

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001479.D
 Acq On : 03 Feb 2020 17:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:22:00 AM

Quant Time: Feb 04 05:26:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	193693	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	339968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	300725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	140344	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	119433	56.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	7.74	113	113346	56.81	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.62%	
50) Toluene-d8	10.19	98	430617	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.49	95	166120	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	75972	49.737	ug/l	96
3) Chloromethane	2.13	50	85090	36.858	ug/l	99
4) Vinyl Chloride	2.26	62	90664	37.664	ug/l	96
5) Bromomethane	2.66	94	59242	36.542	ug/l	100
6) Chloroethane	2.80	64	58078	37.758	ug/l	99
7) Trichlorofluoromethane	3.14	101	163751	53.168	ug/l	97
8) Diethyl Ether	3.55	74	63803	49.073	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.92	101	103386	52.710	ug/l	99
10) Methyl Iodide	4.11	142	124943	48.298	ug/l	97
11) Tert butyl alcohol	4.99	59	62755	235.730	ug/l	99
12) 1,1-Dichloroethene	3.90	96	99776	48.517	ug/l	99
13) Acrolein	3.75	56	42978	276.286	ug/l	97
14) Allyl chloride	4.51	41	160454	43.751	ug/l	98
15) Acrylonitrile	5.19	53	160041	240.476	ug/l	100
16) Acetone	3.97	43	129365	232.468	ug/l	97
17) Carbon Disulfide	4.22	76	272612	42.149	ug/l	99
18) Methyl Acetate	4.51	43	82089	46.185	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	310819	51.618	ug/l	97
20) Methylene Chloride	4.74	84	117843	44.841	ug/l	94
21) trans-1,2-Dichloroethene	5.25	96	111687	46.753	ug/l	95
22) Diisopropyl ether	6.14	45	341680	43.874	ug/l	92
23) Vinyl Acetate	6.09	43	1090057	215.602	ug/l	96
24) 1,1-Dichloroethane	6.04	63	195422	47.607	ug/l	98
25) 2-Butanone	7.01	43	206975	225.619	ug/l	94
26) 2,2-Dichloropropane	7.00	77	179954	49.216	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	131363	49.204	ug/l	97
28) Bromochloromethane	7.35	49	89519	52.881	ug/l	90
29) Tetrahydrofuran	7.37	42	134888	226.009	ug/l	95
30) Chloroform	7.53	83	201932	50.188	ug/l	98
31) Cyclohexane	7.80	56	174673	42.858	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	178678	52.594	ug/l	97
36) 1,1-Dichloropropene	7.94	75	156083	48.596	ug/l	99
37) Ethyl Acetate	7.10	43	90213	45.972	ug/l	97
38) Carbon Tetrachloride	7.92	117	154772	54.069	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	197937	48.107	ug/l	96
40) Benzene	8.18	78	456825	47.435	ug/l	99
41) Methacrylonitrile	7.34	41	43707m	43.161	ug/l	
42) 1,2-Dichloroethane	8.25	62	134789	50.090	ug/l	99
43) Isopropyl Acetate	8.29	43	178140	46.685	ug/l	97
44) Trichloroethene	8.95	130	123289	49.888	ug/l	97
45) 1,2-Dichloropropane	9.23	63	115835	47.580	ug/l	99
46) Dibromomethane	9.32	93	66075	50.555	ug/l	98
47) Bromodichloromethane	9.51	83	162090	51.879	ug/l	99
48) Methyl methacrylate	9.30	41	79916	46.070	ug/l	96
49) 1,4-Dioxane	9.31	88	19409	1053.059	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	452278	230.160	ug/l	96
52) Toluene	10.25	92	291875	47.811	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	176210	50.883	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	198827	50.021	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	97497	50.540	ug/l	98
56) Ethyl methacrylate	10.52	69	144803	49.664	ug/l	93
57) 1,3-Dichloropropane	10.80	76	168418	50.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	261844	259.528	ug/l	96
59) 2-Hexanone	10.84	43	319067	233.233	ug/l	95
60) Dibromochloromethane	10.99	129	115310	53.444	ug/l	99
61) 1,2-Dibromoethane	11.10	107	95501	52.368	ug/l	100
64) Tetrachloroethene	10.72	164	111815	58.209	ug/l	98
65) Chlorobenzene	11.52	112	312012	49.222	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	114513	52.936	ug/l	98
67) Ethyl Benzene	11.60	91	570507	48.837	ug/l	99
68) m/p-Xylenes	11.70	106	427769	98.044	ug/l	99
69) o-Xylene	12.03	106	201709	48.058	ug/l	97
70) Styrene	12.05	104	356991	48.477	ug/l	99
71) Bromoform	12.21	173	67266	52.091	ug/l #	100
73) Isopropylbenzene	12.33	105	557328	50.326	ug/l	99
74) N-amyl acetate	12.14	43	162466	44.818	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	119480	50.377	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	95399m	56.411	ug/l	
77) Bromobenzene	12.61	156	121793	49.653	ug/l	99
78) n-propylbenzene	12.67	91	664584	49.858	ug/l	99
79) 2-Chlorotoluene	12.76	91	380558	49.975	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	478466	51.760	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	44793	50.123	ug/l	98
82) 4-Chlorotoluene	12.86	91	399974	49.173	ug/l	99
83) tert-Butylbenzene	13.08	119	391463	50.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	482545	51.994	ug/l	100
85) sec-Butylbenzene	13.25	105	553476	49.994	ug/l	99
86) p-Isopropyltoluene	13.38	119	484698	49.682	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	230958	48.891	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	233116	48.602	ug/l	99
89) n-Butylbenzene	13.70	91	477909	48.674	ug/l	99
90) Hexachloroethane	13.97	117	95451	51.616	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	214514	49.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21443	52.395	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	136746	46.767	ug/l	98
94) Hexachlorobutadiene	15.12	225	69447	48.778	ug/l	97
95) Naphthalene	15.24	128	363194	54.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	122604	47.799	ug/l	97

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

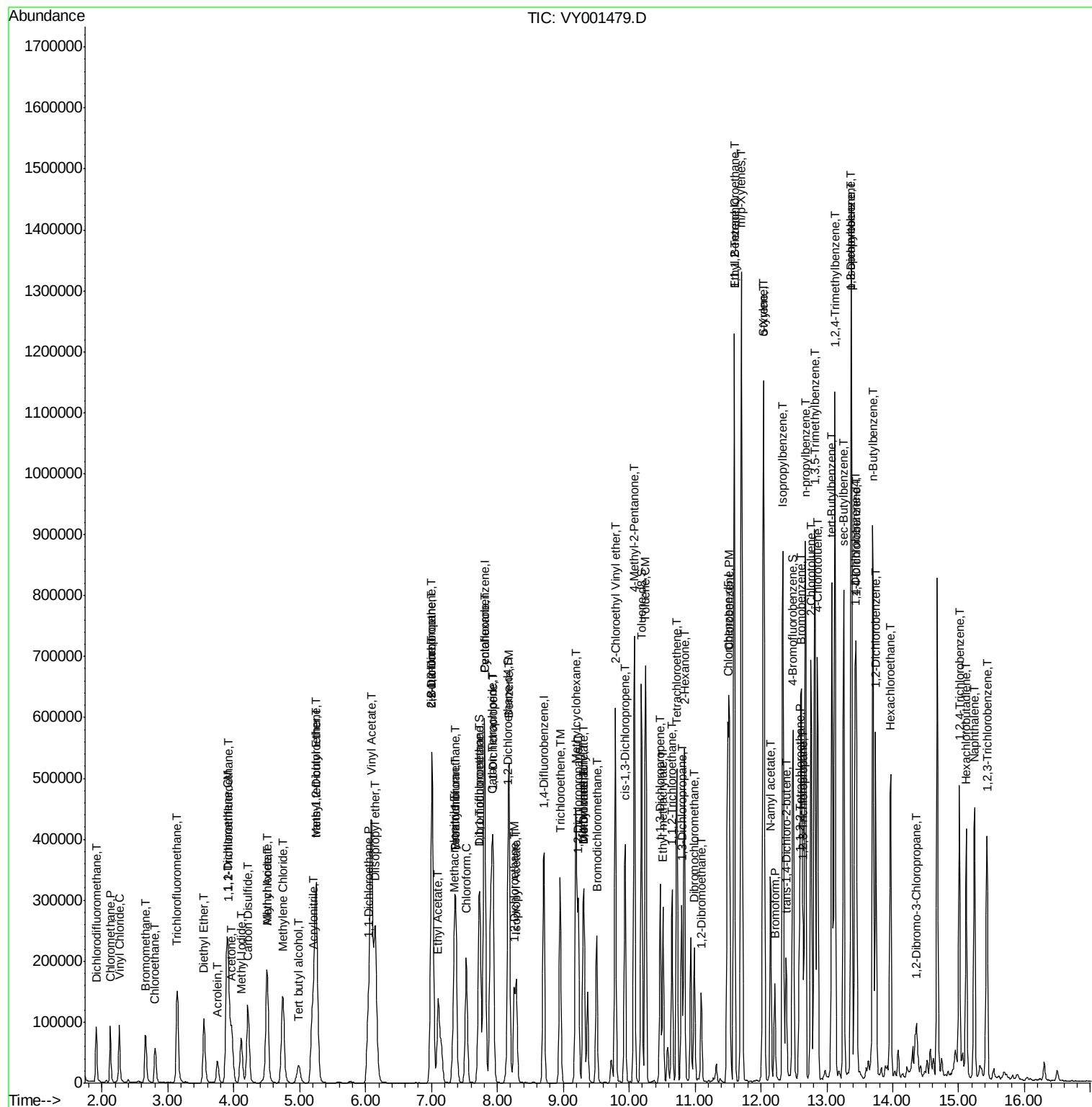
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Operator : SY/MD
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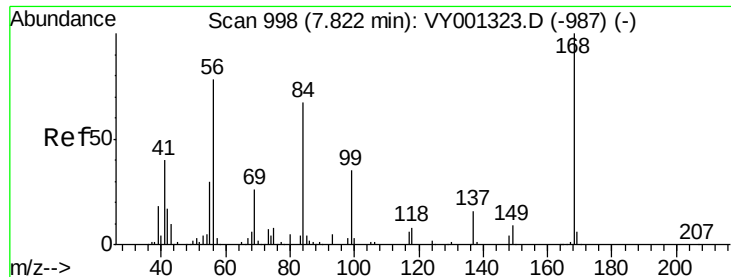
Instrument :
MSVOA_Y
Client Sample Id :
VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 193693

Ion Ratio Lower Upper

168 100

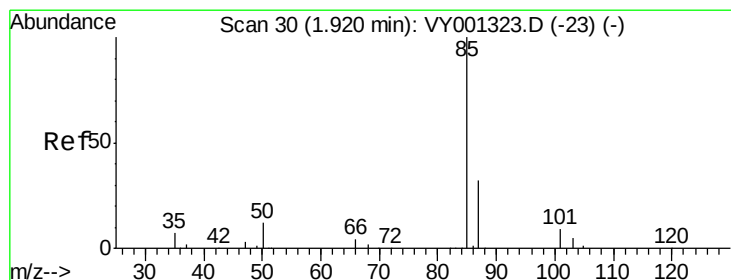
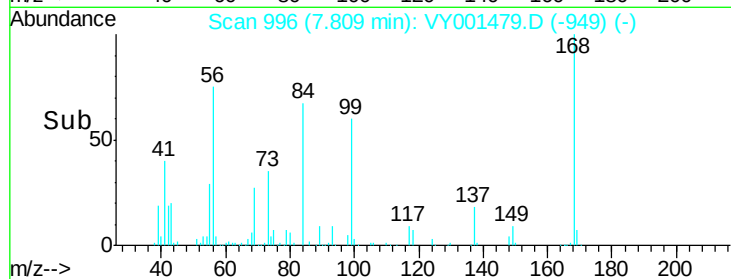
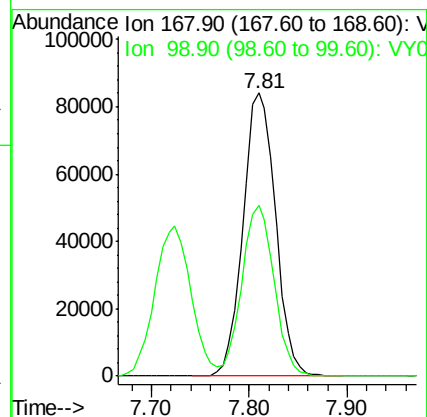
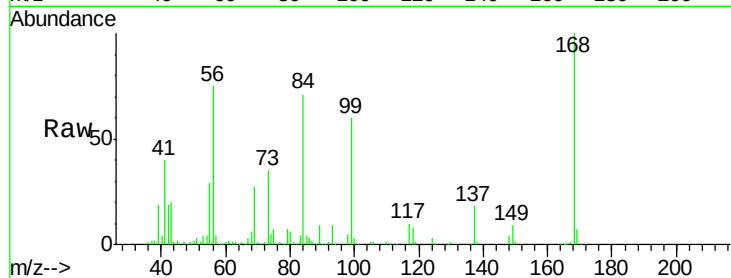
99 60.4 44.3 66.5

Manual Integrations

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2/4/2020 11:22:00 AM



#2

Dichlorodifluoromethane

Concen: 49.737 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001479.D

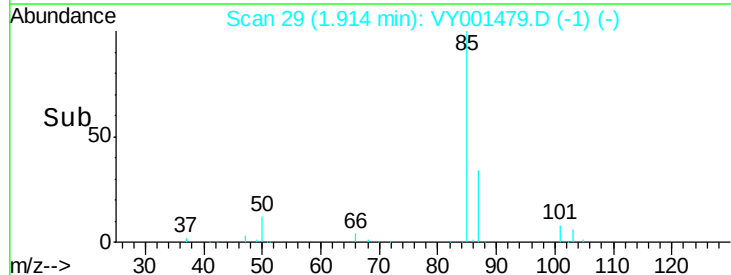
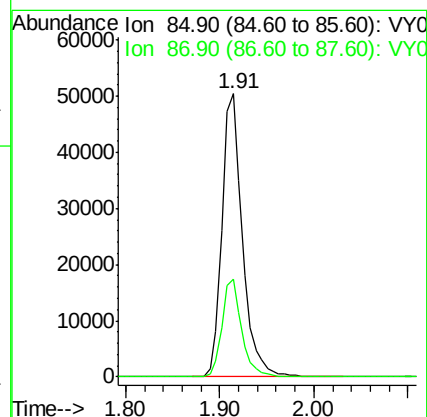
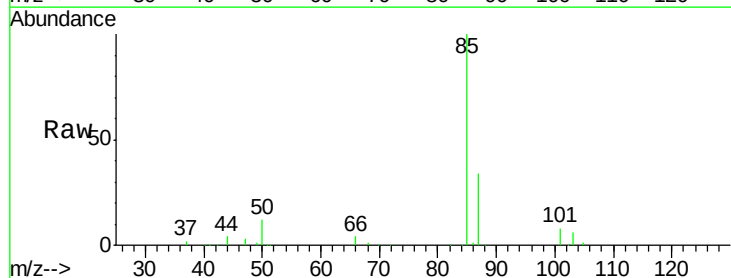
Acq: 03 Feb 2020 17:35

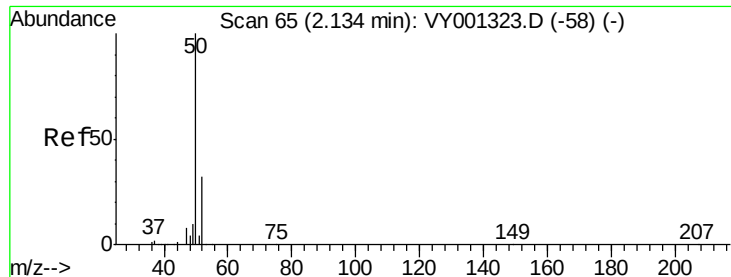
Tgt Ion: 85 Resp: 75972

Ion Ratio Lower Upper

85 100

87 34.4 16.0 48.0





#3

Chloromethane

Concen: 36.858 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 85090

Ion Ratio Lower Upper

50 100

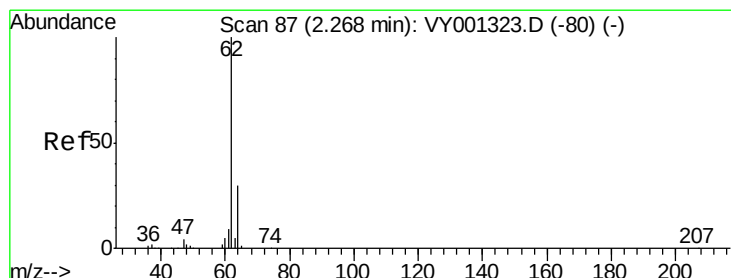
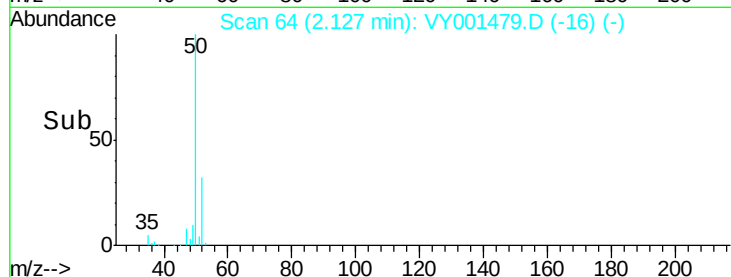
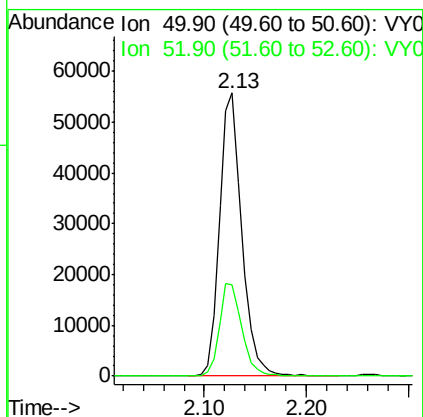
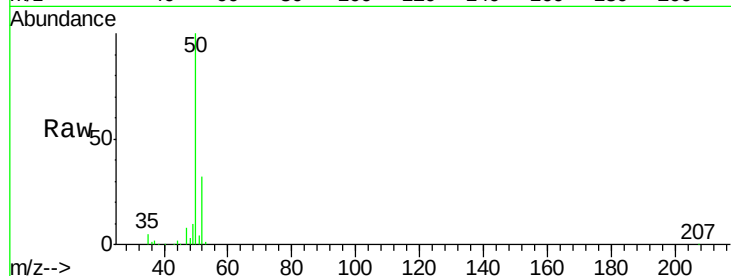
52 32.5 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 37.664 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001479.D

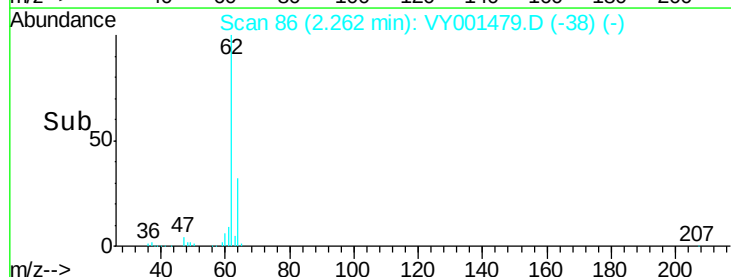
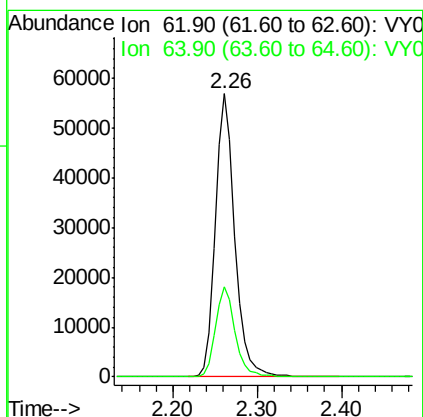
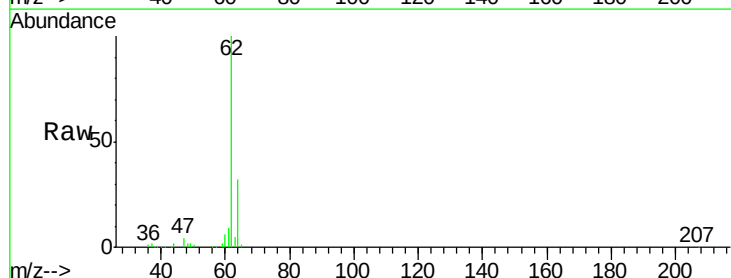
Acq: 03 Feb 2020 17:35

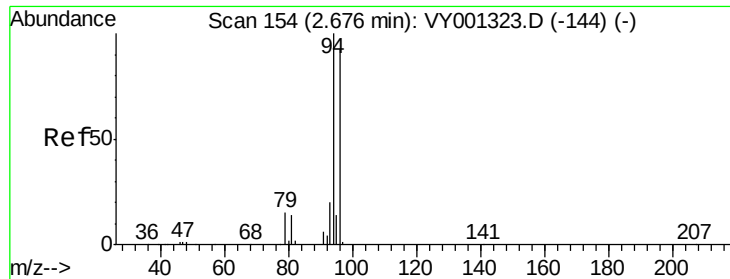
Tgt Ion: 62 Resp: 90664

Ion Ratio Lower Upper

62 100

64 32.0 23.9 35.9





#5

Bromomethane

Concen: 36.542 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59242

Ion Ratio Lower Upper

94 100

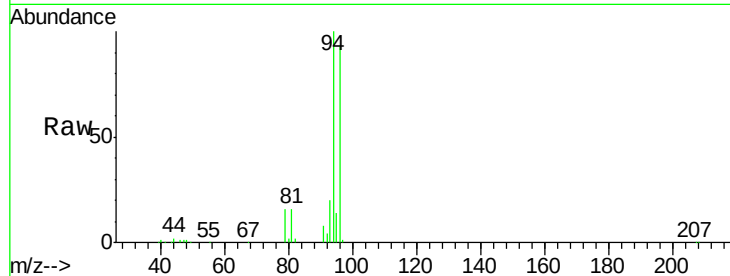
96 93.3 74.6 111.8

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

2.66

30000

25000

20000

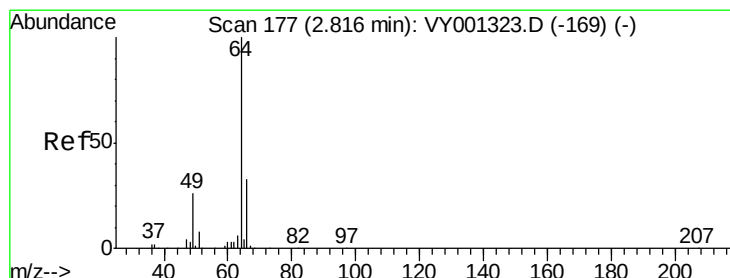
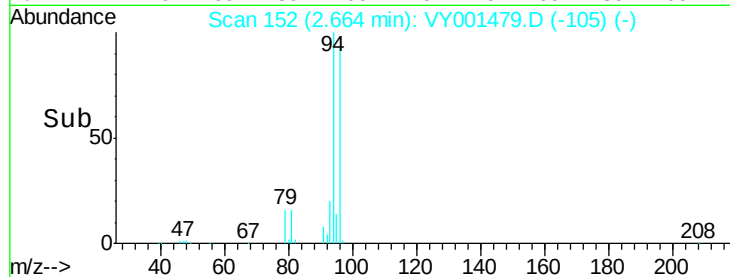
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 37.758 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001479.D

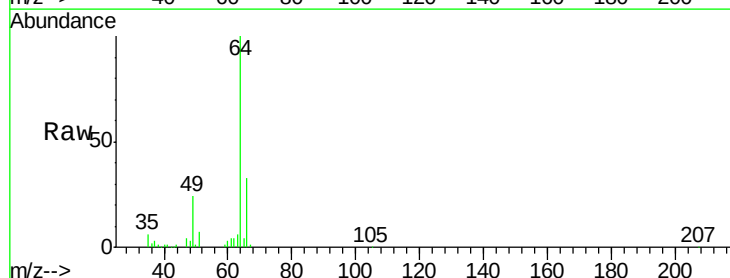
Acq: 03 Feb 2020 17:35

Tgt Ion: 64 Resp: 58078

Ion Ratio Lower Upper

64 100

66 32.7 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

30000

25000

20000

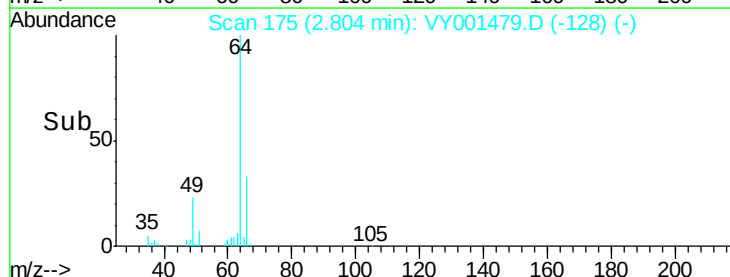
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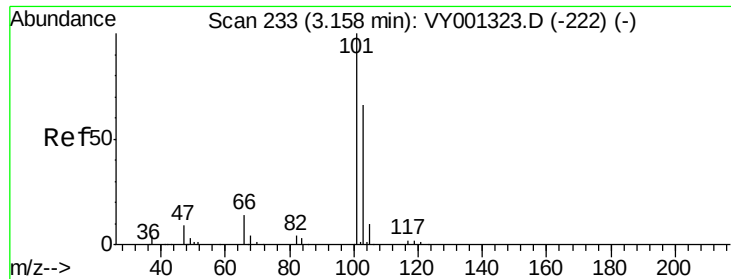
10000

5000

0

Time-->





#7

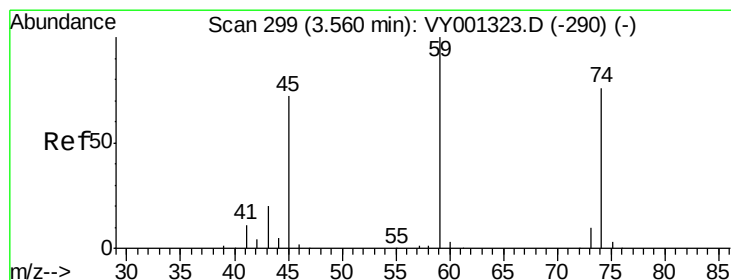
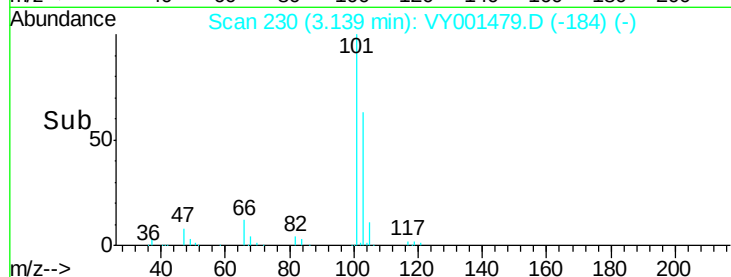
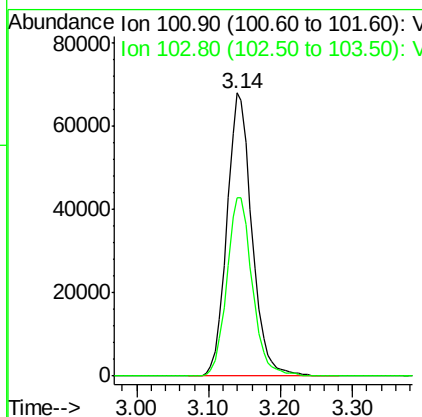
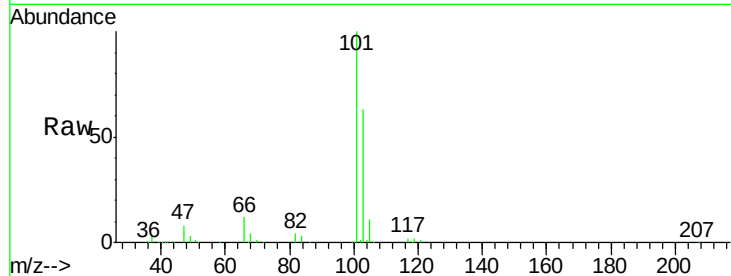
Trichlorofluoromethane
Concen: 53.168 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	52.5	78.7

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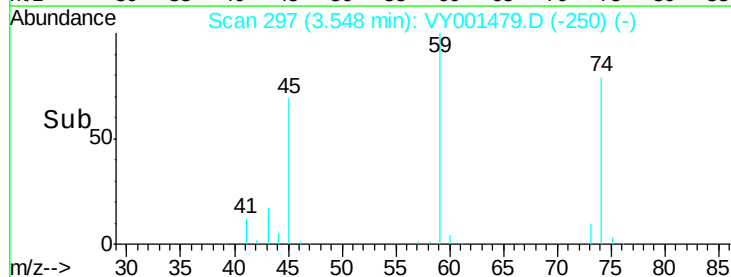
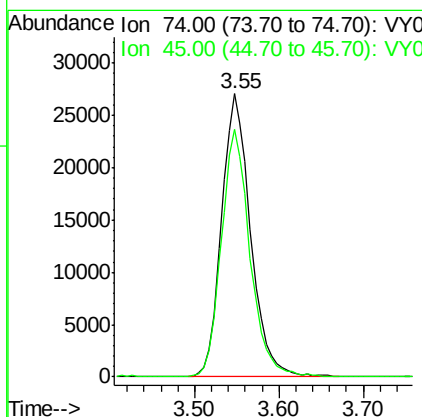
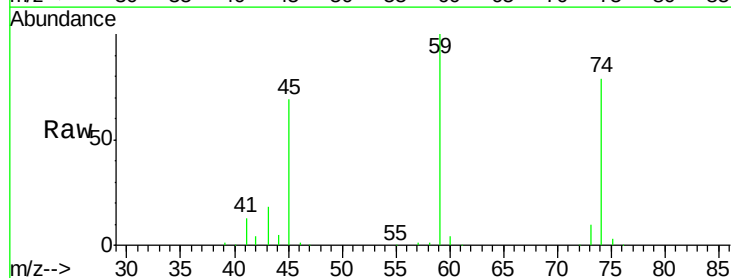
MMDadoda
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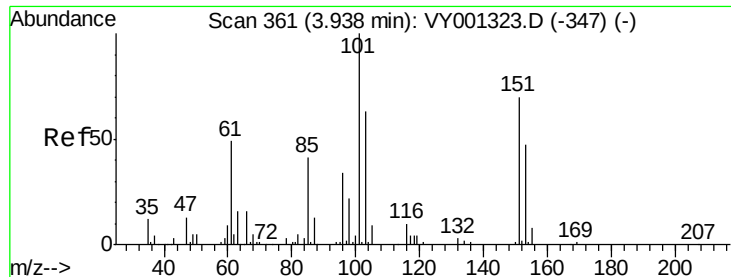


#8

Diethyl Ether
Concen: 49.073 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.7	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.710 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

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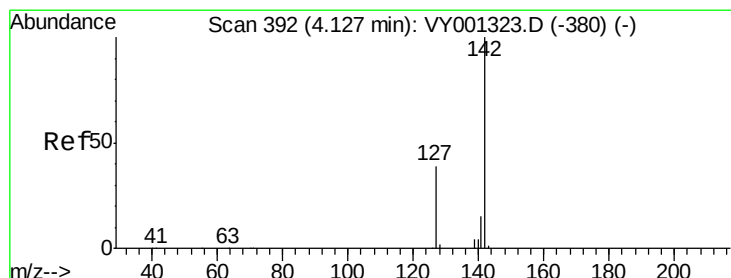
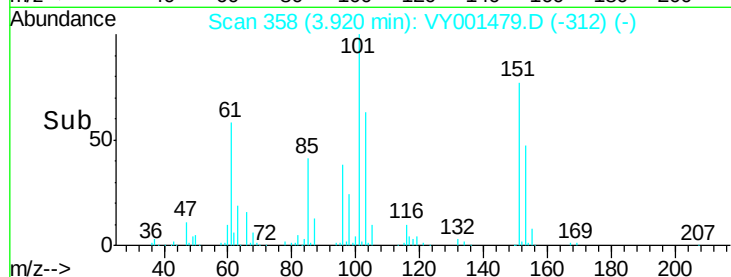
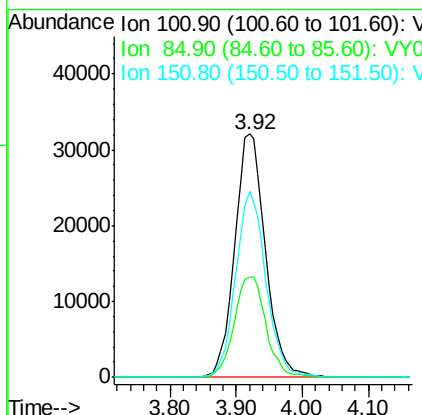
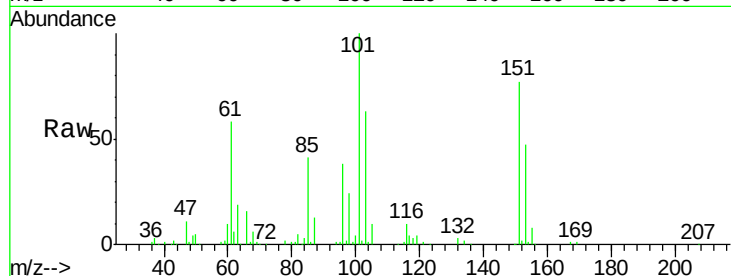
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	103386
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.9	52.3
151	75.3	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 48.298 ug/l

