

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001486.D
 Acq On : 04 Feb 2020 14:42
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:23:49 PM

Quant Time: Feb 04 15:06:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 14:58:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	225790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	400183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	349366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	154518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	349939	153.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.86%	
35) Dibromofluoromethane	7.74	113	331660	143.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.44%	
50) Toluene-d8	10.19	98	1302669	149.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.40%	
62) 4-Bromofluorobenzene	12.49	95	470723	136.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	314082	142.106	ug/l	97
3) Chloromethane	2.12	50	319179	138.171	ug/l	98
4) Vinyl Chloride	2.26	62	339861	141.691	ug/l	98
5) Bromomethane	2.64	94	179974	119.307	ug/l	97
6) Chloroethane	2.80	64	199808	138.197	ug/l	97
7) Trichlorofluoromethane	3.14	101	554033	139.543	ug/l	98
8) Diethyl Ether	3.55	74	194612	145.255	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	329117	137.770	ug/l	99
10) Methyl Iodide	4.11	142	448898	147.475	ug/l	100
11) Tert butyl alcohol	4.99	59	179413	513.559	ug/l	99
12) 1,1-Dichloroethene	3.89	96	329165	138.662	ug/l	100
13) Acrolein	3.75	56	168239	781.551	ug/l	100
14) Allyl chloride	4.50	41	513176	141.313	ug/l	99
15) Acrylonitrile	5.20	53	471281	767.294	ug/l	100
16) Acetone	3.97	43	557367	847.578	ug/l	98
17) Carbon Disulfide	4.21	76	1058816	140.108	ug/l	99
18) Methyl Acetate	4.50	43	217554	155.030	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	922348	146.102	ug/l	100
20) Methylene Chloride	4.74	84	354390	119.870	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	366865	139.016	ug/l	99
22) Diisopropyl ether	6.15	45	1026352	142.653	ug/l	99
23) Vinyl Acetate	6.09	43	3299659	720.429	ug/l	99
24) 1,1-Dichloroethane	6.05	63	607259	140.322	ug/l	99
25) 2-Butanone	7.02	43	683095	800.690	ug/l	98
26) 2,2-Dichloropropane	7.01	77	546898	132.044	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	397702	137.976	ug/l	100
28) Bromochloromethane	7.36	49	230917	156.633	ug/l	99
29) Tetrahydrofuran	7.37	42	398773	779.856	ug/l	100
30) Chloroform	7.53	83	615635	140.441	ug/l	100
31) Cyclohexane	7.81	56	576342	130.194	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	555548	139.782	ug/l	100
36) 1,1-Dichloropropene	7.94	75	495422	135.327	ug/l	100
37) Ethyl Acetate	7.10	43	269820	152.249	ug/l	99
38) Carbon Tetrachloride	7.93	117	488212	137.837	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	646666	134.152	ug/l	97
40) Benzene	8.18	78	1414503	135.462	ug/l	99
41) Methacrylonitrile	7.34	41	112136m	96.210	ug/l	
42) 1,2-Dichloroethane	8.26	62	406594	139.764	ug/l	99
43) Isopropyl Acetate	8.29	43	525999	149.903	ug/l	98
44) Trichloroethene	8.96	130	383556	136.271	ug/l	100
45) 1,2-Dichloropropane	9.23	63	349790	138.723	ug/l	100
46) Dibromomethane	9.32	93	199547	140.934	ug/l	99
47) Bromodichloromethane	9.51	83	488936	141.726	ug/l	100
48) Methyl methacrylate	9.31	41	238879	149.994	ug/l	99
49) 1,4-Dioxane	9.32	88	56048	2997.375	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	1304171	754.707	ug/l	99
52) Toluene	10.25	92	885688	133.677	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	536571	142.799	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	600310	139.160	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	287274	141.413	ug/l	99
56) Ethyl methacrylate	10.52	69	432869	149.812	ug/l	99
57) 1,3-Dichloropropane	10.80	76	499222	139.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	785469	738.959	ug/l	99
59) 2-Hexanone	10.84	43	994157	791.246	ug/l	100
60) Dibromochloromethane	10.99	129	340968	142.391	ug/l	99
61) 1,2-Dibromoethane	11.10	107	287373	143.624	ug/l	98
64) Tetrachloroethene	10.73	164	335628	146.487	ug/l	96
65) Chlorobenzene	11.52	112	935912	136.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	324557	135.184	ug/l	98
67) Ethyl Benzene	11.60	91	1665140	131.285	ug/l	99
68) m/p-Xylenes	11.71	106	1235778	259.539	ug/l	100
69) o-Xylene	12.03	106	580784	129.368	ug/l	96
70) Styrene	12.05	104	1032590	133.005	ug/l	100
71) Bromoform	12.22	173	198977	148.838	ug/l #	99
73) Isopropylbenzene	12.34	105	1588301	134.775	ug/l	100
74) N-amyl acetate	12.15	43	473702	154.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	336303	150.201	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	249716m	132.525	ug/l	
77) Bromobenzene	12.61	156	350047	137.253	ug/l	94
78) n-propylbenzene	12.68	91	1901524	134.780	ug/l	100
79) 2-Chlorotoluene	12.76	91	1096150	136.304	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	1321485	133.150	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	133769	155.767	ug/l	97
82) 4-Chlorotoluene	12.86	91	1136230	134.757	ug/l	100
83) tert-Butylbenzene	13.08	119	1118366	133.310	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	1283619	130.675	ug/l	99
85) sec-Butylbenzene	13.26	105	1547876	131.232	ug/l	99
86) p-Isopropyltoluene	13.38	119	1322904	127.275	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	630288	128.956	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	656196	134.012	ug/l	99
89) n-Butylbenzene	13.70	91	1340411	130.702	ug/l	100
90) Hexachloroethane	13.97	117	273995	137.342	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	602963	136.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	61515	148.823	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	402622	134.889	ug/l	99
94) Hexachlorobutadiene	15.11	225	199317	131.571	ug/l	98
95) Naphthalene	15.24	128	1018129	145.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	365781	138.827	ug/l	98

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

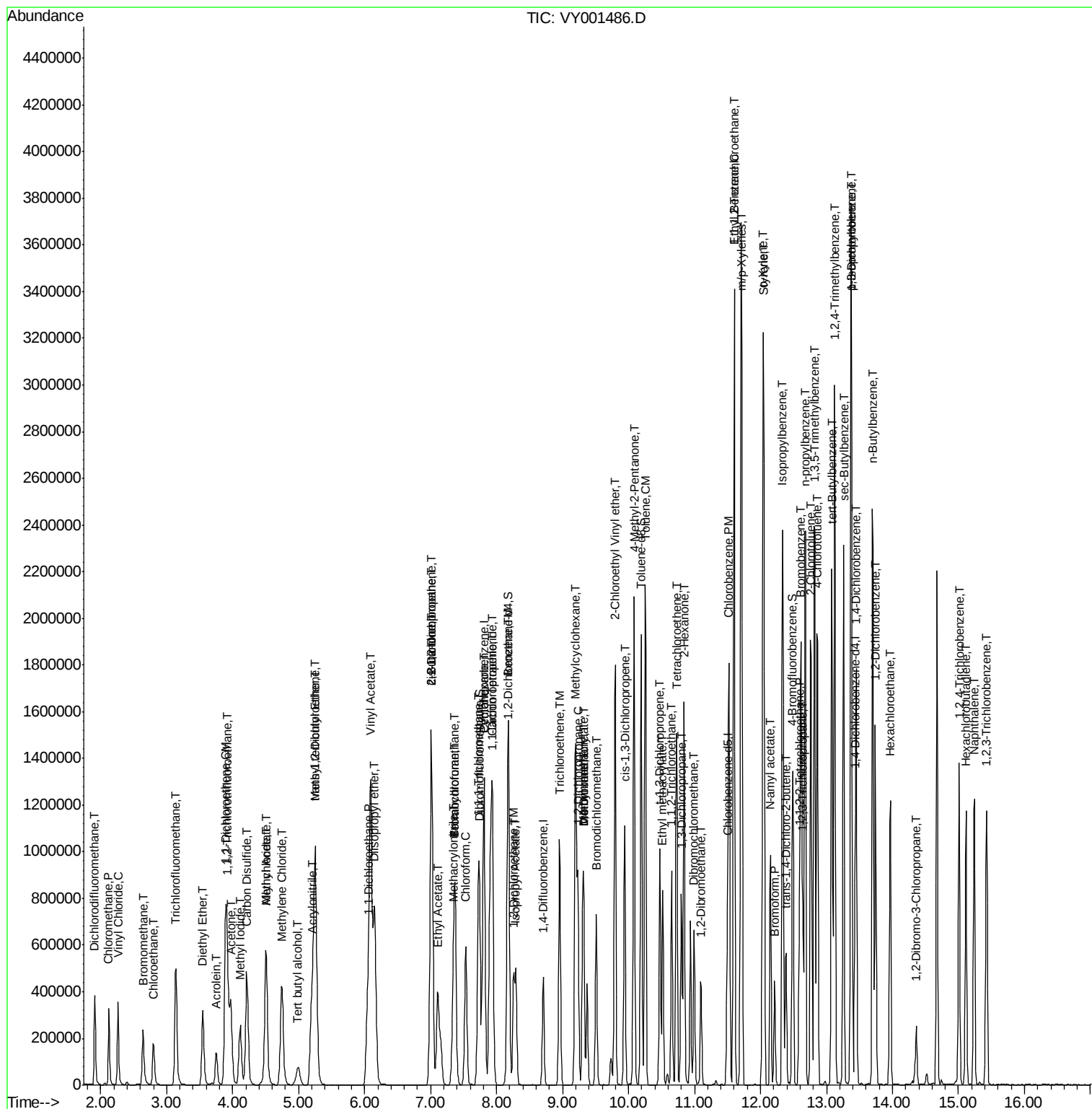
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Data File : VY001486.D
Acq On : 04 Feb 2020 14:42
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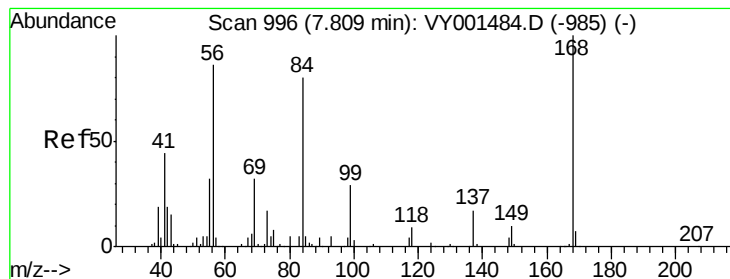
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 225790

