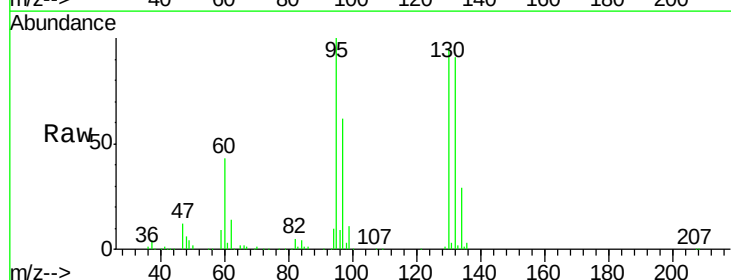
RT: 8.96 min Scan# 1185

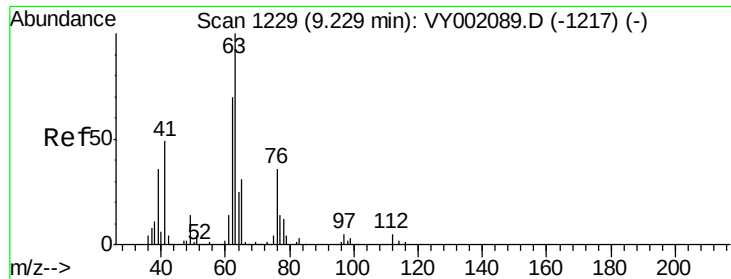
Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion:	130	Resp:	88537
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	193.0





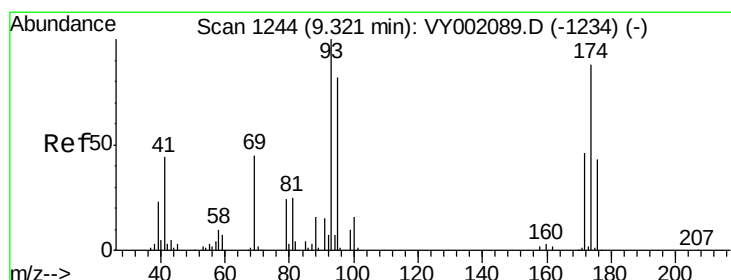
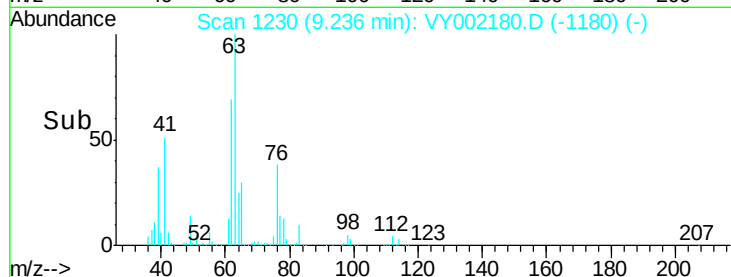
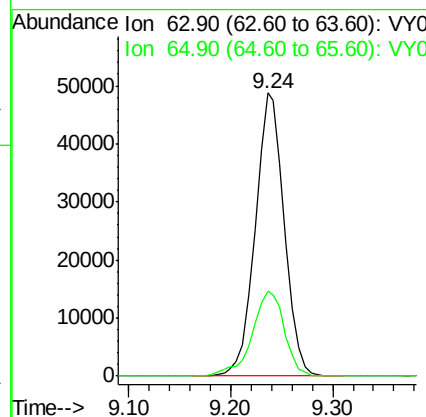
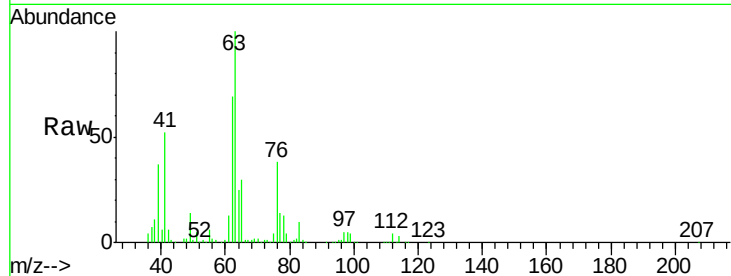
#45
 1,2-Dichloropropane
 Concen: 51.156 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 96350
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6

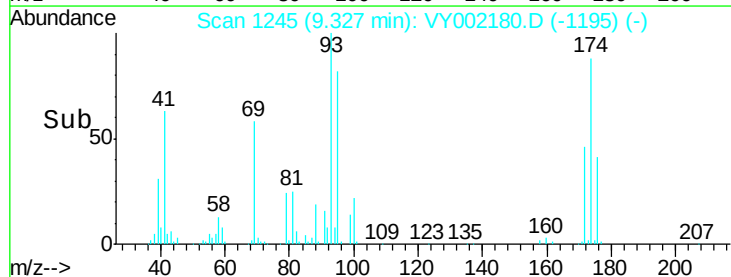
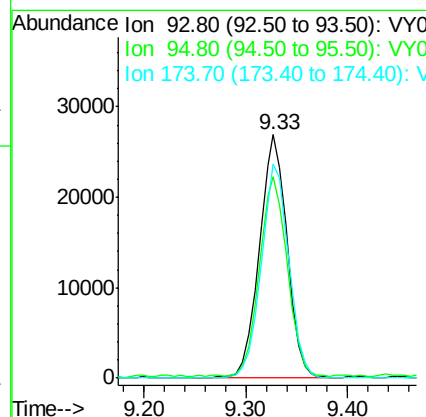
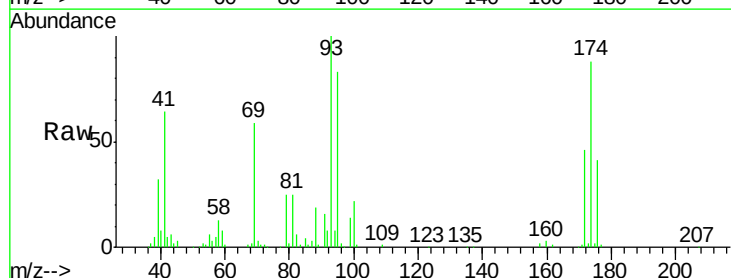
Manual Integrations
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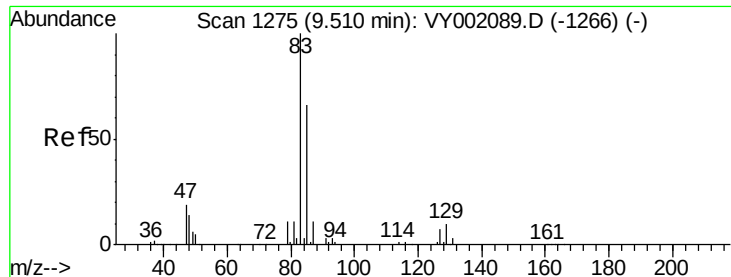
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 4/2/2020 10:12:47 AM



#46
 Dibromomethane
 Concen: 52.867 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion: 93 Resp: 51136
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.0 99.0
 174 86.9 69.8 104.8





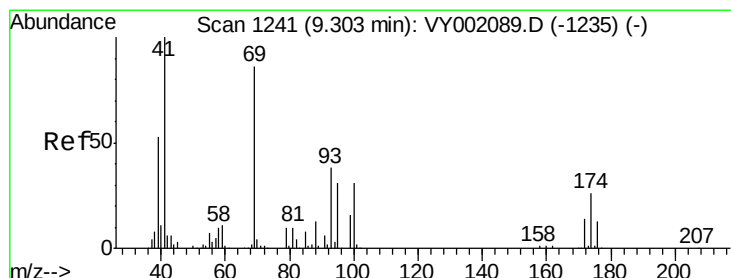
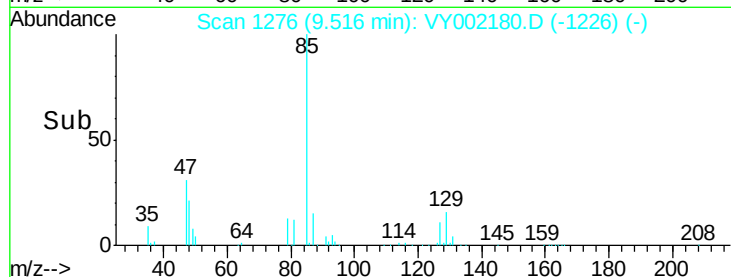
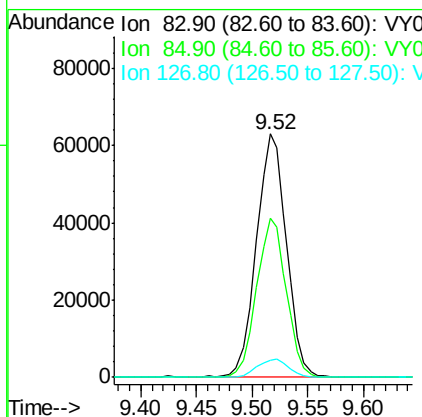
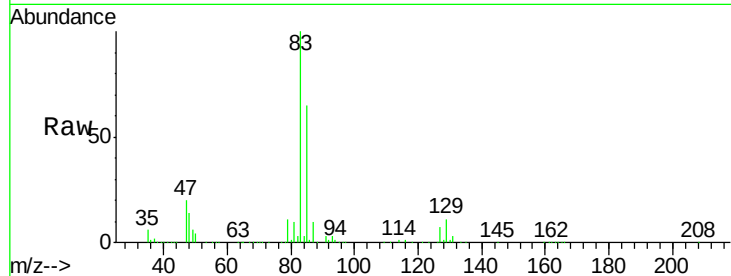
#47
Bromodichloromethane
Concen: 52.291 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	117746
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	52.6	79.0
127	7.2	5.9	8.9

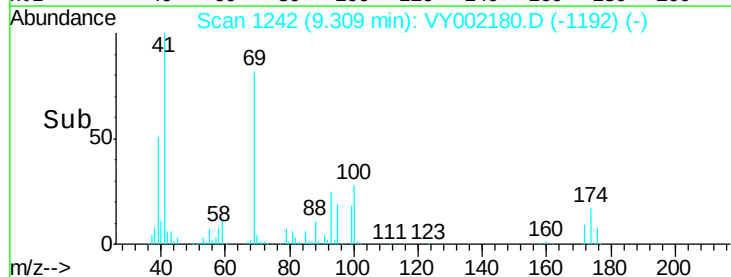
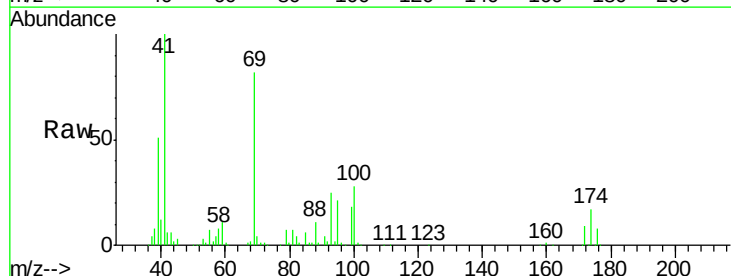
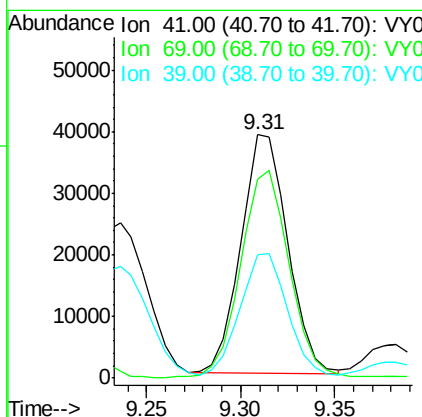
Manual Integrations
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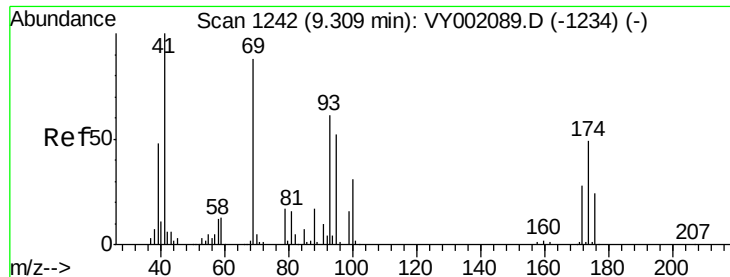
MMDadoda
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#48
Methyl methacrylate
Concen: 52.965 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	41	Resp	66480
Ion Ratio	100	Lower	Upper
41	100		
69	90.0	71.4	107.0
39	51.7	41.0	61.4





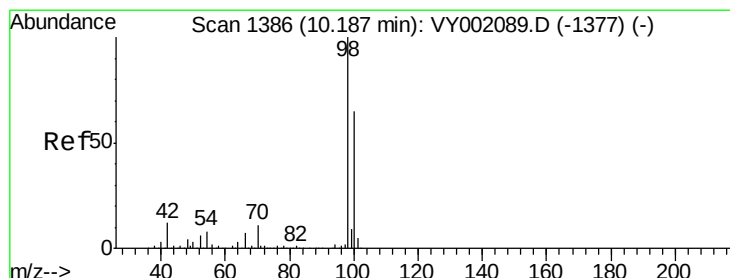
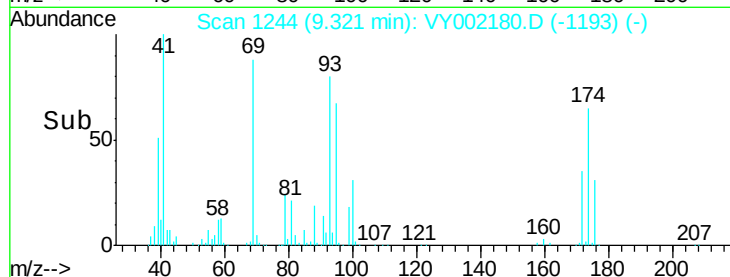
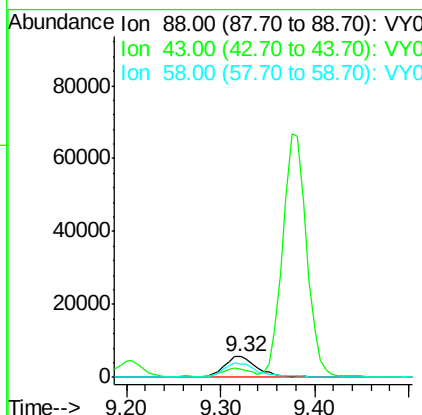
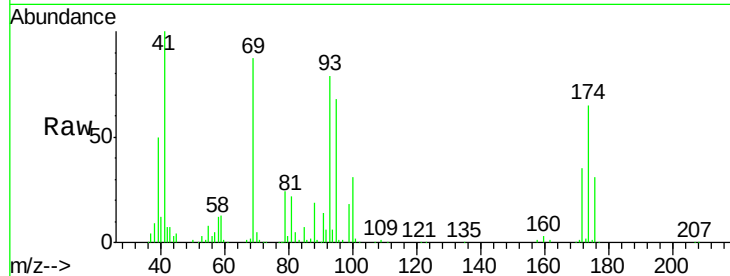
#49
1,4-Dioxane
Concen: 1070.727 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	14212
Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.2	40.8
58	74.9	59.8	89.8

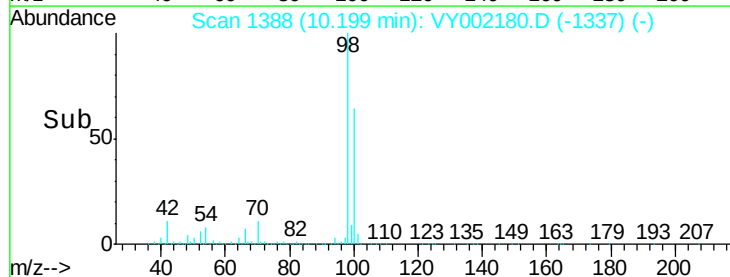
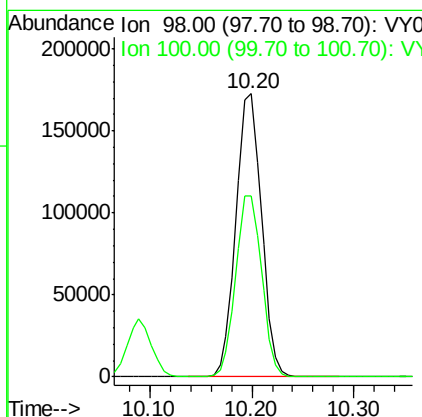
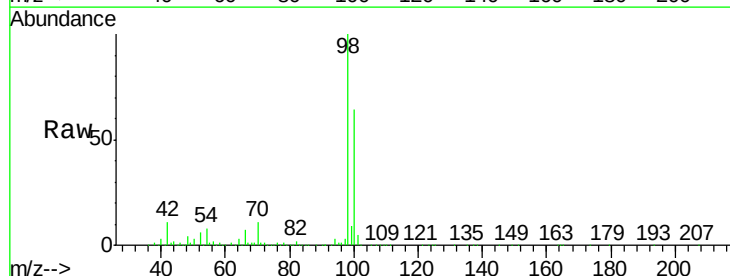
Manual Integrations
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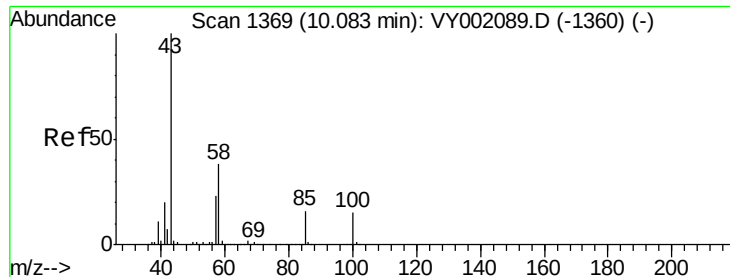
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#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	98	Resp	299248
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 277.440 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 400135