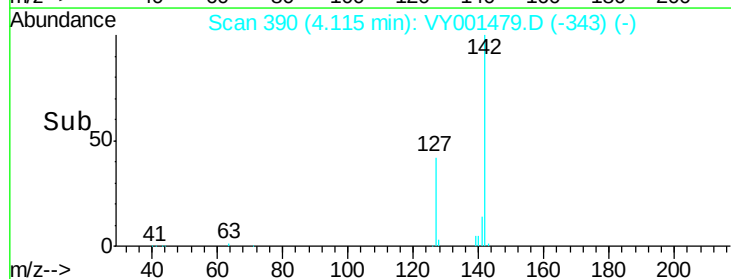
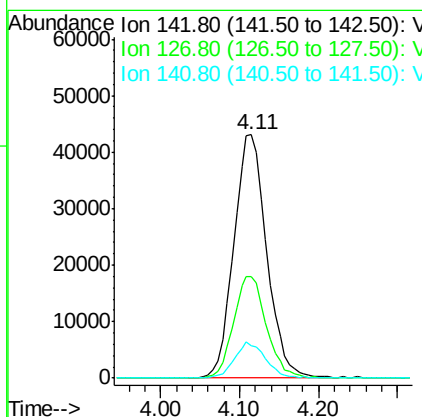
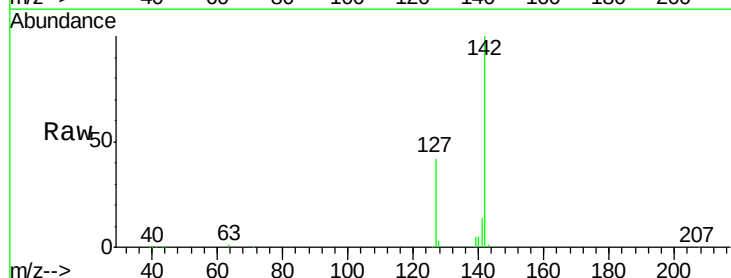
RT: 4.11 min Scan# 390

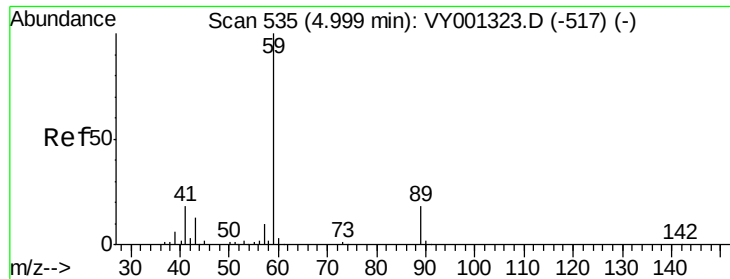
Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	142	Resp:	124943
Ion Ratio	Lower	Upper	
142	100		
127	41.8	31.6	47.4
141	14.0	11.2	16.8





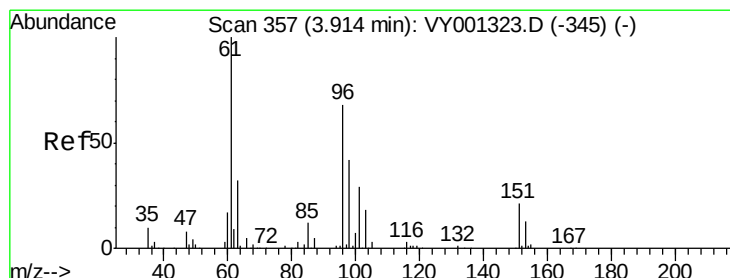
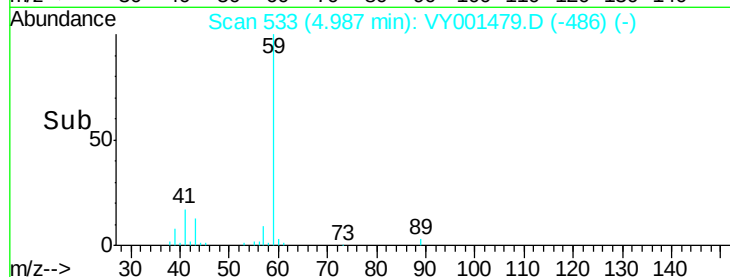
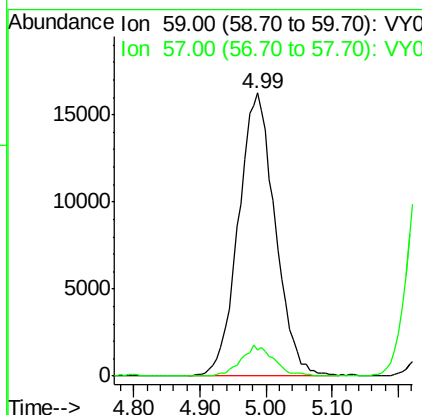
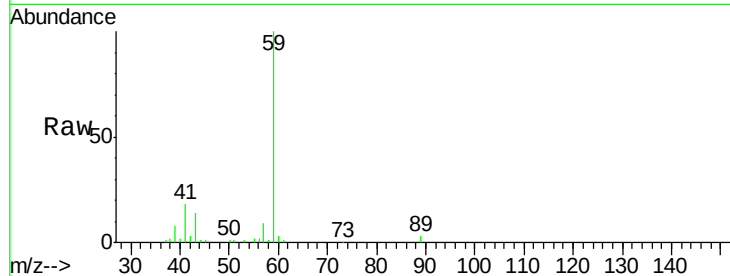
#11
Tert butyl alcohol
Concen: 235.730 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.4	11.2

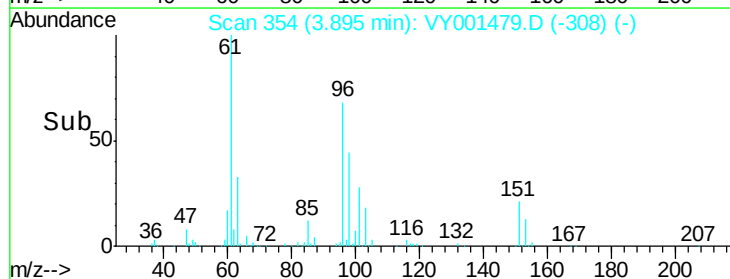
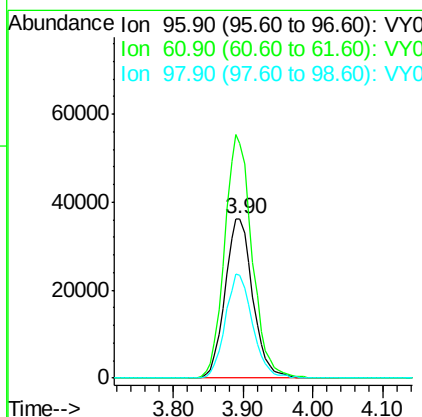
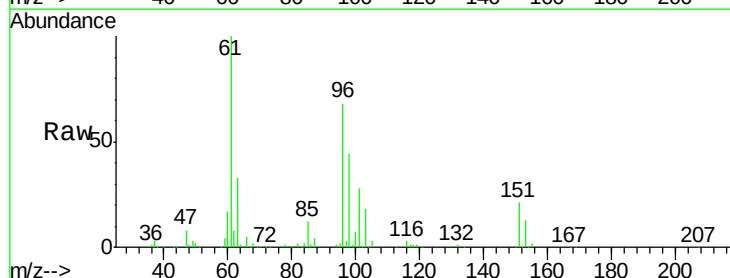
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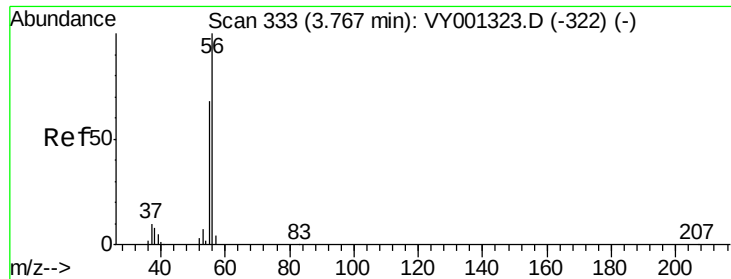
MMDadoda
2/4/2020 11:22:00 AM



#12
1,1-Dichloroethene
Concen: 48.517 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.9	118.0	177.0
98	64.2	49.4	74.2





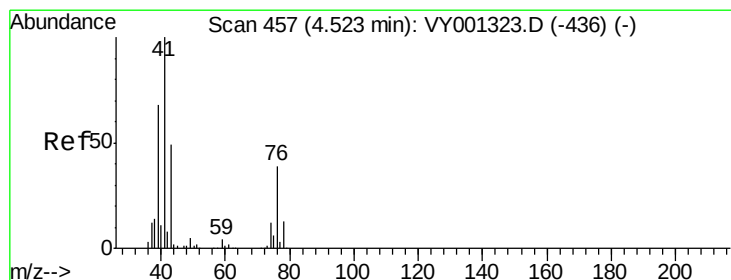
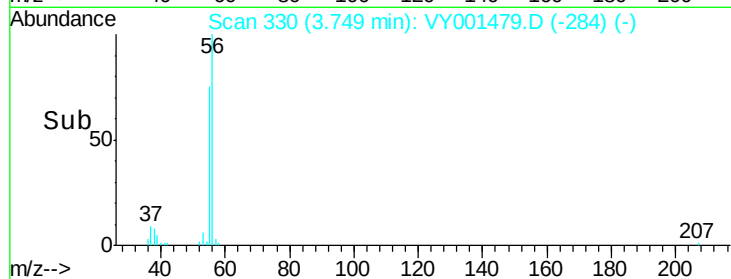
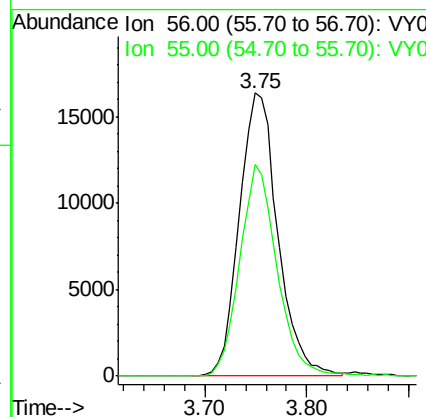
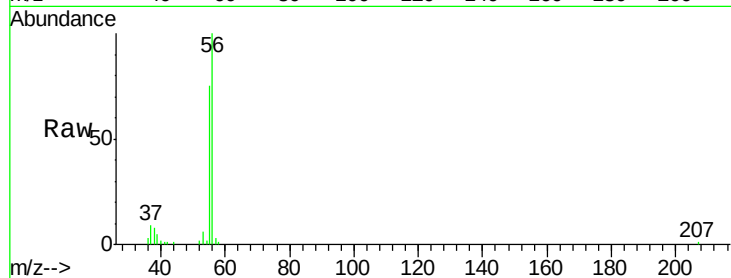
#13
Acrolein
Concen: 276.286 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	55.9	83.9

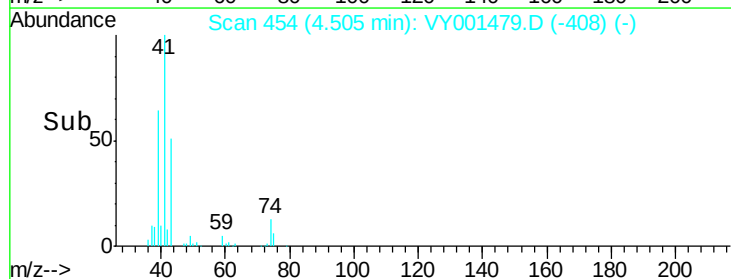
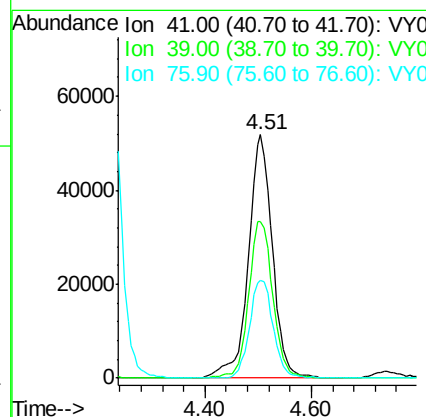
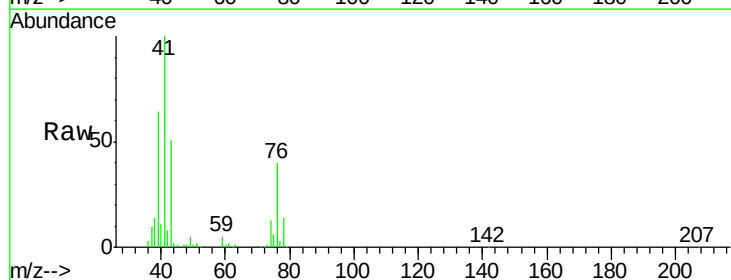
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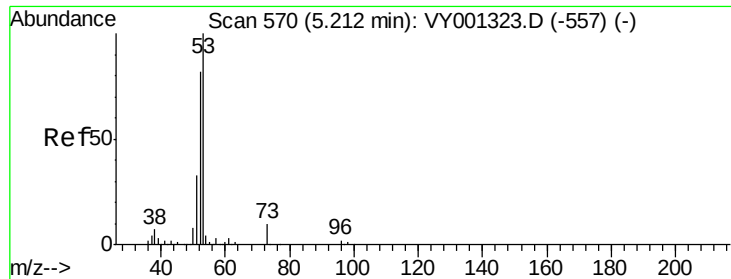
MMDadoda
2/4/2020 11:22:00 AM



#14
Allyl chloride
Concen: 43.751 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	52.2	78.4
76	39.3	29.1	43.7





#15

Acrylonitrile

Concen: 240.476 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

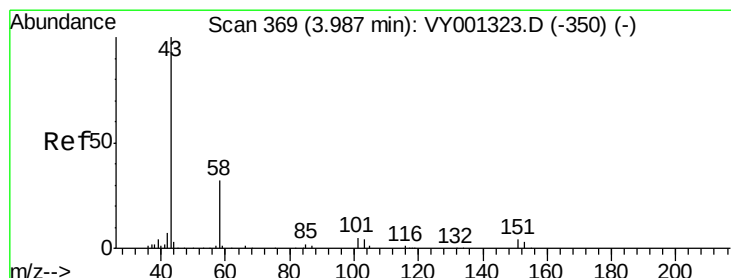
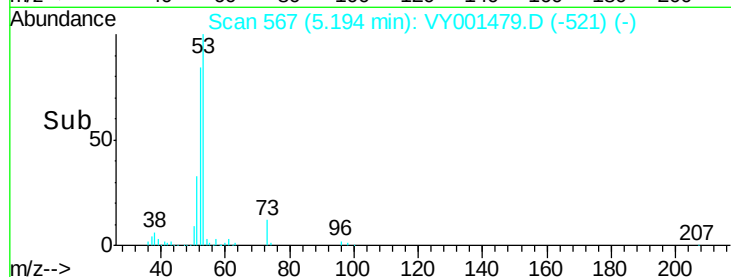
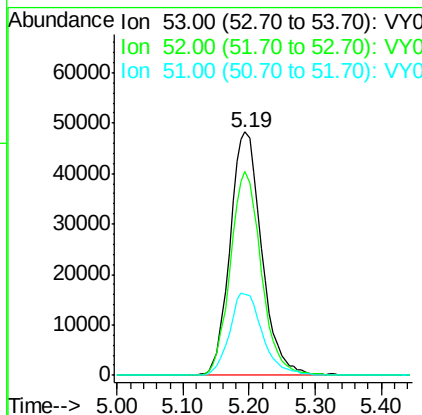
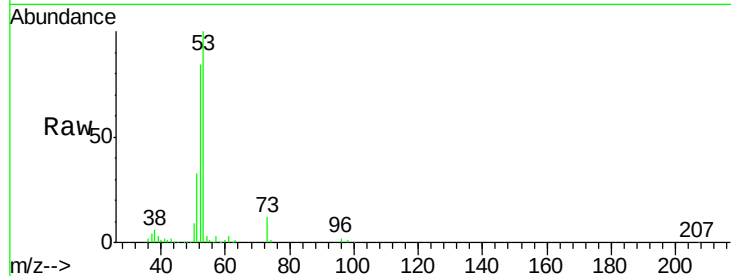
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	160041
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.3	97.9
51	35.3	28.4	42.6

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#16

Acetone

Concen: 232.468 ug/l

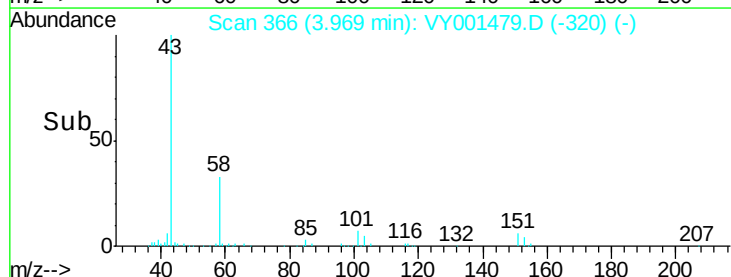
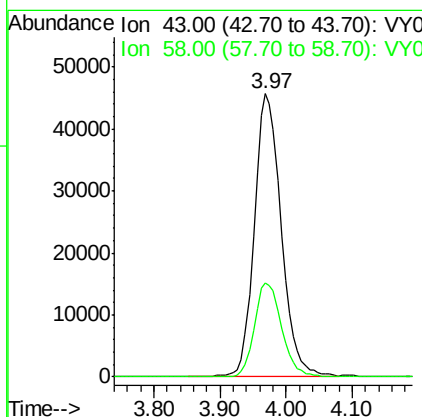
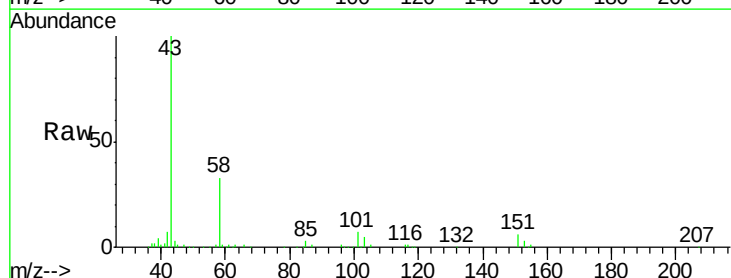
RT: 3.97 min Scan# 366

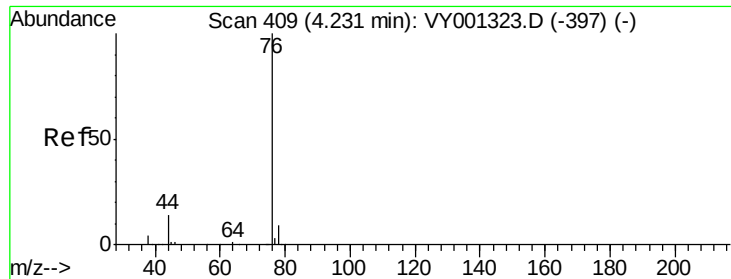
Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	43	Resp:	129365
Ion Ratio	Lower	Upper	
43	100		
58	33.2	25.4	38.0





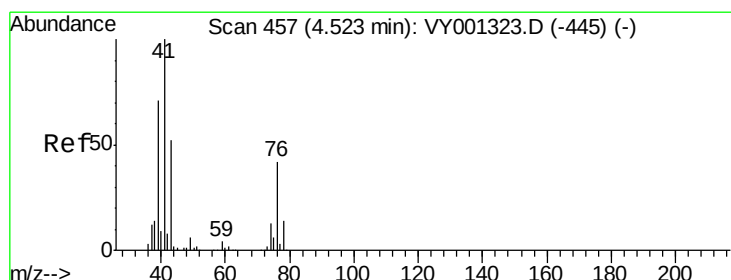
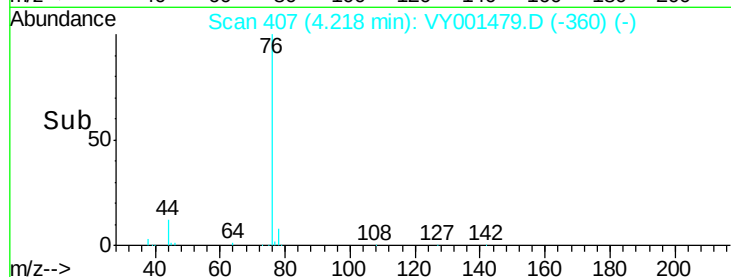
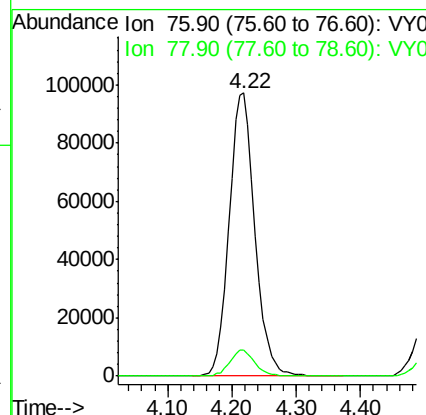
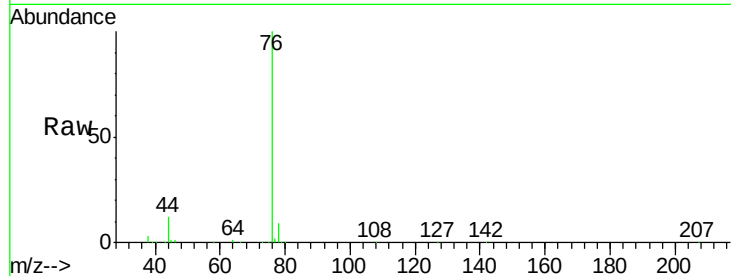
#17
Carbon Disulfide
Concen: 42.149 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

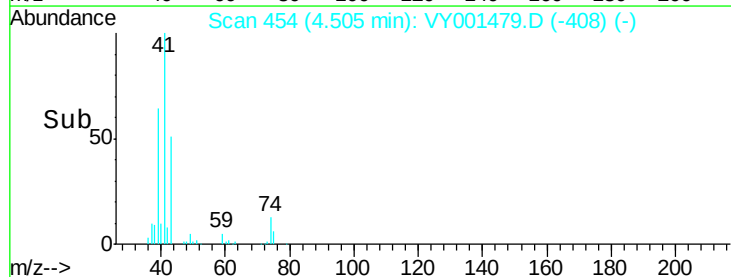
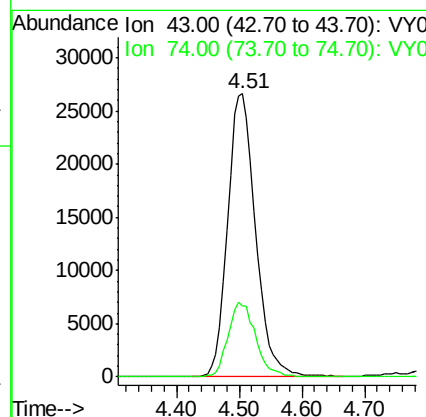
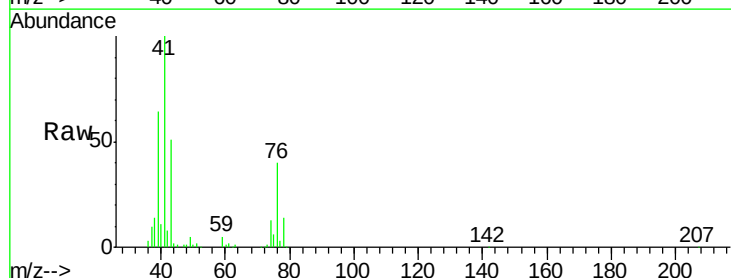
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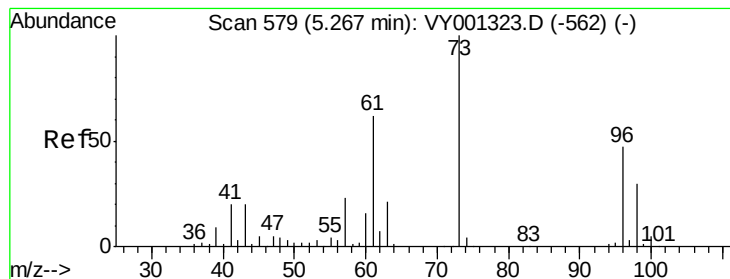
MMDadoda
2/4/2020 11:22:00 AM



#18
Methyl Acetate
Concen: 46.185 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.4	29.2





#19

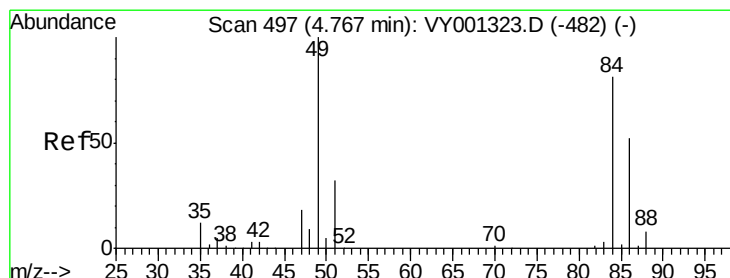
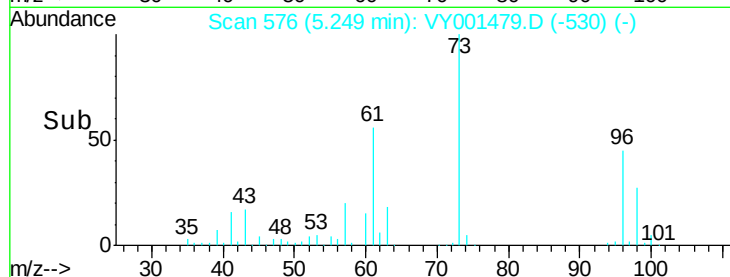
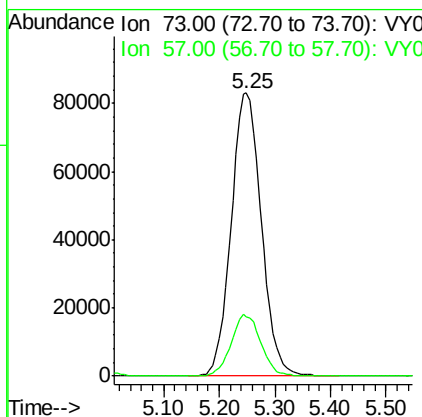
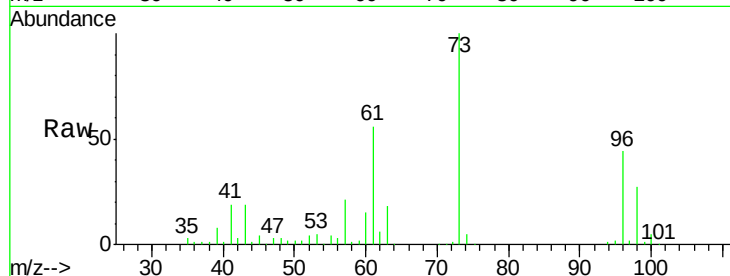
Methyl tert-butyl Ether
 Concen: 51.618 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 310819
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.2

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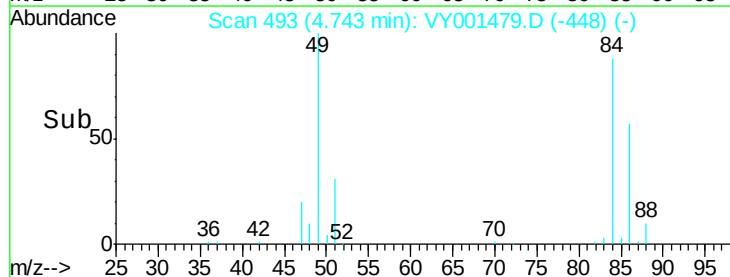
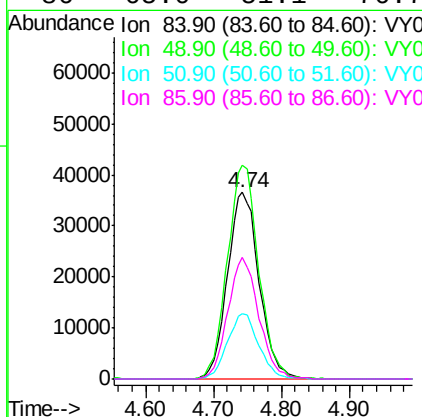
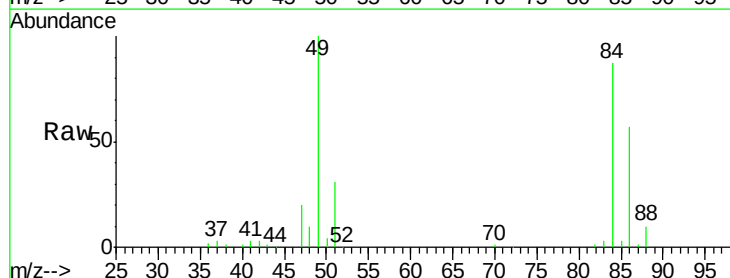
MMDadoda
 2/4/2020 11:22:00 AM

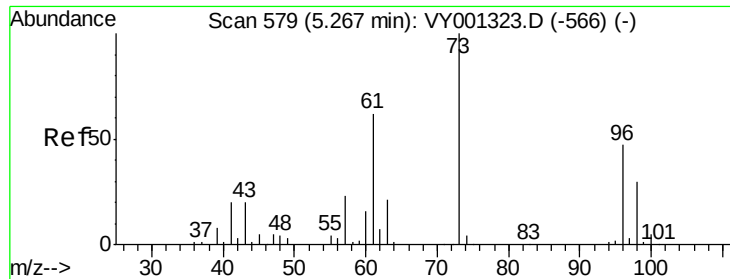


#20

Methylene Chloride
 Concen: 44.841 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 84 Resp: 117843
 Ion Ratio Lower Upper
 84 100
 49 114.6 98.3 147.5
 51 35.1 31.6 47.4
 86 65.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.753 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

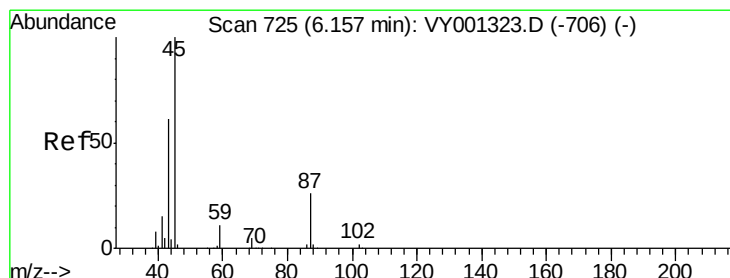
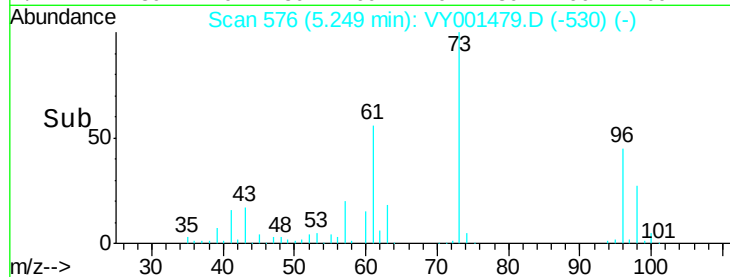
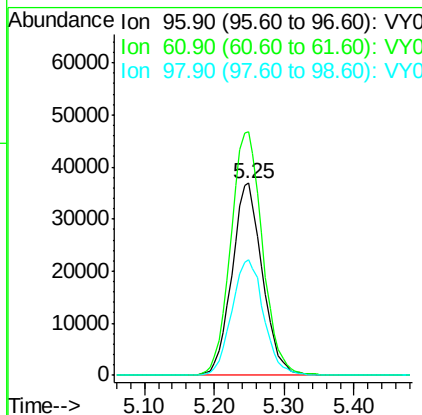
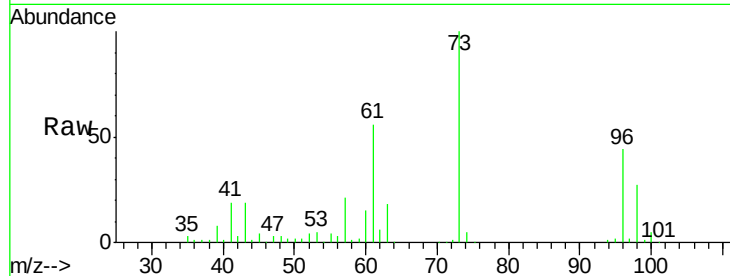
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	111687
Ion	Ratio	Lower	Upper
96	100		
61	126.6	106.8	160.2
98	60.4	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 43.874 ug/l