Ion Ratio Lower Upper

168 100

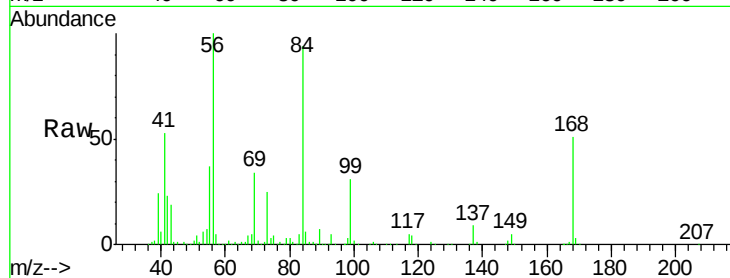
99 60.5 48.2 72.4

Manual Integrations

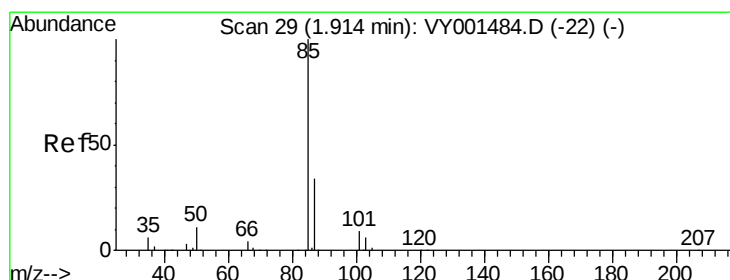
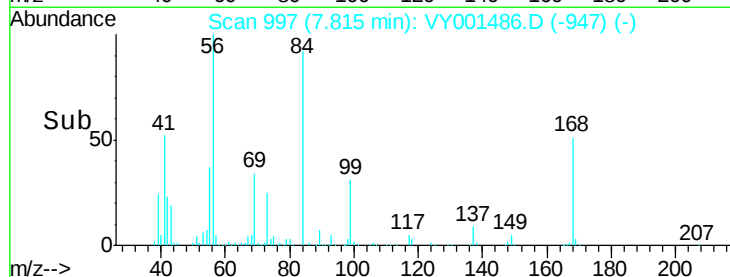
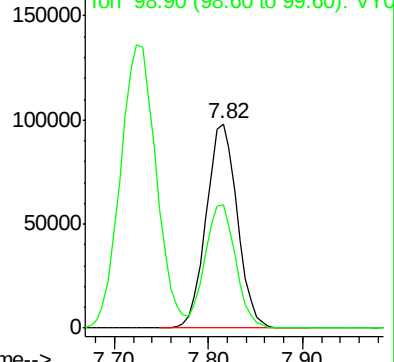
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2/5/2020 12:23:49 PM



Abundance Ion 167.90 (167.60 to 168.60): VY001486.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 142.106 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001486.D

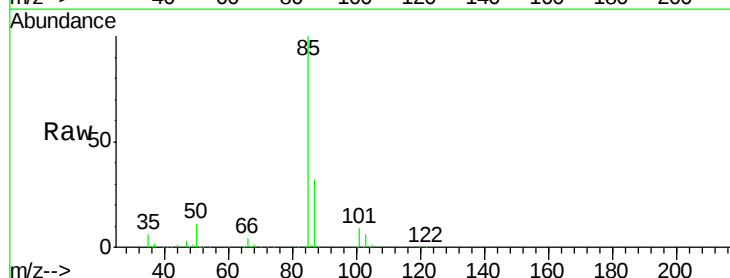
Acq: 04 Feb 2020 14:42

Tgt Ion: 85 Resp: 314082

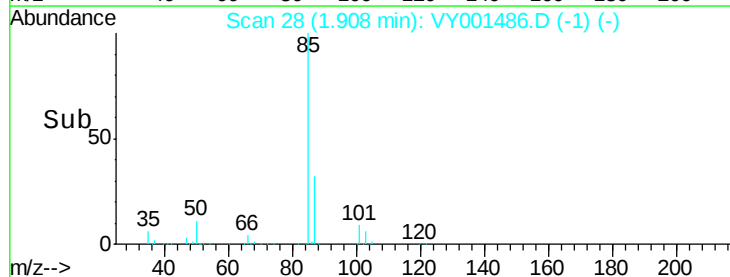
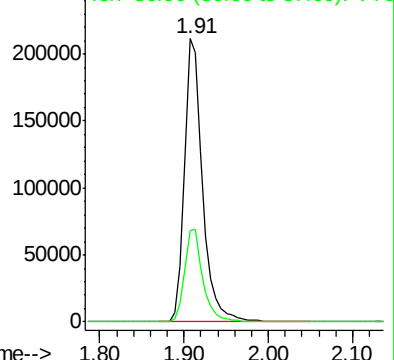
Ion Ratio Lower Upper

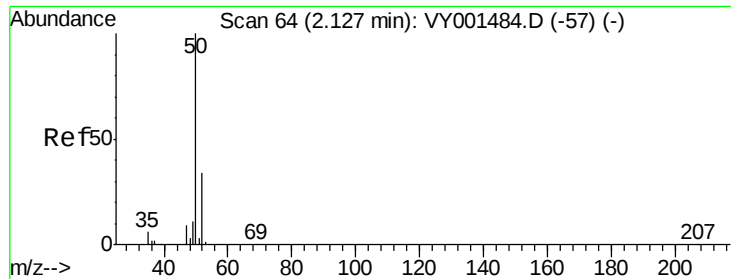
85 100

87 32.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001486.D (-1) (-)