Ion Ratio Lower Upper

43 100

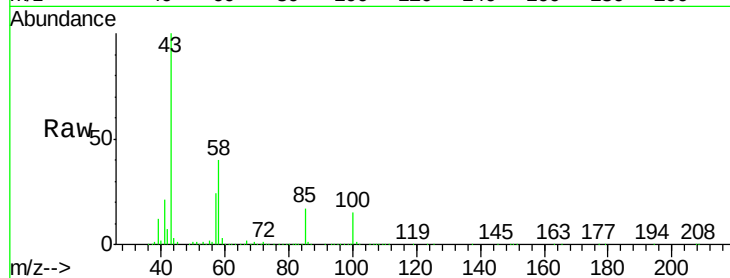
58 39.9 31.6 47.4

Manual Integrations

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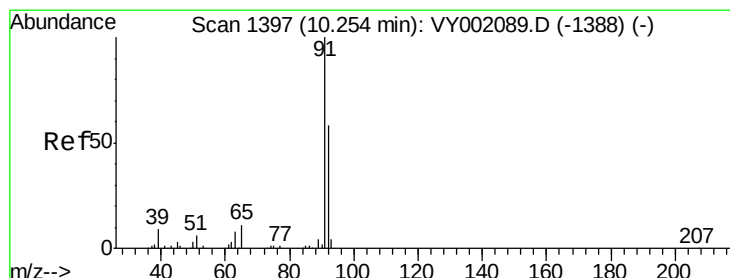
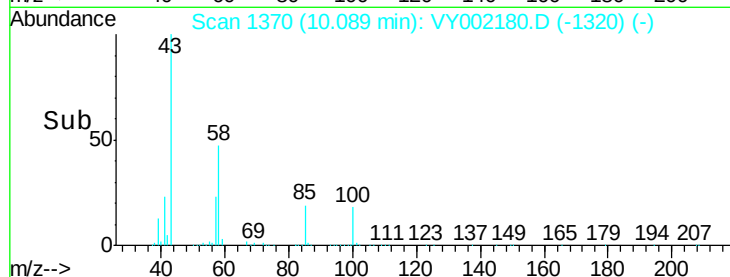
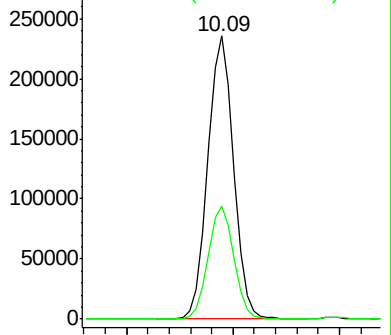
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 50.808 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002180.D

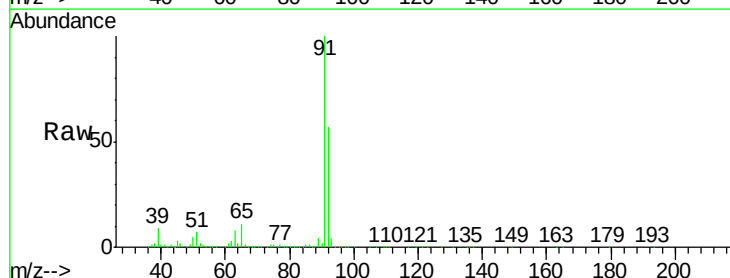
Acq: 01 Apr 2020 21:38

Tgt Ion: 92 Resp: 227312

Ion Ratio Lower Upper

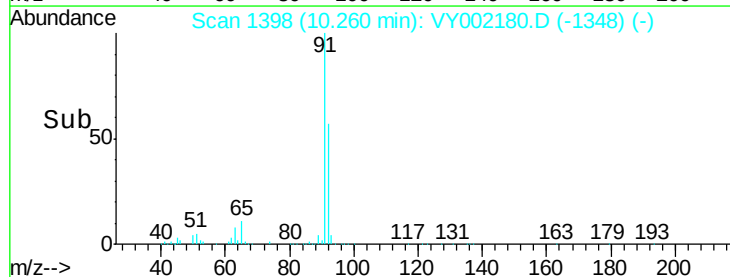
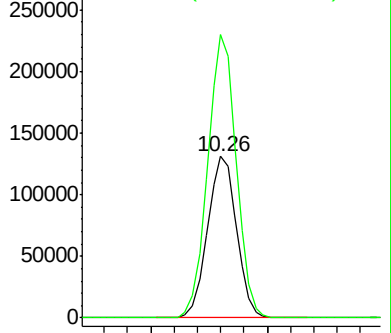
92 100

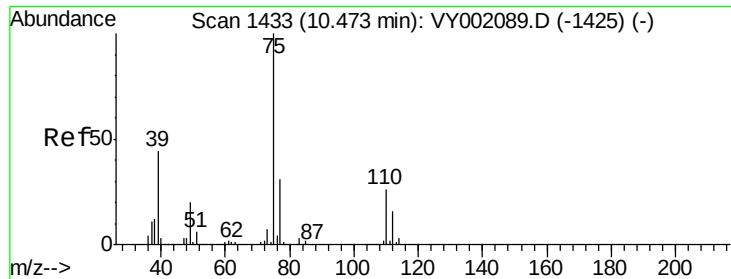
91 171.8 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 51.700 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 129212

Ion Ratio Lower Upper

75 100

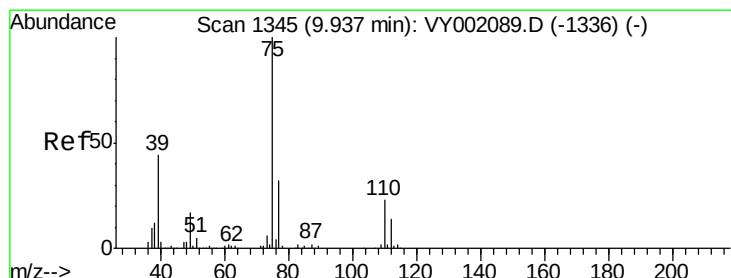
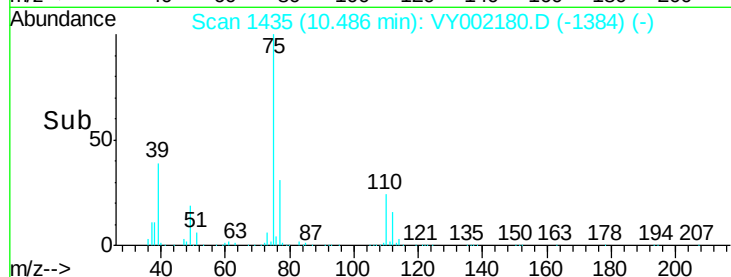
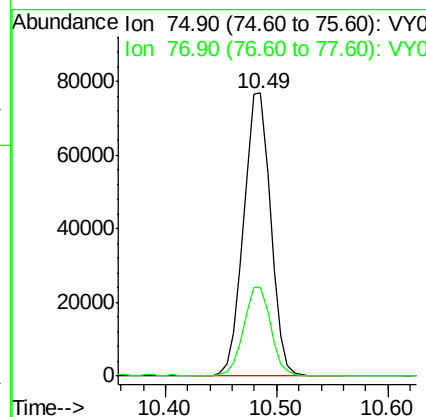
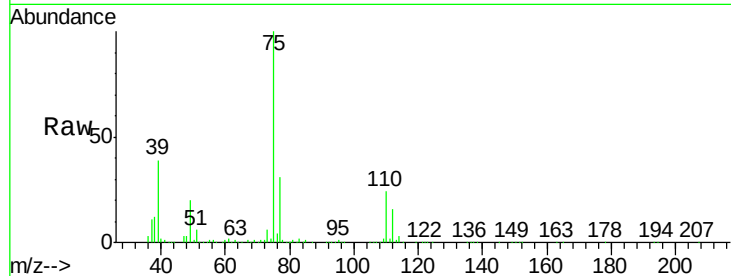
77 30.9 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.995 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

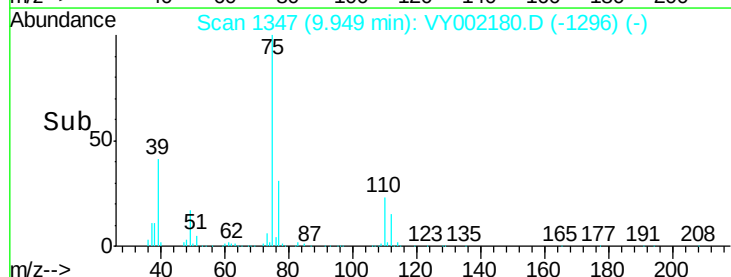
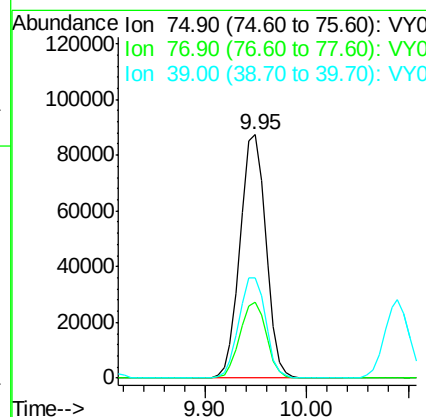
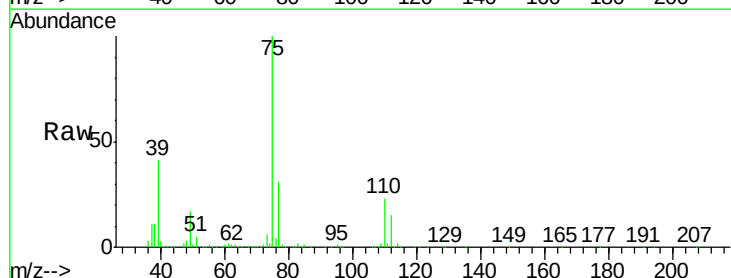
Tgt Ion: 75 Resp: 152998

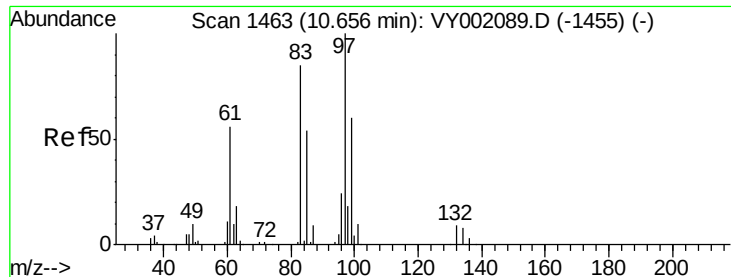
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 41.2 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 52.216 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

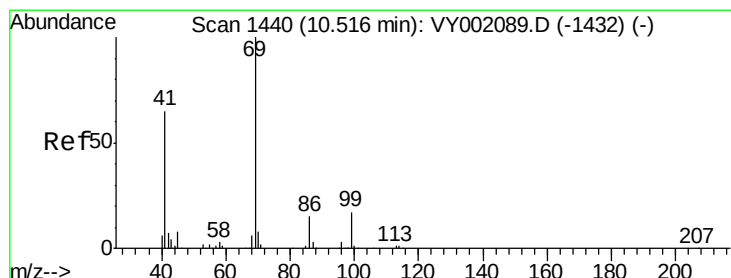
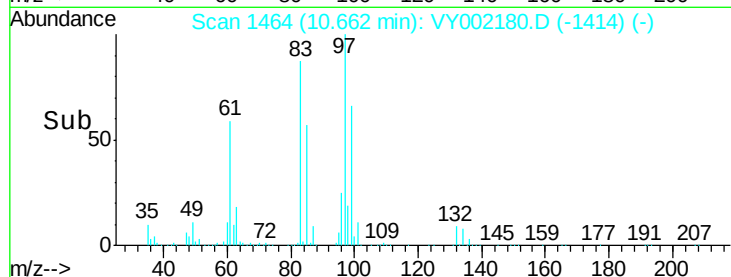
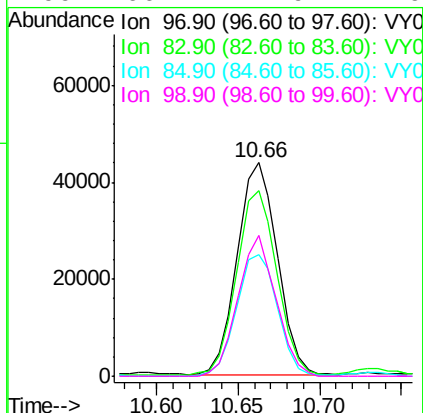
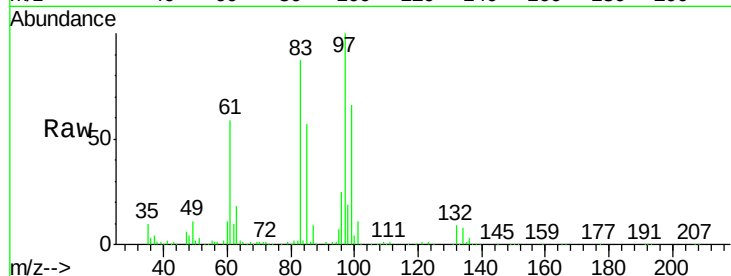
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	74752
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.2	102.2
85	57.1	42.9	64.3
99	66.4	47.9	71.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 54.680 ug/l

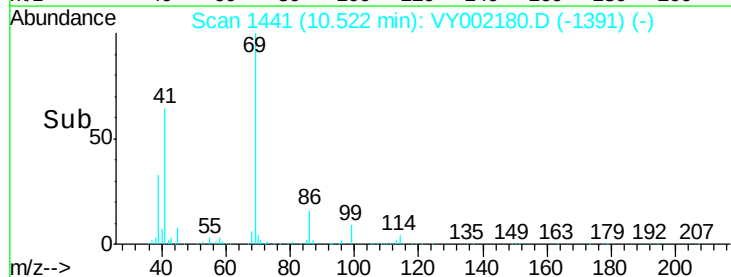
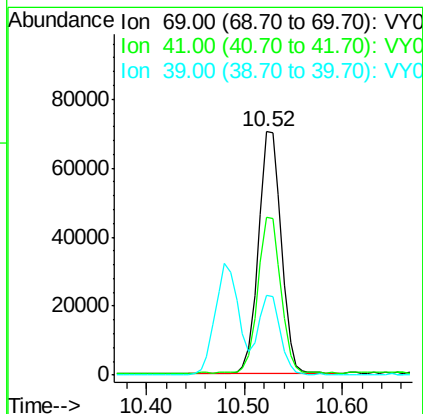
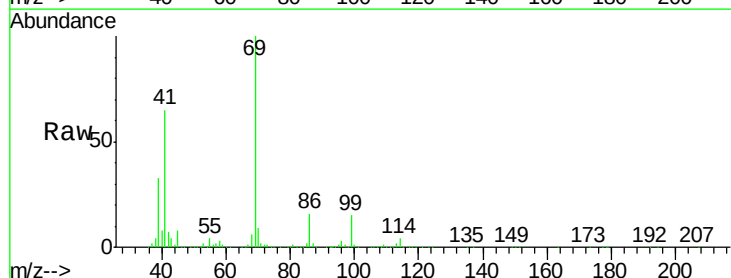
RT: 10.52 min Scan# 1441

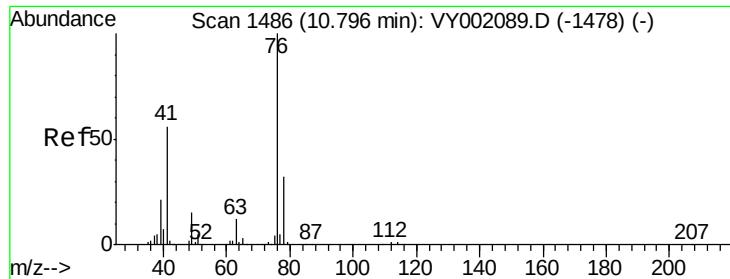
Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion:	69	Resp:	114333
Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.8	79.2
39	31.0	25.0	37.6