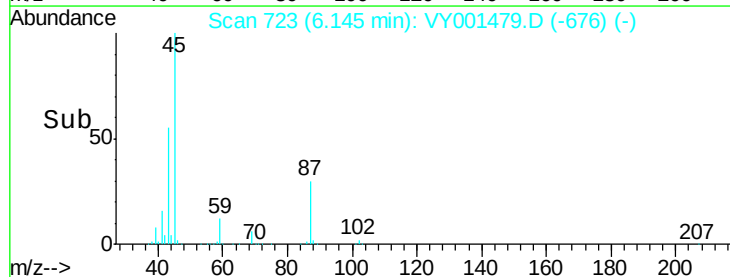
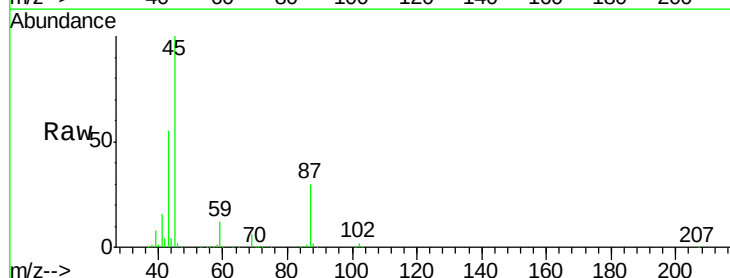
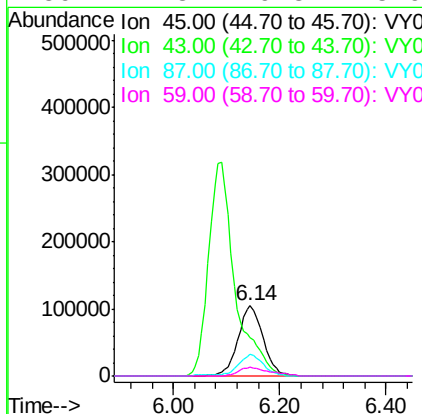
RT: 6.14 min Scan# 723

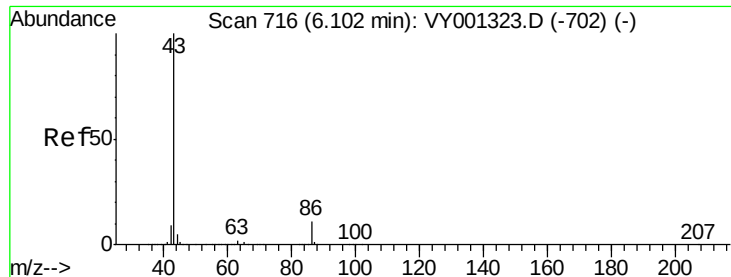
Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	45	Resp:	341680
Ion	Ratio	Lower	Upper
45	100		
43	54.4	49.2	73.8
87	30.4	21.4	32.2
59	12.3	9.3	13.9





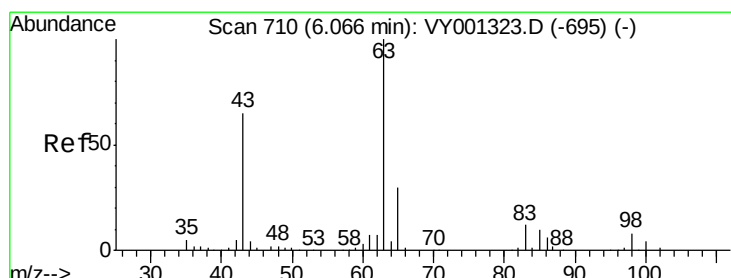
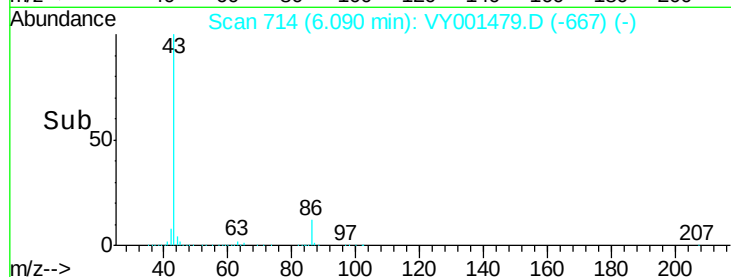
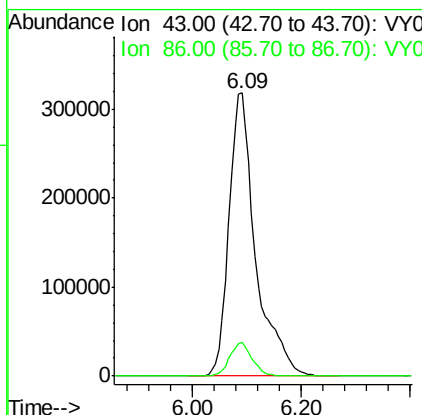
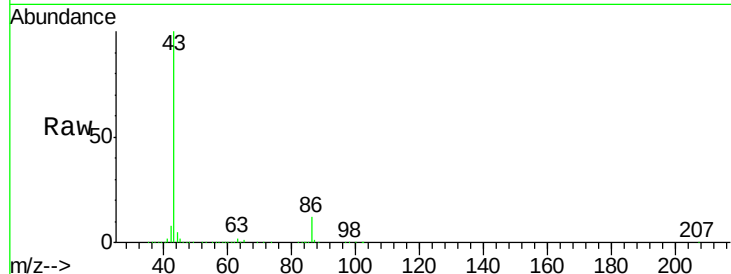
#23
 Vinyl Acetate
 Concen: 215.602 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1090057
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.6 13.0

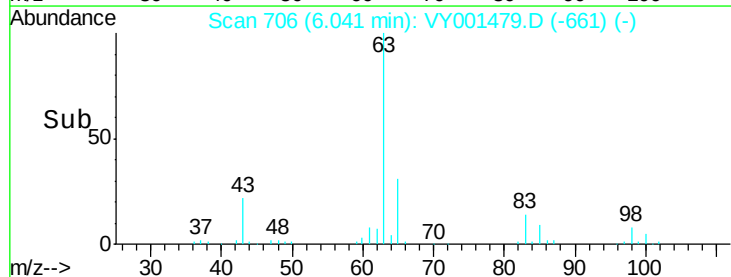
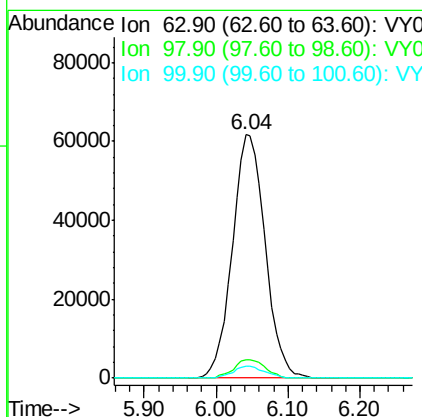
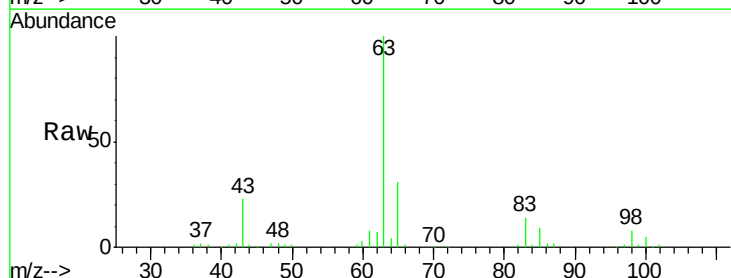
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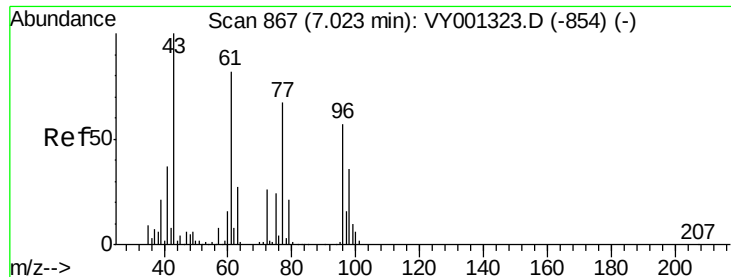
MMDadoda
 2/4/2020 11:22:00 AM



#24
 1,1-Dichloroethane
 Concen: 47.607 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 63 Resp: 195422
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 4.8 2.1 6.3





#25

2-Butanone

Concen: 225.619 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 206975

Ion Ratio Lower Upper

43 100

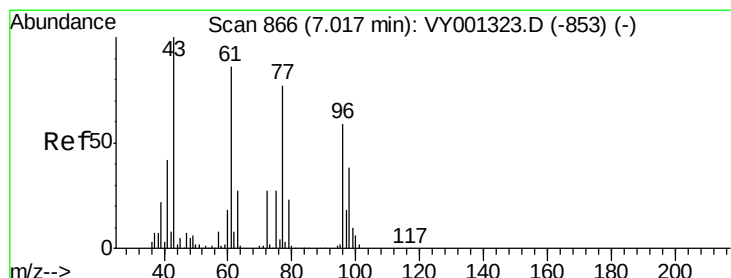
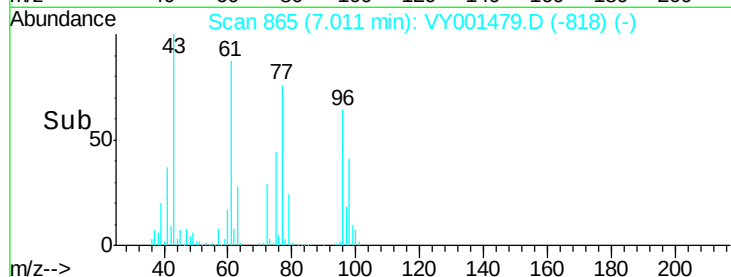
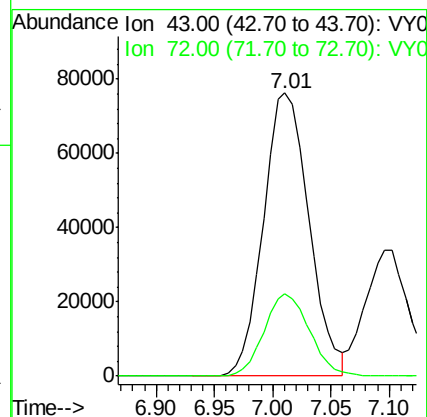
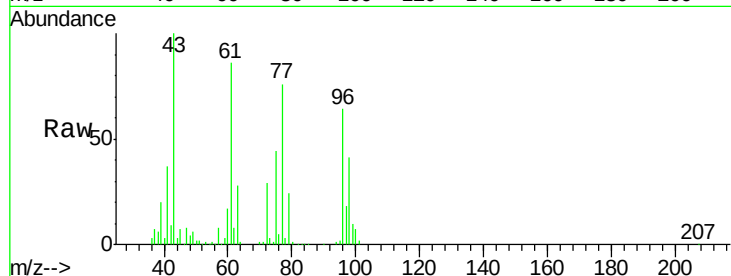
72 29.0 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.216 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001479.D

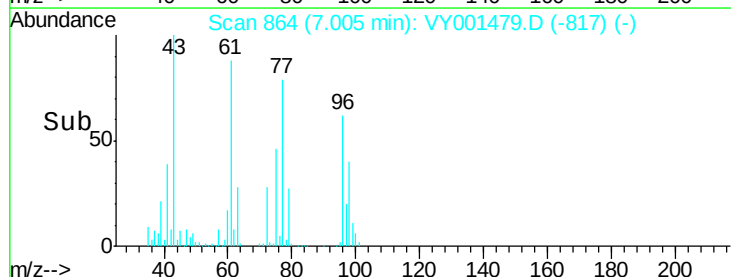
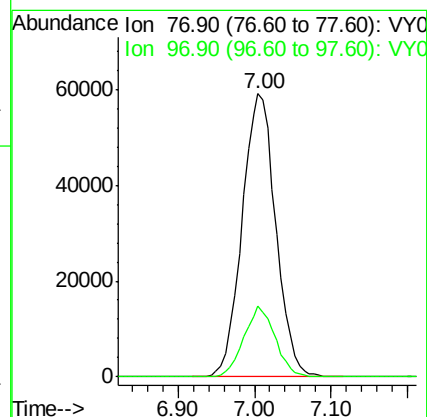
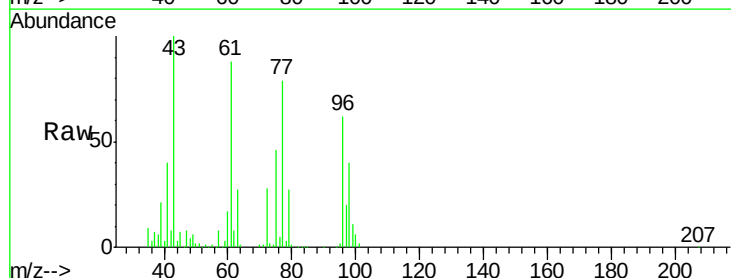
Acq: 03 Feb 2020 17:35

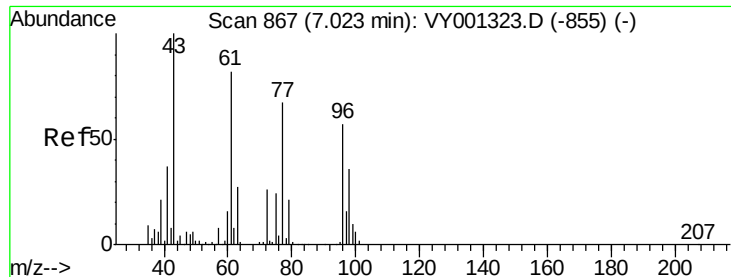
Tgt Ion: 77 Resp: 179954

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5





#27

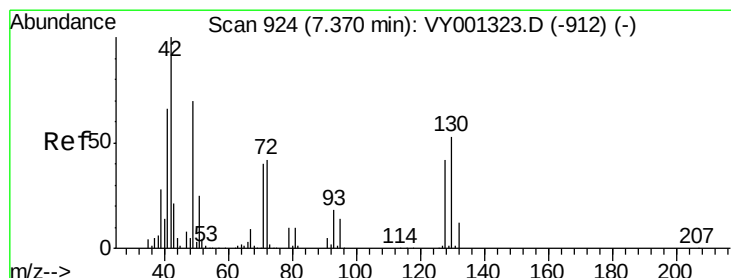
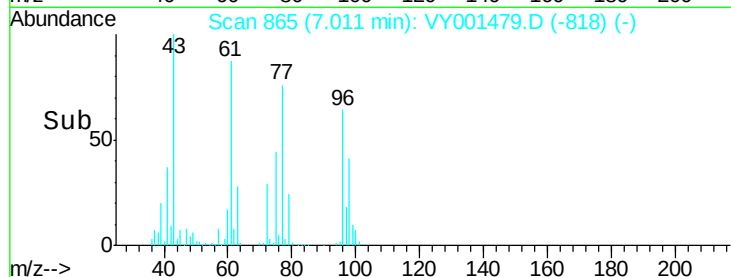
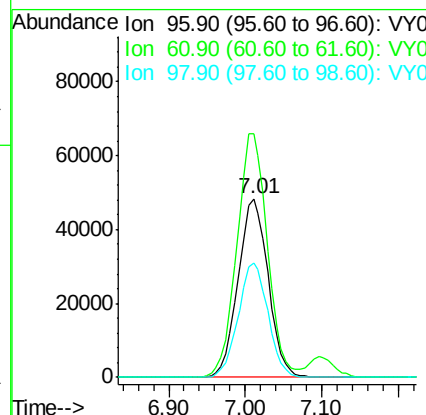
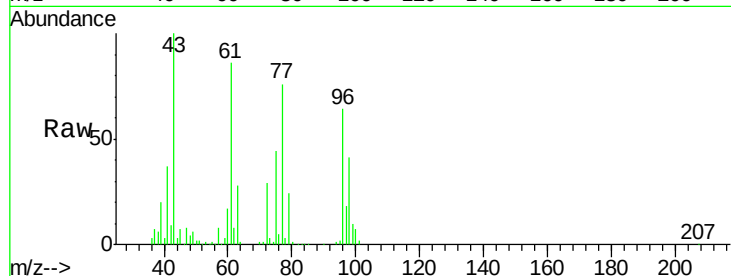
cis-1,2-Dichloroethene
Concen: 49.204 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.3	0.0	284.8	
98	63.4	0.0	128.4	

Manual Integrations
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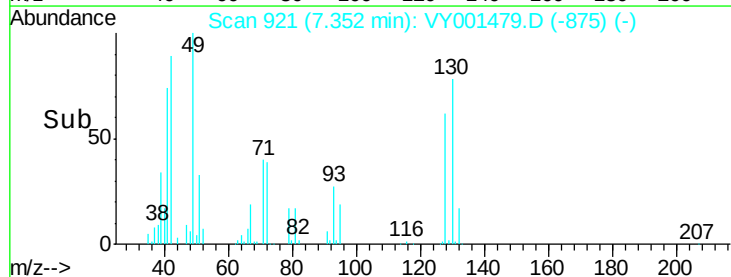
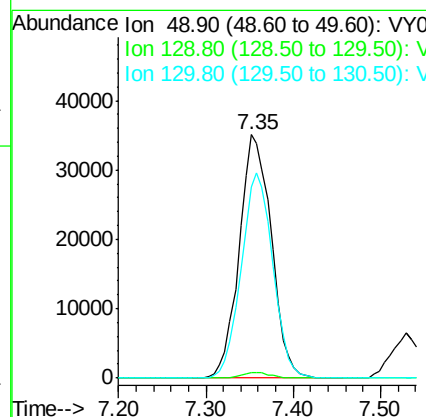
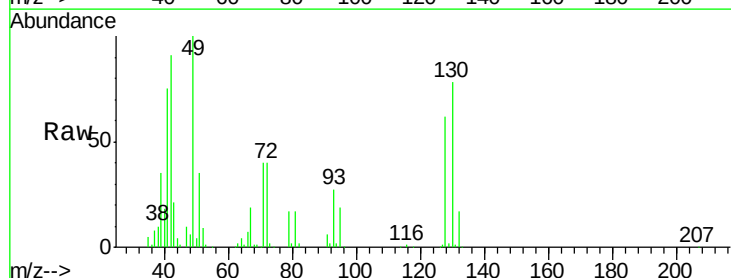
MMDadoda
2/4/2020 11:22:00 AM

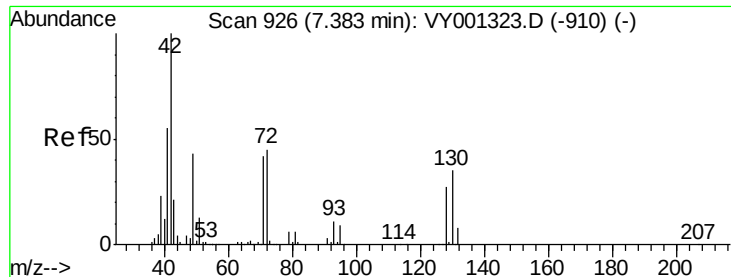


#28

Bromochloromethane
Concen: 52.881 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	82.7	58.9	88.3	





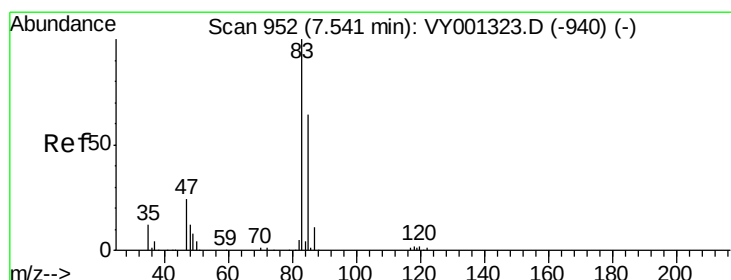
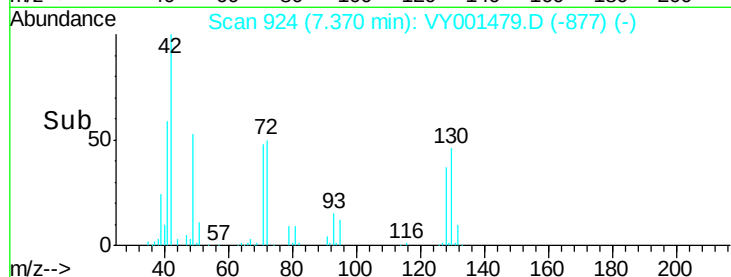
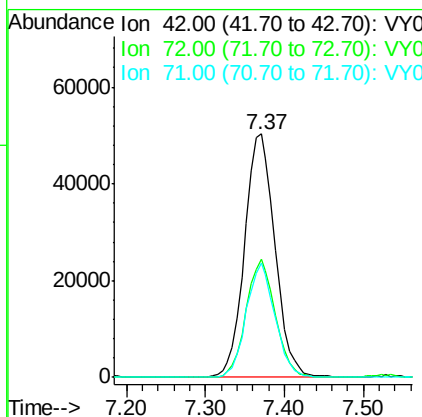
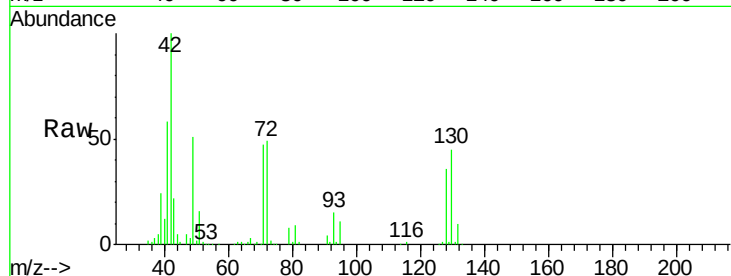
#29
Tetrahydrofuran
Concen: 226.009 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.6	51.8
71	44.2	32.6	48.8

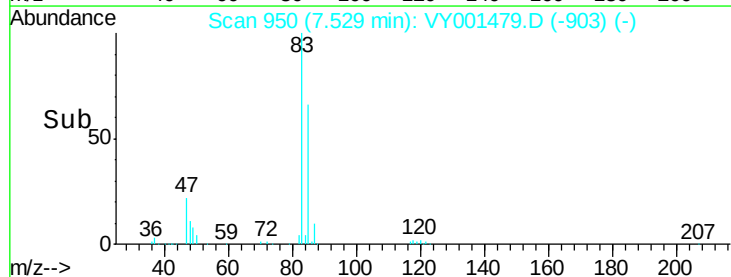
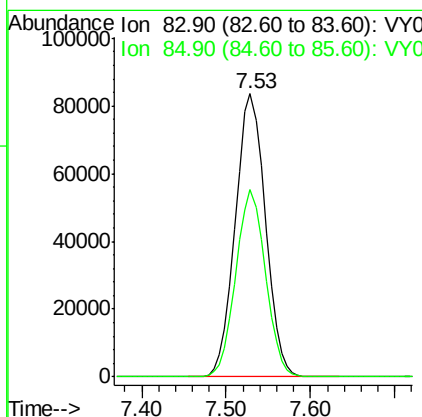
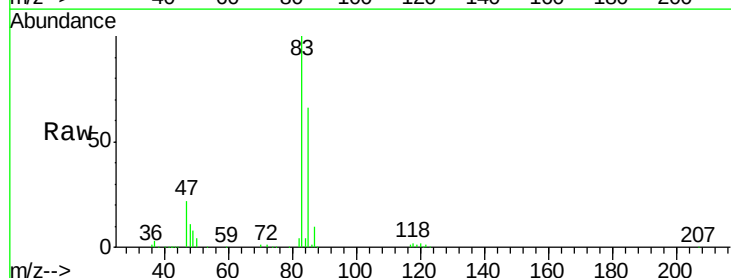
Manual Integrations
APPROVED

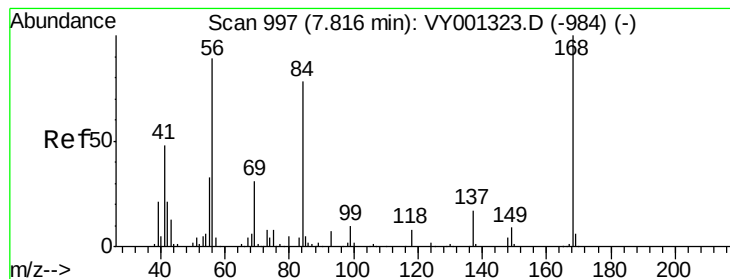
MMDadoda
2/4/2020 11:22:00 AM



#30
Chloroform
Concen: 50.188 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.5	77.3





#31

Cyclohexane

Concen: 42.858 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 174673

Ion Ratio Lower Upper

56 100

69 38.6 27.6 41.4

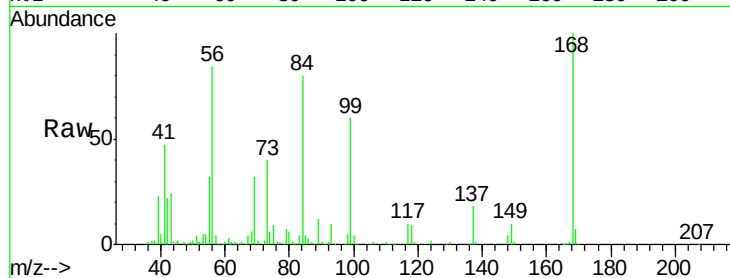
84 94.1 69.7 104.5

Manual Integrations

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2/4/2020 11:22:00 AM

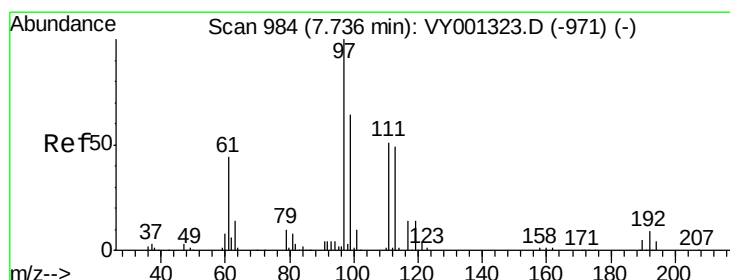
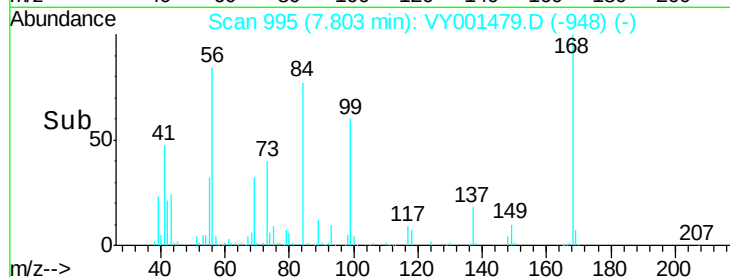
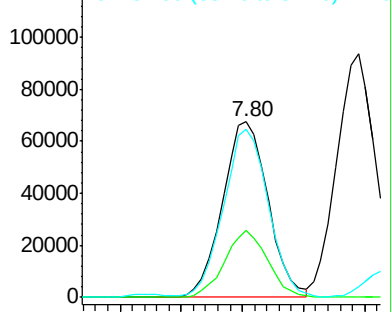


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 52.594 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

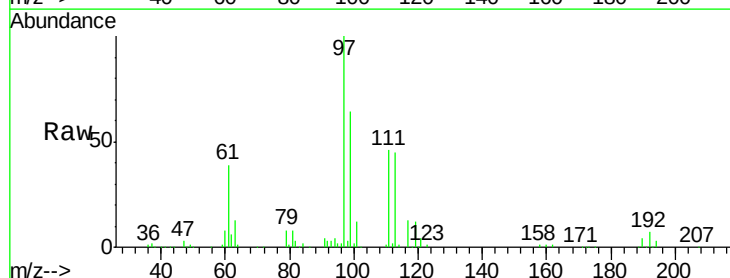
Tgt Ion: 97 Resp: 178678

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 40.6 35.9 53.9

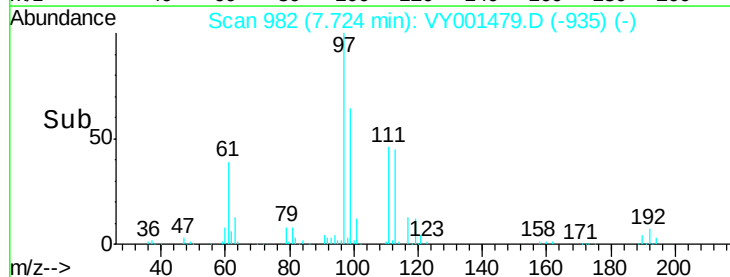
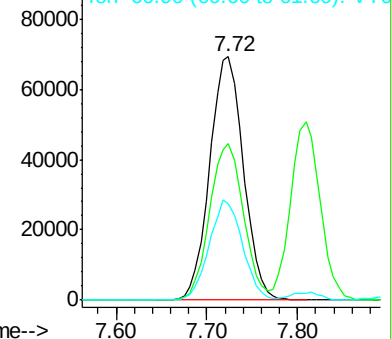


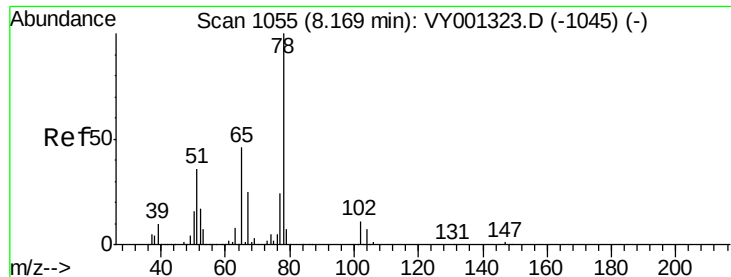
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





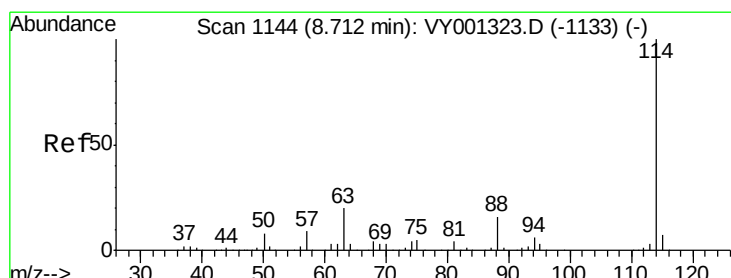
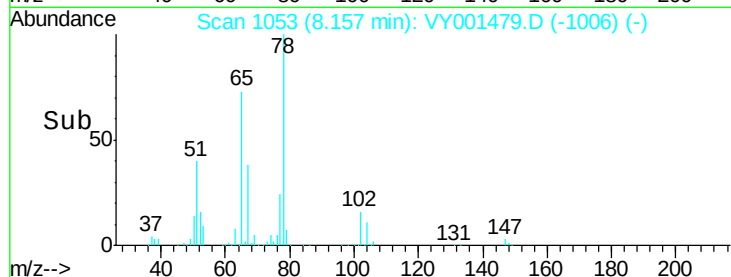
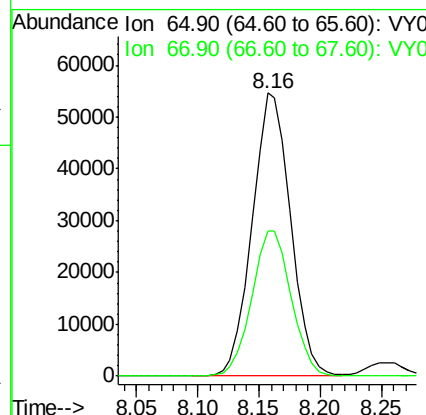
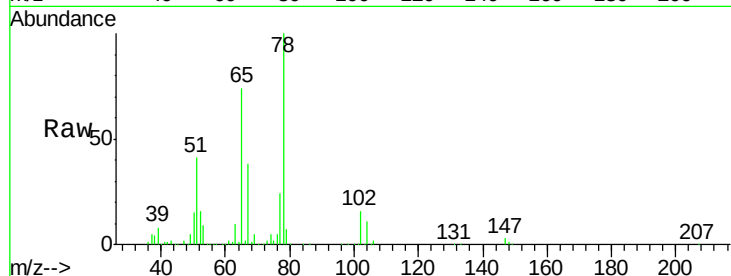
#33
 1,2-Dichloroethane-d4
 Concen: 56.666 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	108.6	

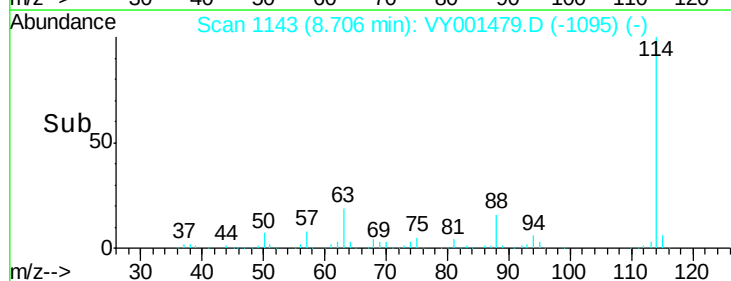
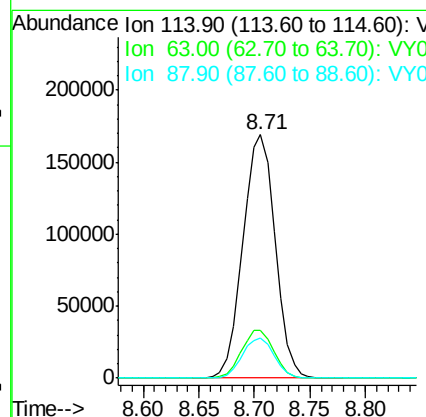
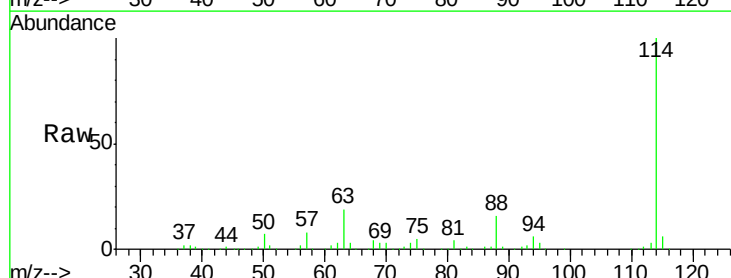
Manual Integrations
 APPROVED