#3

Chloromethane

Concen: 138.171 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 319179

Ion Ratio Lower Upper

50 100

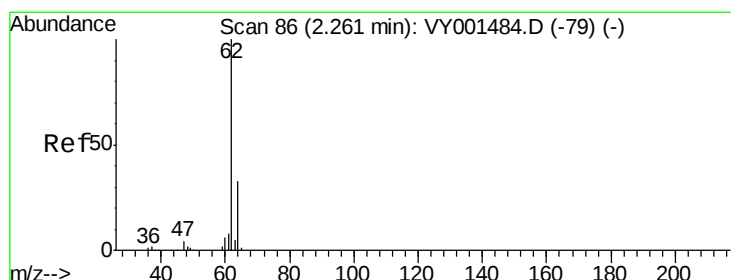
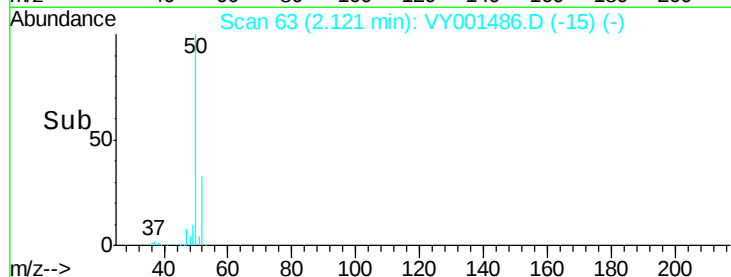
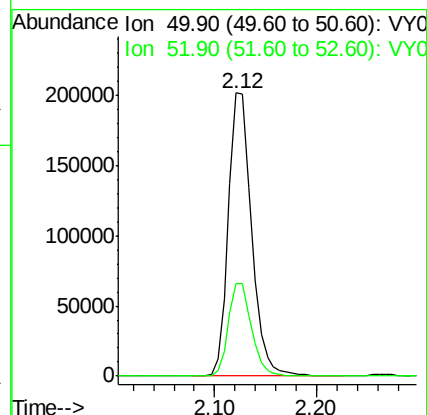
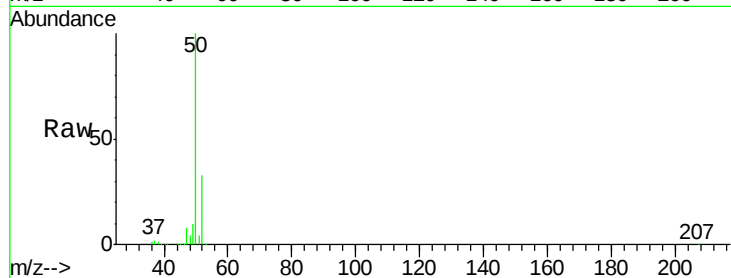
52 32.9 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 141.691 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001486.D

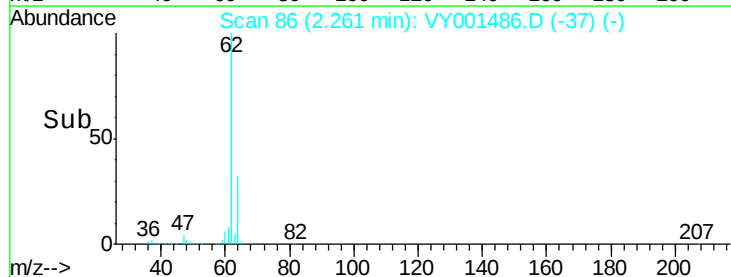
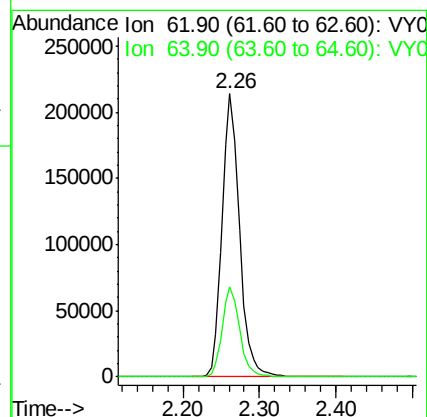
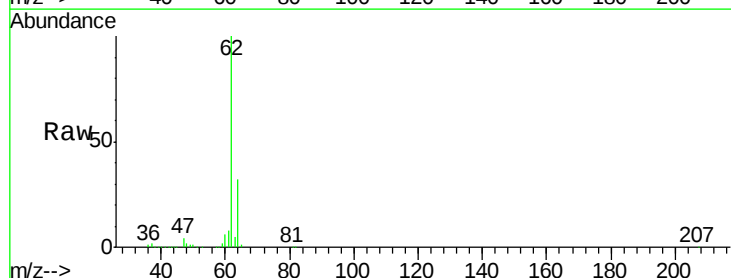
Acq: 04 Feb 2020 14:42

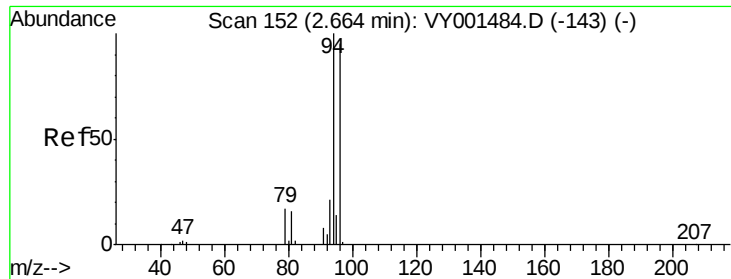
Tgt Ion: 62 Resp: 339861

Ion Ratio Lower Upper

62 100

64 31.7 26.4 39.6





#5

Bromomethane

Concen: 119.307 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 179974

Ion Ratio Lower Upper

94 100

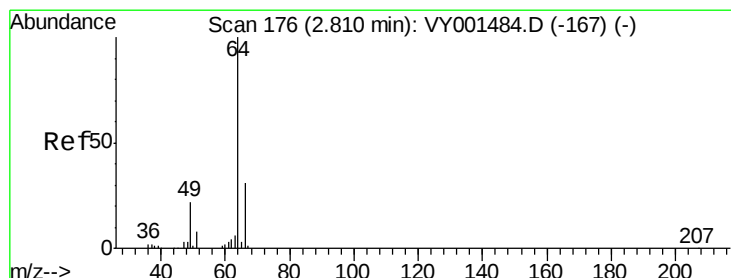
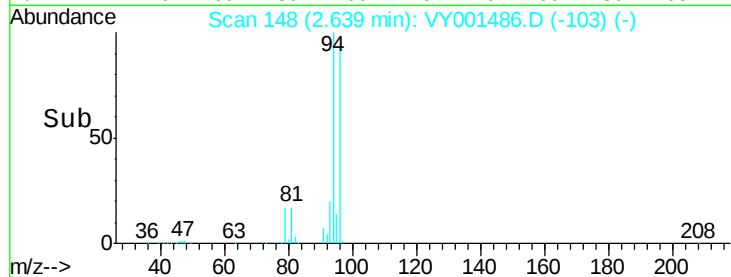
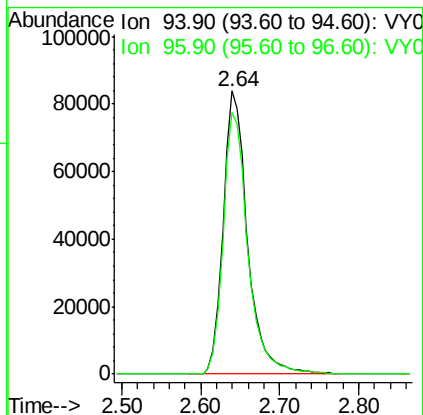
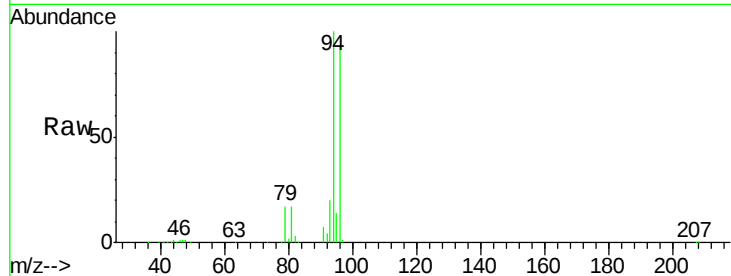
96 92.5 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 138.197 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001486.D