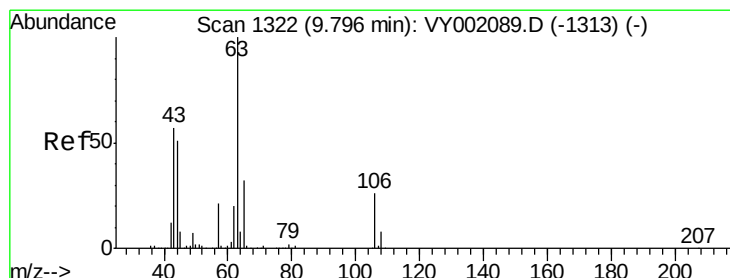
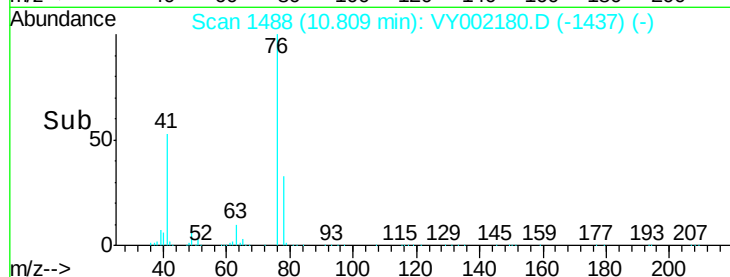
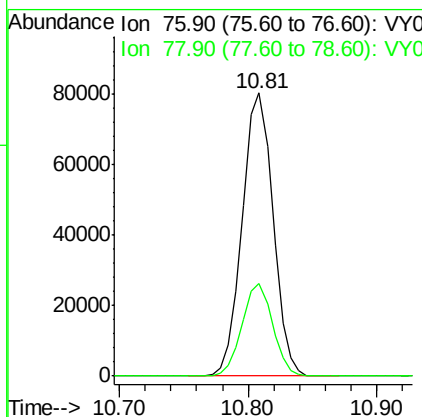
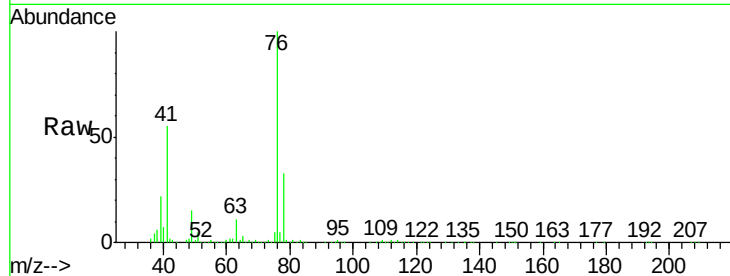
#57
 1,3-Dichloropropane
 Concen: 52.569 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

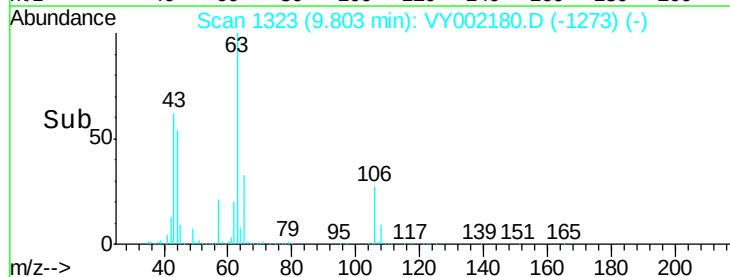
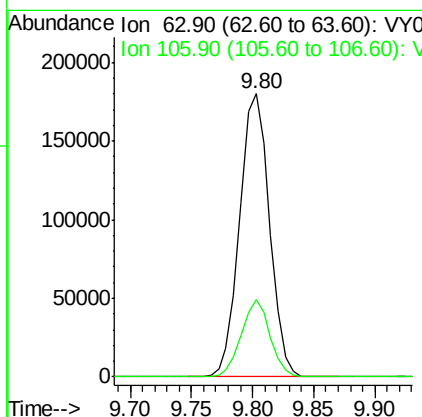
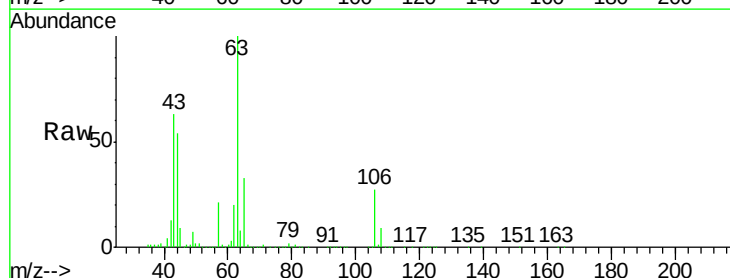
Manual Integrations
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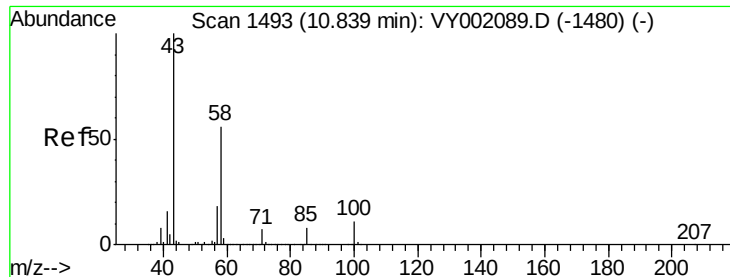
MMDadoda
 4/2/2020 10:12:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.534 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.0	21.0	31.4





#59

2-Hexanone

Concen: 266.072 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 270313

Ion Ratio Lower Upper

43 100

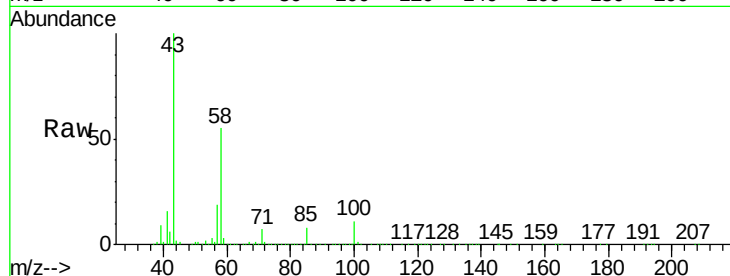
58 56.4 27.9 83.6

Manual Integrations

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4/2/2020 10:12:47 AM



Abundance Ion 43.00 (42.70 to 43.70): VY002180.D (-1480) (-)

Ion 58.00 (57.70 to 58.70): VY002180.D (-1480) (-)

200000

150000

100000

50000

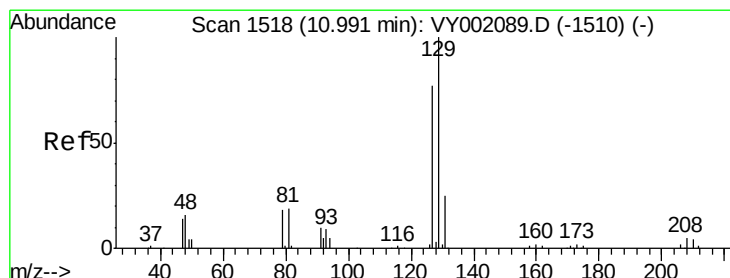
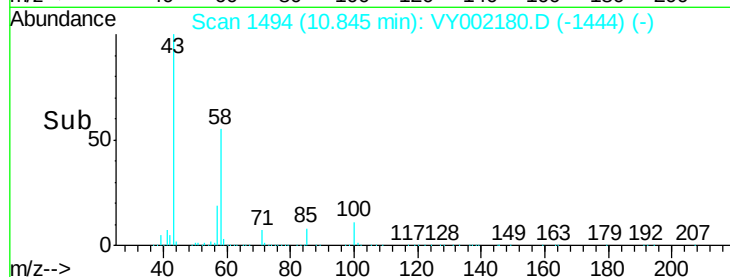
0

10.80

10.85

10.90

Time-->



#60

Dibromochloromethane

Concen: 53.949 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VY002180.D

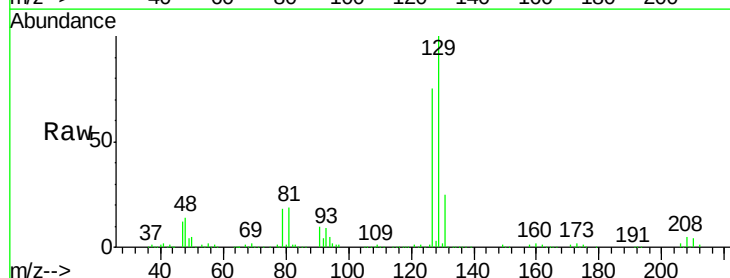
Acq: 01 Apr 2020 21:38

Tgt Ion: 129 Resp: 80818

Ion Ratio Lower Upper

129 100

127 76.4 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): VY002180.D (-1510) (-)

Ion 126.80 (126.50 to 127.50): VY002180.D (-1510) (-)

50000

40000

30000

20000

10000

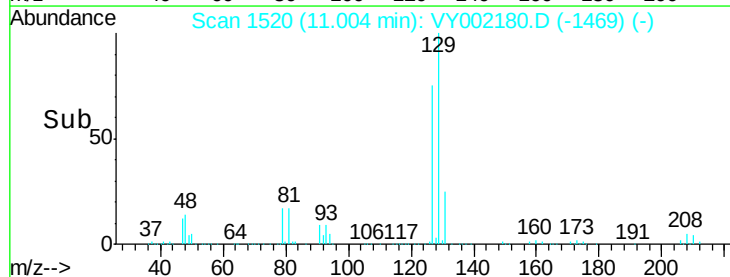
0

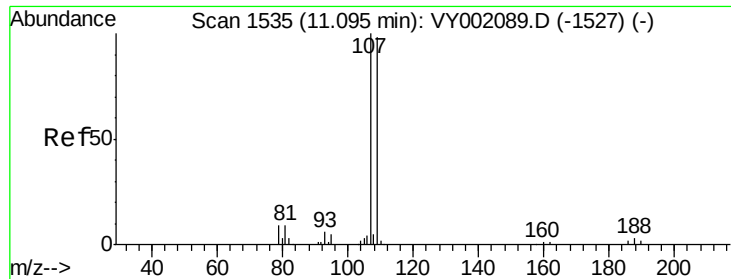
10.90

11.00

11.10

Time-->





#61

1,2-Dibromoethane

Concen: 53.475 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 71654

Ion Ratio Lower Upper

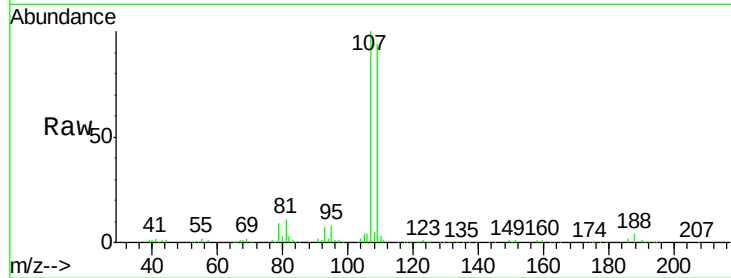
107 100

109 93.3 76.3 114.5

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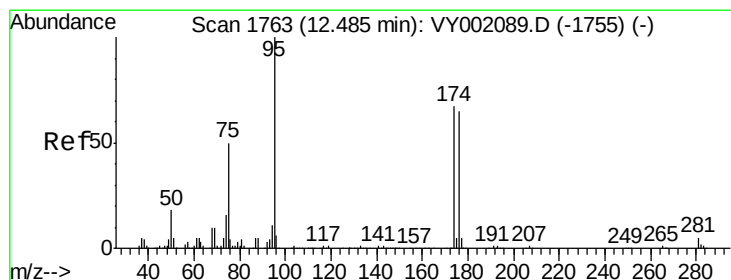
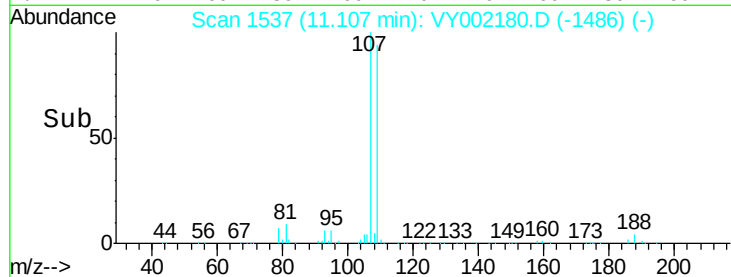
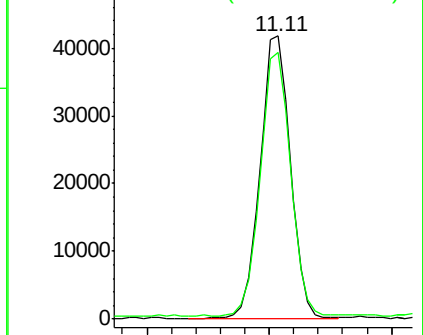
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.329 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

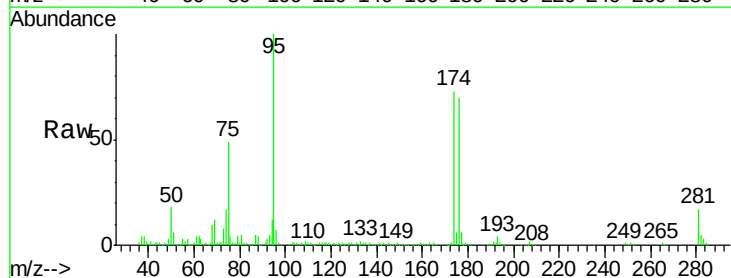
Tgt Ion: 95 Resp: 106022

Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.4

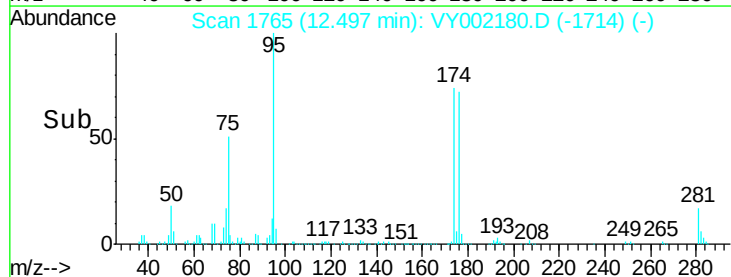
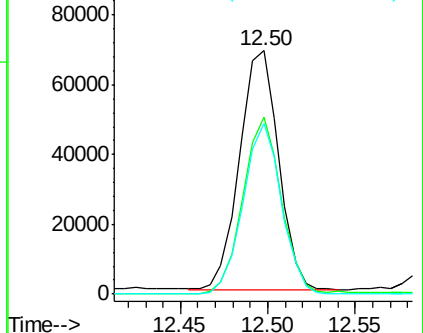
176 69.8 0.0 137.0

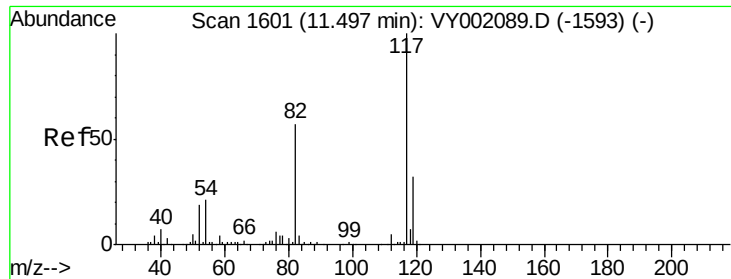


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





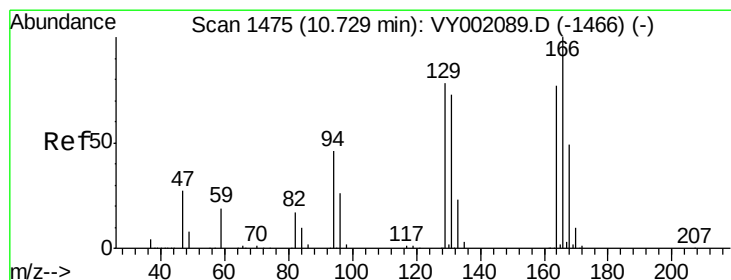
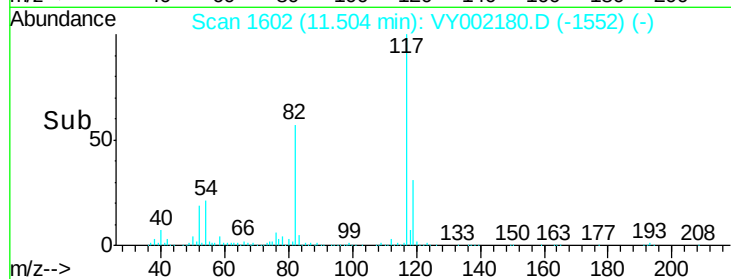
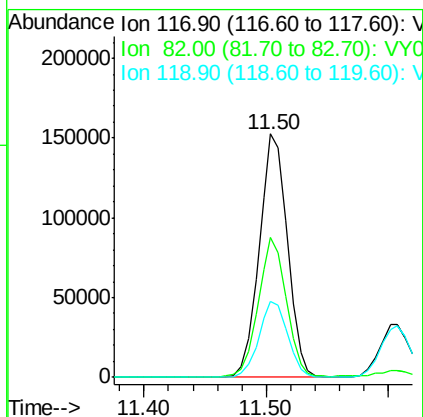
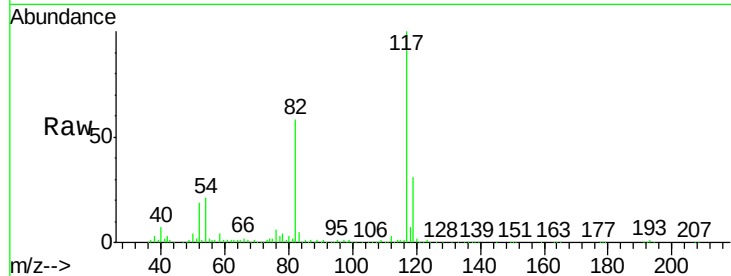
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.4	68.2
119	31.0	25.3	37.9