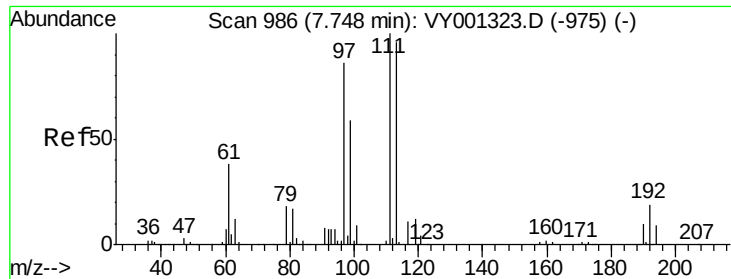
MMDadoda
 2/4/2020 11:22:00 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	40.8	
88	16.3	0.0	31.0	





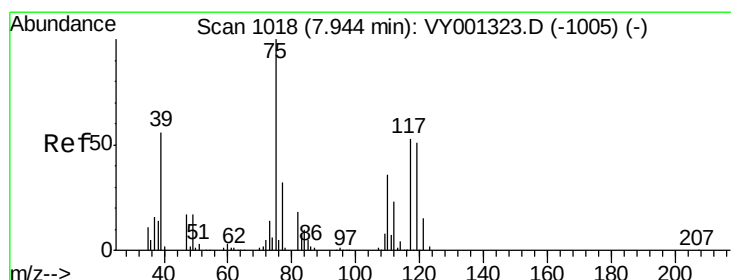
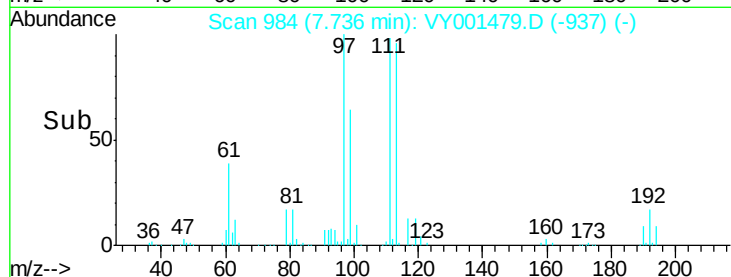
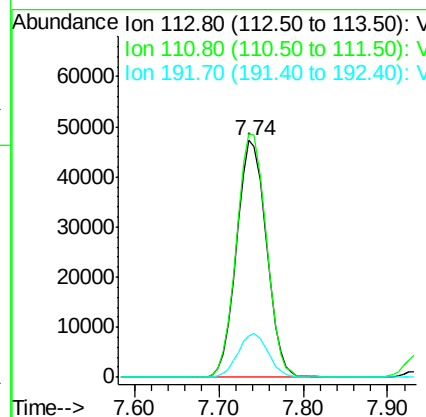
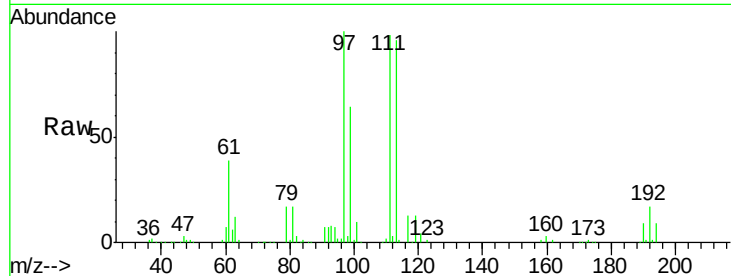
#35
 Dibromofluoromethane
 Concen: 56.806 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113346		
111	103.1	82.8	124.2	
192	18.6	15.5	23.3	

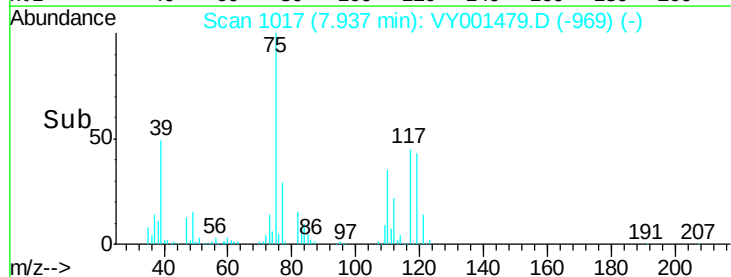
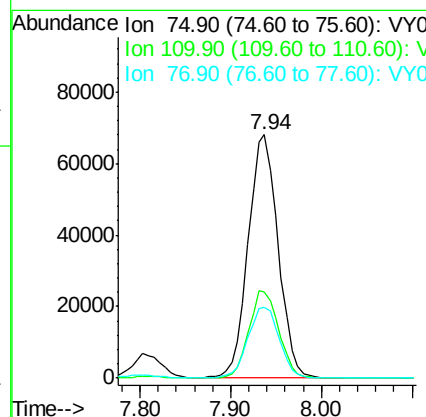
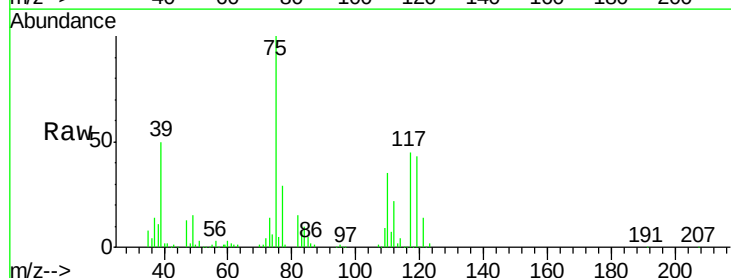
Manual Integrations
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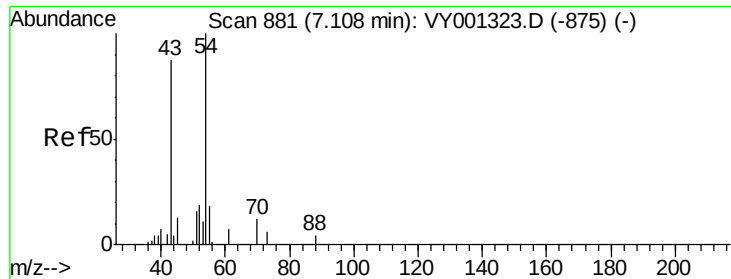
MMDadoda
 2/4/2020 11:22:00 AM



#36
 1,1-Dichloropropene
 Concen: 48.596 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	156083		
110	35.7	17.6	52.8	
77	30.6	24.7	37.1	





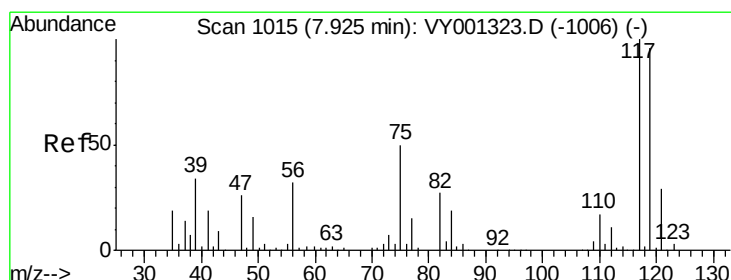
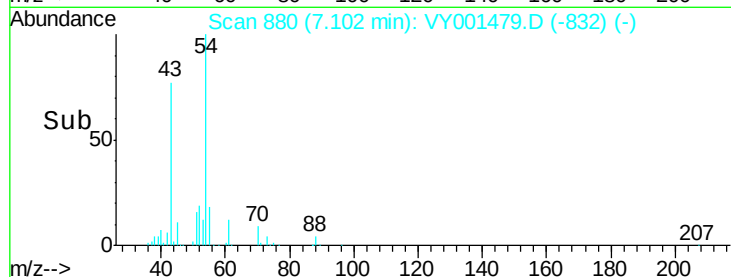
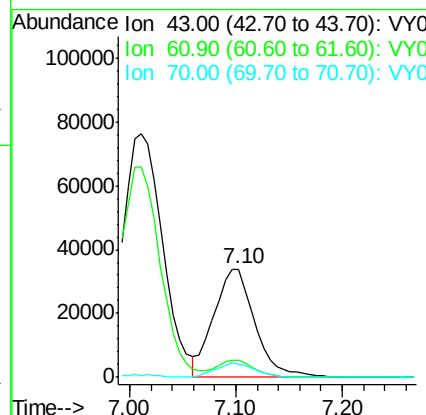
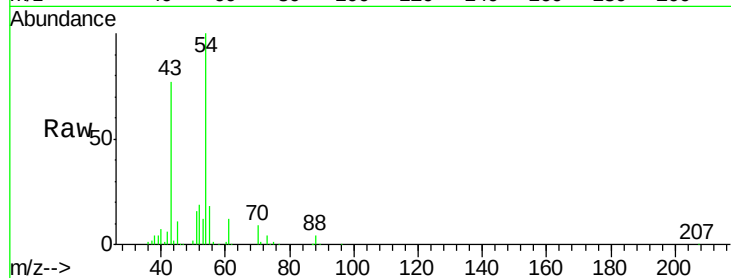
#37
Ethyl Acetate
Concen: 45.972 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	12.7	8.7	13.1

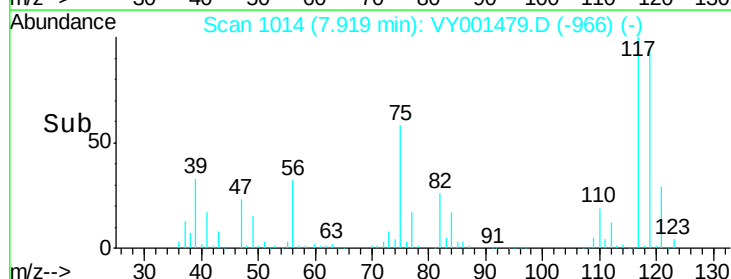
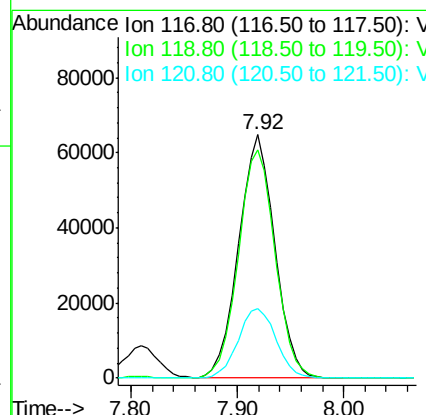
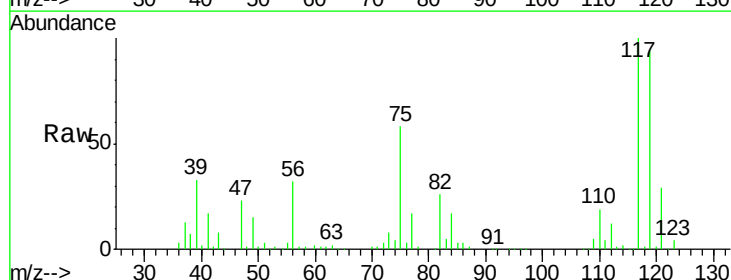
Manual Integrations
APPROVED

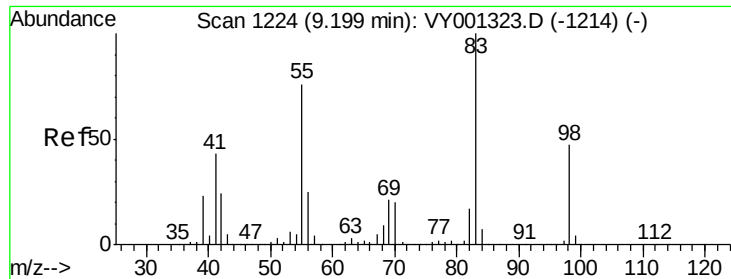
MMDadoda
2/4/2020 11:22:00 AM



#38
Carbon Tetrachloride
Concen: 54.069 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.3	114.5
121	28.6	23.5	35.3





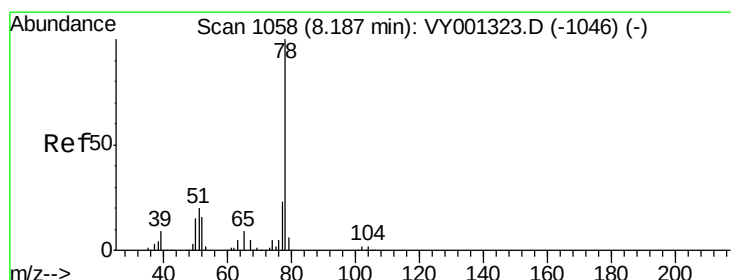
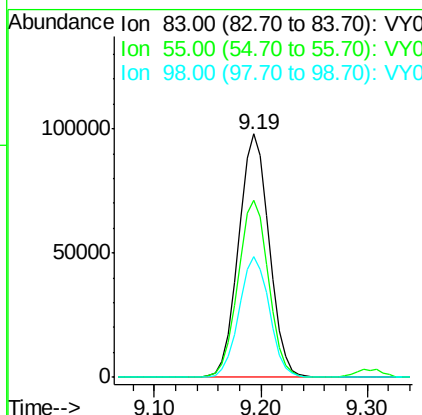
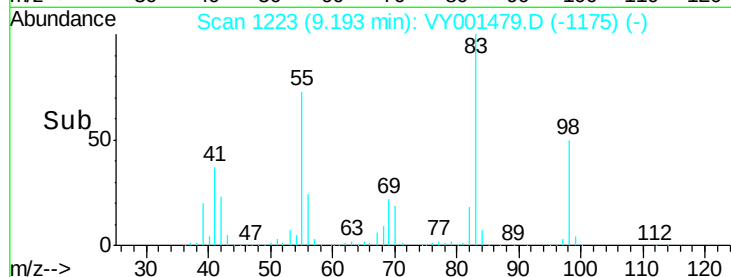
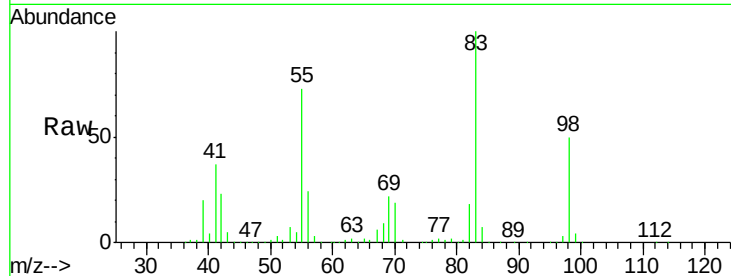
#39
Methylvlcyclohexane
Concen: 48.107 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	197937		
55	72.6	60.7	91.1	
98	49.7	37.8	56.8	

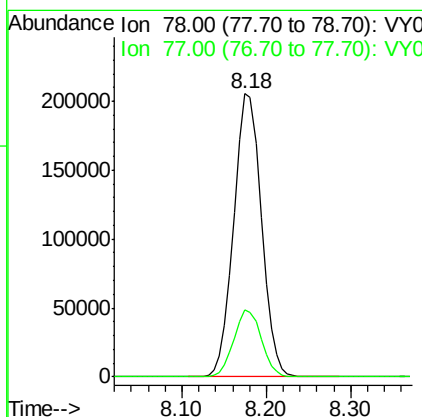
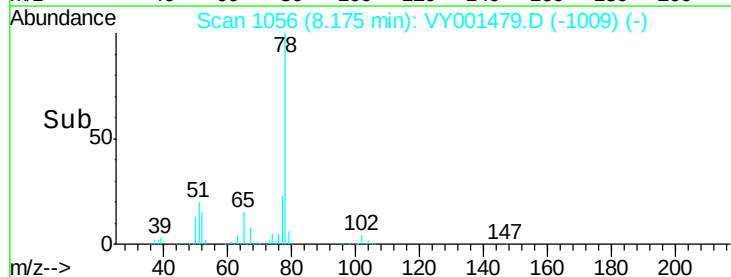
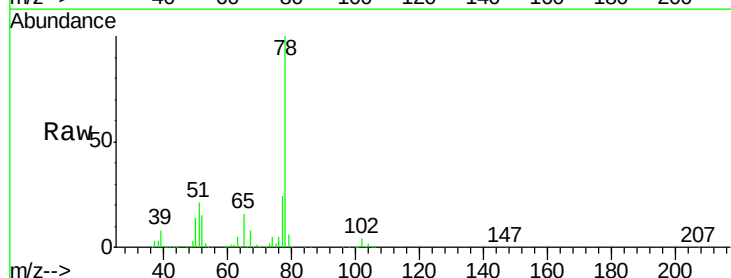
Manual Integrations
APPROVED

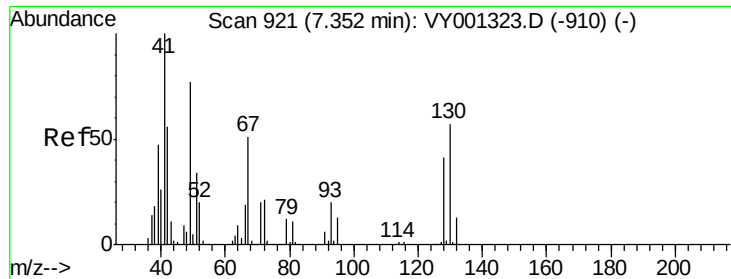
MMDadoda
2/4/2020 11:22:00 AM



#40
Benzene
Concen: 47.435 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	456825		
77	23.5	18.6	27.8	





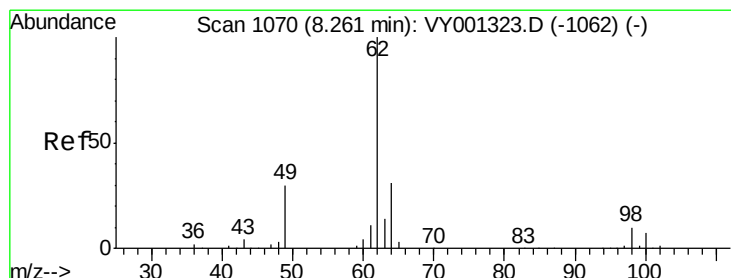
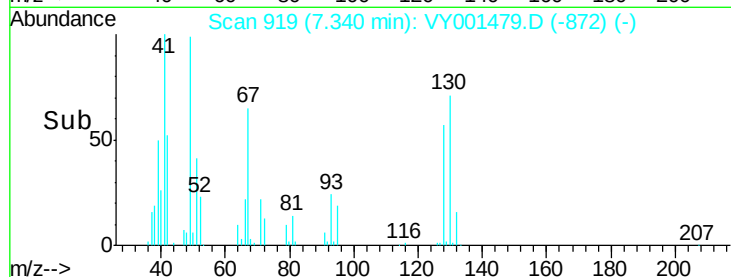
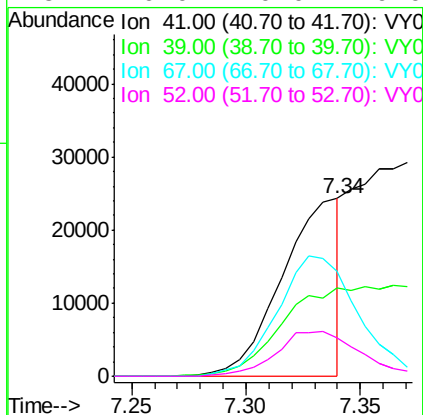
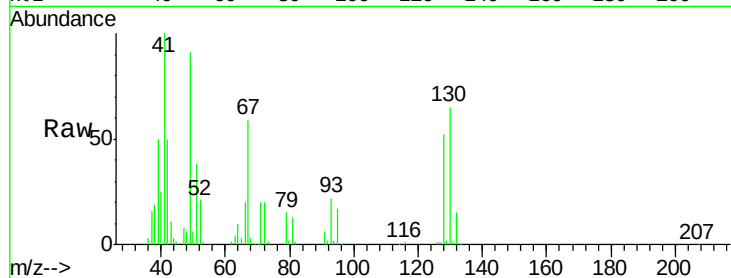
#41
Methacrylonitrile
Concen: 43.161 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	130.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

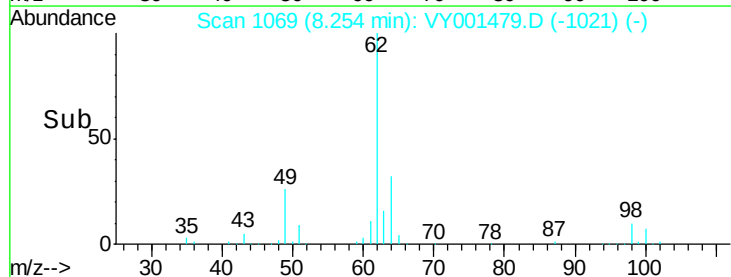
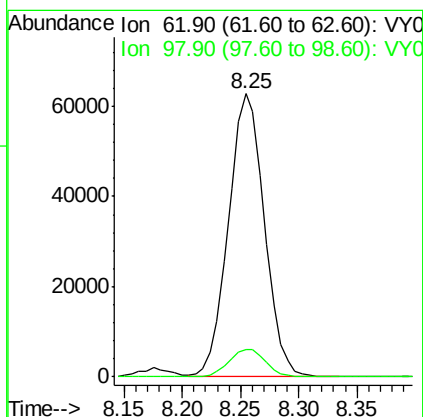
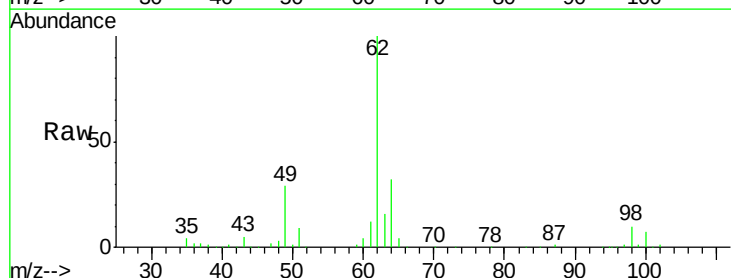
Manual Integrations
APPROVED

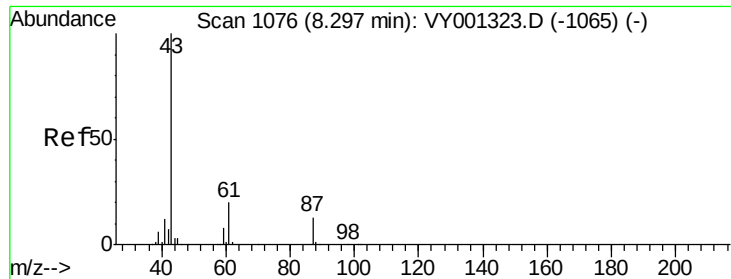
MMDadoda
2/4/2020 11:22:00 AM



#42
1,2-Dichloroethane
Concen: 50.090 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 46.685 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

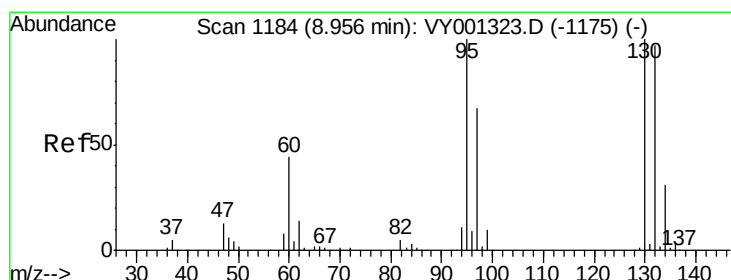
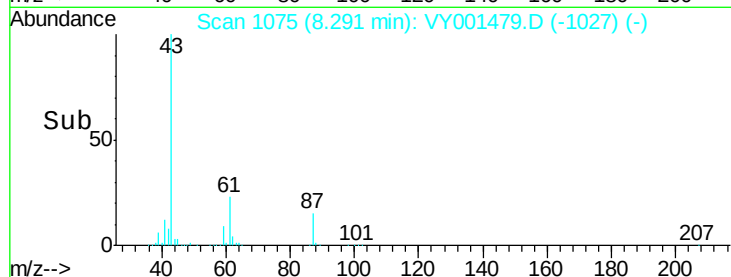
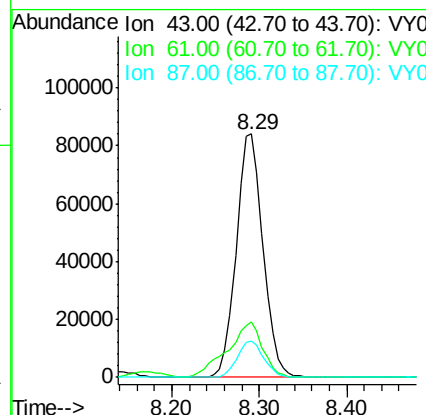
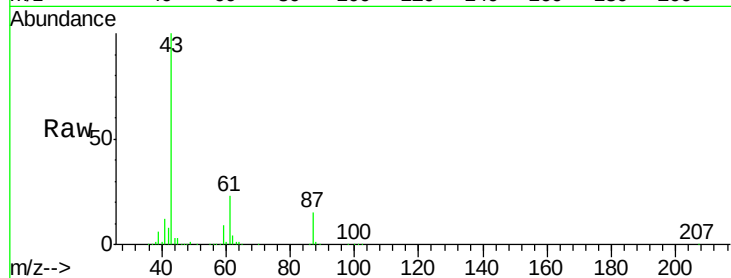
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	178140
Ion	Ratio	Lower	Upper
43	100		
61	30.0	22.7	34.1
87	14.9	11.0	16.4

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#44

Trichloroethene

Concen: 49.888 ug/l

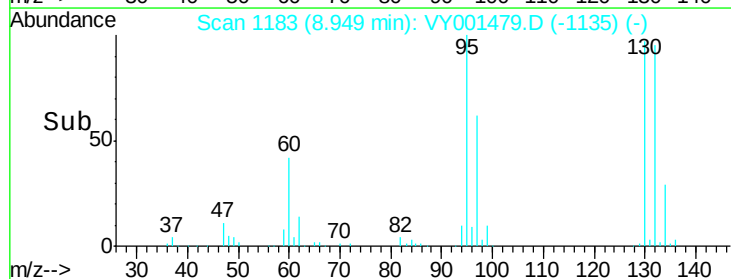
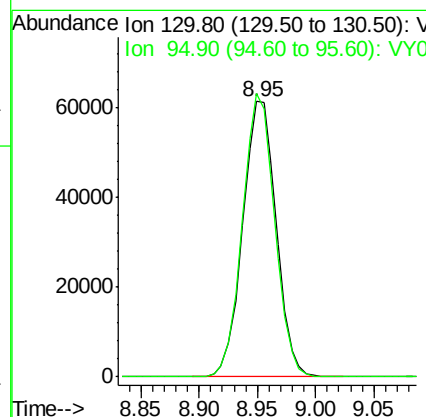
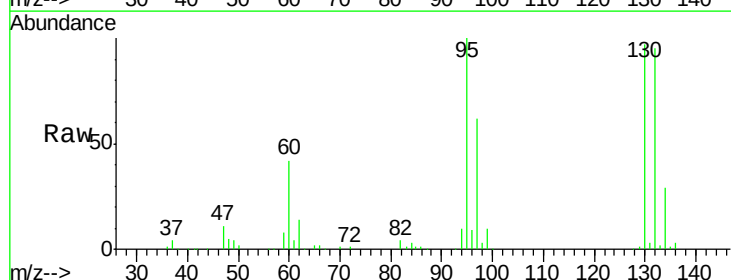
RT: 8.95 min Scan# 1183

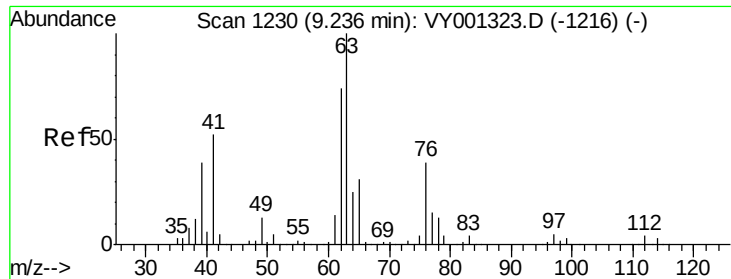
Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	130	Resp:	123289
Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	200.0





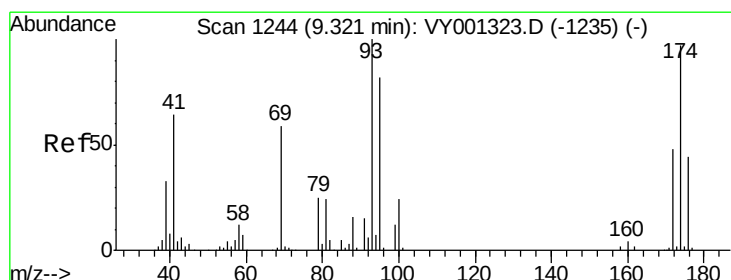
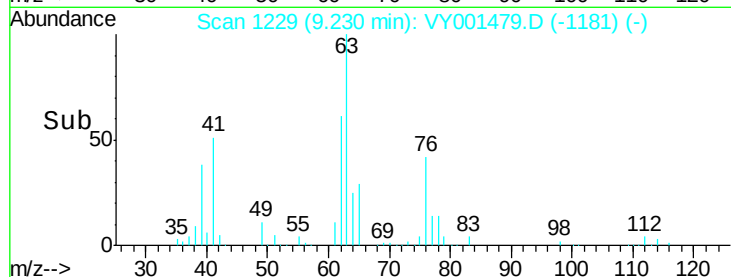
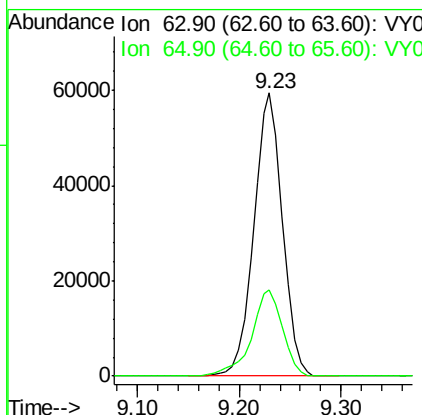
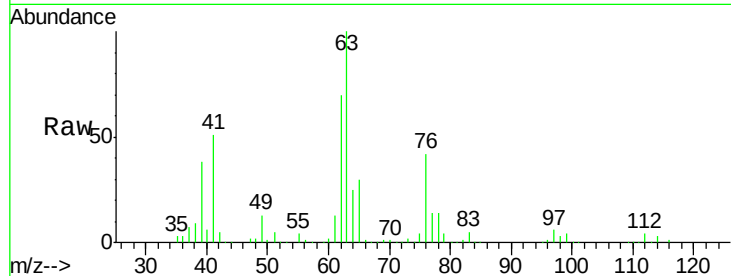
#45
 1,2-Dichloropropane
 Concen: 47.580 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 115835
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3

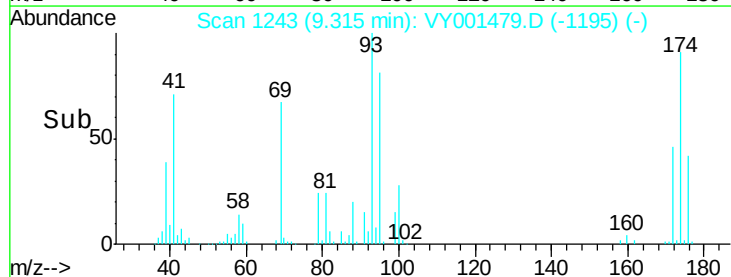
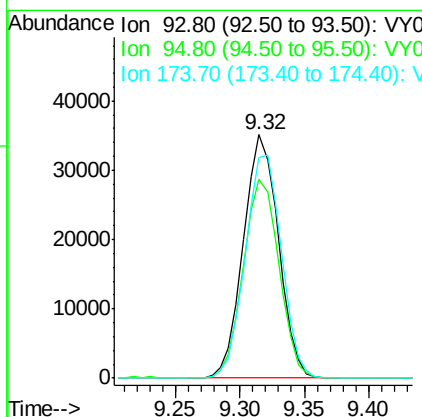
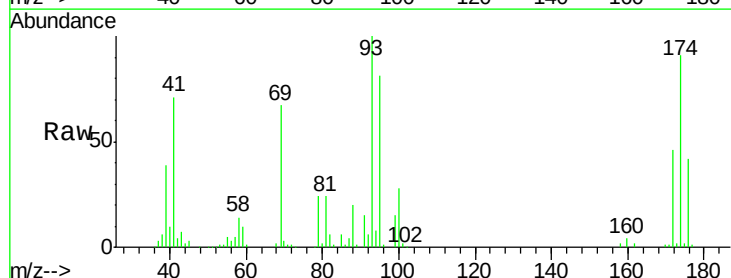
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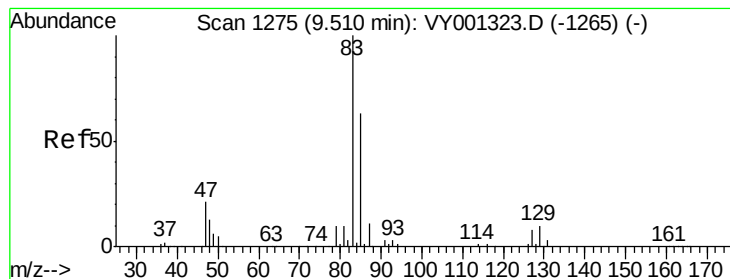
MMDadoda
 2/4/2020 11:22:00 AM