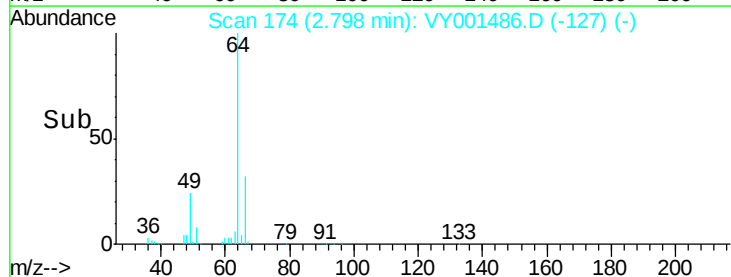
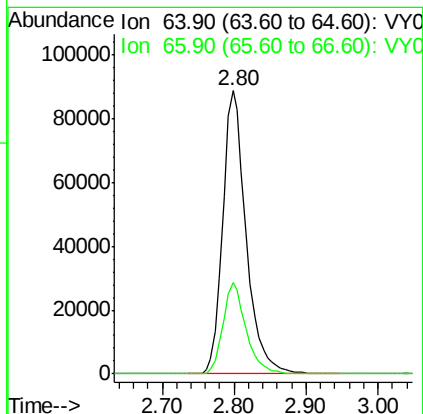
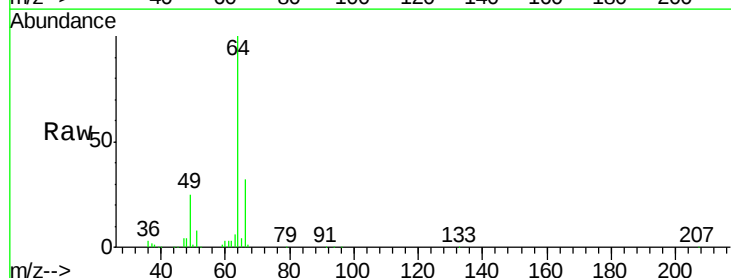
Acq: 04 Feb 2020 14:42

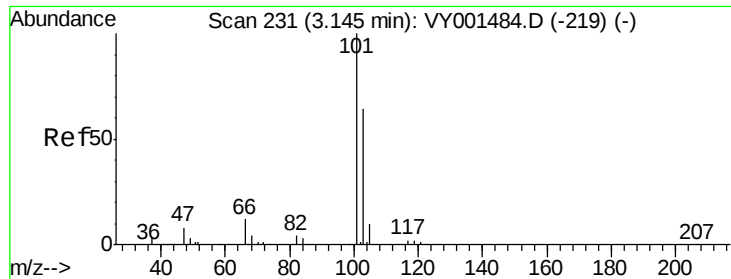
Tgt Ion: 64 Resp: 199808

Ion Ratio Lower Upper

64 100

66 32.4 24.5 36.7





#7

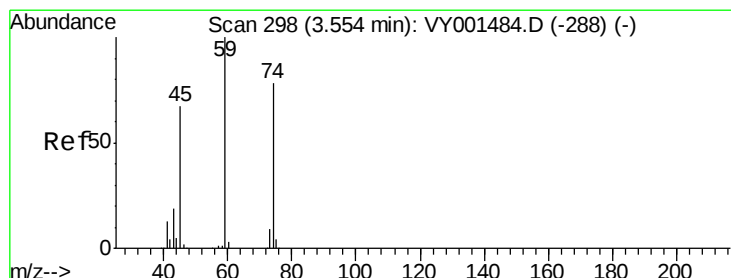
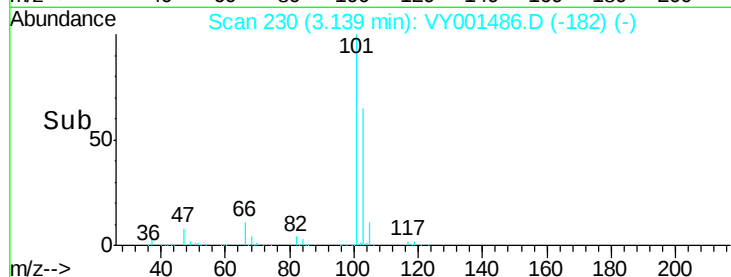
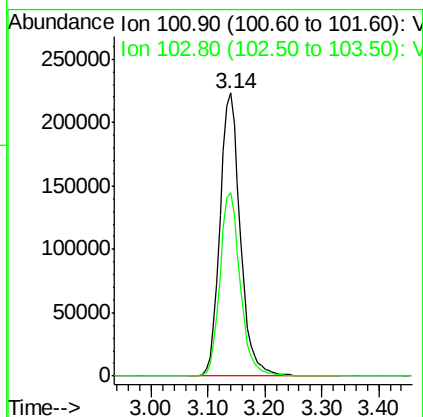
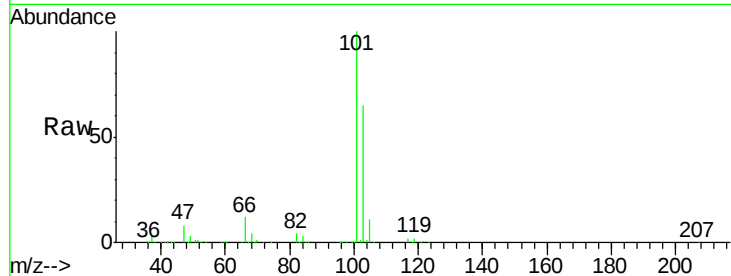
Trichlorofluoromethane
Concen: 139.543 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

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VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		554033		
103	65.1	50.9	76.3		

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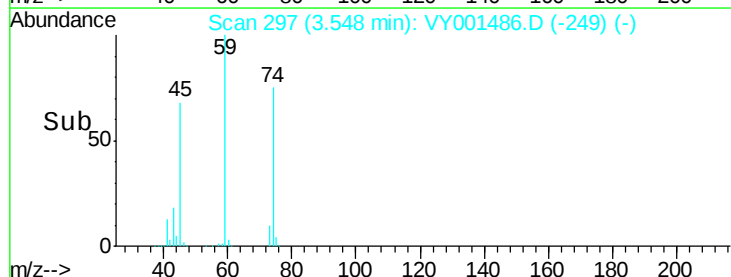
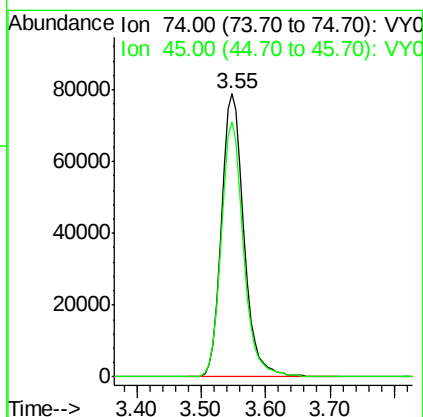
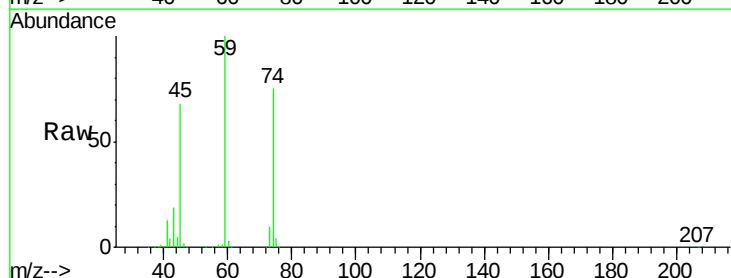
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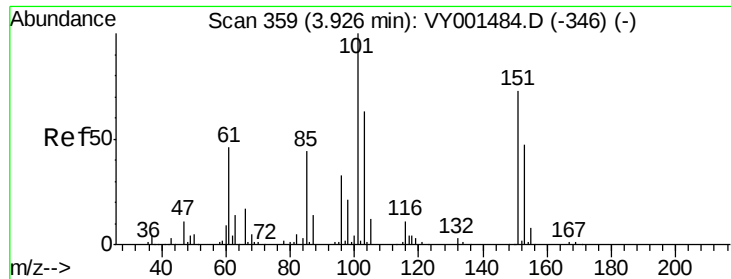


#8

Diethyl Ether
Concen: 145.255 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		194612		
45	89.4	44.5	133.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.770 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