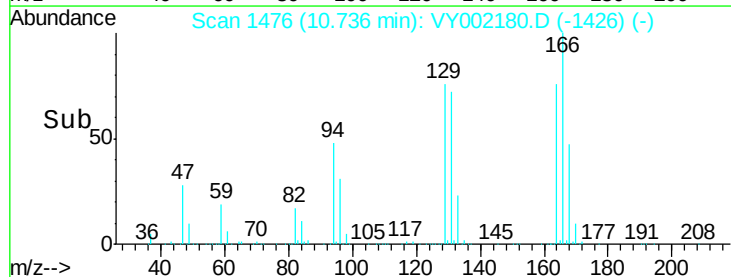
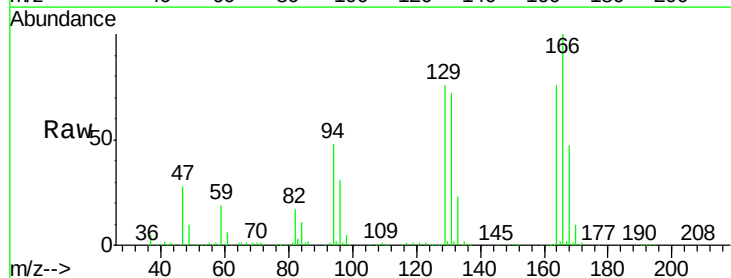
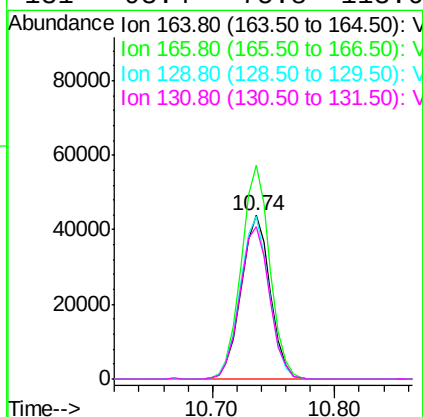
Manual Integrations
APPROVED

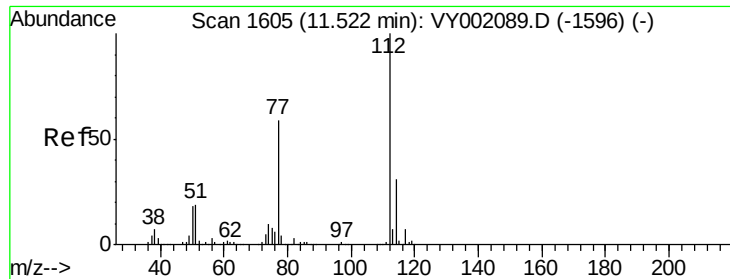
MMDadoda
4/2/2020 10:12:47 AM



#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	104.0	156.0
129	99.6	81.2	121.8
131	93.4	75.8	113.6





#65

Chlorobenzene

Concen: 50.247 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 236980

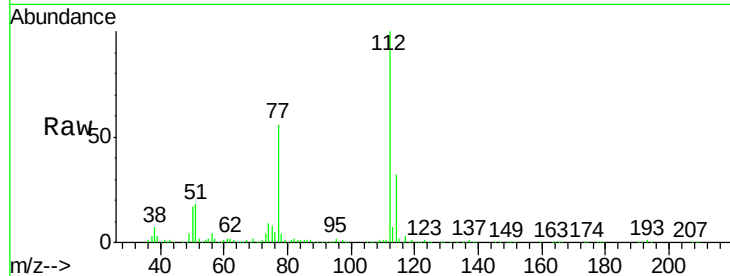
Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3

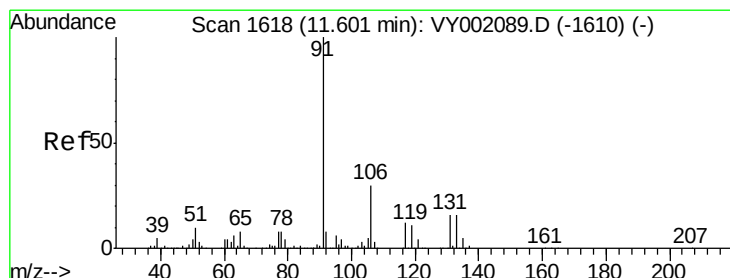
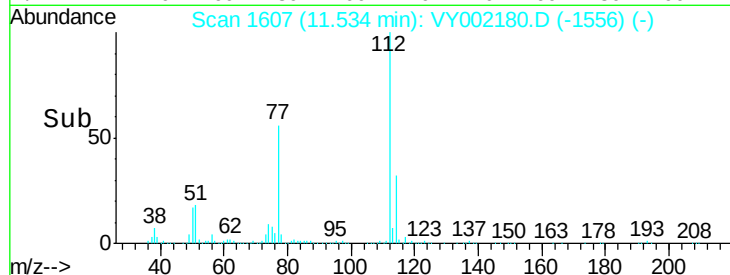
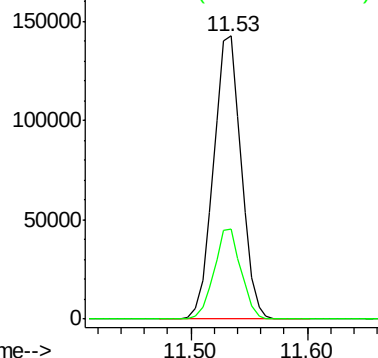
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.499 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

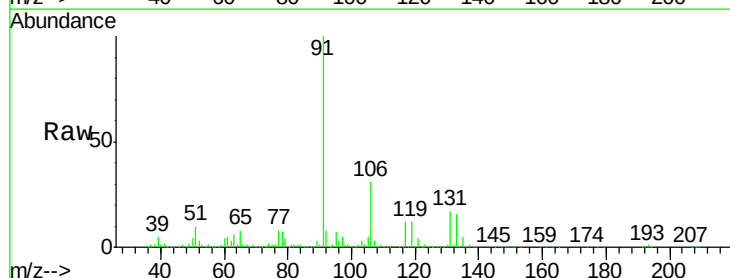
Tgt Ion:131 Resp: 79680

Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.5

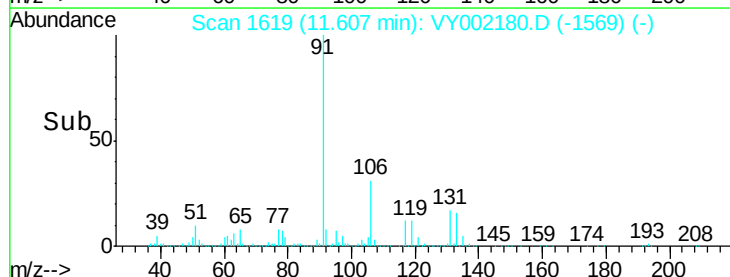
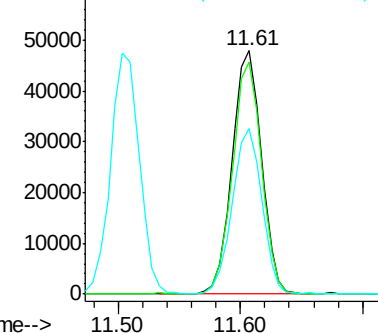
119 68.9 34.6 103.9

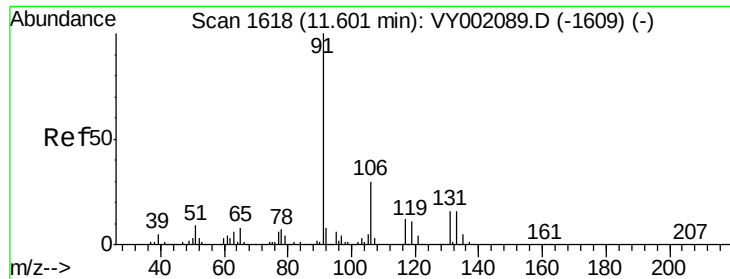


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.803 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 436244

Ion Ratio Lower Upper

91 100

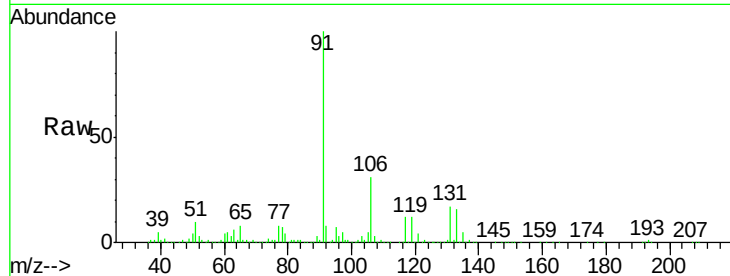
106 30.9 24.1 36.1

Manual Integrations

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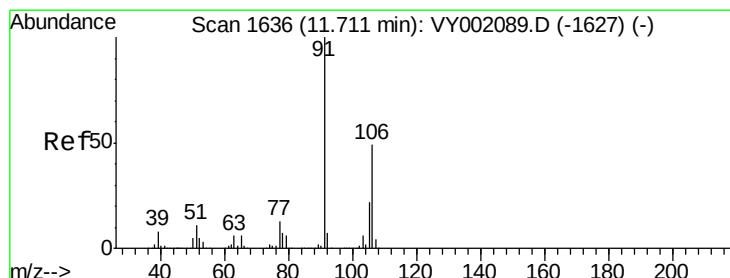
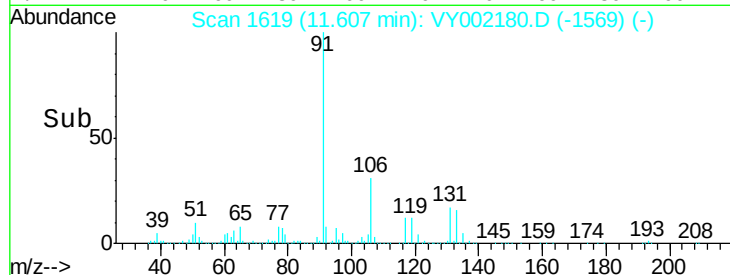
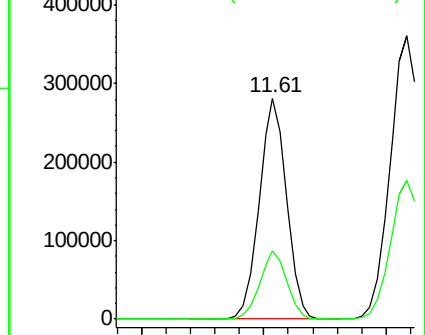
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.623 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002180.D

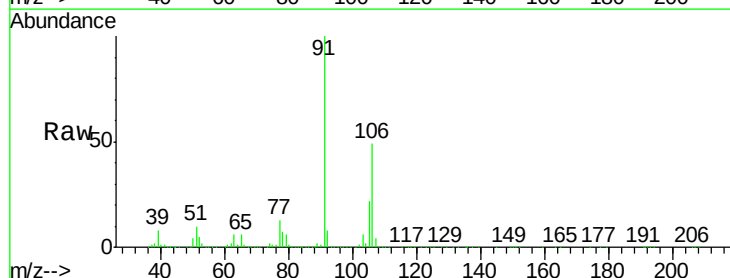
Acq: 01 Apr 2020 21:38

Tgt Ion: 106 Resp: 319407

Ion Ratio Lower Upper

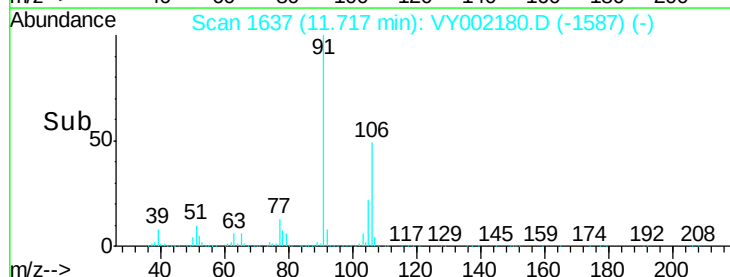
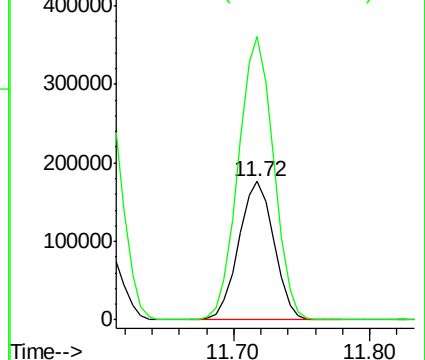
106 100

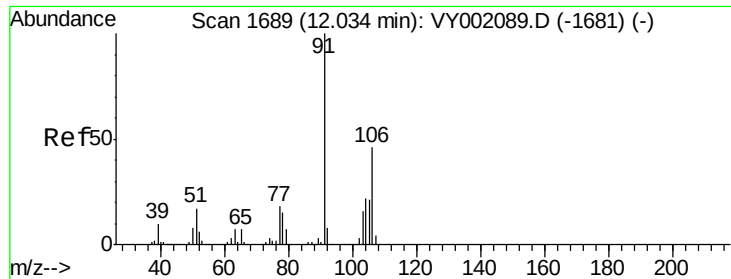
91 203.6 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





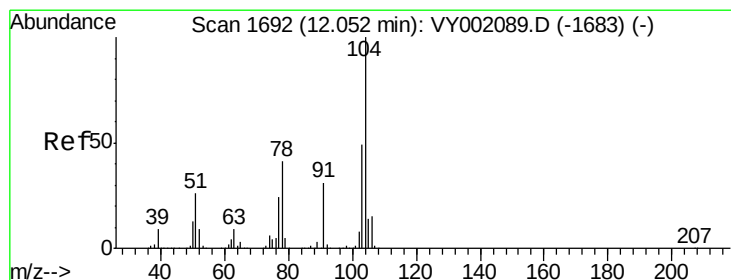
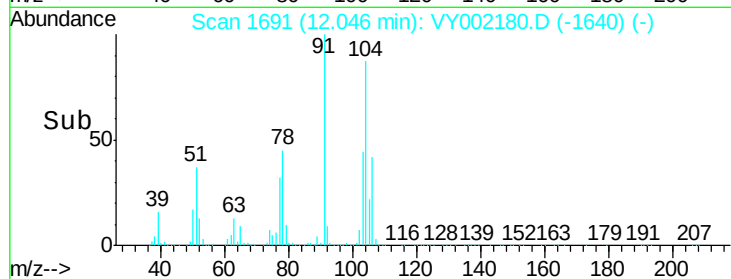
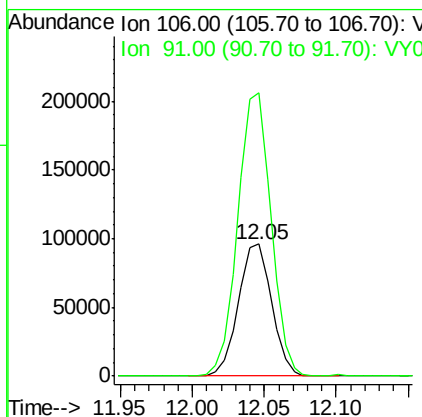
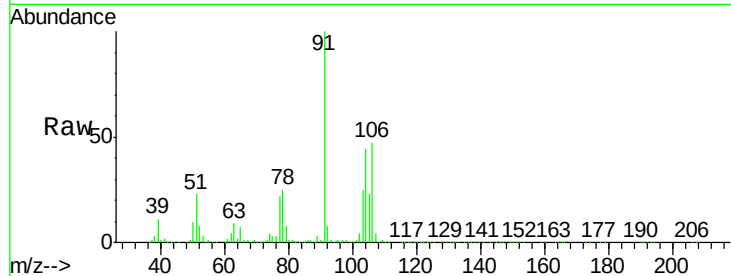
#69
o-Xylene
Concen: 50.211 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 154260
Ion Ratio Lower Upper
106 100
91 213.3 107.3 321.8