#46
 Dibromomethane
 Concen: 50.555 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 93 Resp: 66075
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 94.9 77.9 116.9





#47

Bromodichloromethane

Concen: 51.879 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

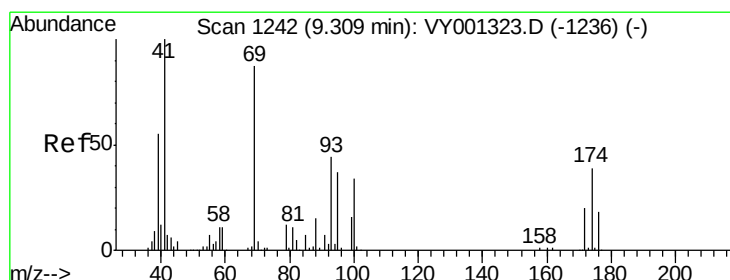
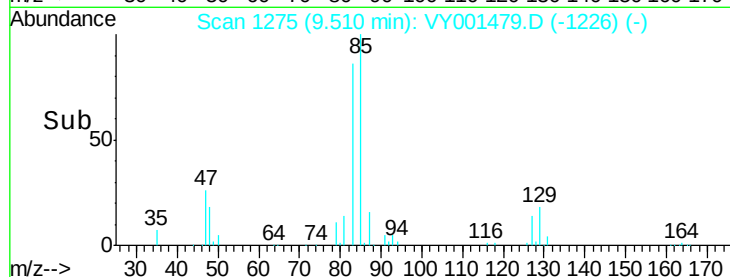
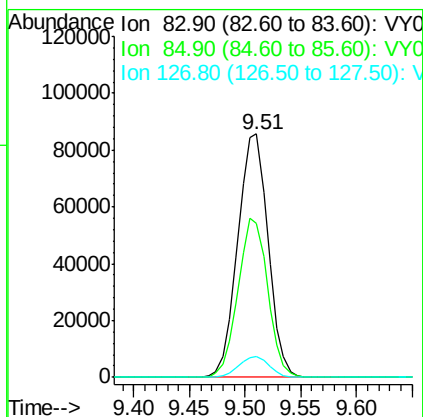
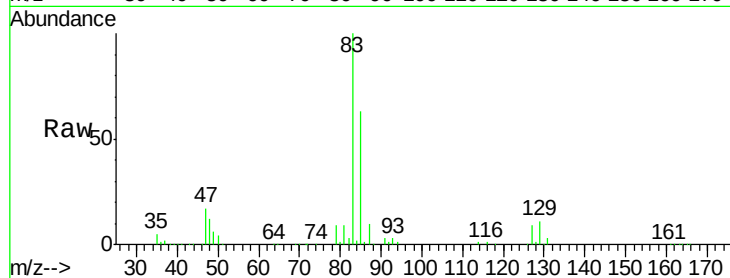
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	162090
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.2	75.2
127	8.8	6.4	9.6

Manual Integrations
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MMDadoda
2/4/2020 11:22:00 AM



#48

Methyl methacrylate

Concen: 46.070 ug/l

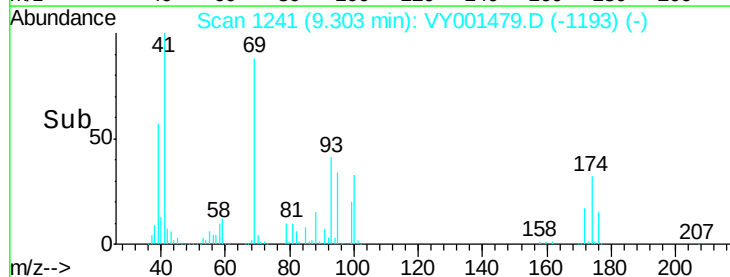
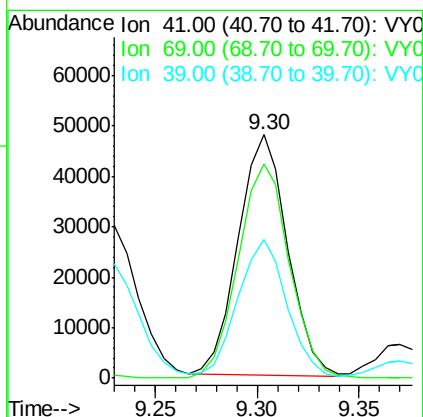
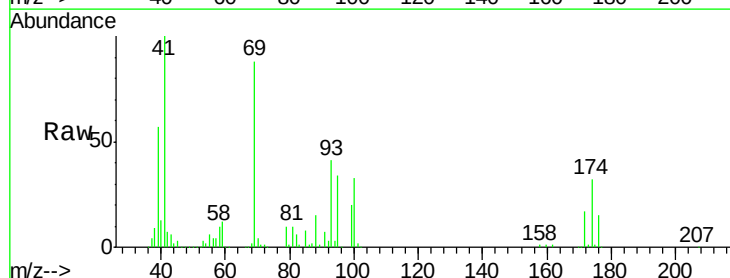
RT: 9.30 min Scan# 1241

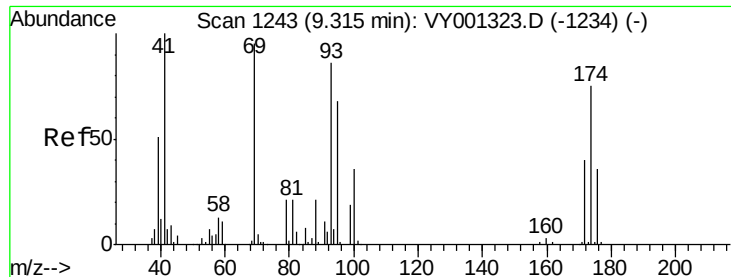
Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	41	Resp:	79916
Ion Ratio	Lower	Upper	
41	100		
69	93.0	70.2	105.4
39	58.1	45.7	68.5





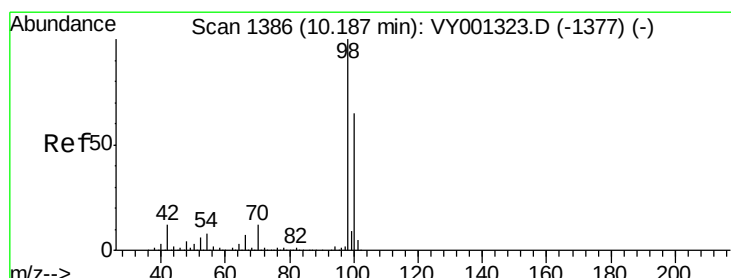
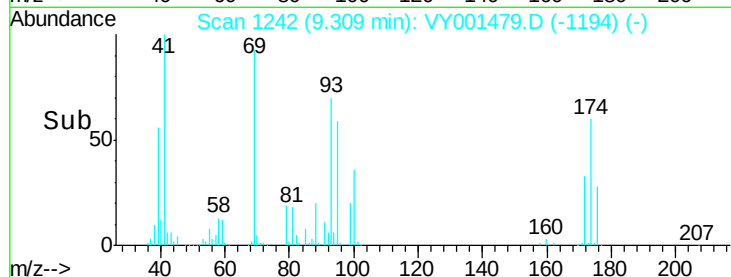
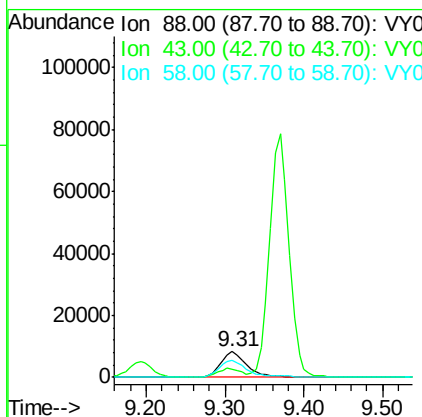
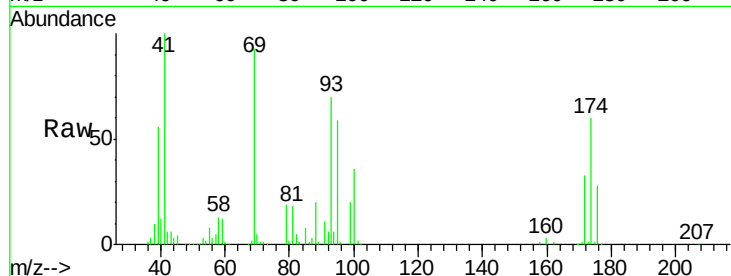
#49
1,4-Dioxane
Concen: 1053.059 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	19409
Ion Ratio	Lower	Upper	
88	100		
43	29.1	28.2	42.2
58	71.4	55.6	83.4

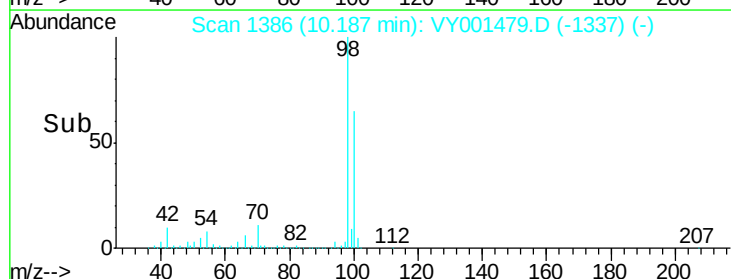
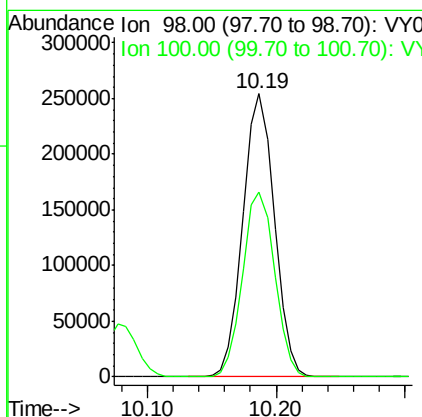
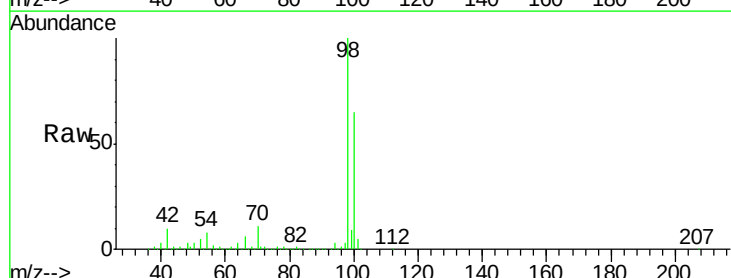
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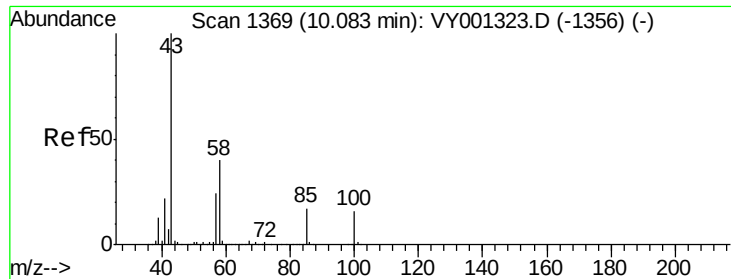
MMDadoda
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#50
Toluene-d8
Concen: 55.548 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	98	Resp	430617
Ion Ratio	Lower	Upper	
98	100		
100	66.6	52.6	79.0





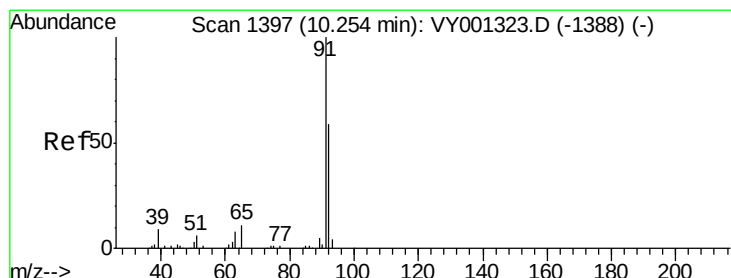
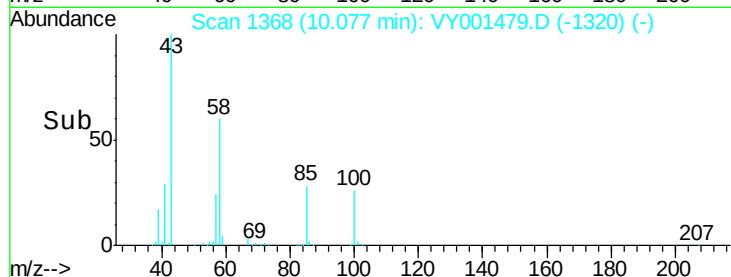
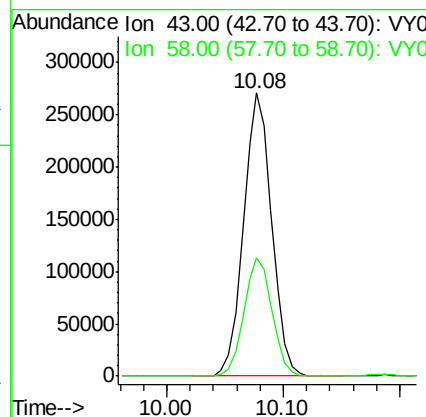
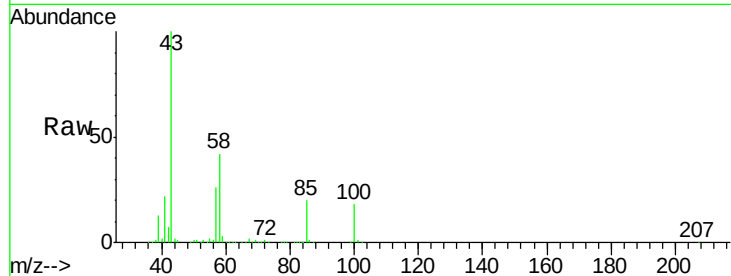
#51
 4-Methyl-2-Pentanone
 Concen: 230.160 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 452278
 Ion Ratio Lower Upper
 43 100
 58 41.8 31.5 47.3

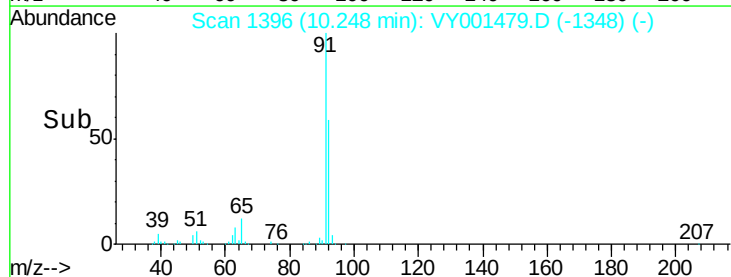
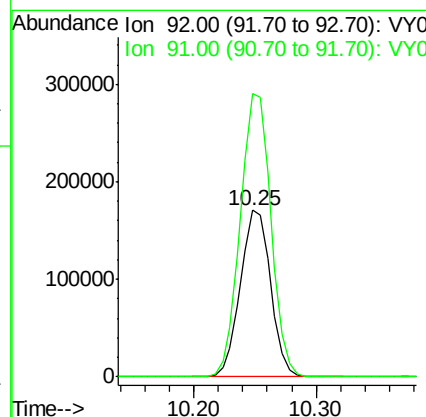
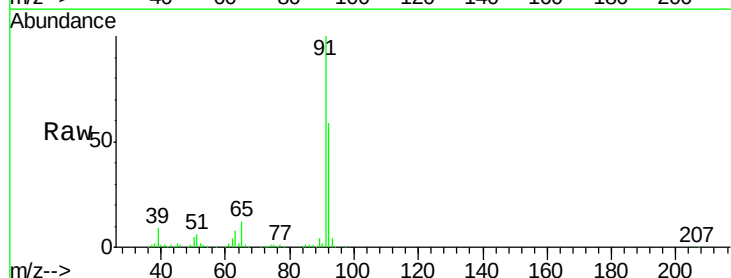
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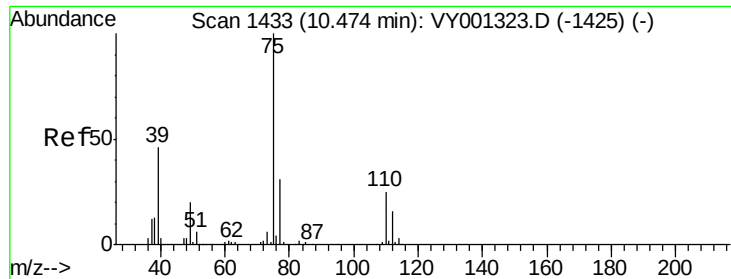
MMDadoda
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#52
 Toluene
 Concen: 47.811 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 92 Resp: 291875
 Ion Ratio Lower Upper
 92 100
 91 172.4 136.4 204.6





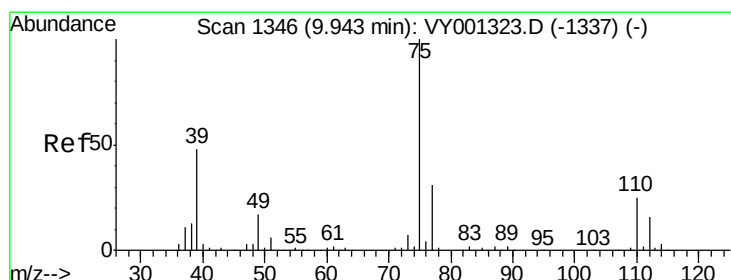
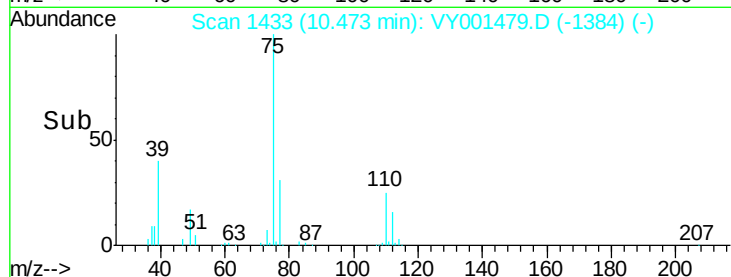
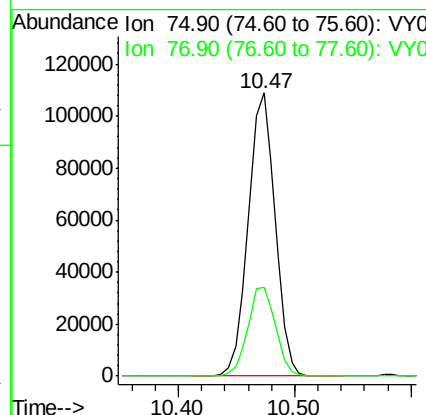
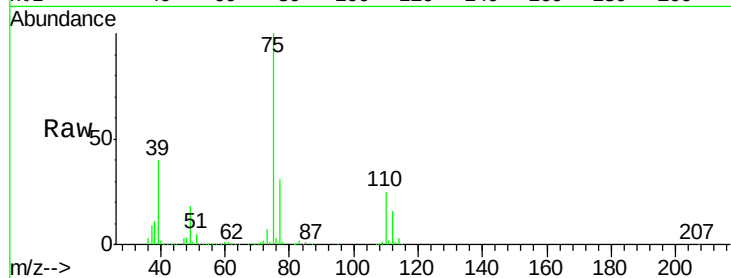
#53
t-1,3-Dichloropropene
Concen: 50.883 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 176210
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8

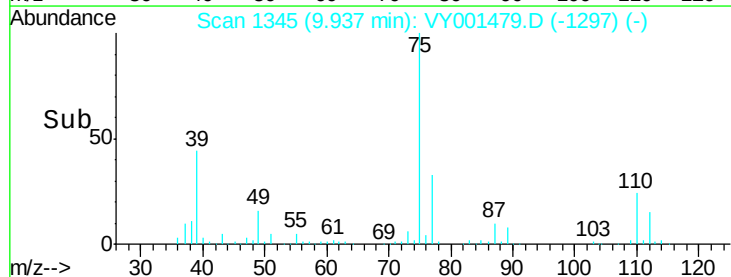
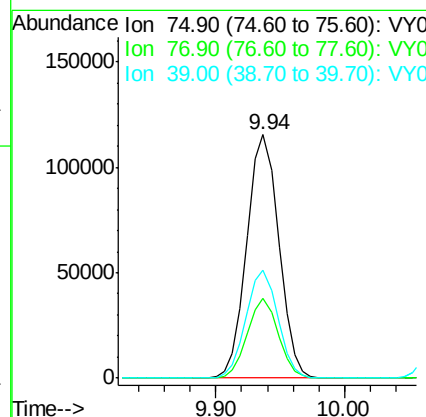
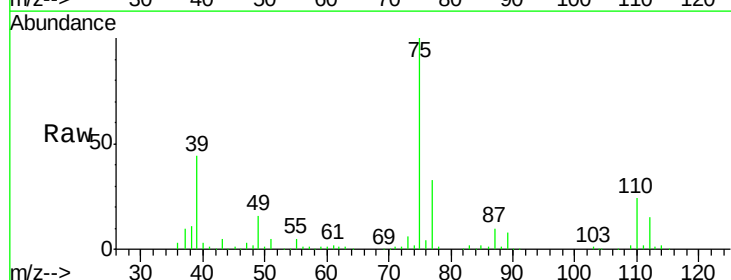
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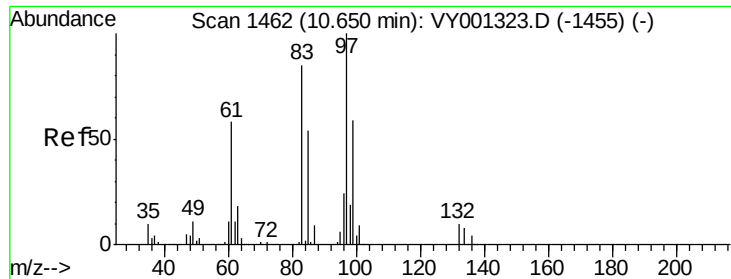
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.021 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 75 Resp: 198827
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.6
39 44.4 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 50.540 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

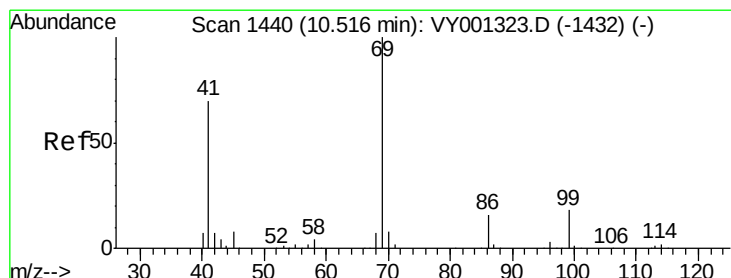
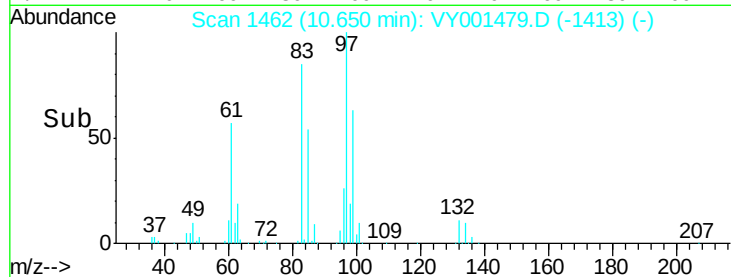
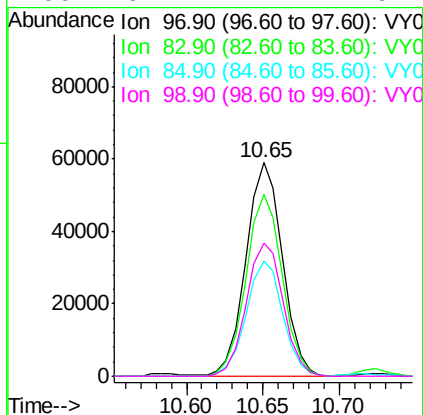
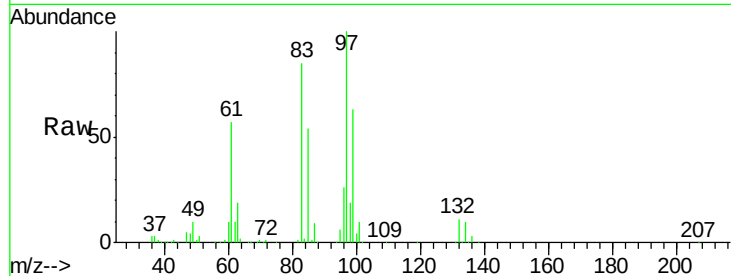
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	97497
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.0	102.0
85	54.2	43.6	65.4
99	62.7	47.1	70.7

Manual Integrations
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MMDadoda
2/4/2020 11:22:00 AM



#56

Ethyl methacrylate

Concen: 49.664 ug/l

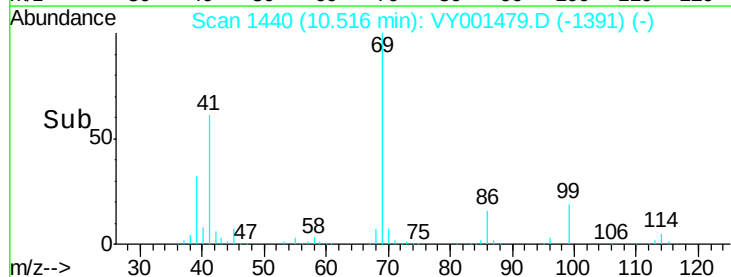
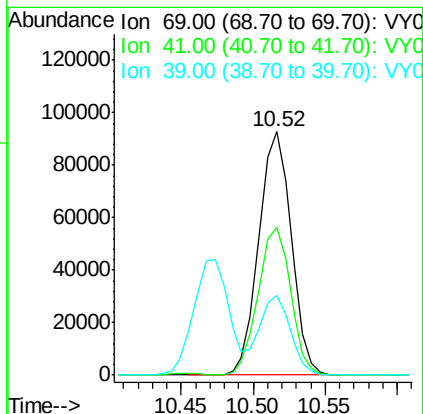
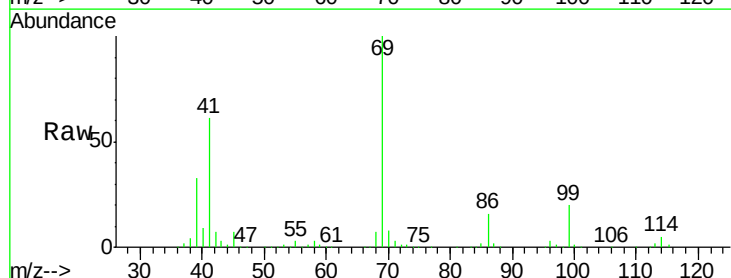
RT: 10.52 min Scan# 1440

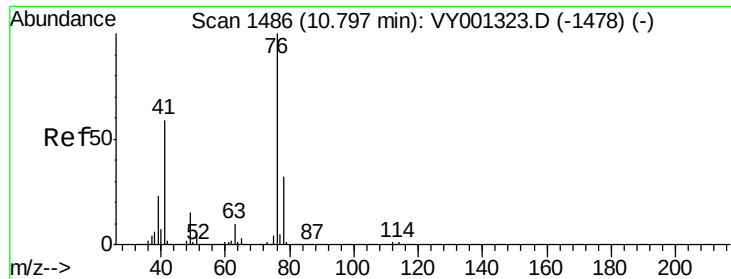
Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	69	Resp:	144803
Ion	Ratio	Lower	Upper
69	100		
41	60.6	54.1	81.1
39	31.9	26.8	40.2





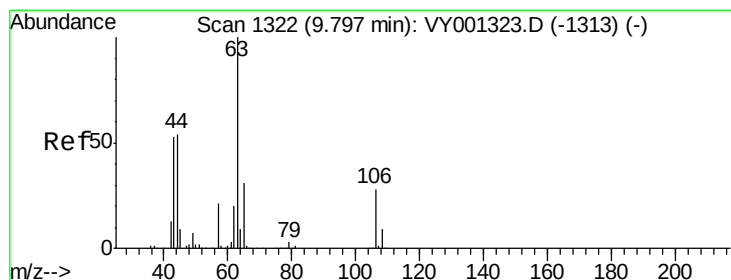
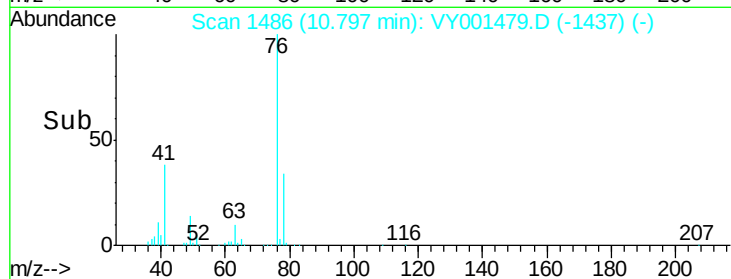
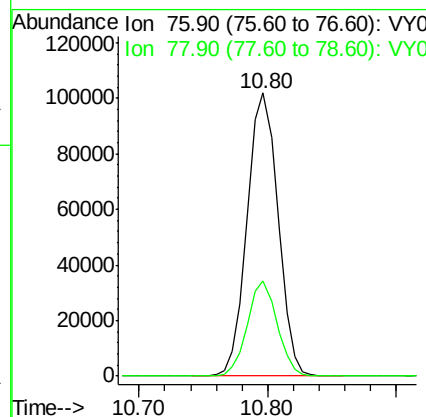
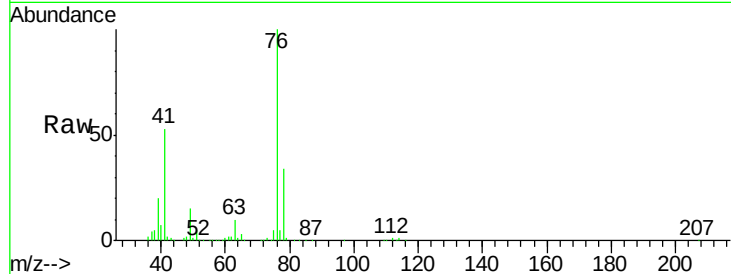
#57
 1,3-Dichloropropane
 Concen: 50.118 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

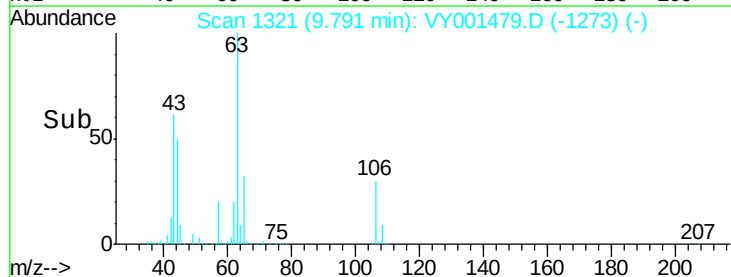
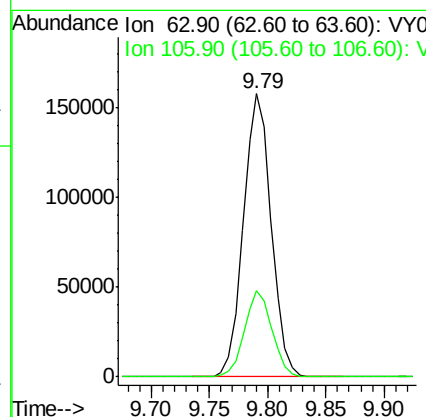
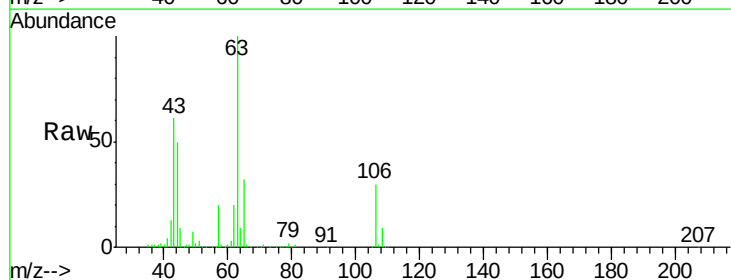
Manual Integrations
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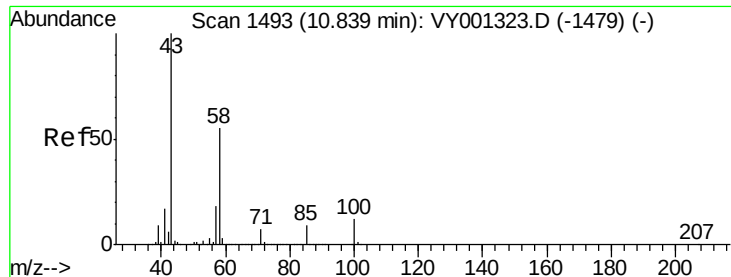
MMDadoda
 2/4/2020 11:22:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.528 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	22.5	33.7