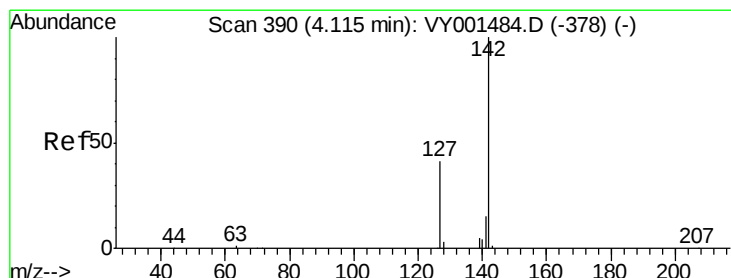
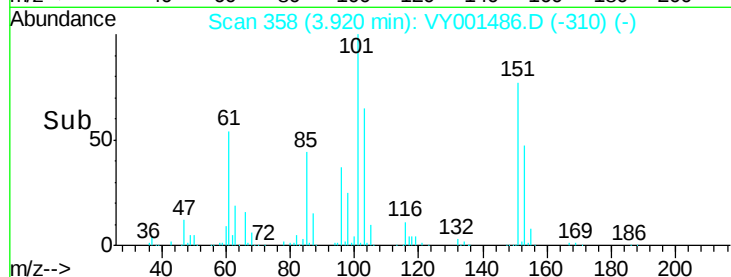
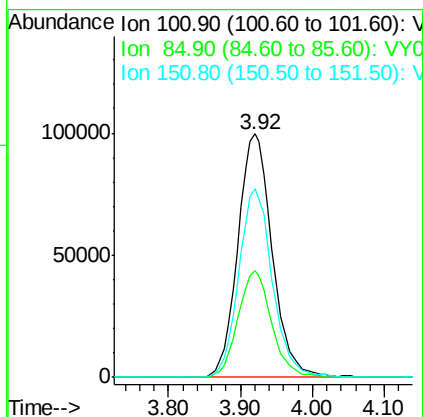
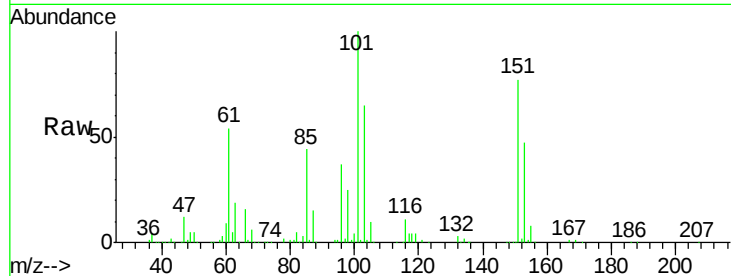
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	329117
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	51.8
151	76.1	60.3	90.5

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#10

Methyl Iodide

Concen: 147.475 ug/l

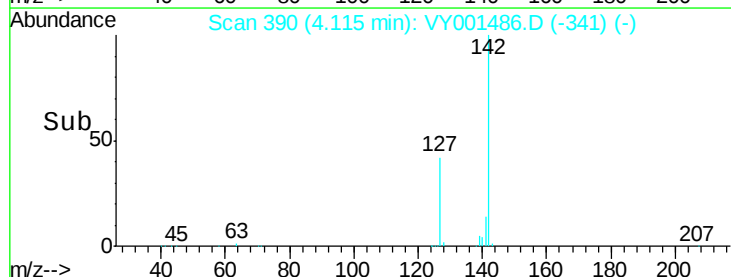
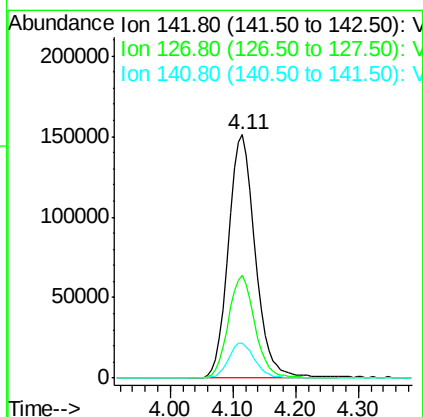
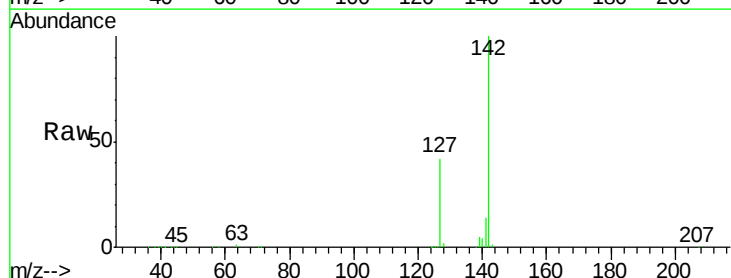
RT: 4.11 min Scan# 390

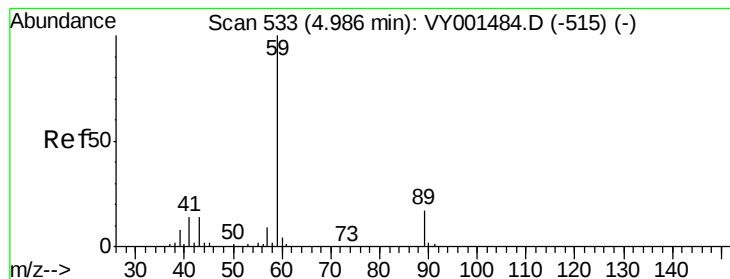
Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:	142	Resp:	448898
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.3	49.9
141	14.3	11.5	17.3





#11

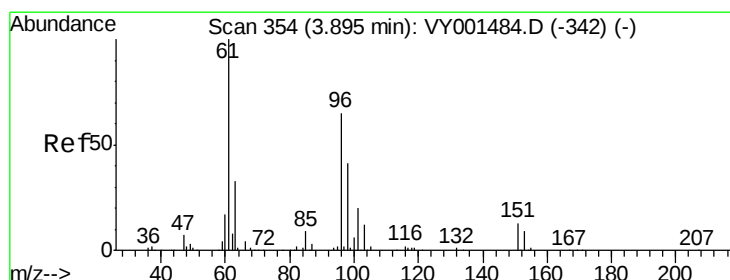
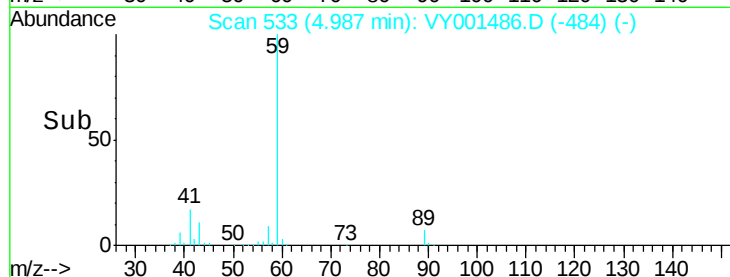
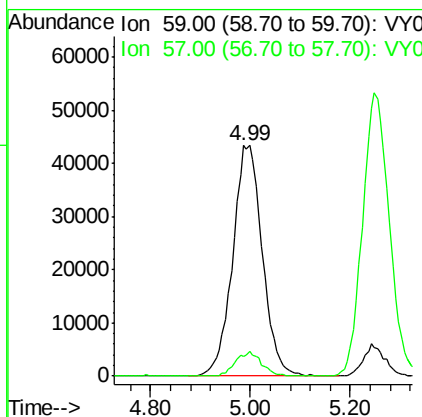
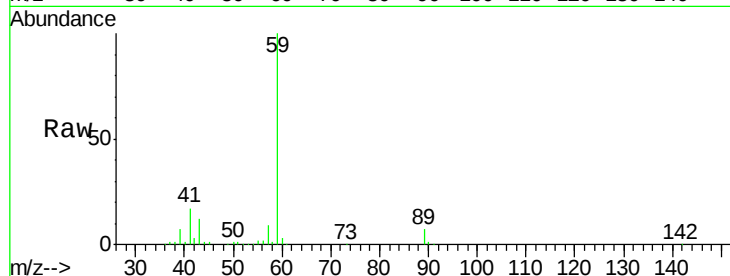
Tert butyl alcohol
 Concen: 513.559 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.0	10.6