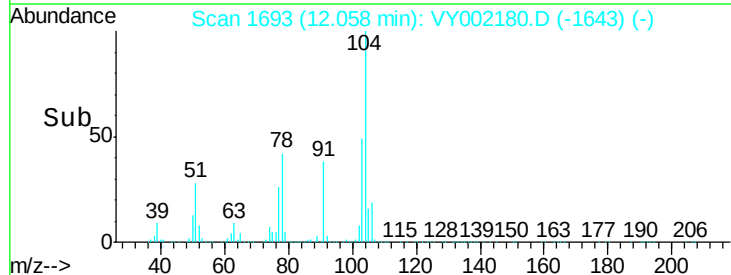
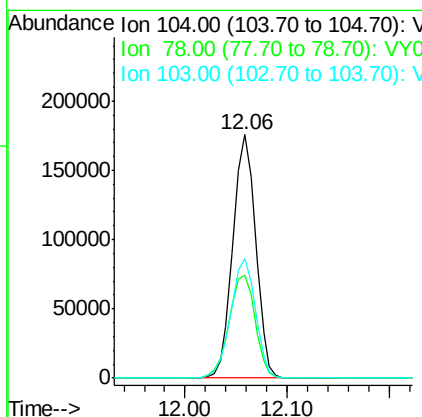
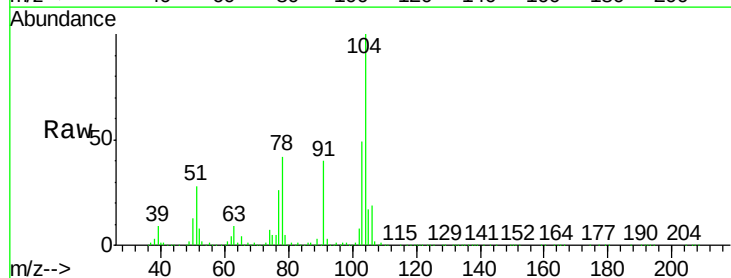
Manual Integrations
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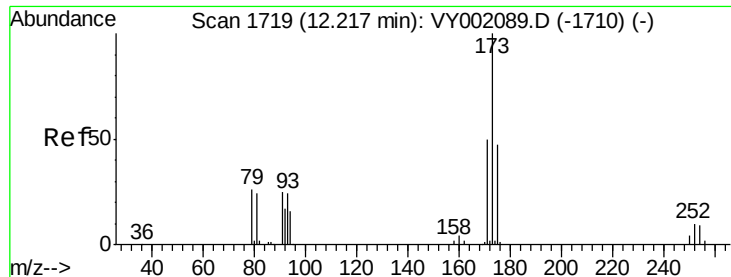
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#70
Styrene
Concen: 50.956 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion:104 Resp: 271272
Ion Ratio Lower Upper
104 100
78 47.9 37.9 56.9
103 53.2 43.2 64.8





#71

Bromoform

Concen: 52.035 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 44968

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

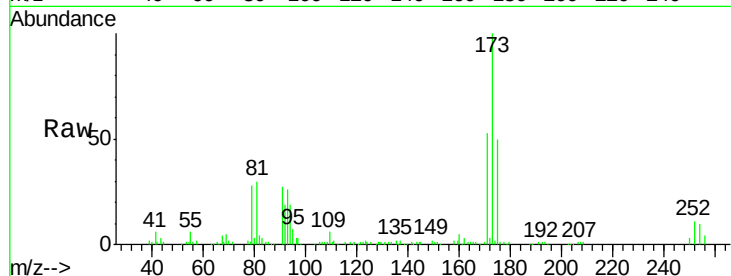
254 0.0 0.0 0.0

Manual Integrations

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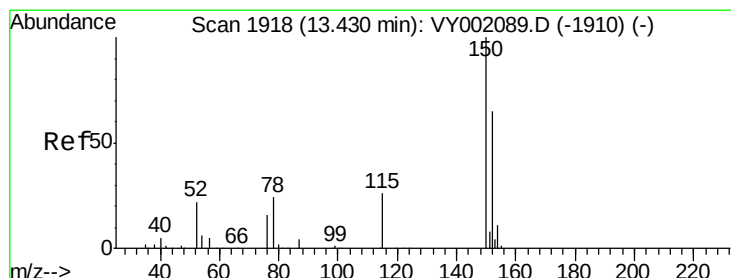
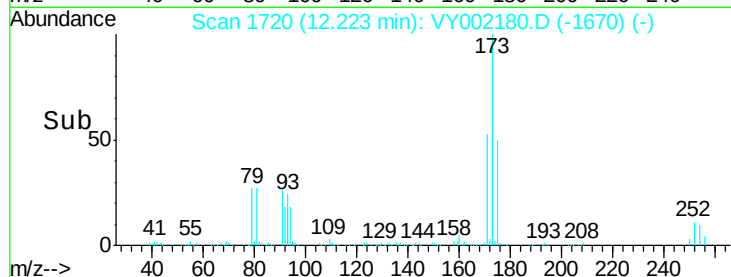
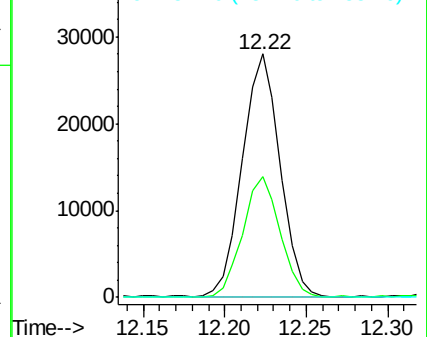
4/2/2020 10:12:47 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

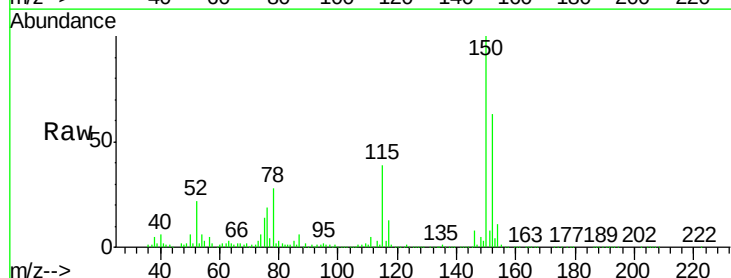
Tgt Ion:152 Resp: 109639

Ion Ratio Lower Upper

152 100

115 61.8 31.2 93.6

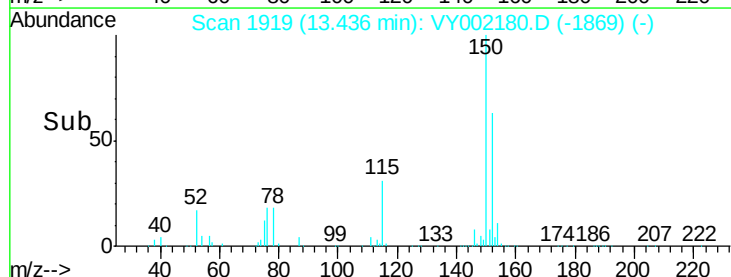
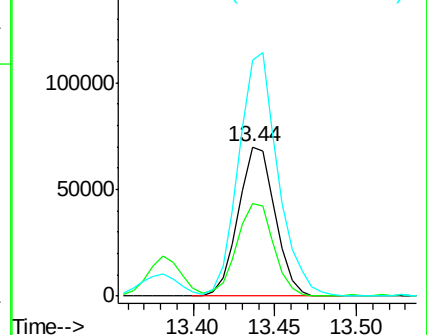
150 173.8 0.0 354.8

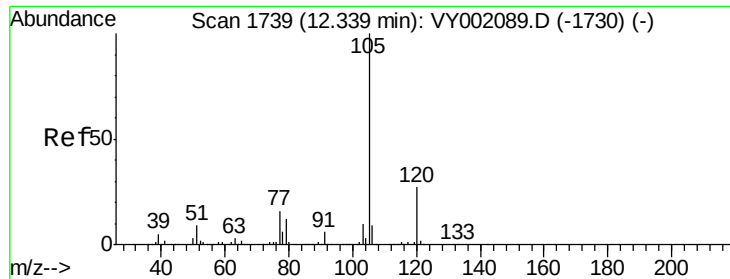


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.120 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 407634

Ion Ratio Lower Upper

105 100

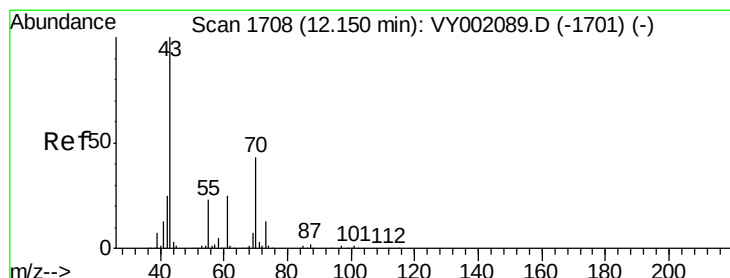
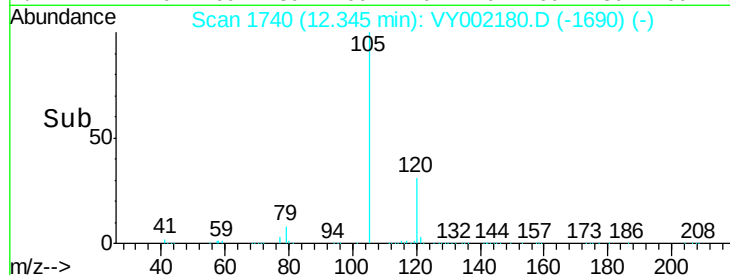
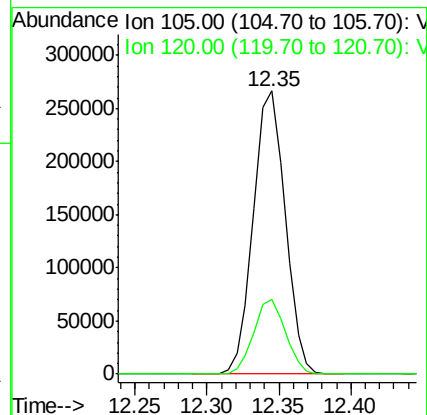
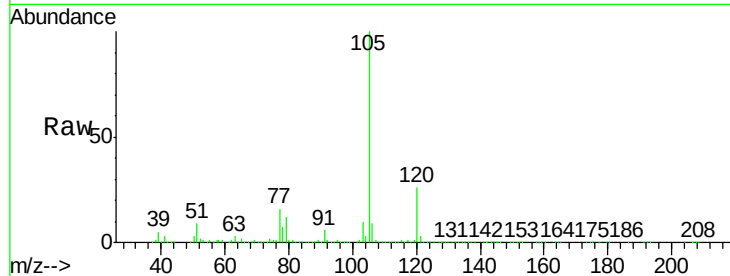
120 26.4 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.384 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion: 43 Resp: 134372

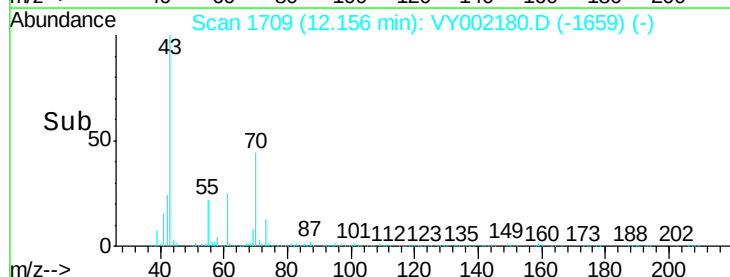
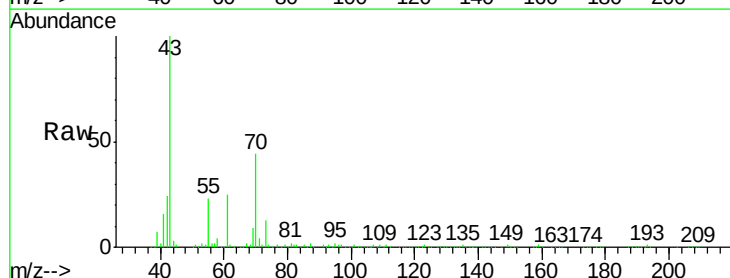
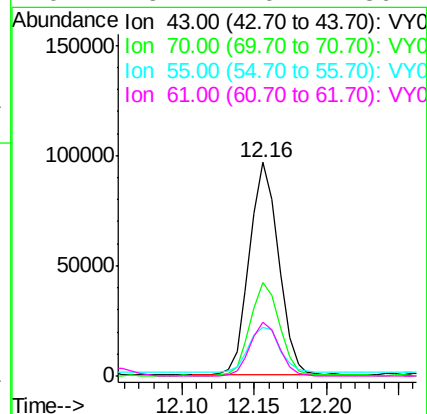
Ion Ratio Lower Upper

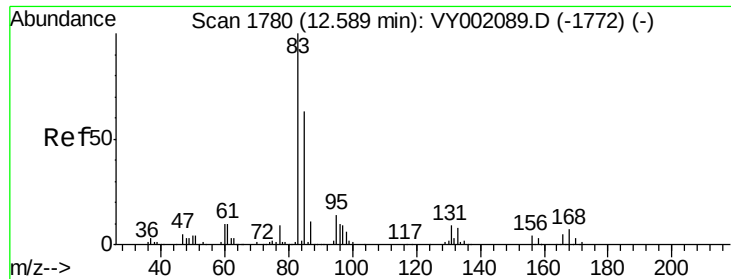
43 100

70 44.1 35.0 52.4

55 22.8 18.7 28.1

61 25.4 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.189 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

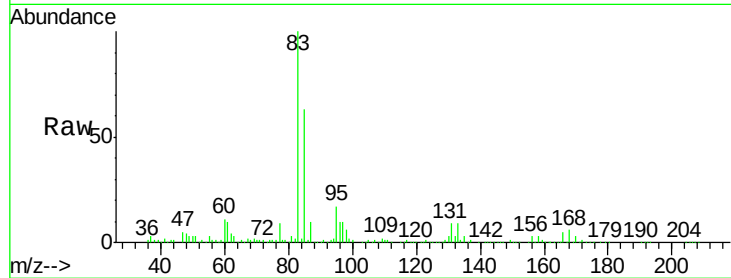
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	94838
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.7	14.1
85	63.4	32.4	97.0

Manual Integrations
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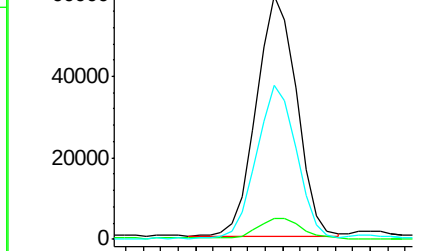
MMDadoda
4/2/2020 10:12:47 AM



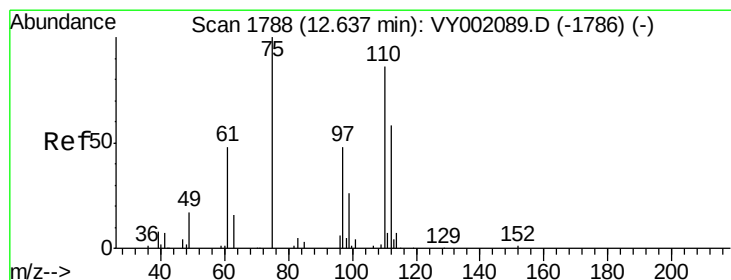
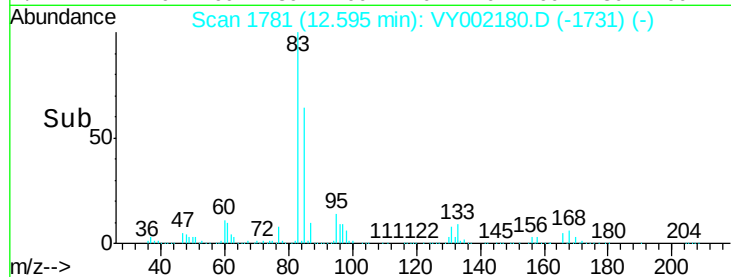
Abundance Ion 82.90 (82.60 to 83.60): VY002180.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002180.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002180.D (-1772) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 46.846 ug/l m

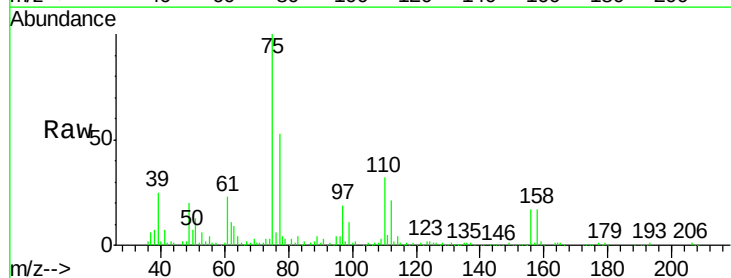
RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002180.D

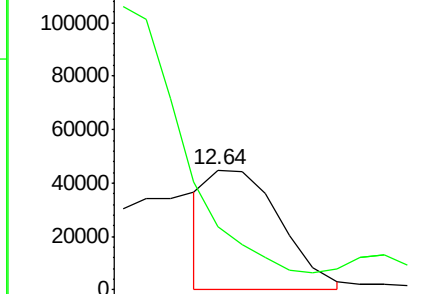
Acq: 01 Apr 2020 21:38

Tgt Ion:	75	Resp:	57452
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

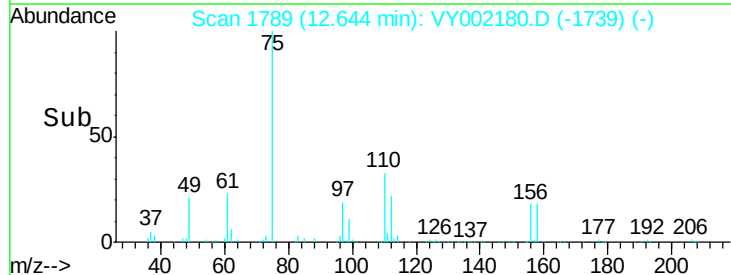


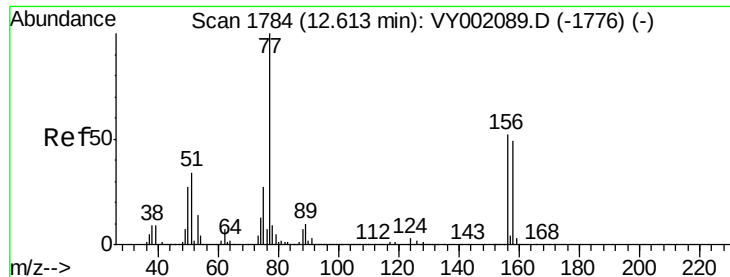
Abundance Ion 74.90 (74.60 to 75.60): VY002180.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002180.D (-1786) (-)