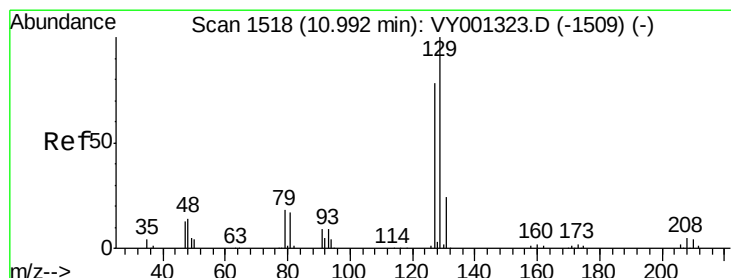
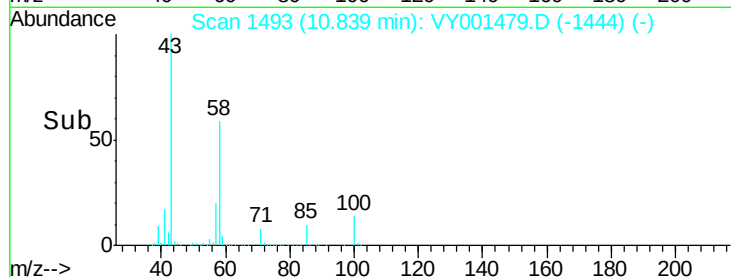
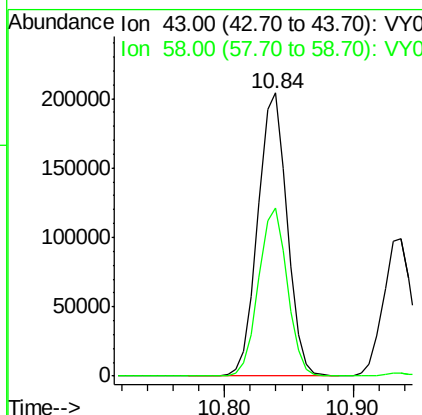
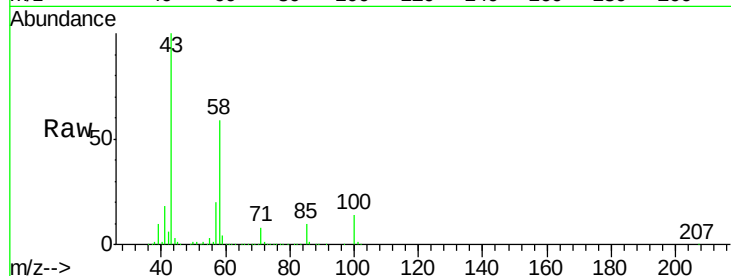
#59
2-Hexanone
Concen: 233.233 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 319067
Ion Ratio Lower Upper
43 100
58 58.5 27.6 82.8

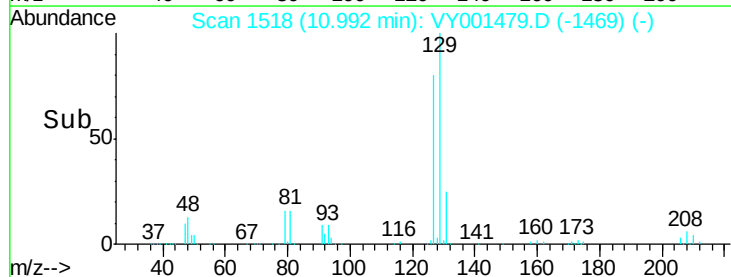
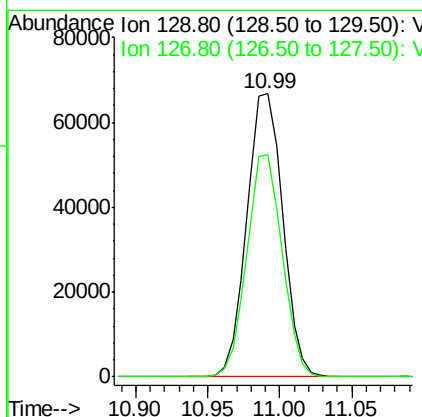
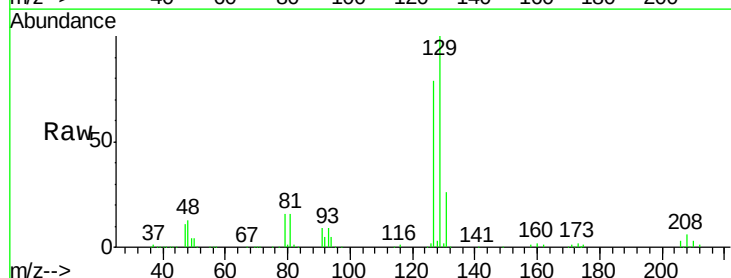
Manual Integrations
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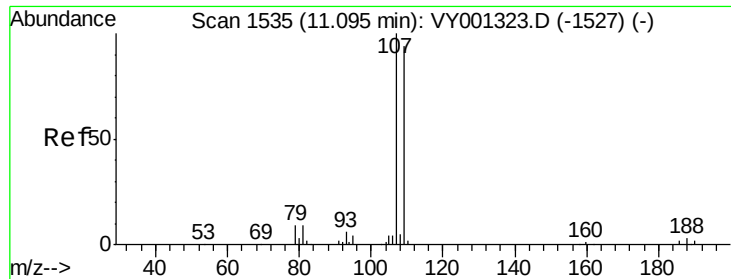
MMDadoda
2/4/2020 11:22:00 AM



#60
Dibromochloromethane
Concen: 53.444 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 129 Resp: 115310
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





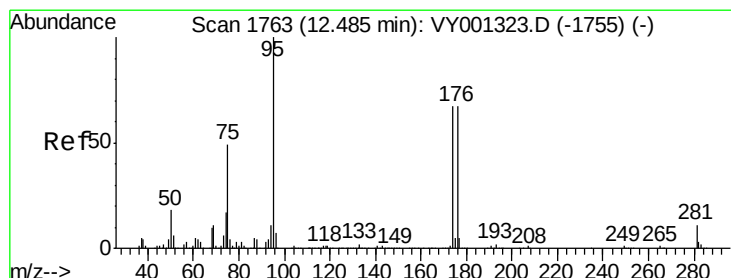
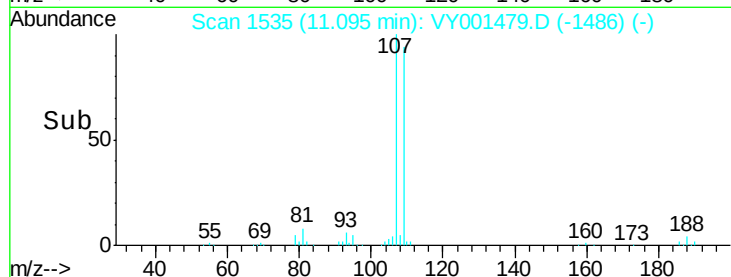
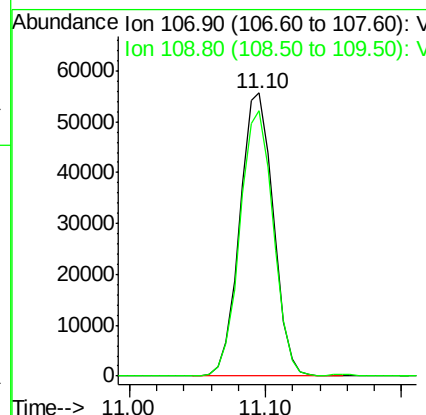
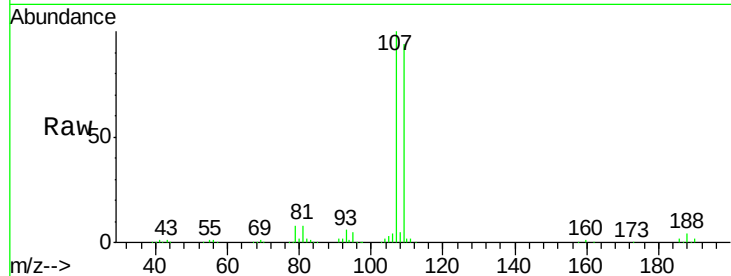
#61
 1,2-Dibromoethane
 Concen: 52.368 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

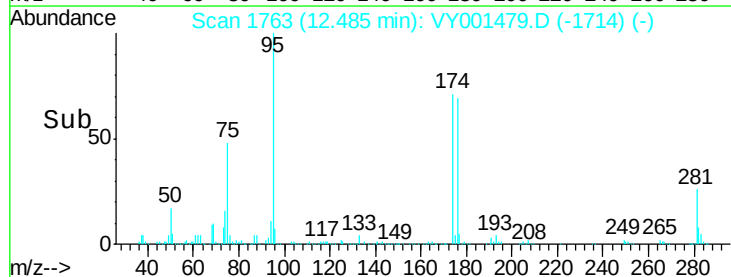
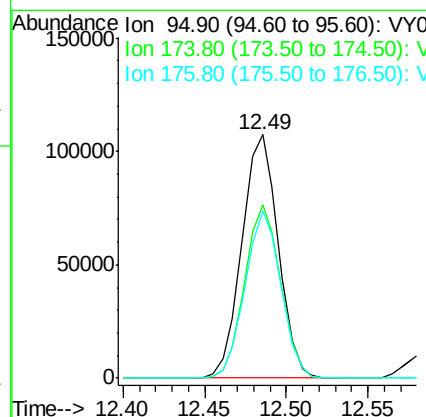
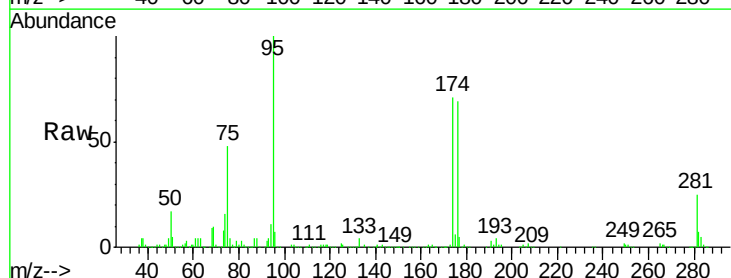
Manual Integrations
 APPROVED

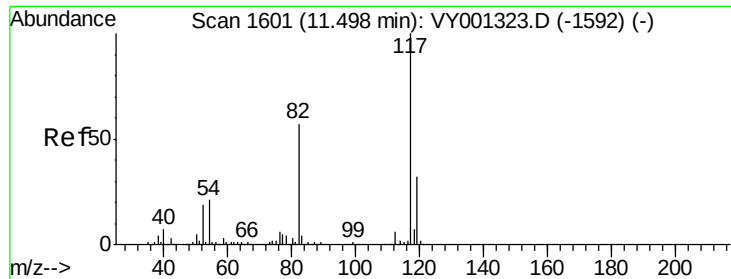
MMDadoda
 2/4/2020 11:22:00 AM



#62
 4-Bromofluorobenzene
 Concen: 53.810 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	142.0
176	67.7	0.0	138.6





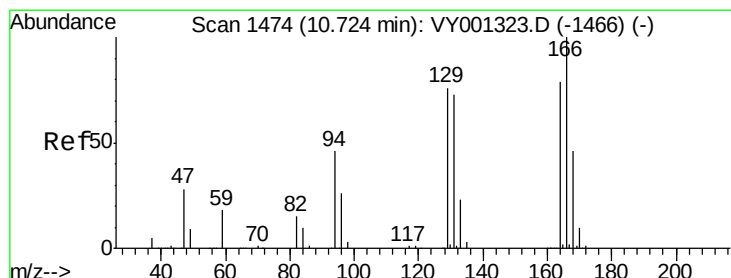
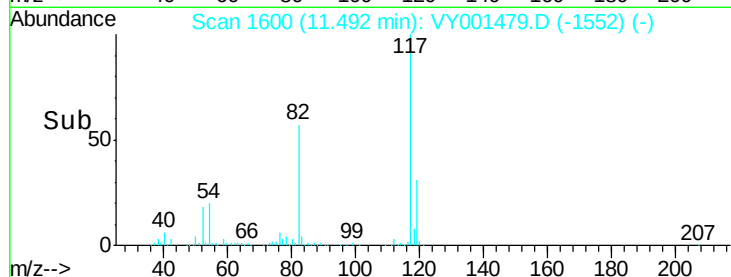
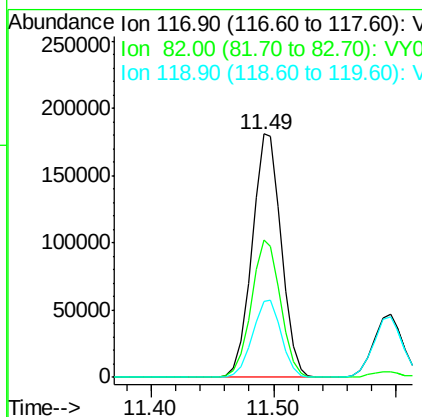
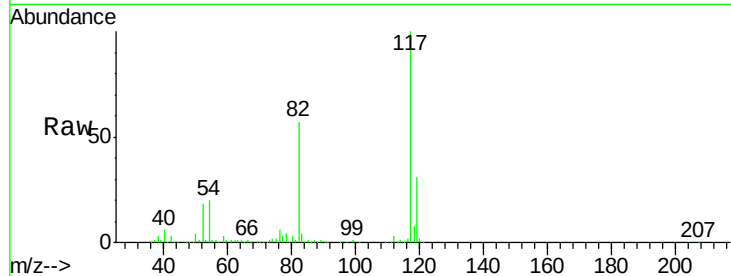
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300725		
82	56.5		45.5	68.3
119	31.3		25.8	38.6

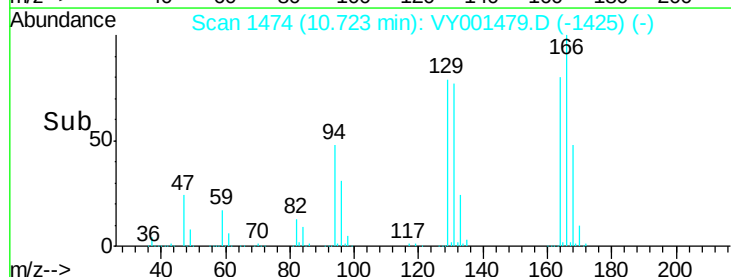
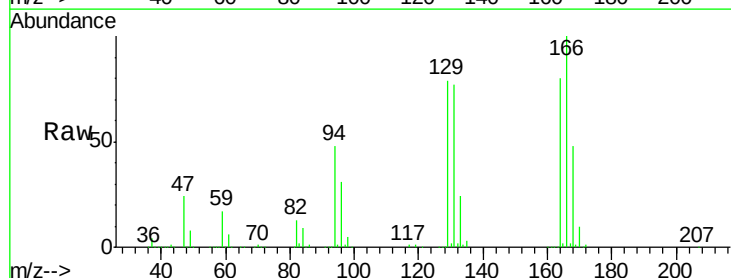
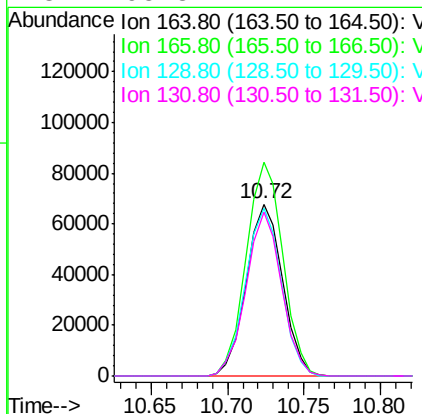
Manual Integrations
APPROVED

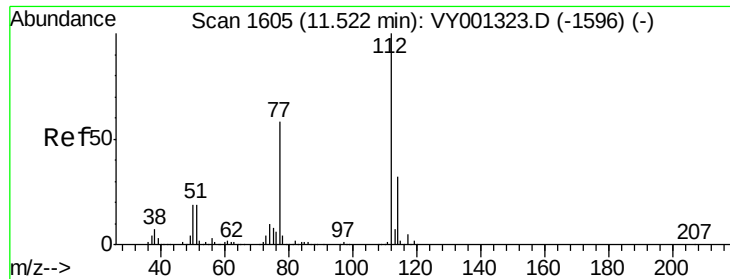
MMDadoda
2/4/2020 11:22:00 AM



#64
Tetrachloroethene
Concen: 58.209 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111815		
166	124.3		101.8	152.8
129	97.8		77.1	115.7
131	95.3		74.2	111.2





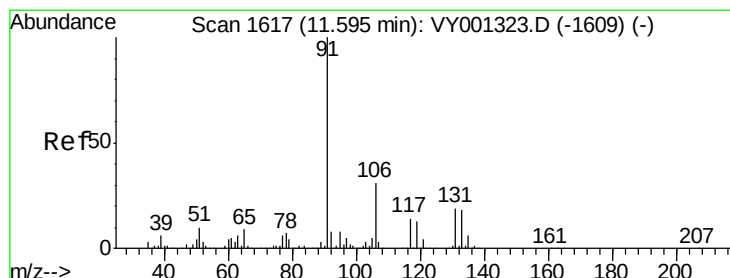
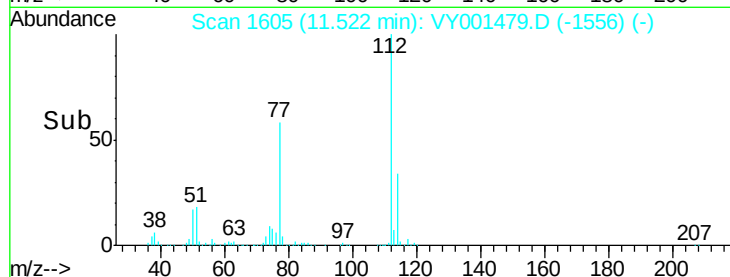
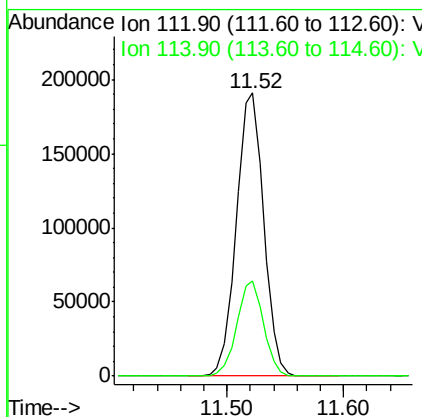
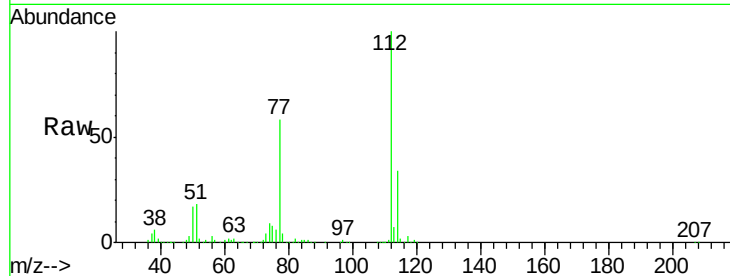
#65
Chlorobenzene
Concen: 49.222 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	312012		
114	33.7	25.8	38.6	

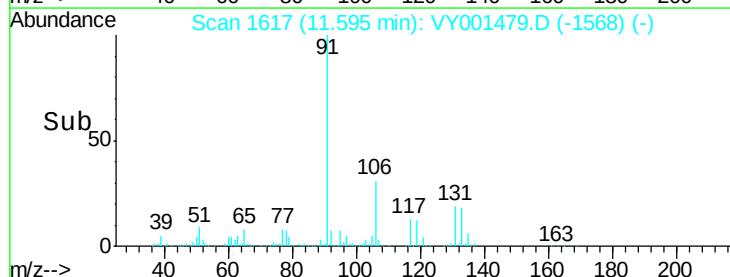
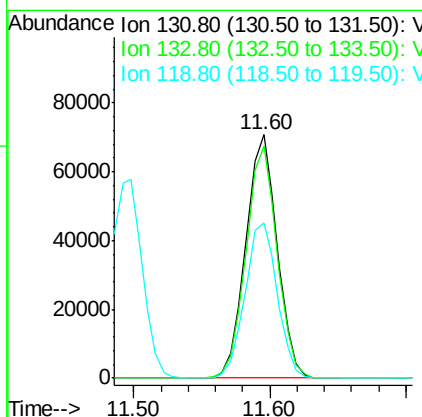
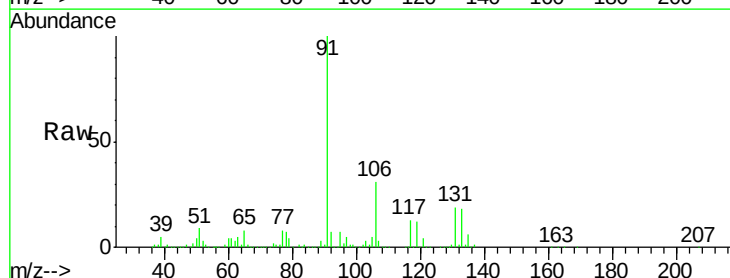
Manual Integrations
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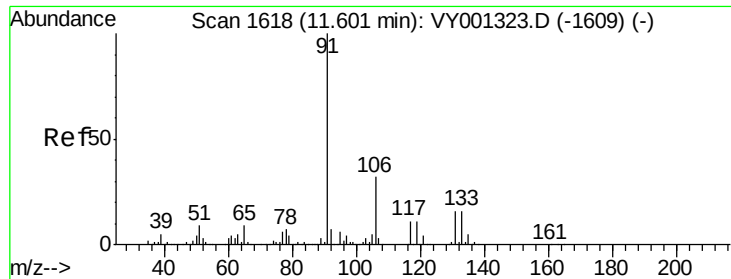
MMDadoda
2/4/2020 11:22:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.936 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	114513		
133	94.5	47.1	141.3	
119	65.4	34.1	102.2	





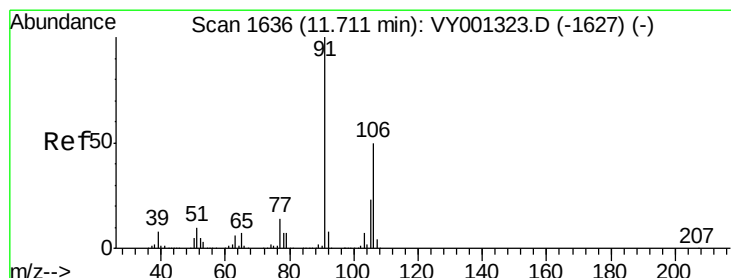
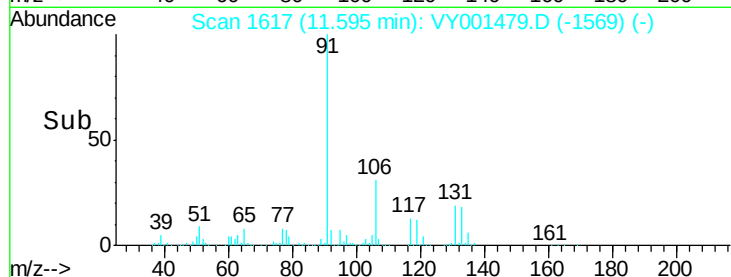
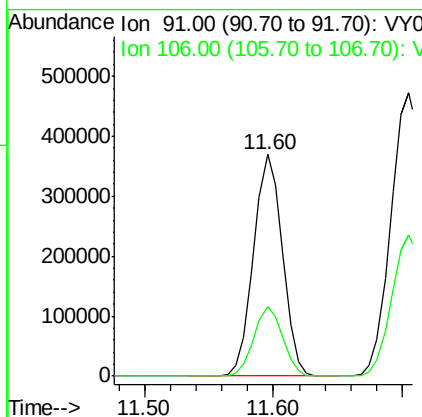
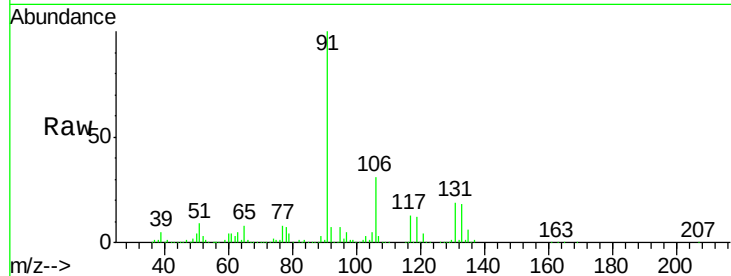
#67
Ethyl Benzene
Concen: 48.837 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 570507
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

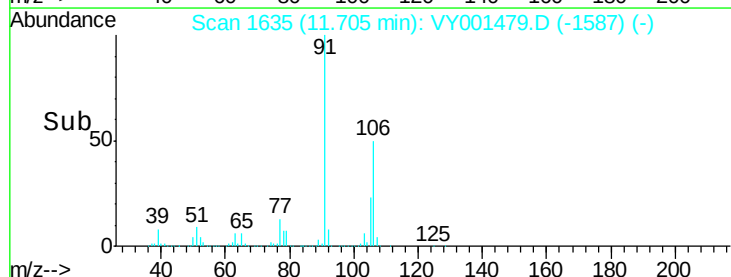
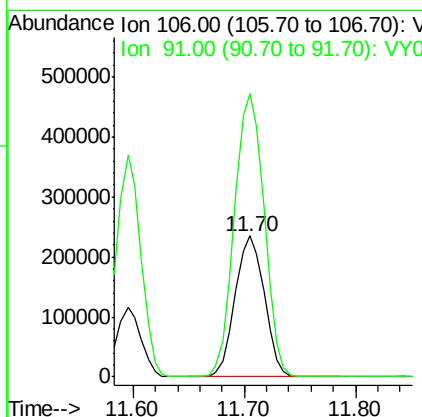
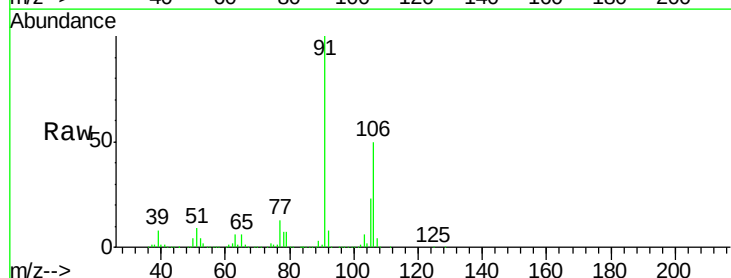
Manual Integrations
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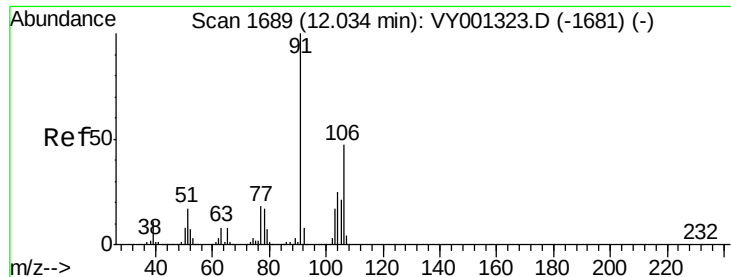
MMDadoda
2/4/2020 11:22:00 AM



#68
m/p-Xylenes
Concen: 98.044 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion: 106 Resp: 427769
Ion Ratio Lower Upper
106 100
91 204.3 162.8 244.2





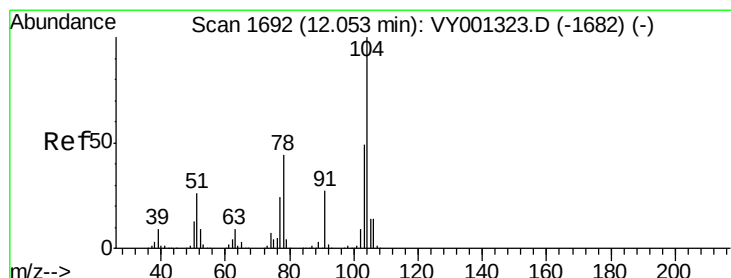
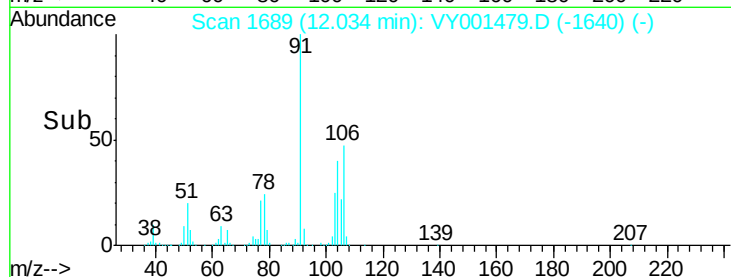
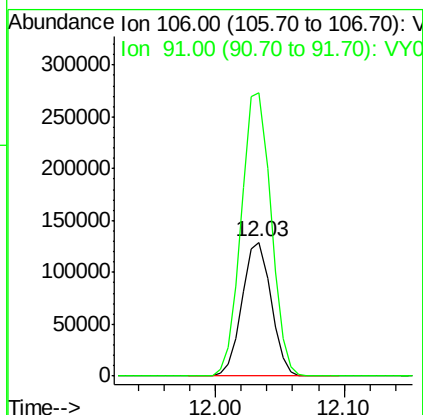
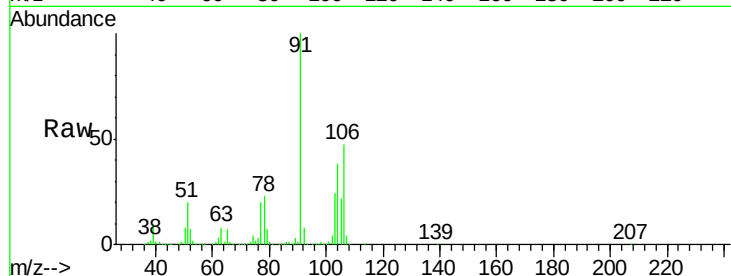
#69
o-Xylene
Concen: 48.058 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		201709		
91	216.9	106.3	319.0		

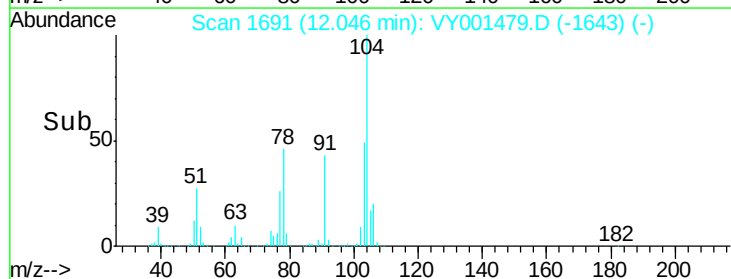
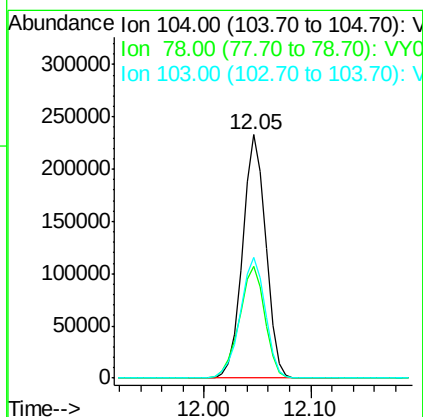
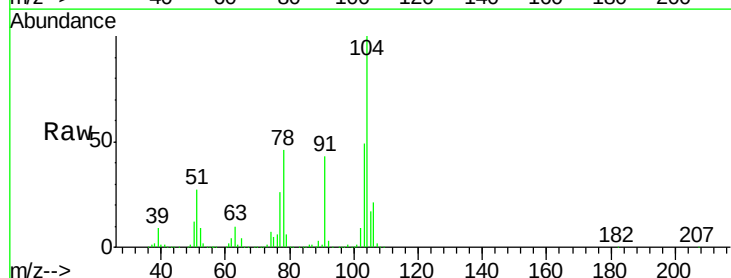
Manual Integrations
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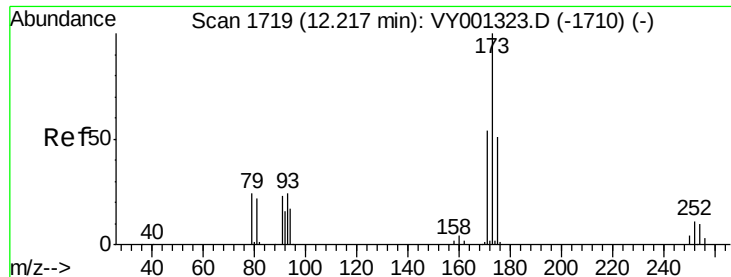
MMDadoda
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#70
Styrene
Concen: 48.477 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		356991		
78	50.6	39.8	59.8		
103	53.6	43.2	64.8		