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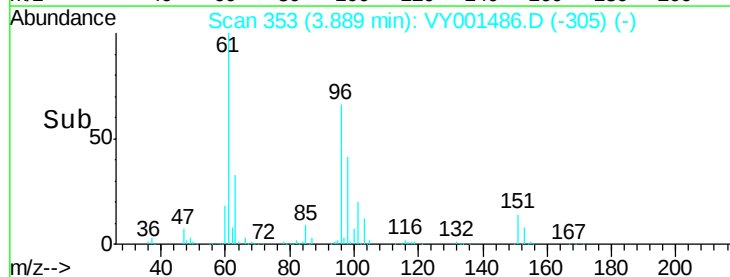
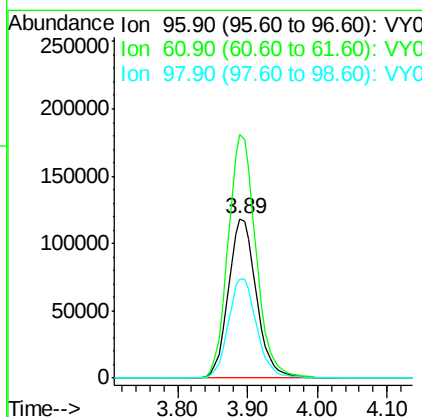
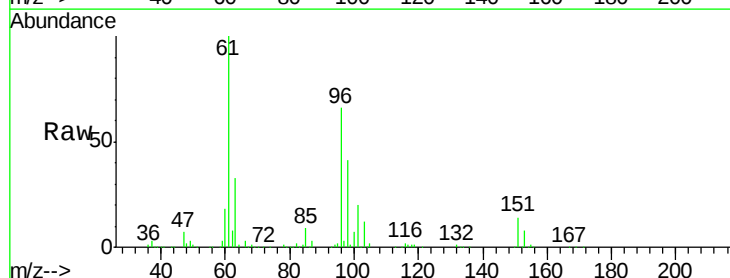
MMDadoda
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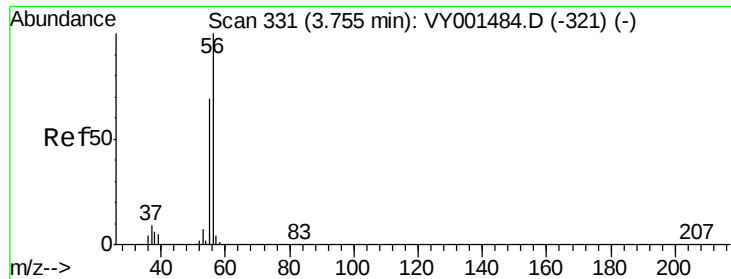


#12

1,1-Dichloroethene
 Concen: 138.662 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.5	122.3	183.5
98	62.3	49.7	74.5





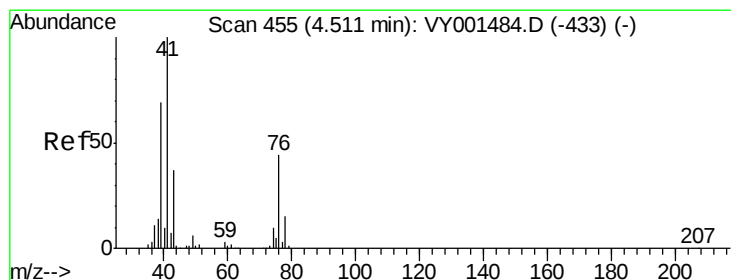
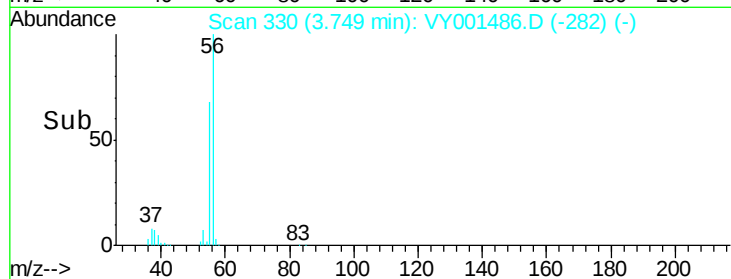
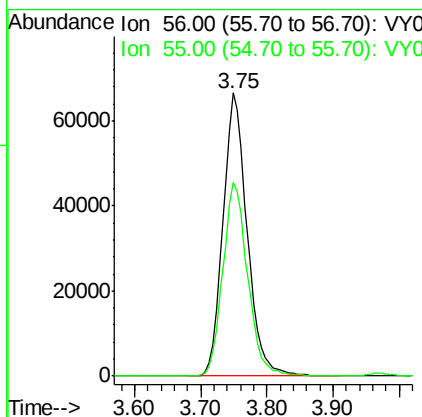
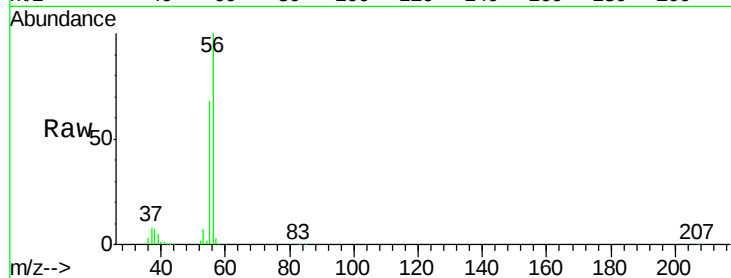
#13
Acrolein
Concen: 781.551 ug/l
RT: 3.75 min Scan# 330
Delta R.T. -0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.2	84.4

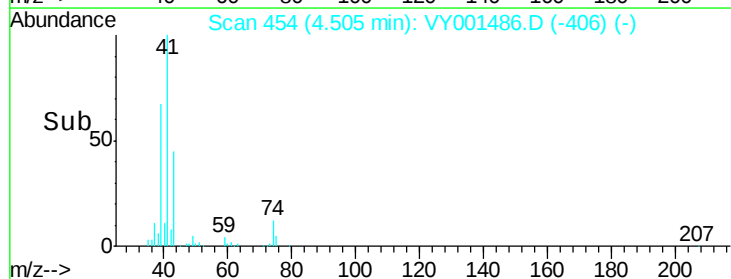
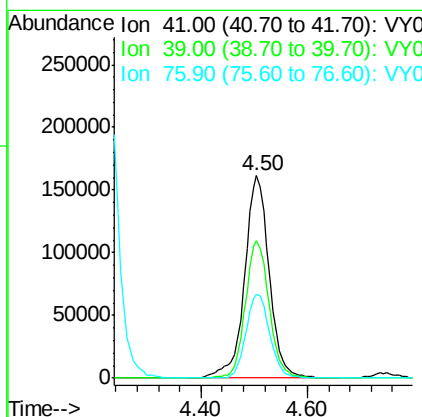
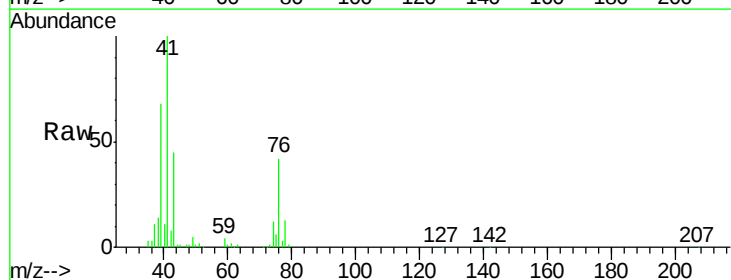
Manual Integrations
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#14
Allyl chloride
Concen: 141.313 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.8	53.0	79.6
76	40.0	32.6	48.8





#15

Acrylonitrile

Concen: 767.294 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

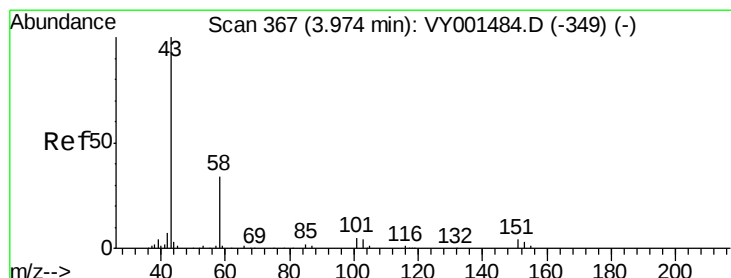
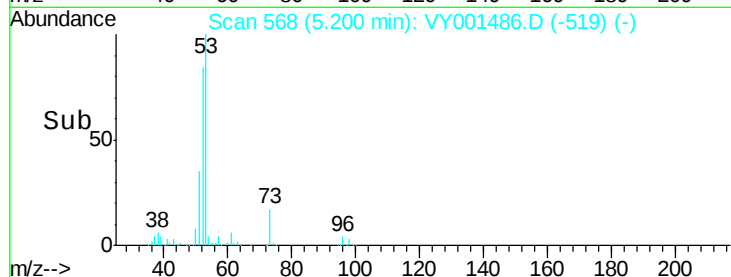
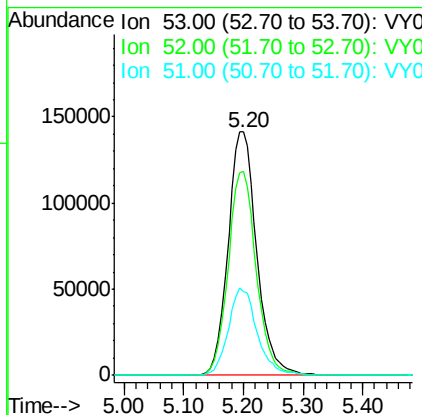
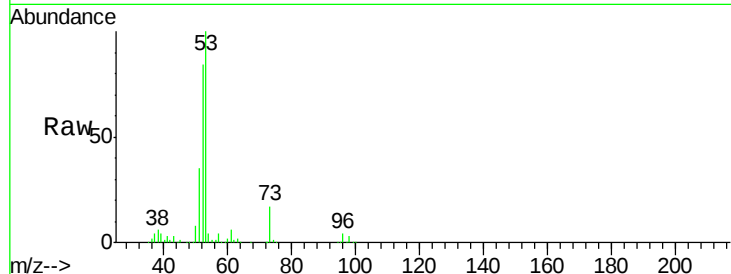
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	471281
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.4	98.2
51	36.3	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 847.578 ug/l