Time-->





#77

Bromobenzene

Concen: 51.726 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

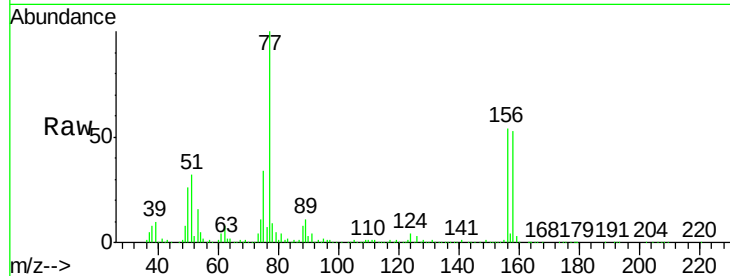
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	89806
Ion Ratio	Lower	Upper	
156	100		
77	216.4	107.8	323.6
158	95.6	47.5	142.6

Manual Integrations
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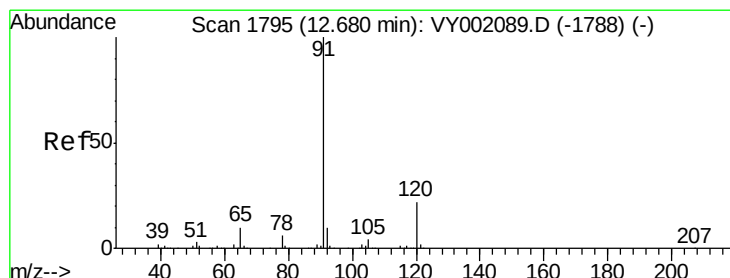
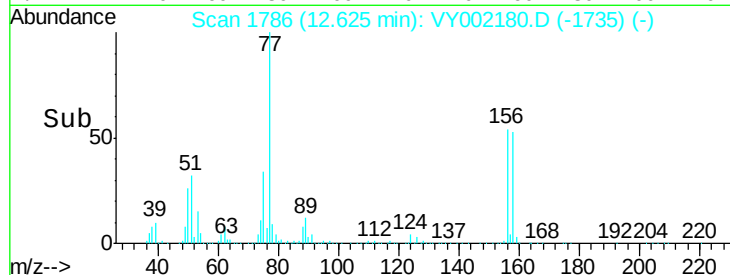
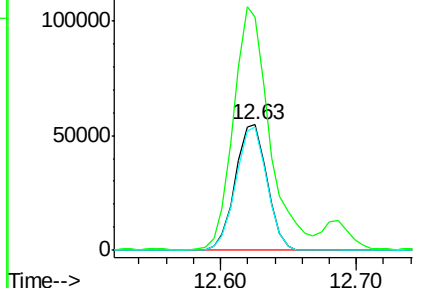
MMDadoda
4/2/2020 10:12:47 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.234 ug/l

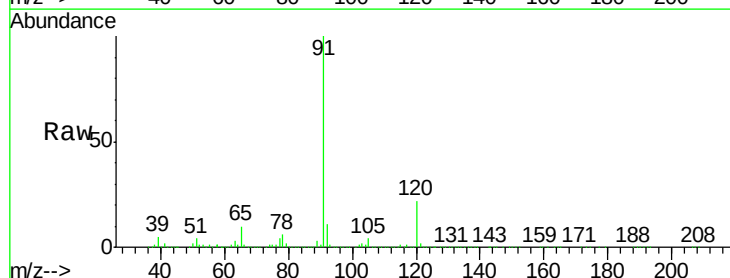
RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002180.D

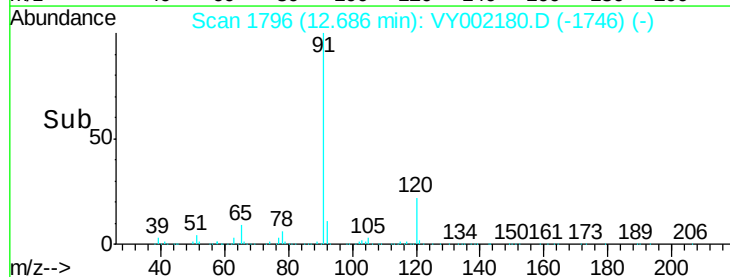
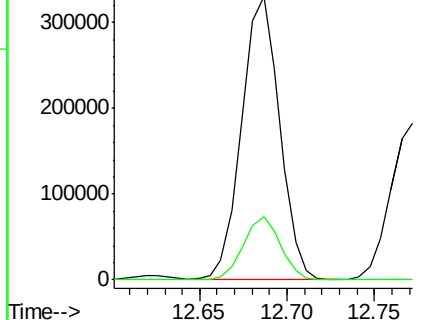
Acq: 01 Apr 2020 21:38

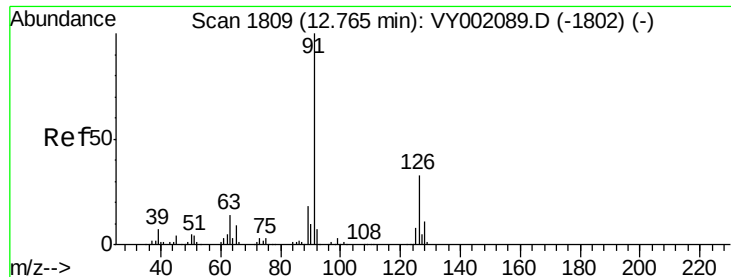
Tgt Ion:	91	Resp:	496914
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





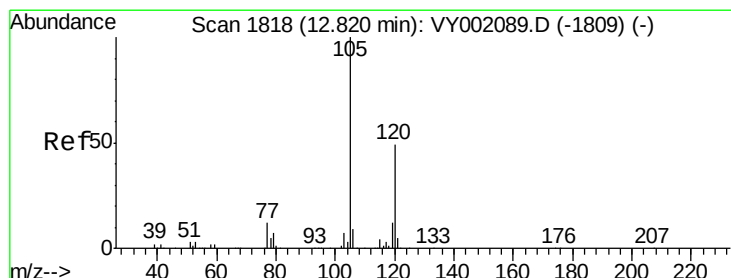
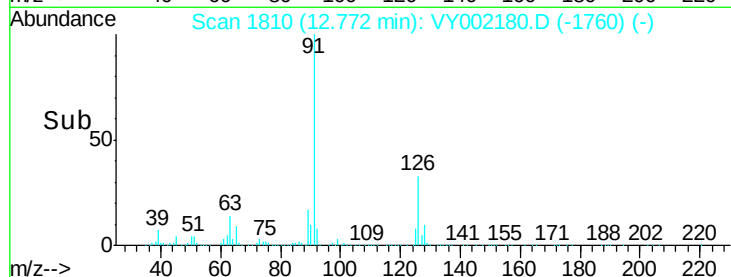
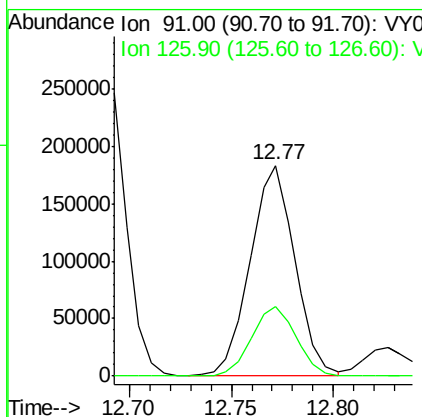
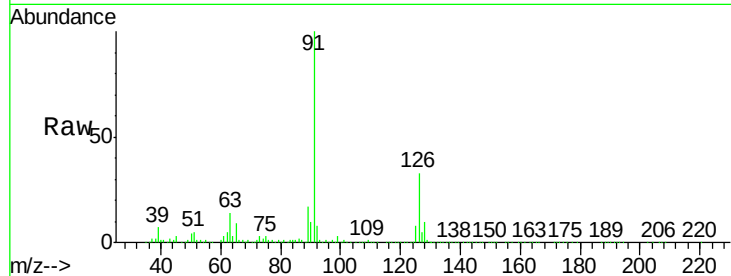
#79
 2-Chlorotoluene
 Concen: 50.061 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 277420
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.1

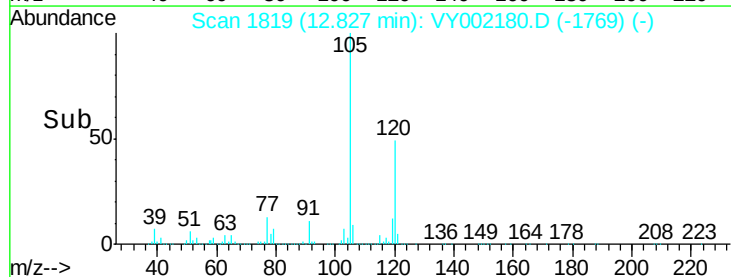
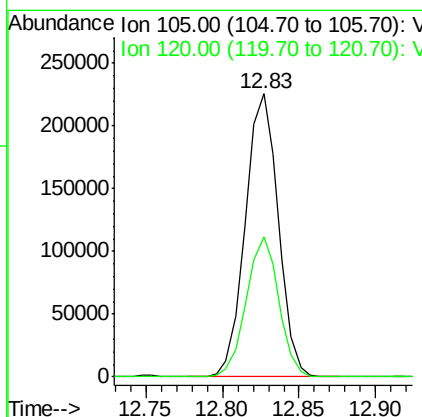
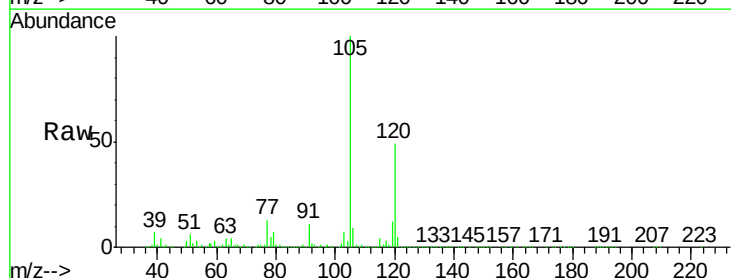
Manual Integrations
 APPROVED

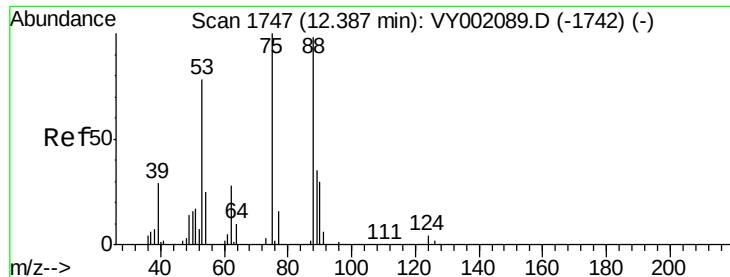
MMDadoda
 4/2/2020 10:12:47 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.210 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion: 105 Resp: 336914
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.763 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

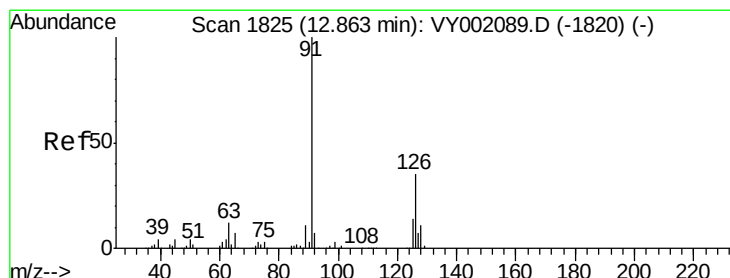
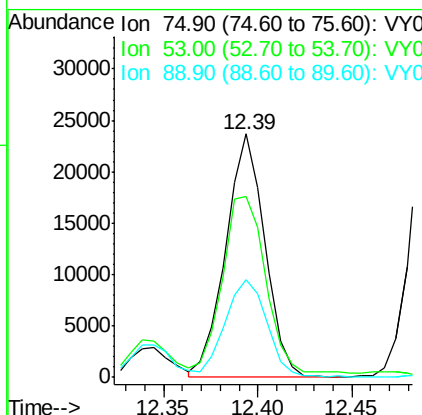
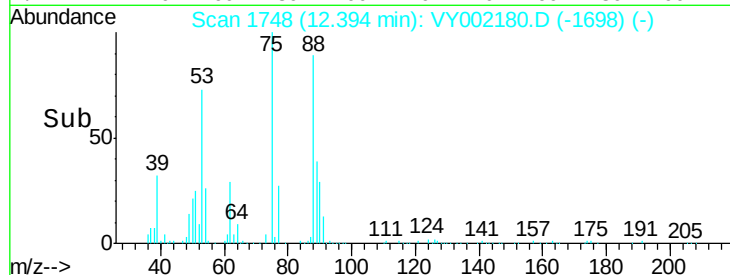
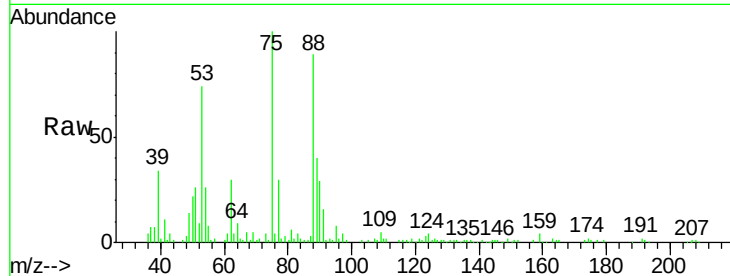
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	34034
Ion	Ratio	Lower	Upper
75	100		
53	80.0	65.0	97.4
89	41.7	33.4	50.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.787 ug/l

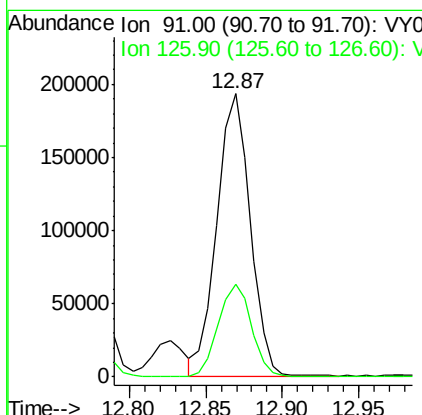
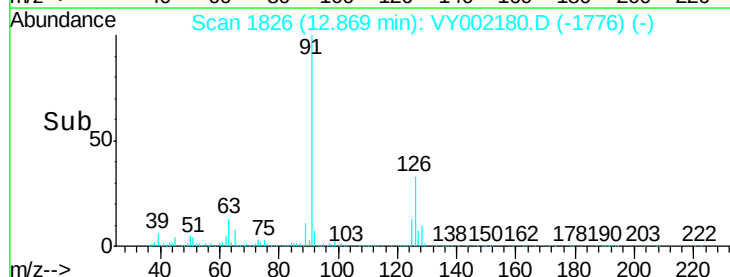
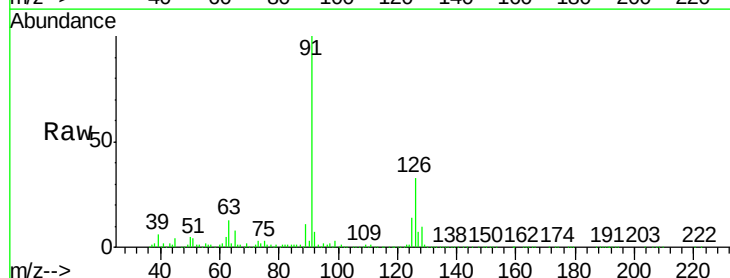
RT: 12.87 min Scan# 1826

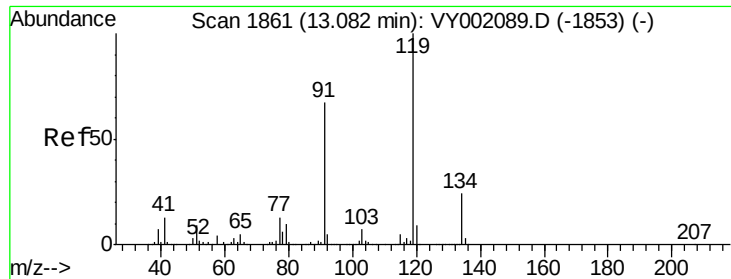
Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Tgt Ion:	91	Resp:	290737
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.3	48.9