#71

Bromoform

Concen: 52.091 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 67266

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

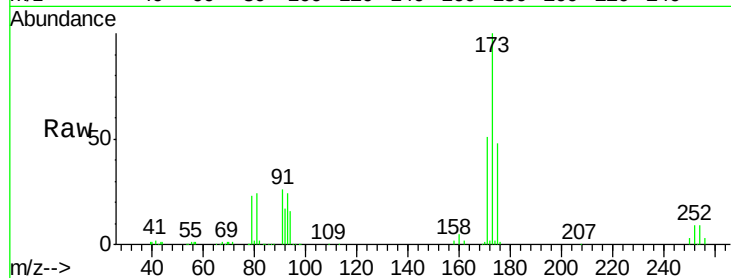
254 0.0 0.0 0.0

Manual Integrations

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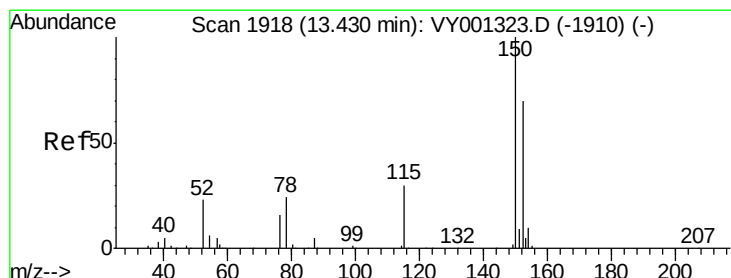
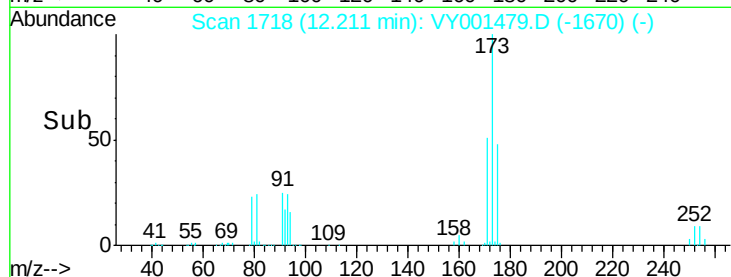
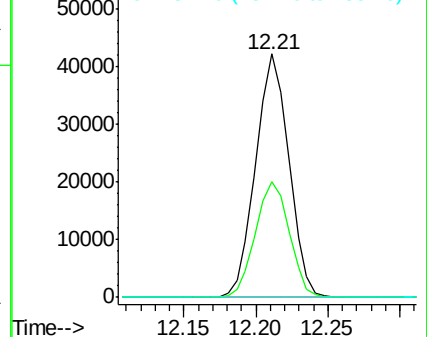
2/4/2020 11:22:00 AM



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: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

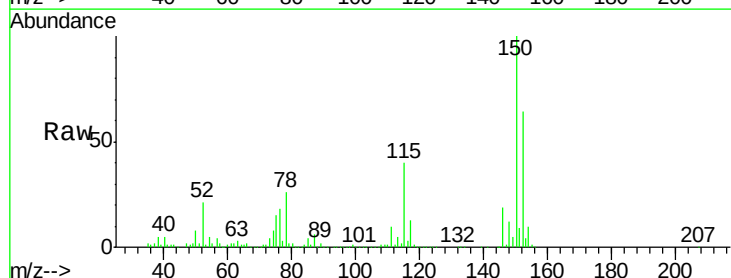
Tgt Ion:152 Resp: 140344

Ion Ratio Lower Upper

152 100

115 63.0 30.9 92.8

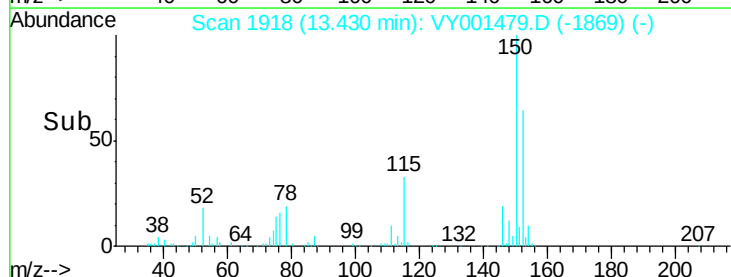
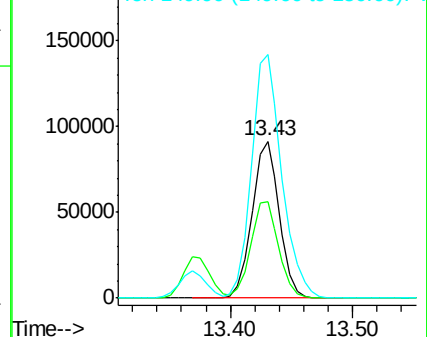
150 173.7 0.0 349.2

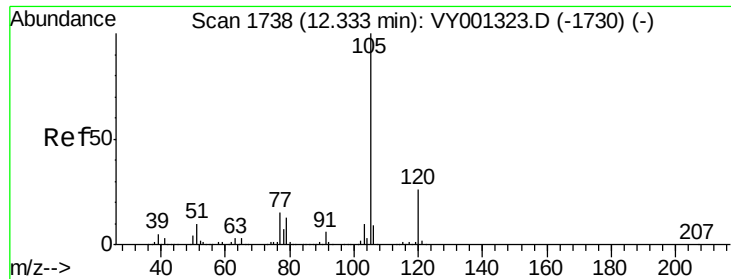


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





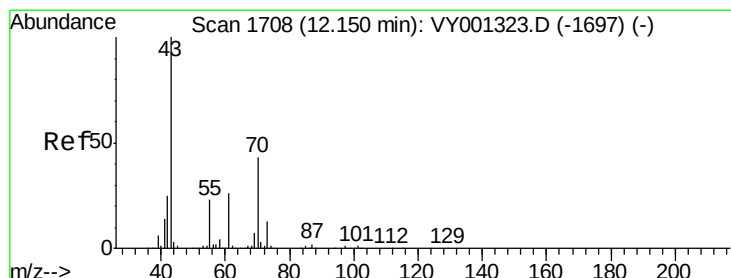
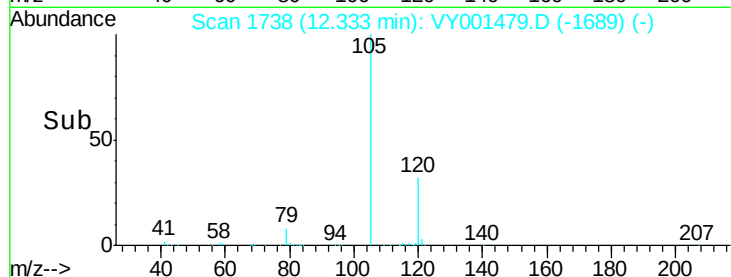
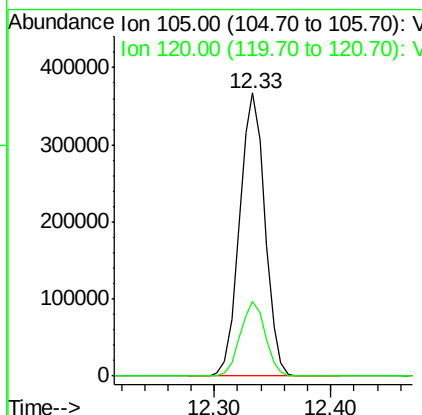
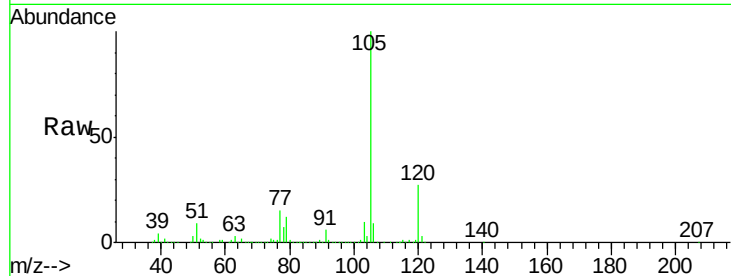
#73
Isopropylbenzene
Concen: 50.326 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.5	40.4

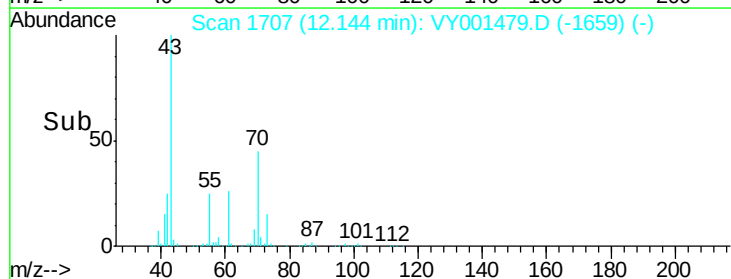
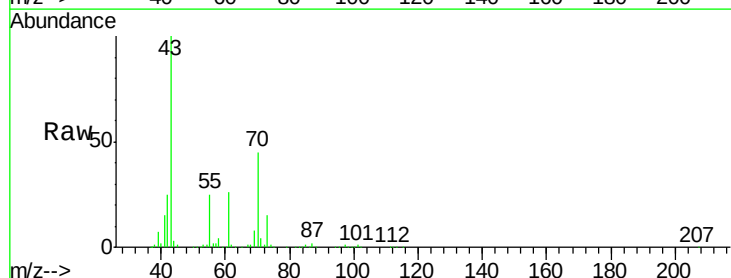
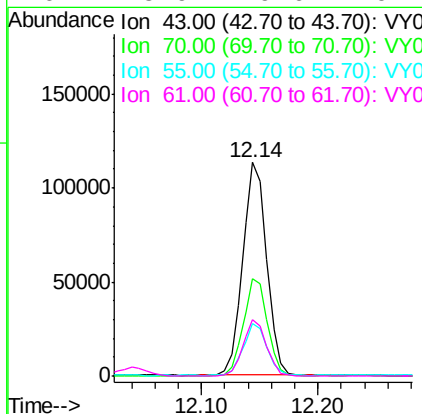
Manual Integrations
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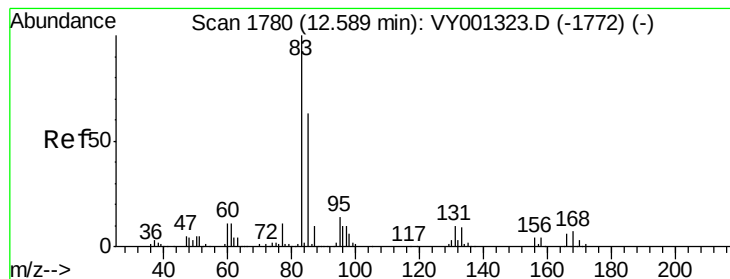
MMDadoda
2/4/2020 11:22:00 AM



#74
N-ethyl acetate
Concen: 44.818 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.2	33.5	50.3
55	24.3	18.2	27.2
61	25.9	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.377 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

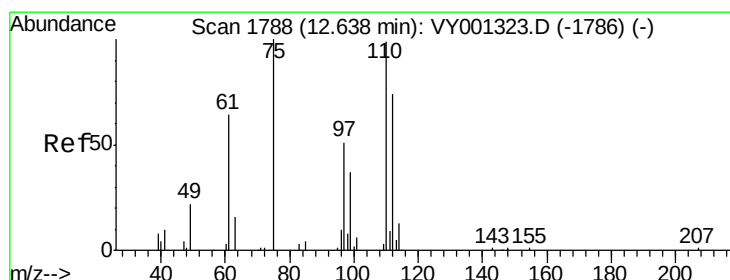
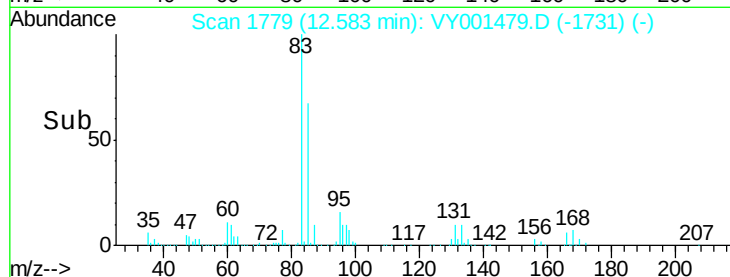
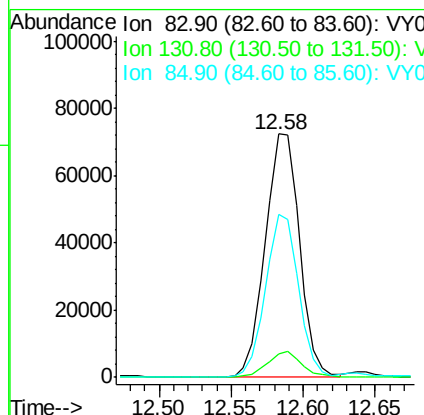
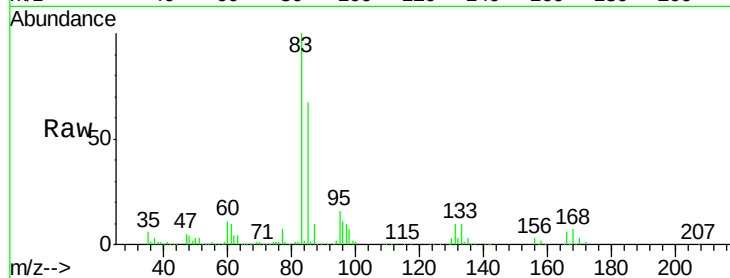
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	119480
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.9	14.6
85	64.3	31.4	94.3

Manual Integrations
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MMDadoda
2/4/2020 11:22:00 AM



#76

1,2,3-Trichloropropane

Concen: 56.411 ug/l m

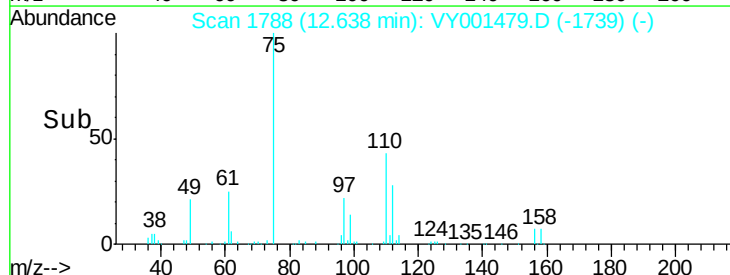
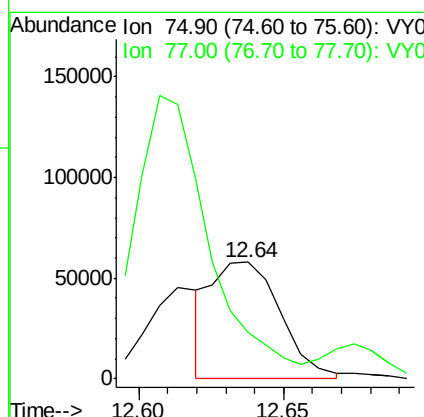
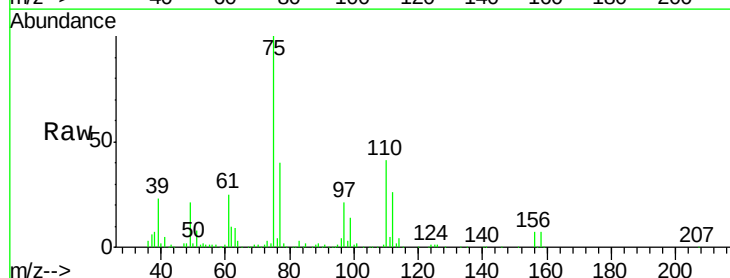
RT: 12.64 min Scan# 1788

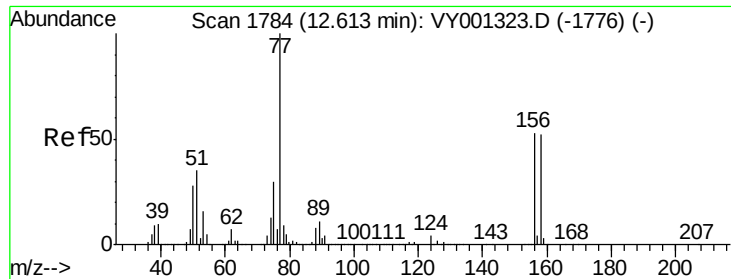
Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	75	Resp:	95399
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.653 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

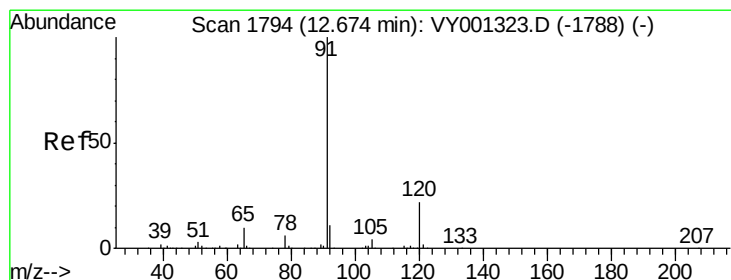
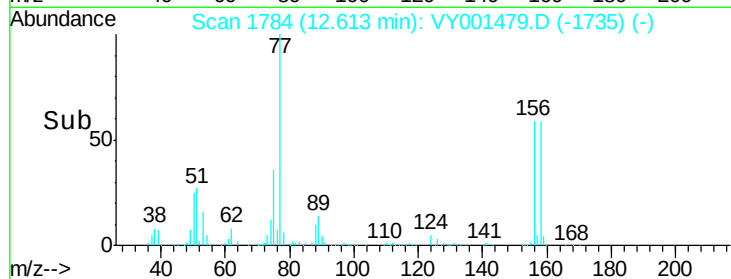
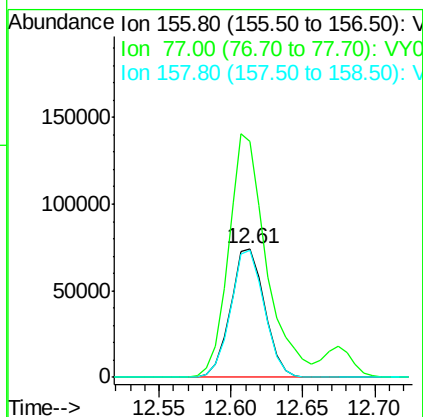
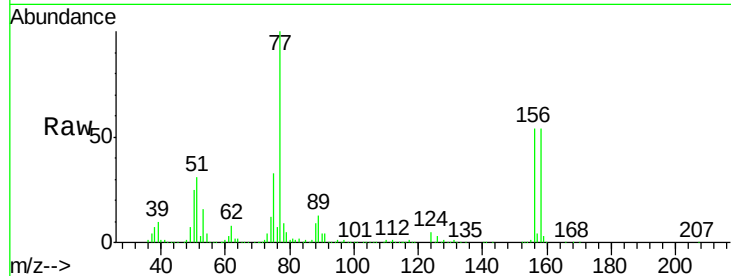
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.1	104.7	313.9
158	98.4	48.6	145.8

Manual Integrations
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2/4/2020 11:22:00 AM



#78

n-propylbenzene

Concen: 49.858 ug/l

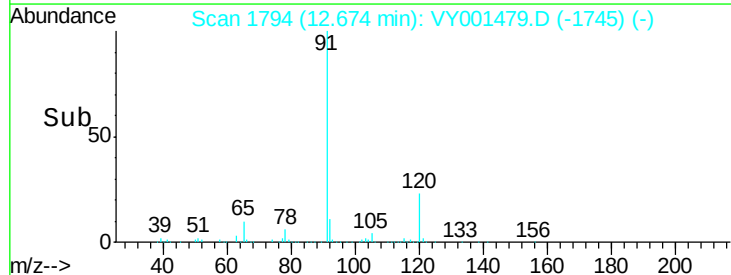
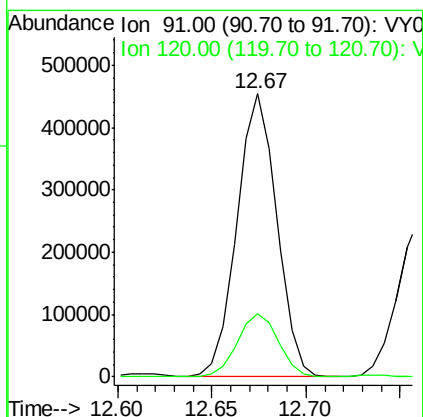
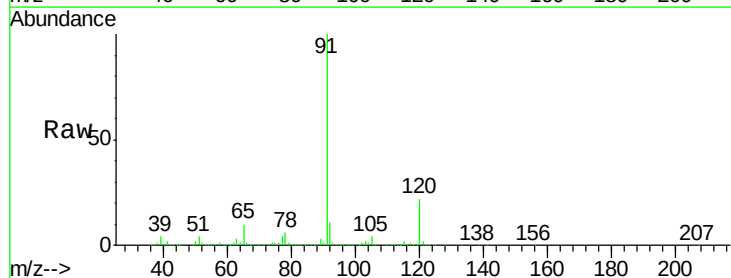
RT: 12.67 min Scan# 1794

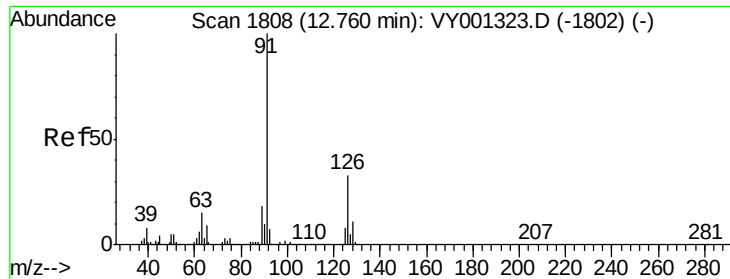
Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.8





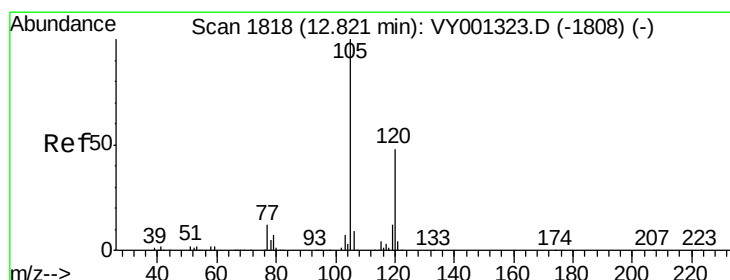
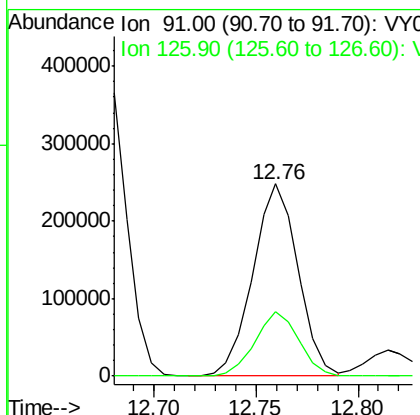
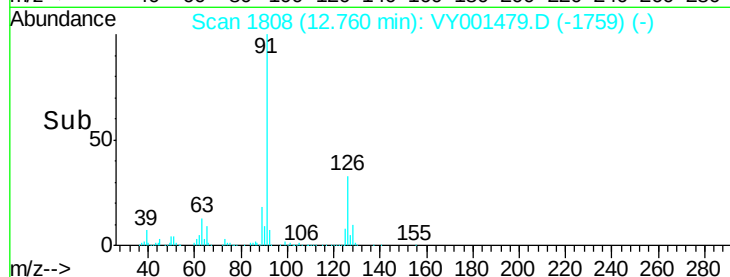
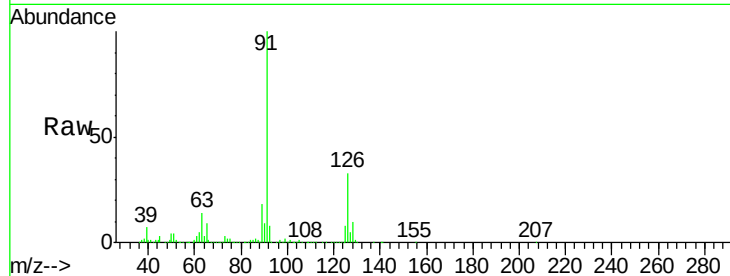
#79
 2-Chlorotoluene
 Concen: 49.975 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 380558
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.7

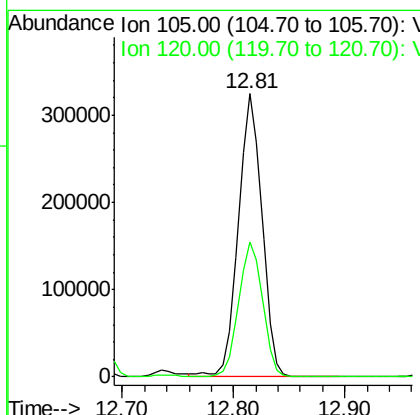
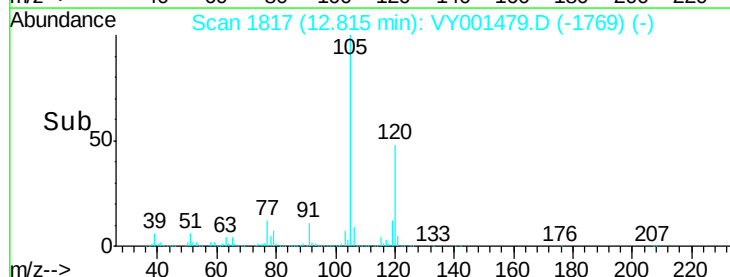
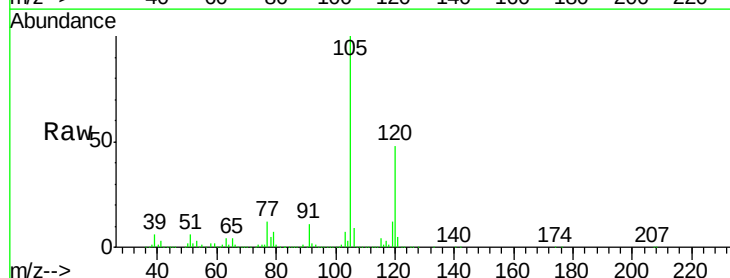
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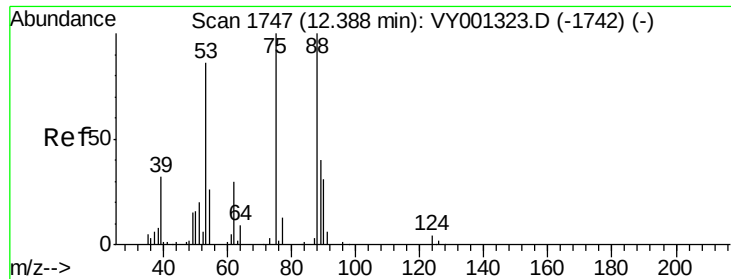
MMDadoda
 2/4/2020 11:22:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.760 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion: 105 Resp: 478466
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.123 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 44793

Ion Ratio Lower Upper

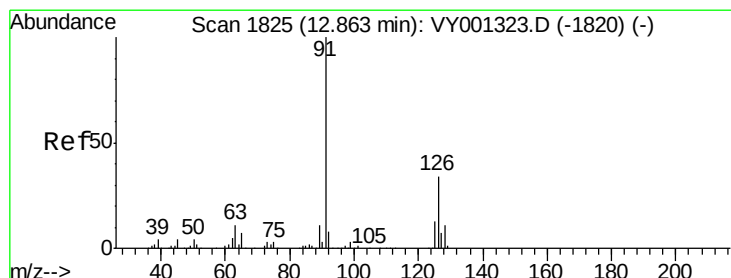
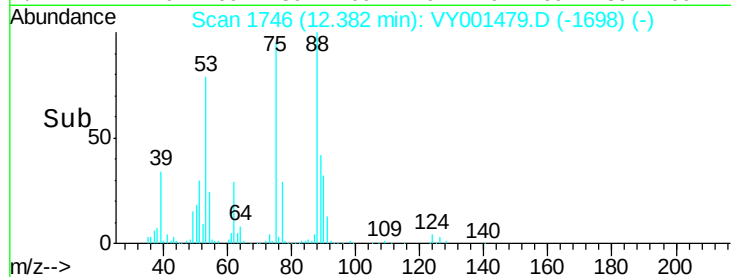
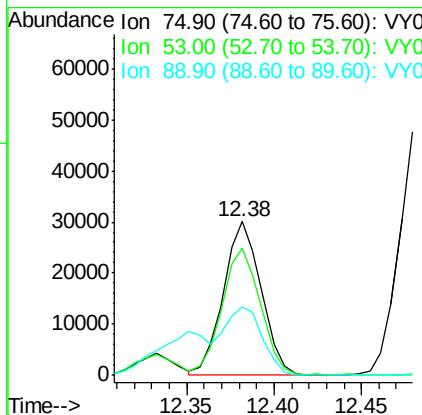
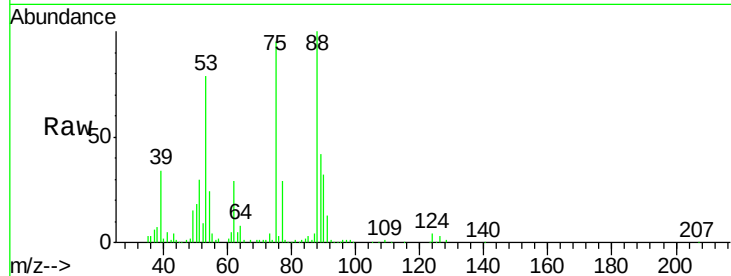
75 100

53 84.0 69.9 104.9

89 45.9 36.6 54.8

Manual Integrations
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MMDadoda
2/4/2020 11:22:00 AM



#82

4-Chlorotoluene

Concen: 49.173 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001479.D

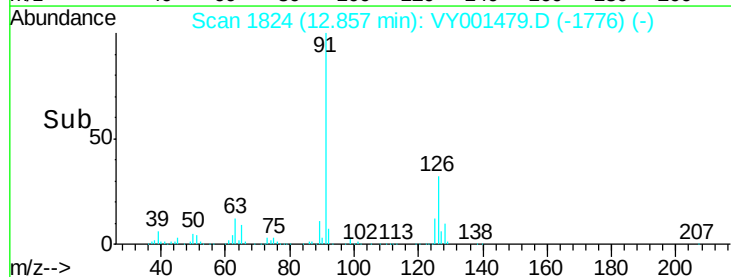
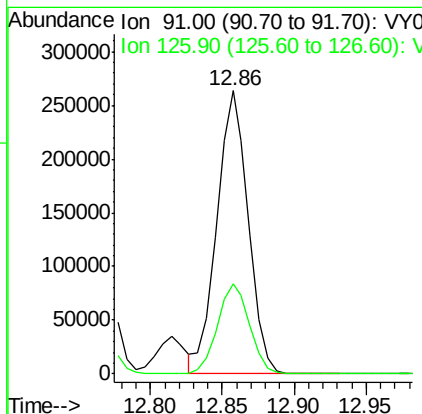
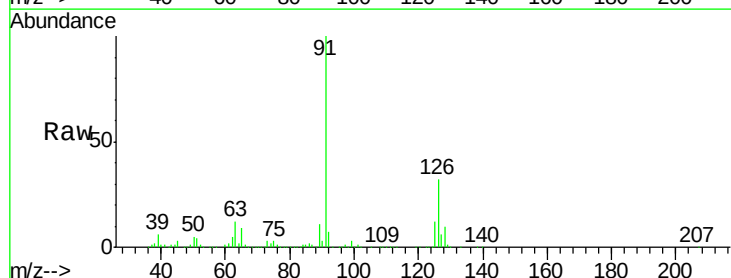
Acq: 03 Feb 2020 17:35

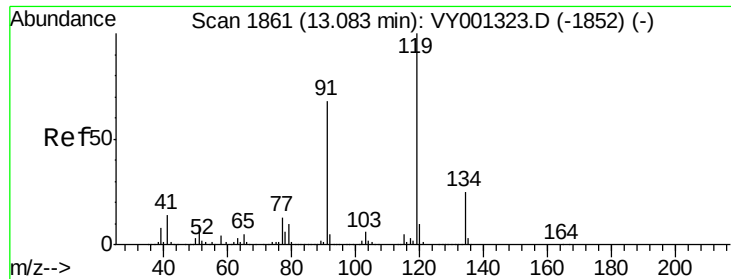
Tgt Ion: 91 Resp: 399974

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.4





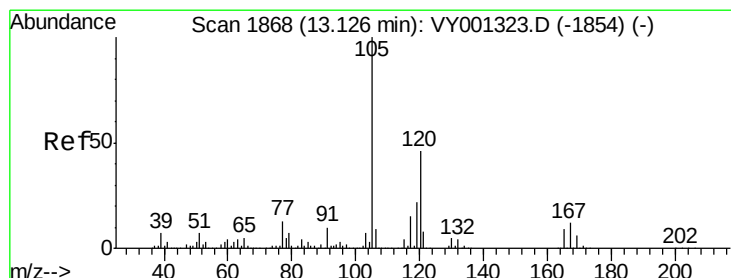
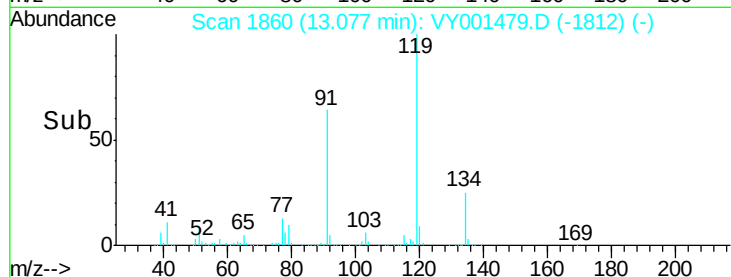
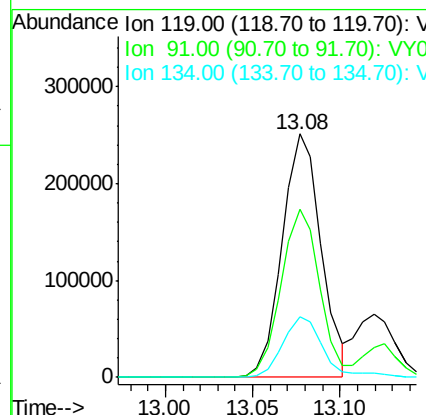
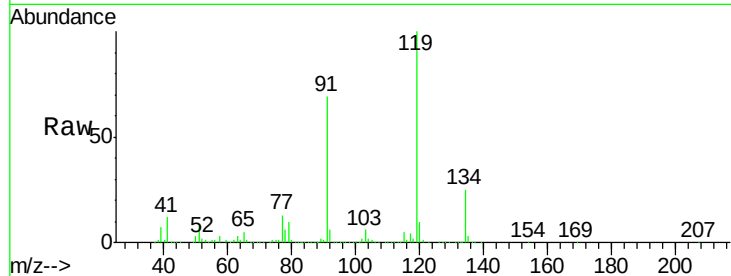
#83
 tert-Butylbenzene
 Concen: 50.239 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	391463		
91	68.9	33.0	99.0	
134	26.2	13.3	39.9	