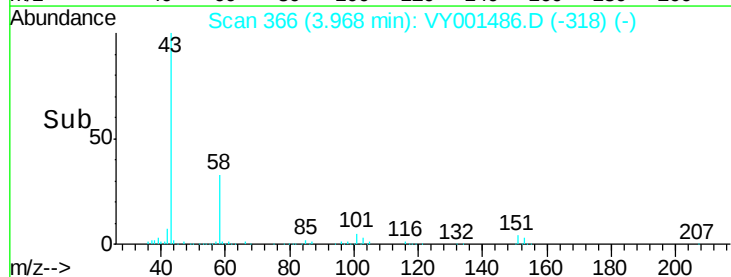
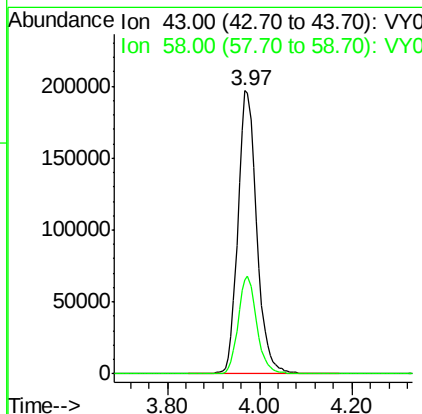
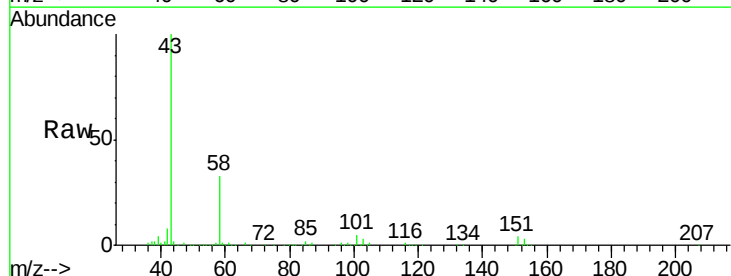
RT: 3.97 min Scan# 366

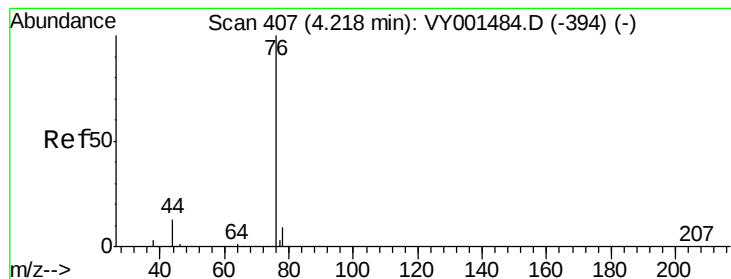
Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:	43	Resp:	557367
Ion Ratio	Lower	Upper	
43	100		
58	33.1	27.5	41.3





#17

Carbon Disulfide

Concen: 140.108 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1058816

Ion Ratio Lower Upper

76 100

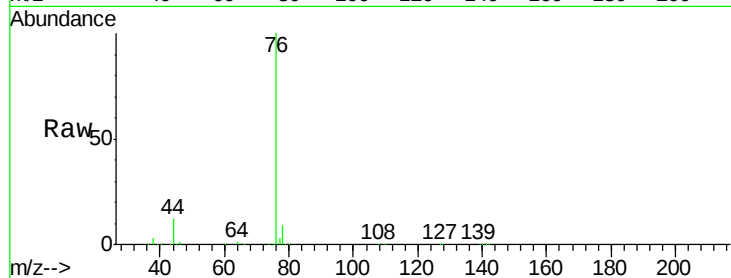
78 9.0 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

400000

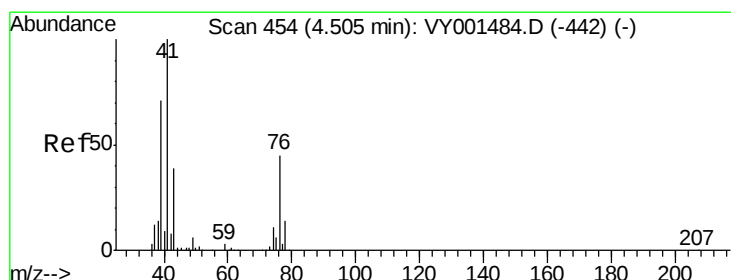
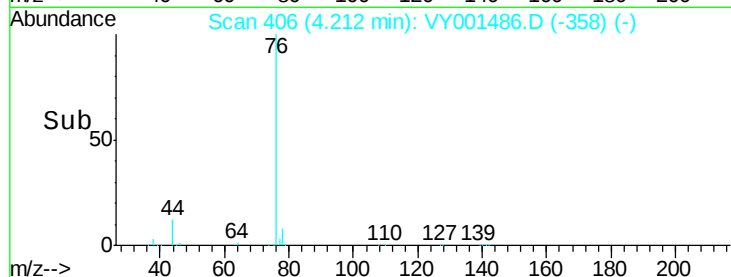
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 155.030 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.00 min