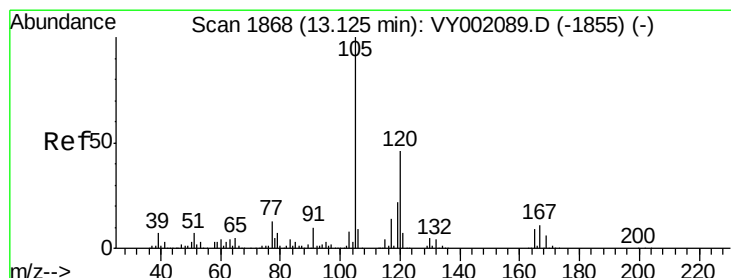
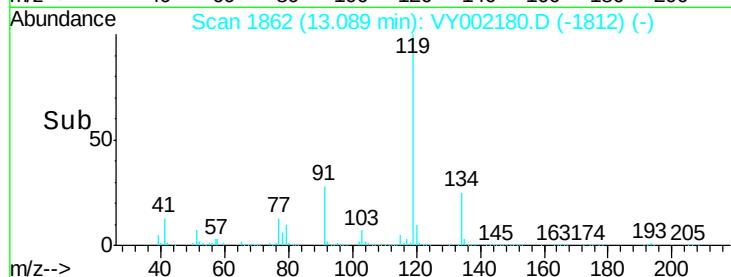
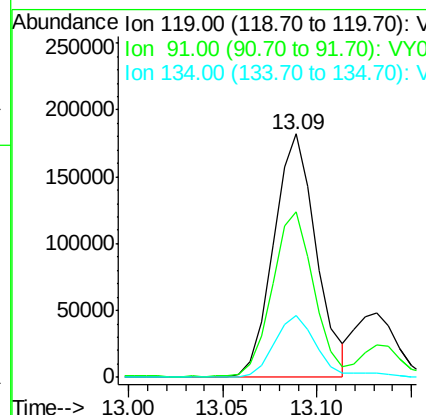
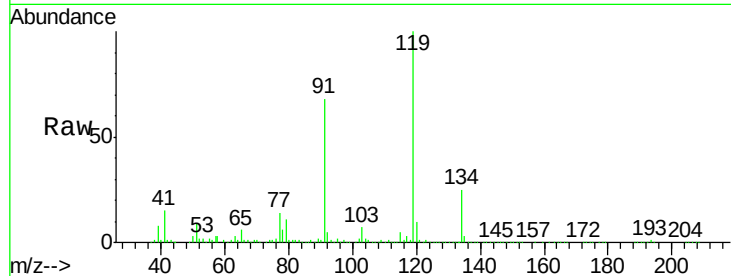
#83
 tert-Butylbenzene
 Concen: 50.744 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.9	98.6
134	26.4	13.0	38.9

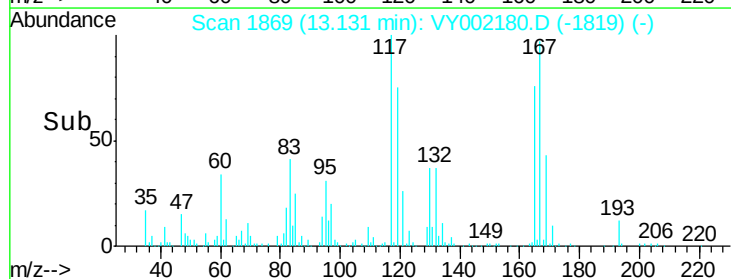
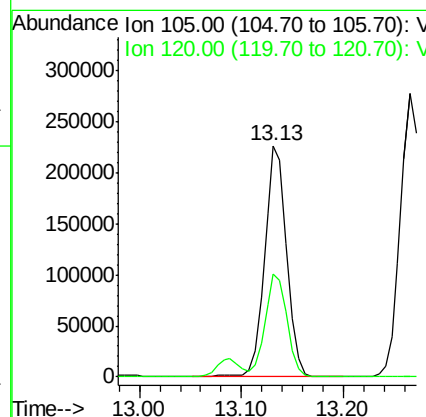
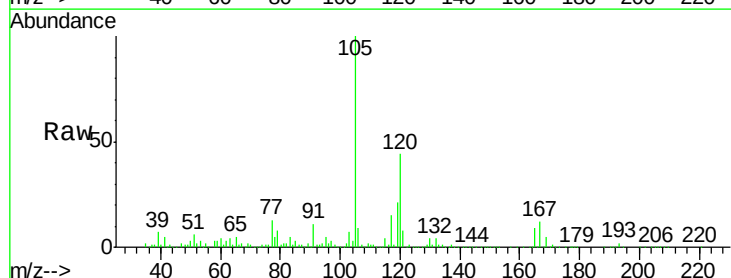
Manual Integrations
 APPROVED

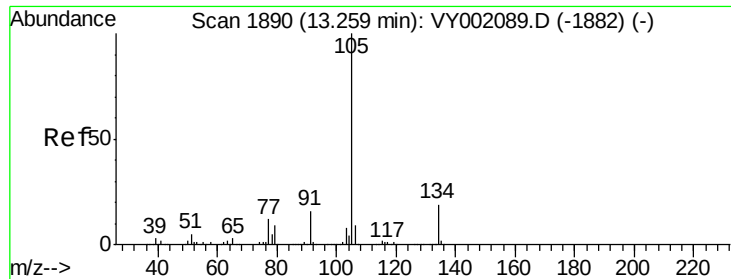
MMDadoda
 4/2/2020 10:12:47 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.480 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.9	68.5





#85

sec-Butylbenzene

Concen: 49.371 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 409584

Ion Ratio Lower Upper

105 100

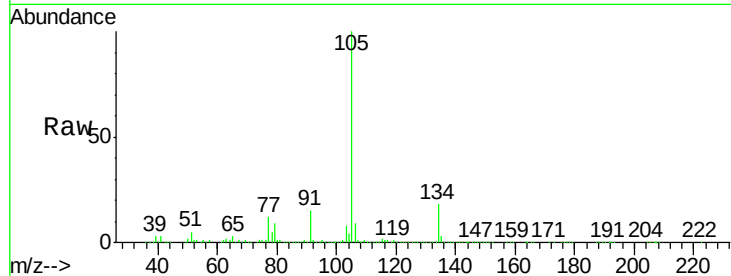
134 19.2 9.7 29.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

300000

250000

200000

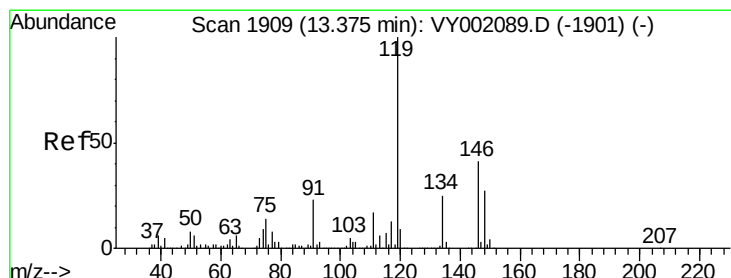
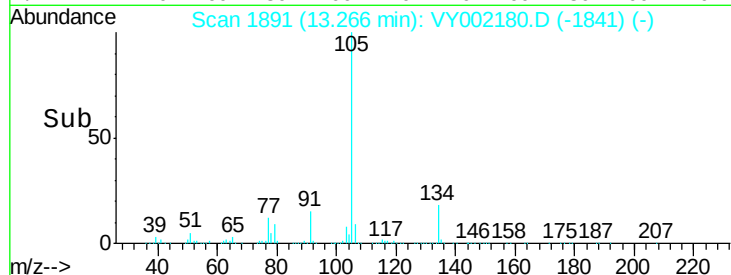
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.737 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002180.D

Acq: 01 Apr 2020 21:38

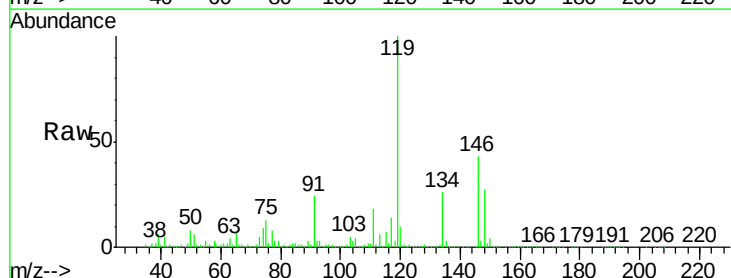
Tgt Ion:119 Resp: 354334

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.7 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

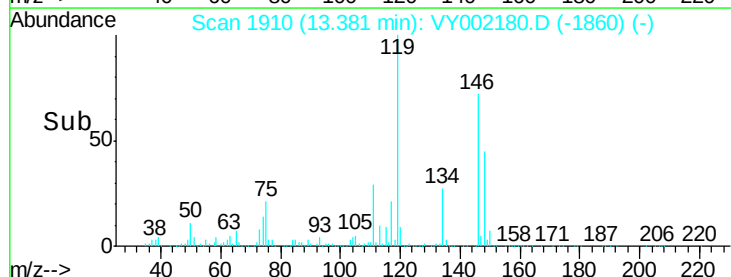
300000

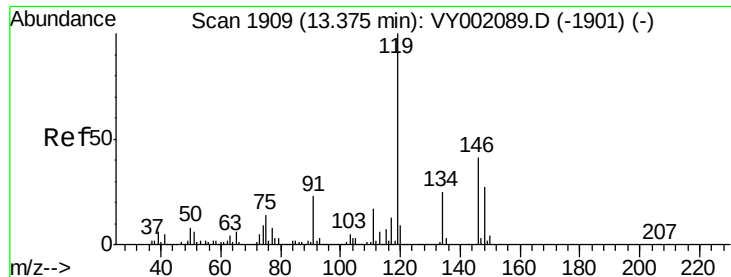
200000

100000

0

Time-->





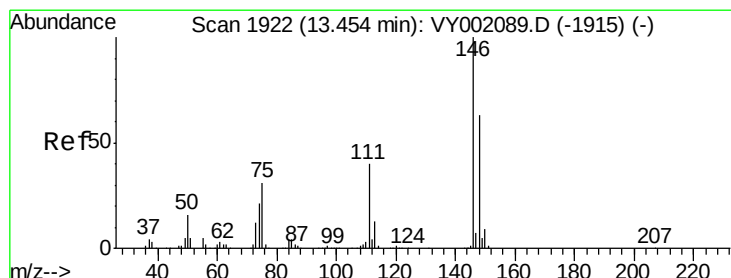
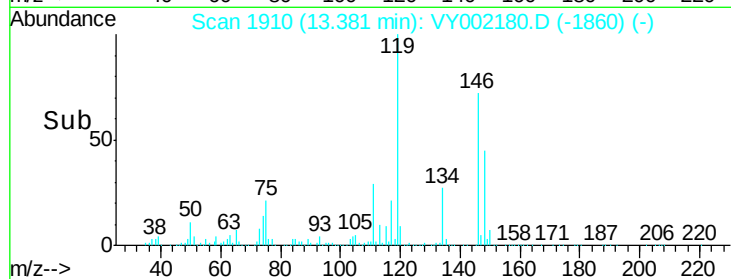
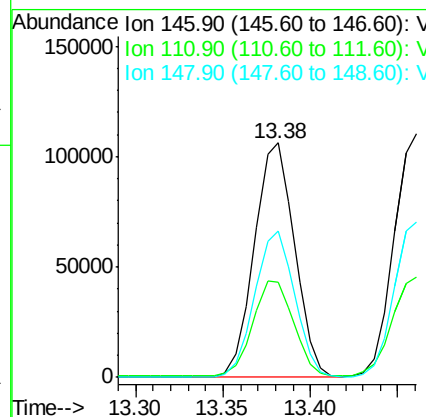
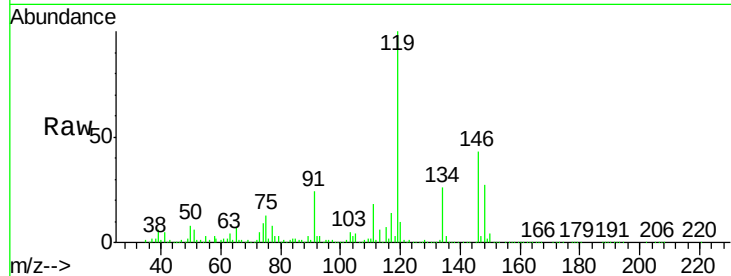
#87
 1,3-Dichlorobenzene
 Concen: 50.125 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.9	62.8
148	62.0	32.1	96.5

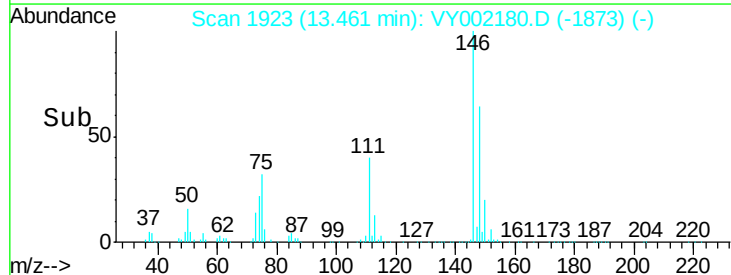
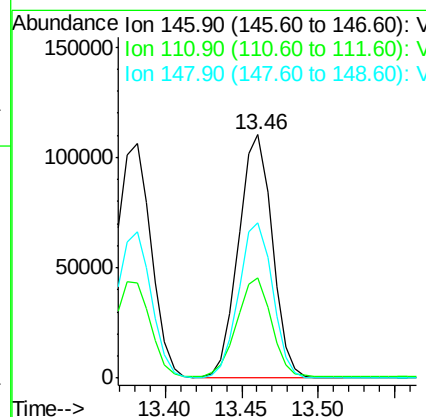
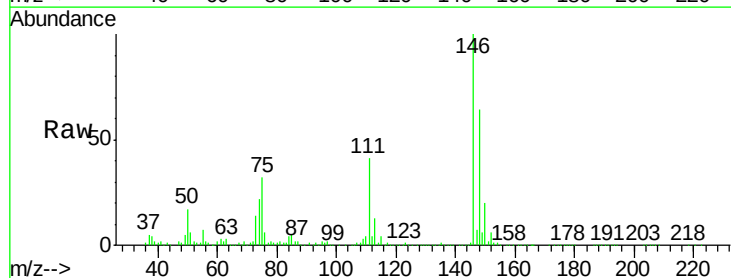
Manual Integrations
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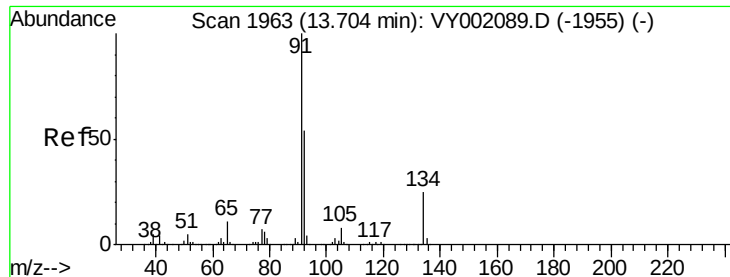
MMDadoda
 4/2/2020 10:12:47 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.555 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	64.4	31.5	94.5





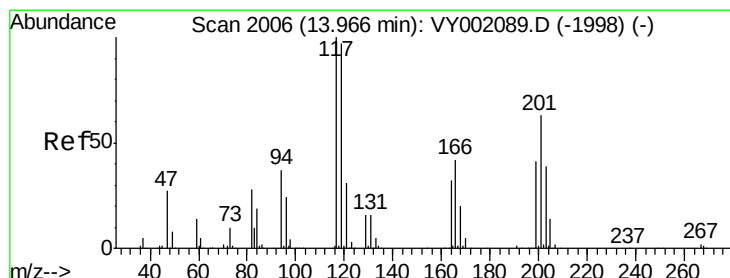
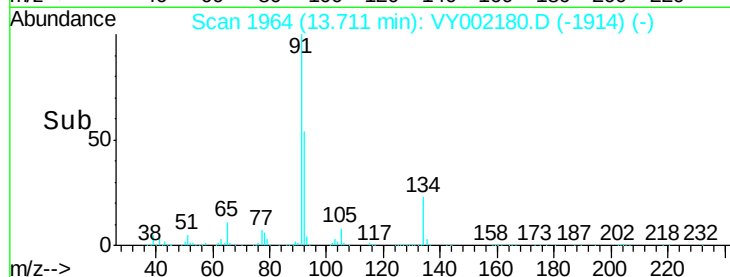
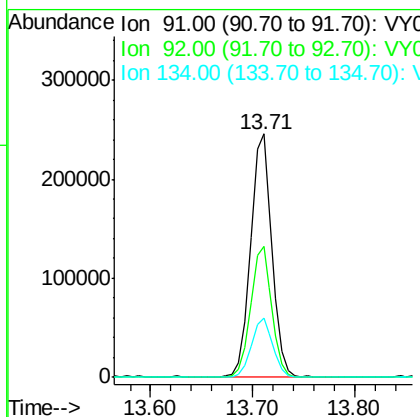
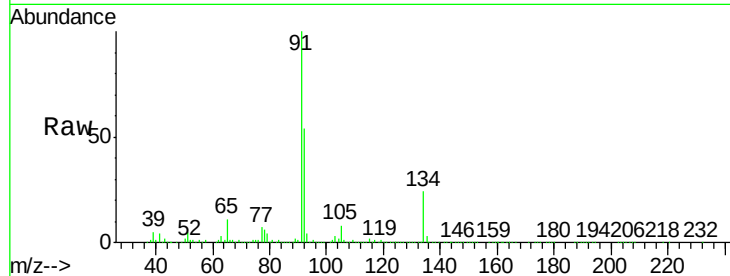
#89
n-Butylbenzene
Concen: 47.932 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	81.0
134	24.4	12.3	36.8