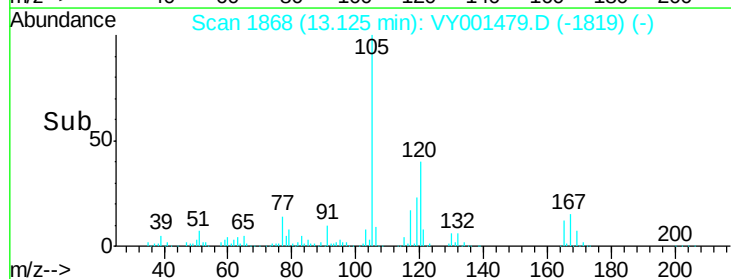
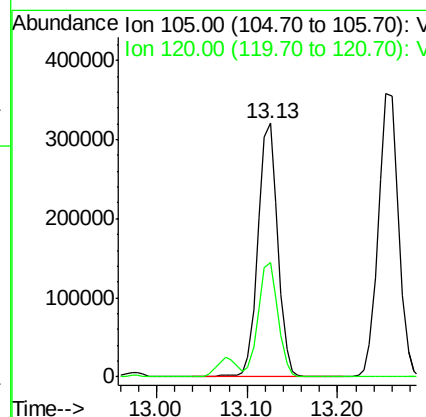
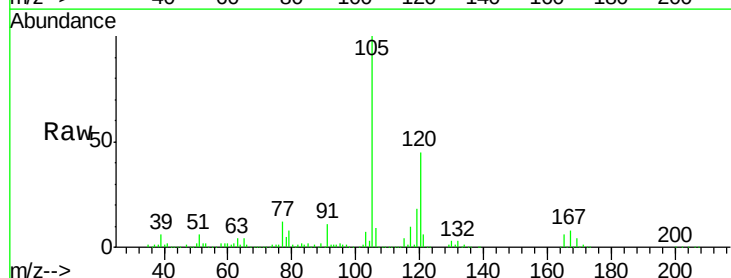
Manual Integrations
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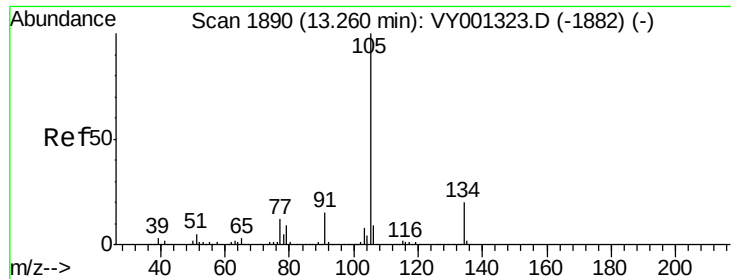
MMDadoda
 2/4/2020 11:22:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.994 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	482545		
120	45.0	22.4	67.3	





#85

sec-Butylbenzene

Concen: 49.994 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 553476

Ion Ratio Lower Upper

105 100

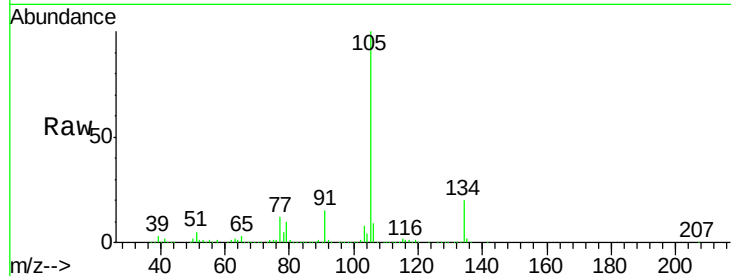
134 20.1 9.8 29.4

Manual Integrations

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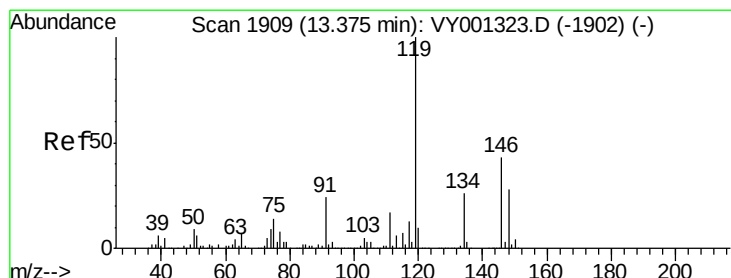
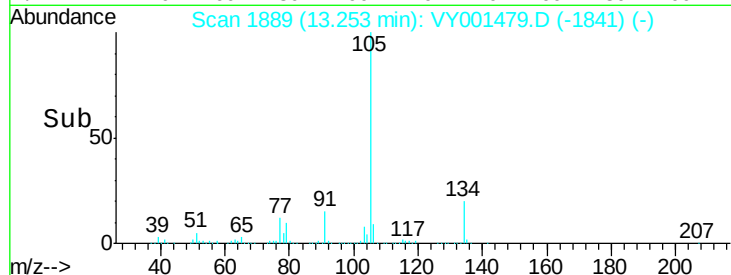
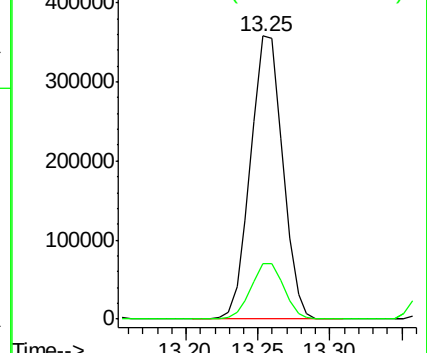
MMDadoda

2/4/2020 11:22:00 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.682 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

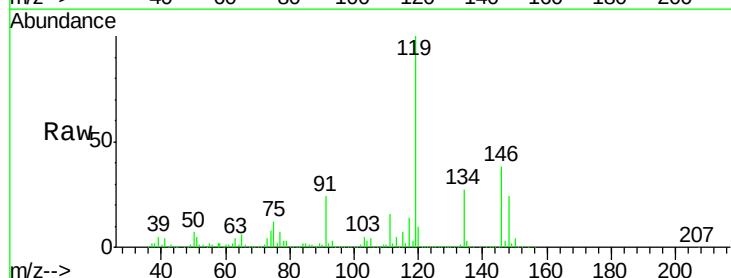
Tgt Ion:119 Resp: 484698

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

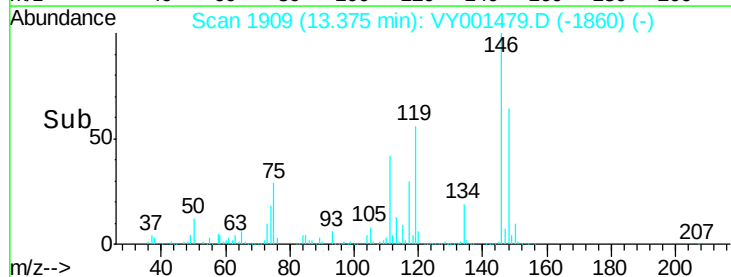
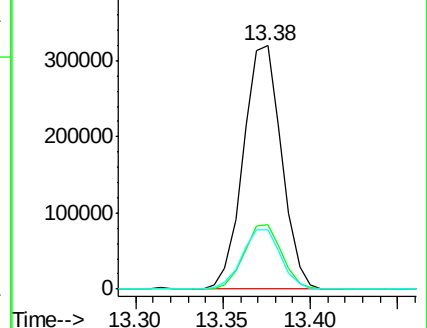
91 24.5 12.2 36.6

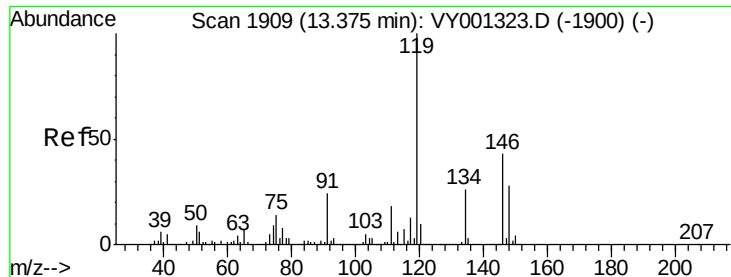


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





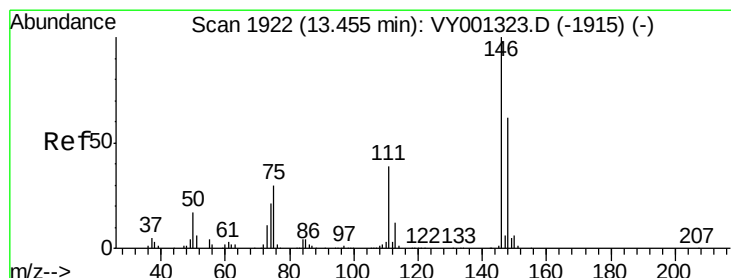
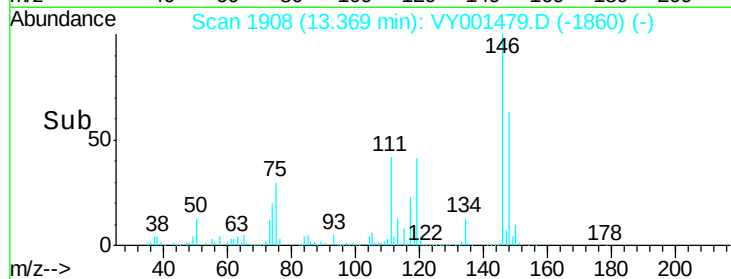
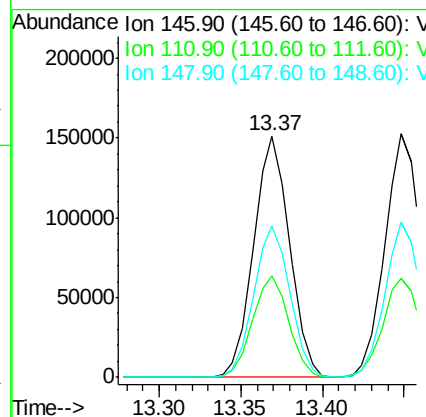
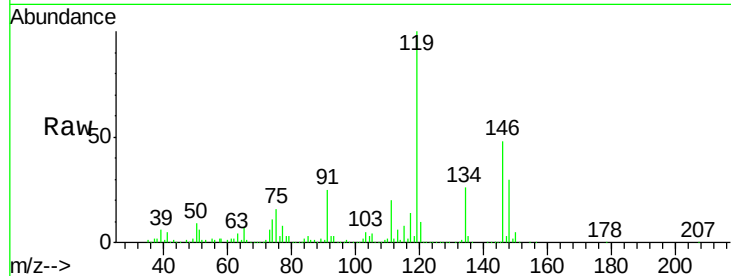
#87
 1,3-Dichlorobenzene
 Concen: 48.891 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.2	20.6	61.8	
148	63.4	31.6	95.0	

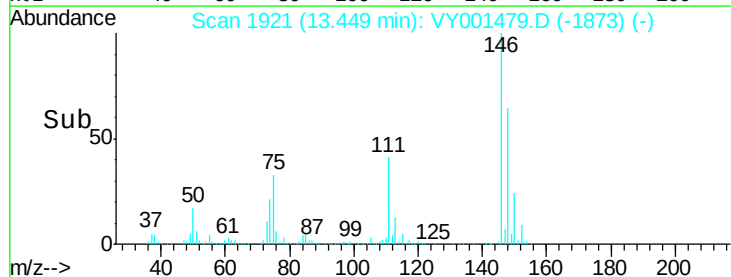
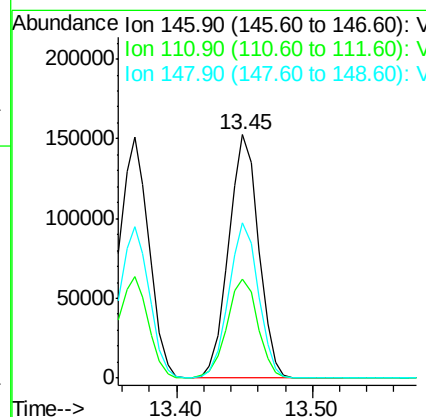
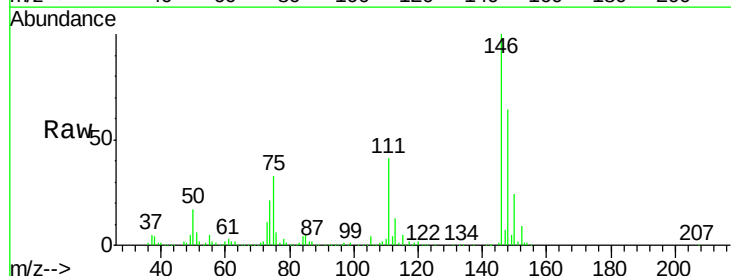
Manual Integrations
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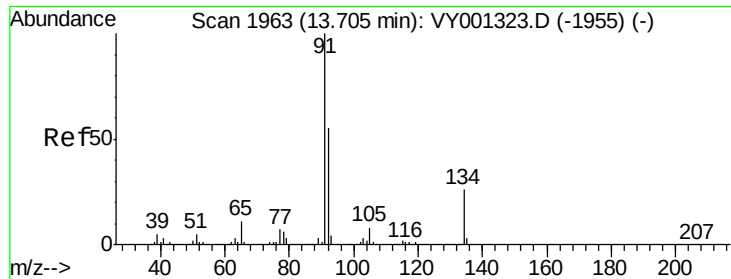
MMDadoda
 2/4/2020 11:22:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.602 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.0	20.5	61.5	
148	63.4	31.6	95.0	





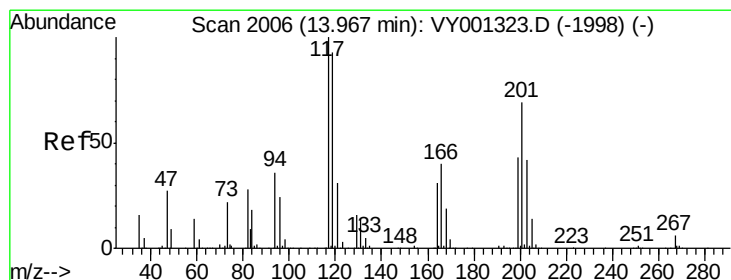
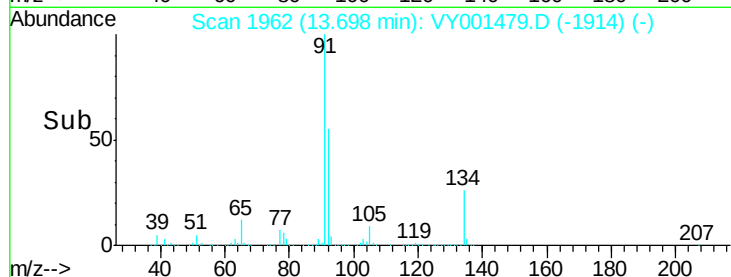
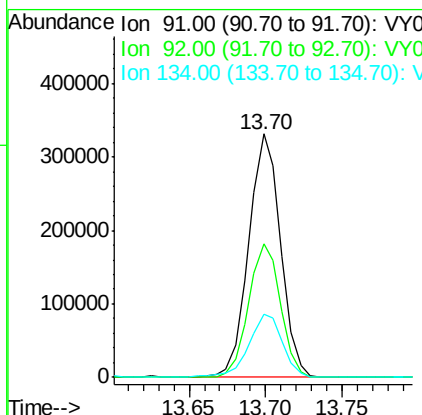
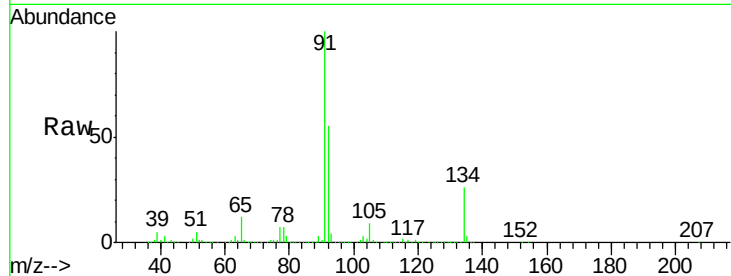
#89
n-Butylbenzene
Concen: 48.674 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.8
134	27.3	12.9	38.6

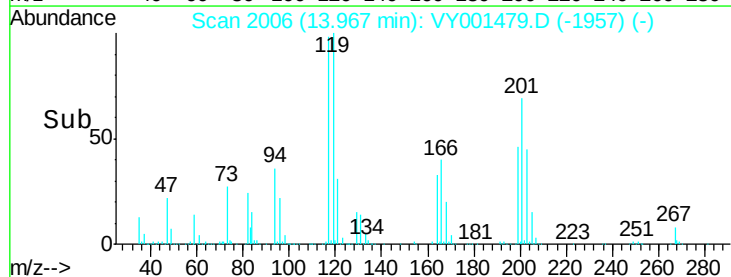
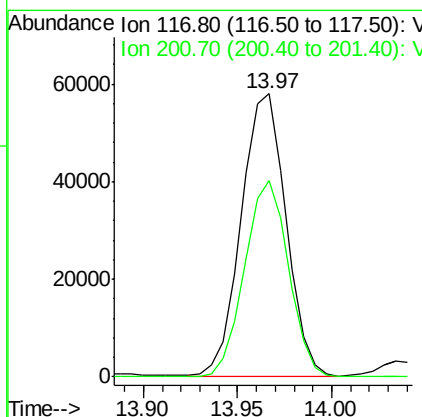
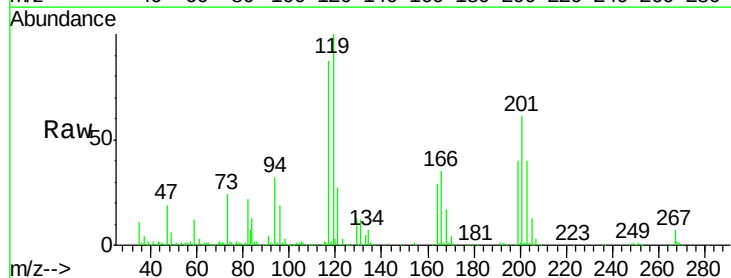
Manual Integrations
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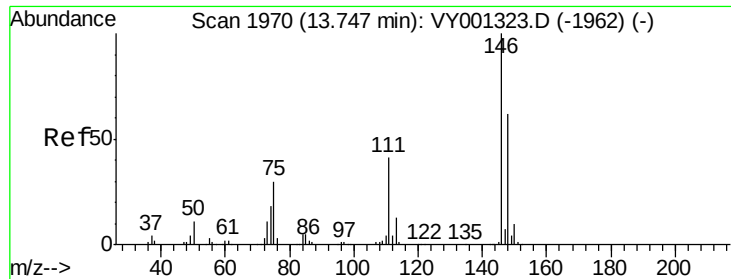
MMDadoda
2/4/2020 11:22:00 AM



#90
Hexachloroethane
Concen: 51.616 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.6	103.8





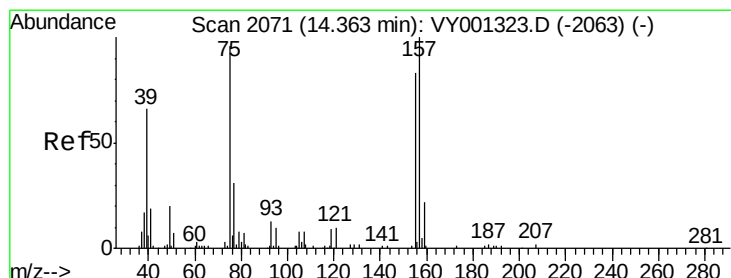
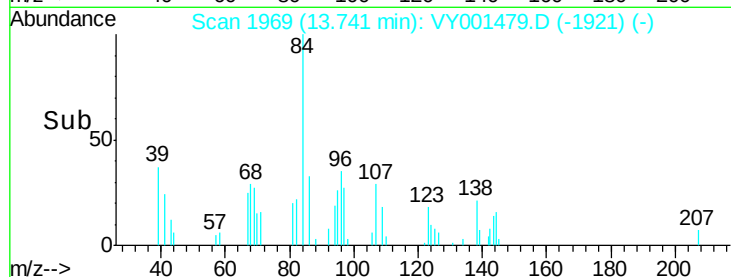
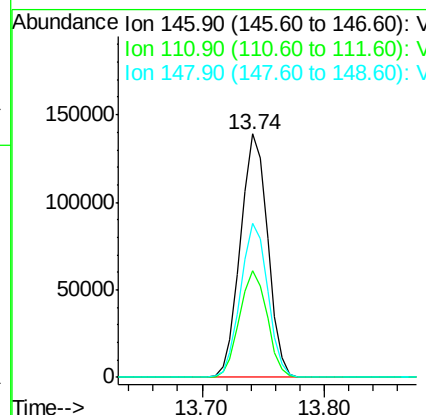
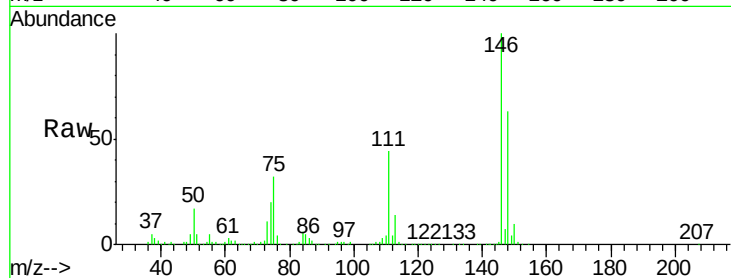
#91
 1,2-Dichlorobenzene
 Concen: 49.239 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.4
148	63.1	31.5	94.5

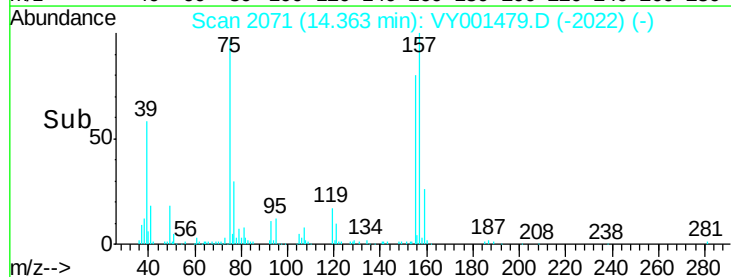
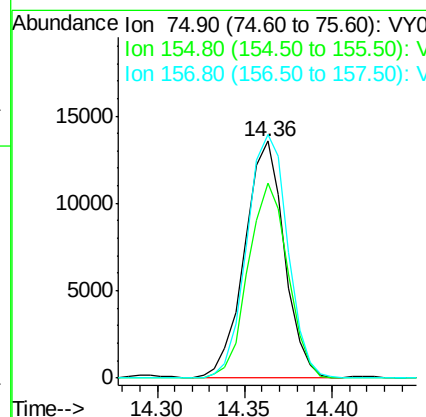
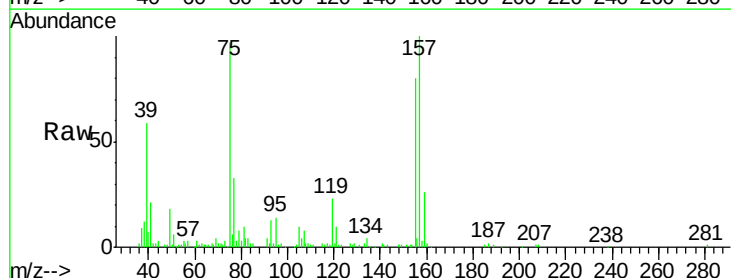
Manual Integrations
 APPROVED

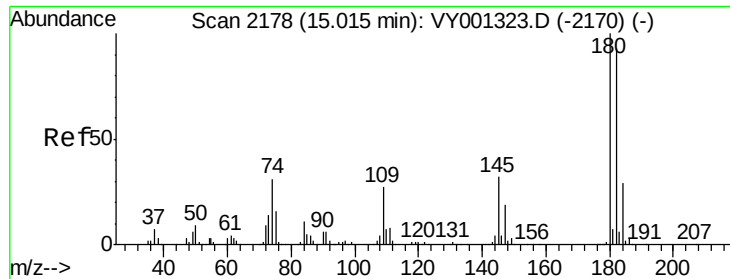
MMDadoda
 2/4/2020 11:22:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.395 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001479.D
 Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.9	43.0	129.2
157	105.8	53.3	160.0





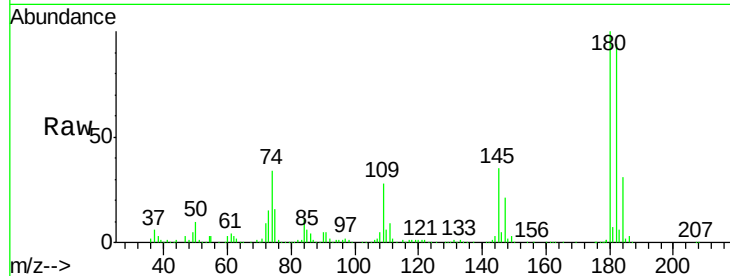
#93
1,2,4-Trichlorobenzene
Concen: 46.767 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

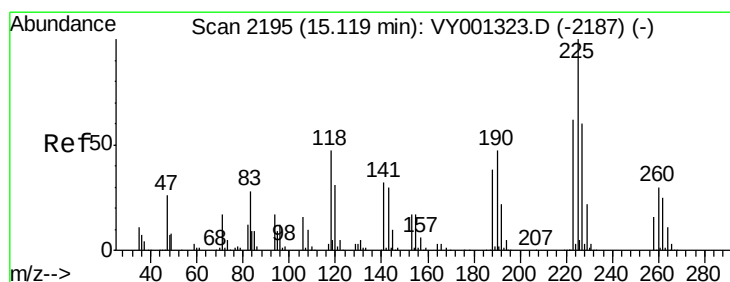
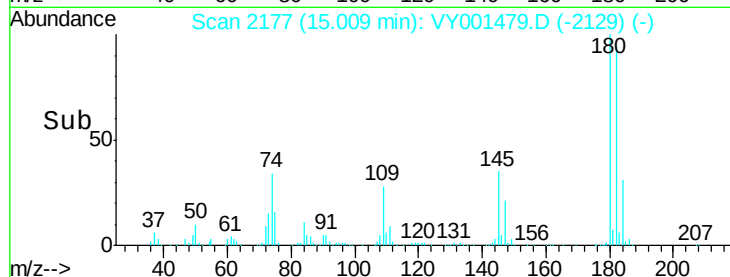
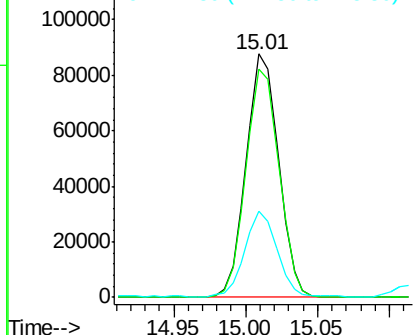
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	35.3	16.3	48.9

Manual Integrations
APPROVED

MMDadoda
2/4/2020 11:22:00 AM

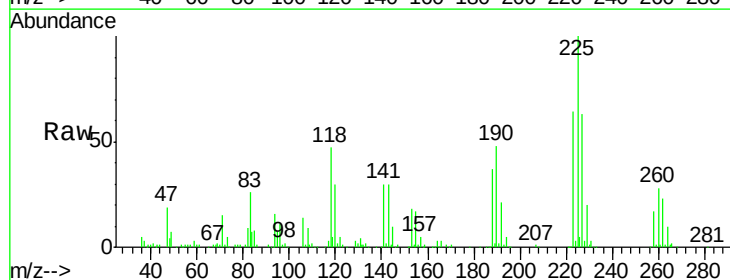


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

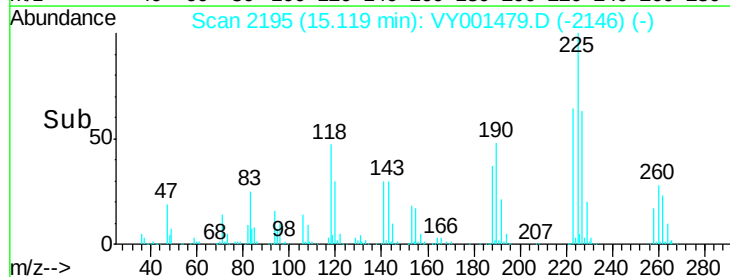
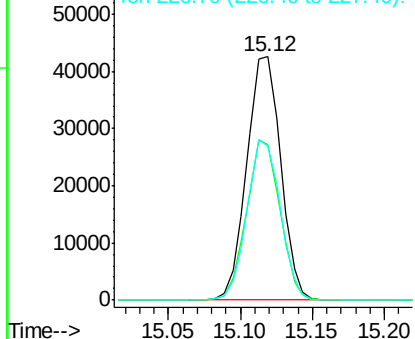


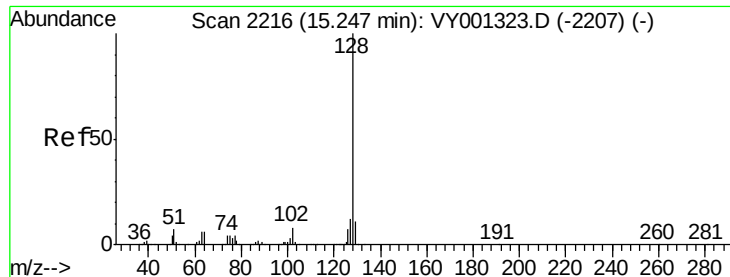
#94
Hexachlorobutadiene
Concen: 48.778 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001479.D
Acq: 03 Feb 2020 17:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.2	93.6
227	64.4	31.0	93.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.321 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Instrument :

MSVOA_Y

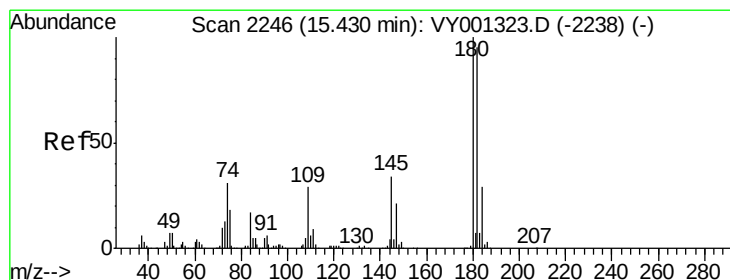
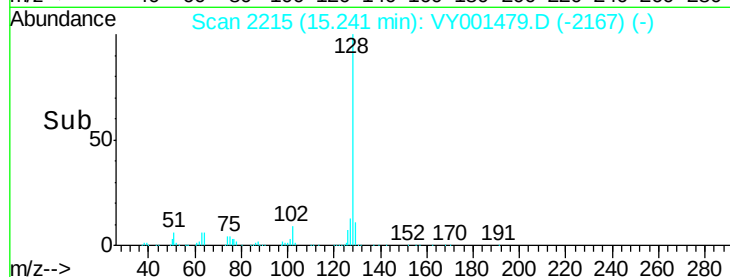
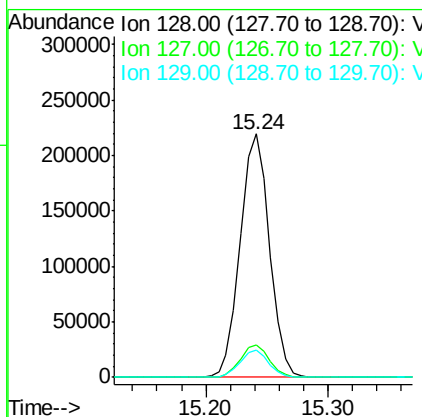
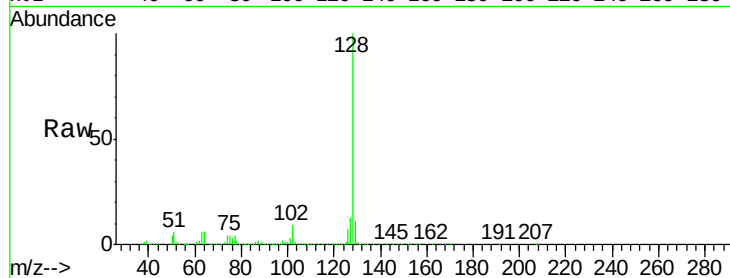
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	363194
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/4/2020 11:22:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.799 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001479.D

Acq: 03 Feb 2020 17:35

Tgt Ion:	180	Resp:	122604
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.3	141.8
145	38.4	16.8	50.3