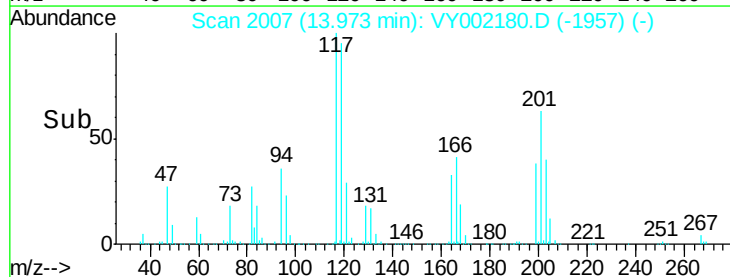
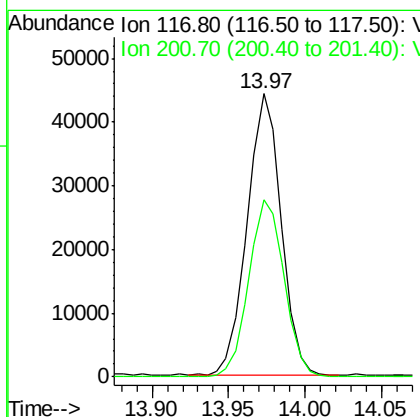
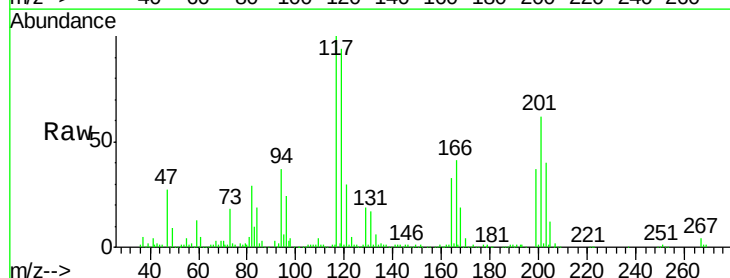
Manual Integrations
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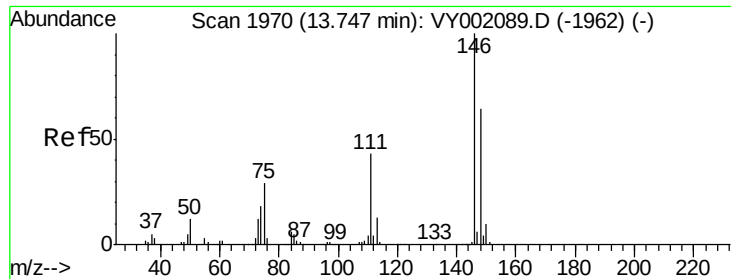
MMDadoda
4/2/2020 10:12:47 AM



#90
Hexachloroethane
Concen: 50.992 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.3	31.6	94.8





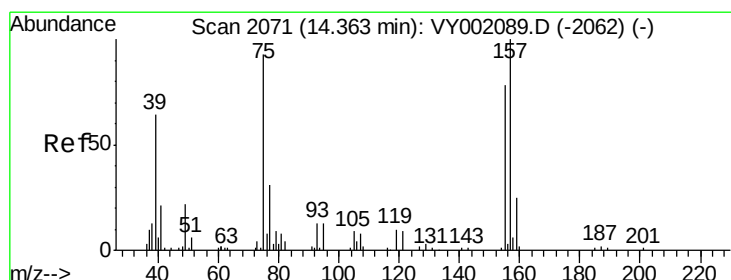
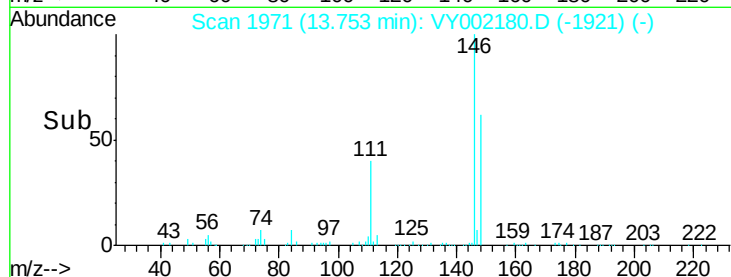
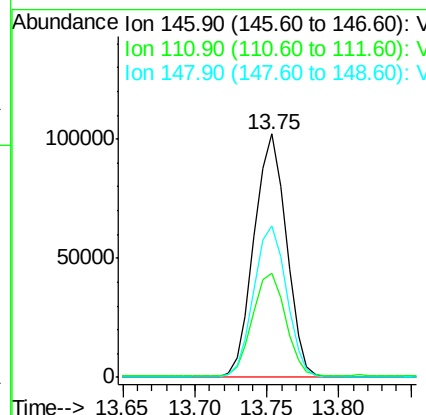
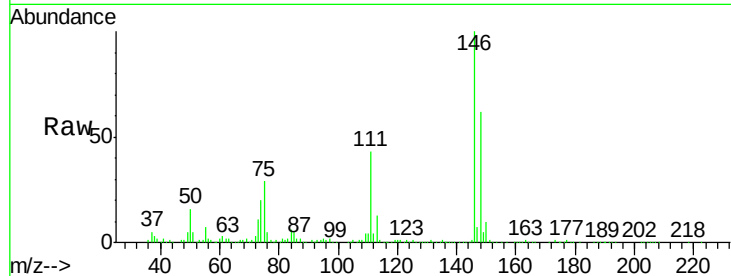
#91
 1,2-Dichlorobenzene
 Concen: 50.767 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.3	63.7
148	62.8	31.8	95.4

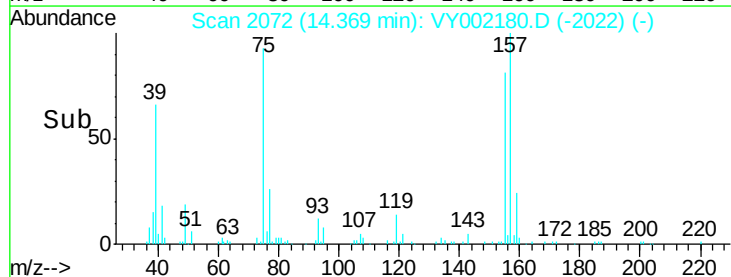
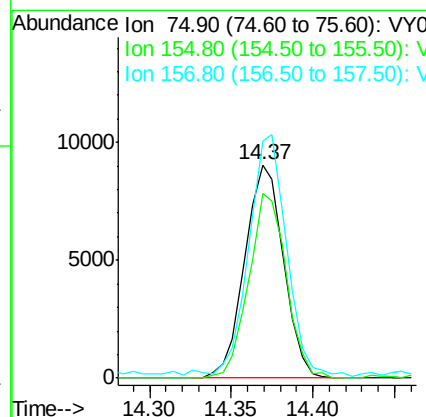
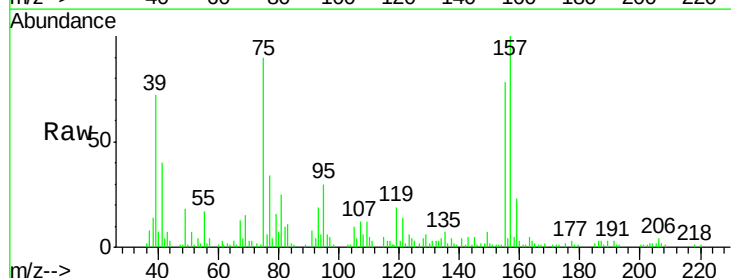
Manual Integrations
 APPROVED

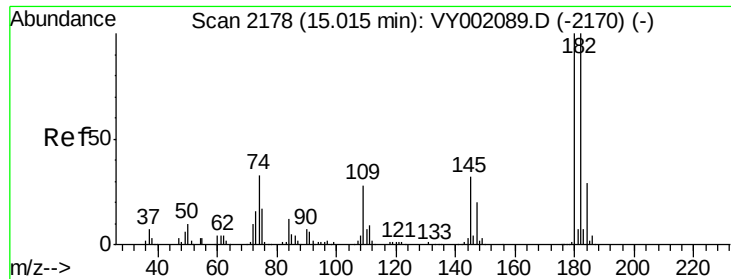
MMDadoda
 4/2/2020 10:12:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.217 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	41.6	124.9
157	111.2	53.4	160.3





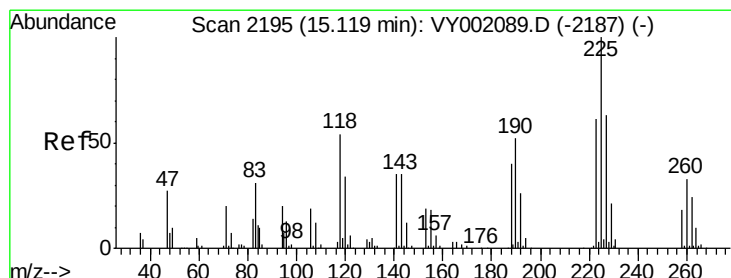
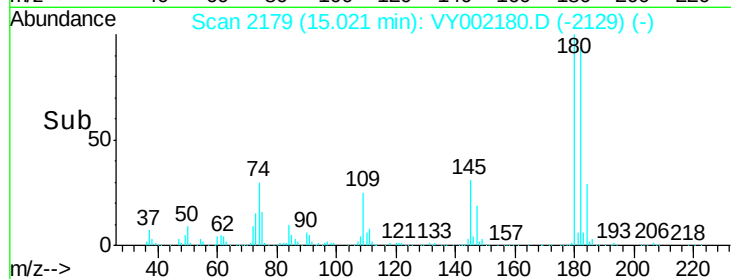
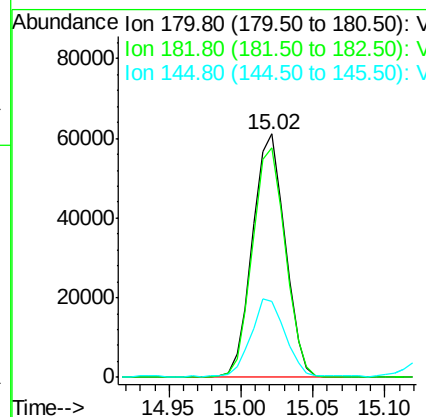
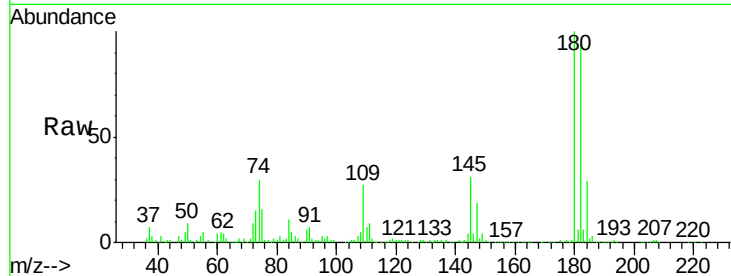
#93
 1,2,4-Trichlorobenzene
 Concen: 47.283 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	48.1	144.3	
145	33.0	15.9	47.6	

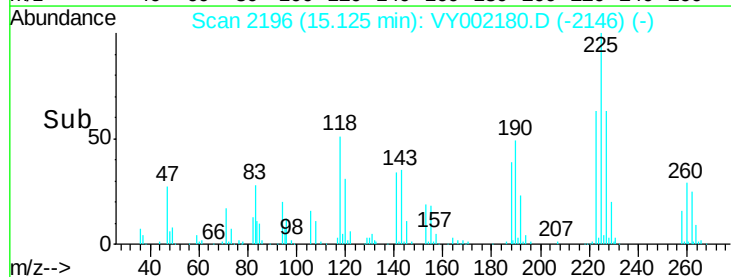
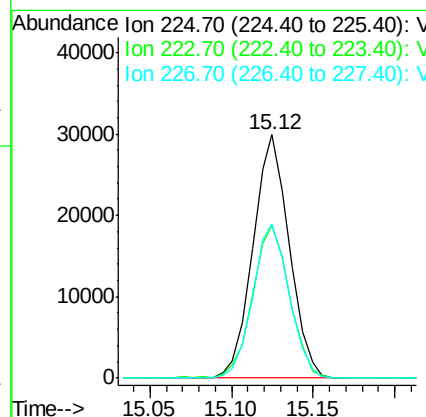
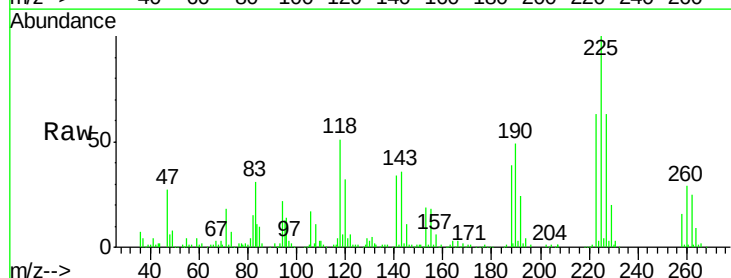
Manual Integrations
 APPROVED

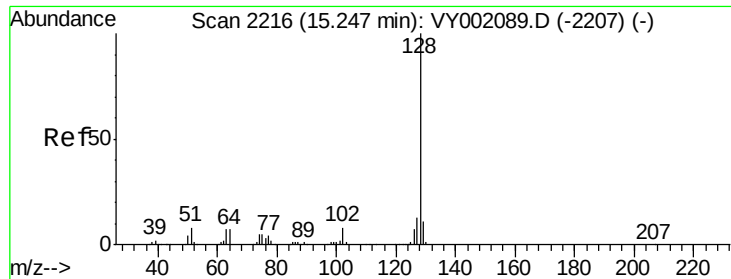
MMDadoda
 4/2/2020 10:12:47 AM



#94
 Hexachlorobutadiene
 Concen: 46.213 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002180.D
 Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	31.1	93.3	
227	63.4	31.6	94.7	





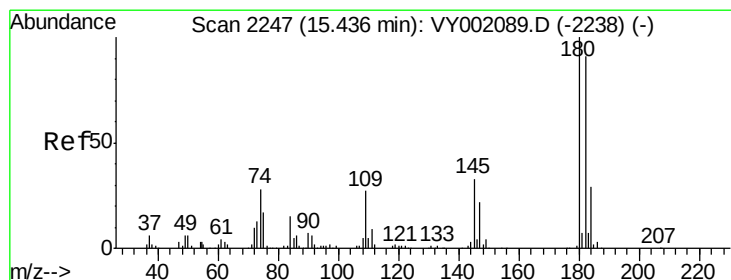
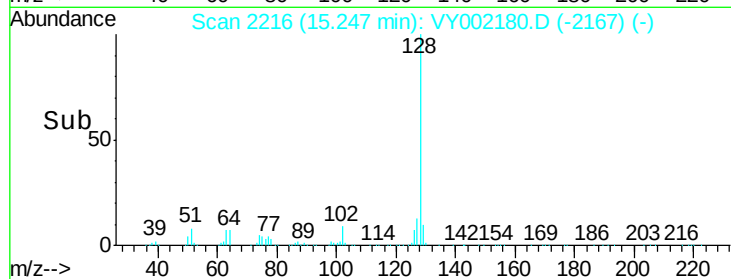
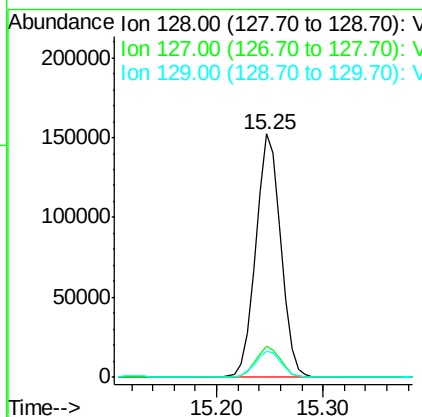
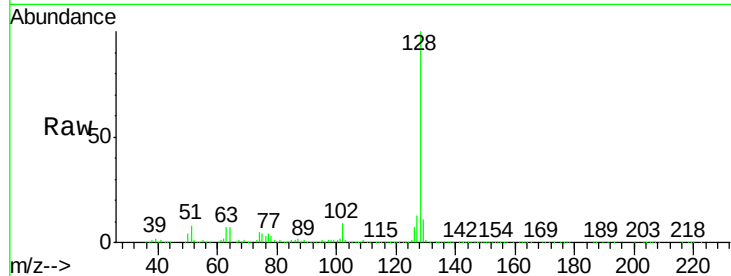
#95
Naphthalene
Concen: 51.819 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	248823		
127	13.0		9.8	14.8
129	11.1		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/2/2020 10:12:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.425 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002180.D
Acq: 01 Apr 2020 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86944		
182	95.9		46.8	140.3
145	34.0		16.7	50.1