Lab File: VY001486.D

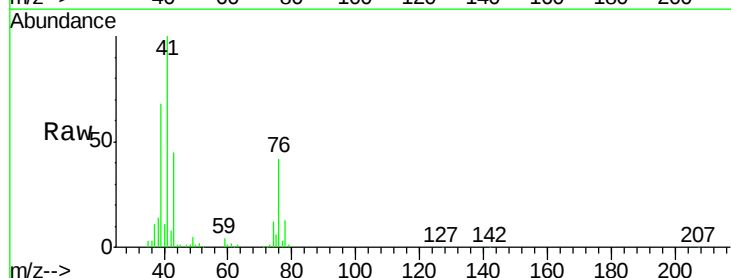
Acq: 04 Feb 2020 14:42

Tgt Ion: 43 Resp: 217554

Ion Ratio Lower Upper

43 100

74 26.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

80000

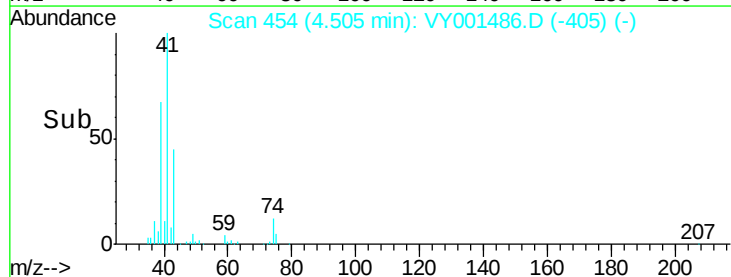
60000

40000

20000

0

Time-->





#19

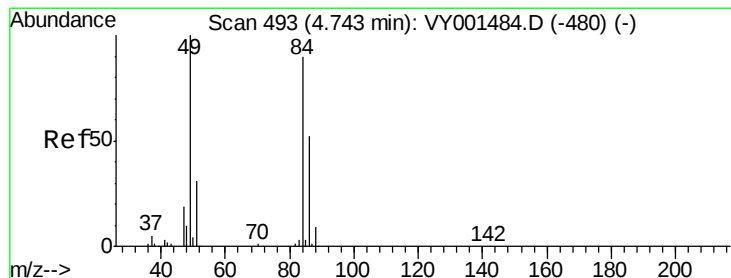
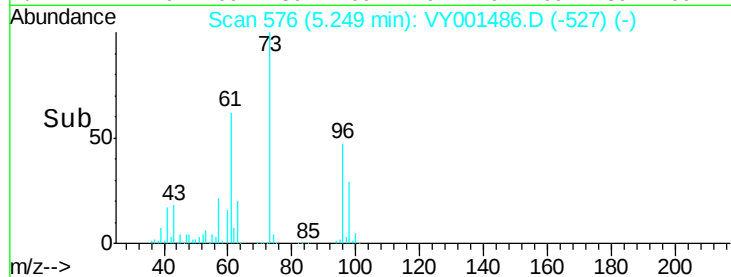
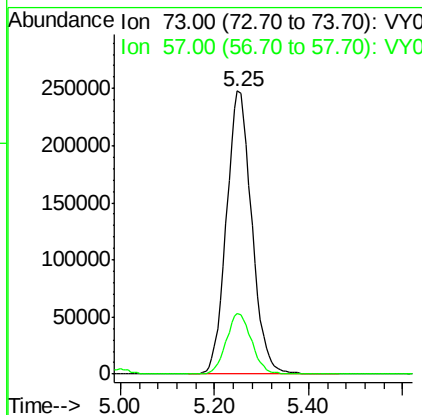
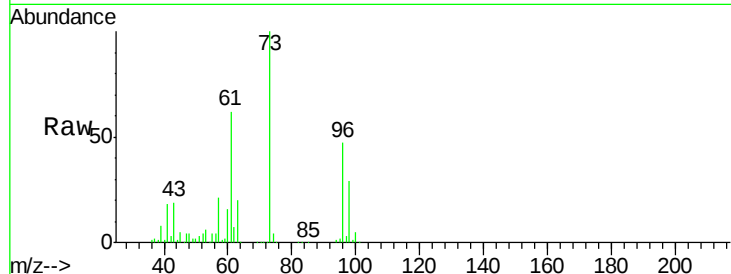
Methyl tert-butyl Ether
 Concen: 146.102 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6

Manual Integrations
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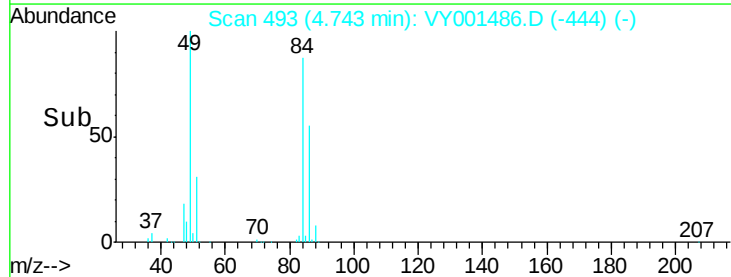
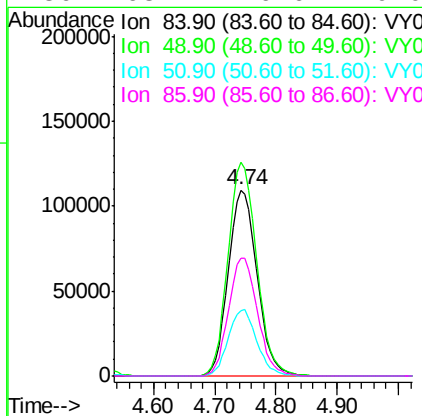
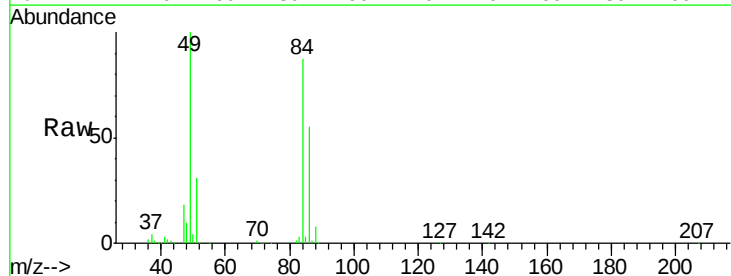
MMDadoda
 2/5/2020 12:23:49 PM

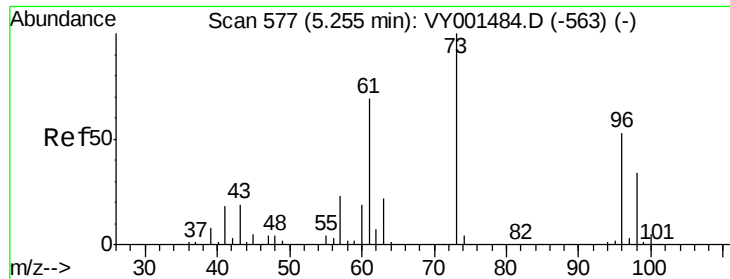


#20

Methylene Chloride
 Concen: 119.870 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.1	89.0	133.6
51	35.1	27.4	41.2
86	63.7	46.6	70.0





#21

trans-1,2-Dichloroethene

Concen: 139.016 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

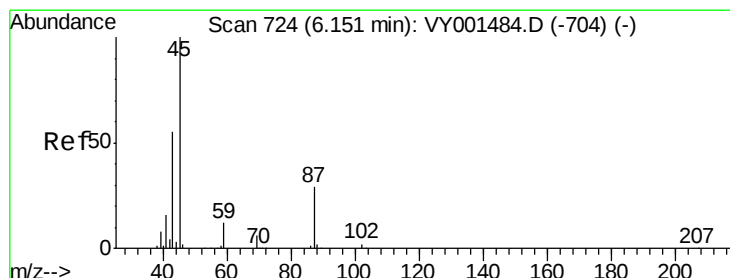
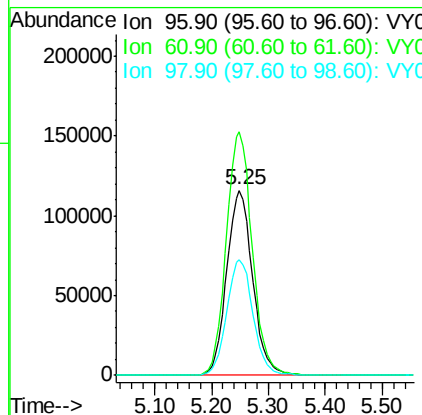
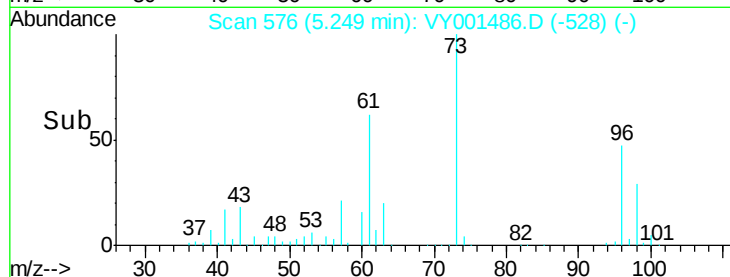
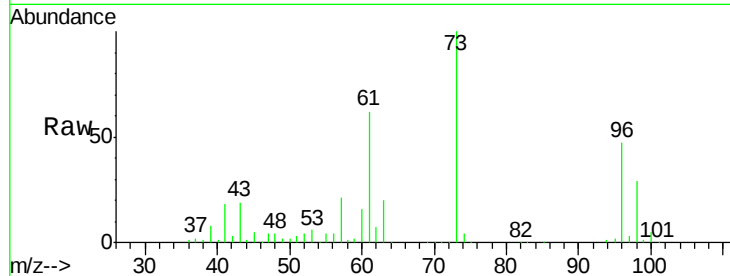
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	366865
Ion	Ratio	Lower	Upper
96	100		
61	131.3	104.2	156.4
98	62.5	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 142.653 ug/l

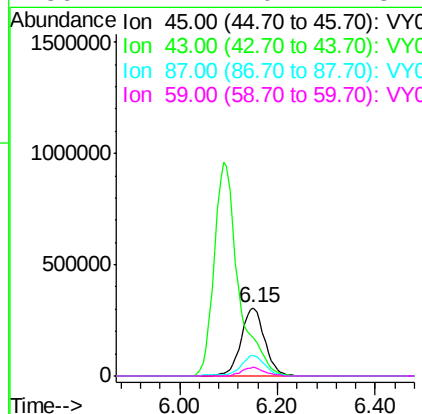
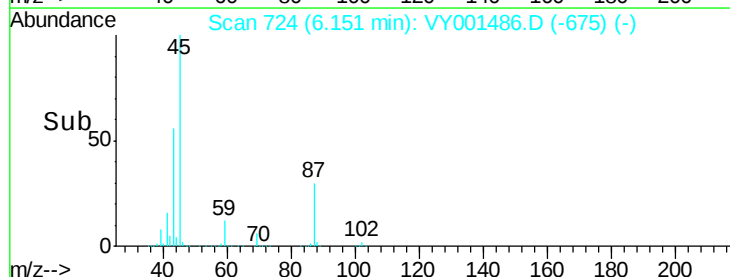
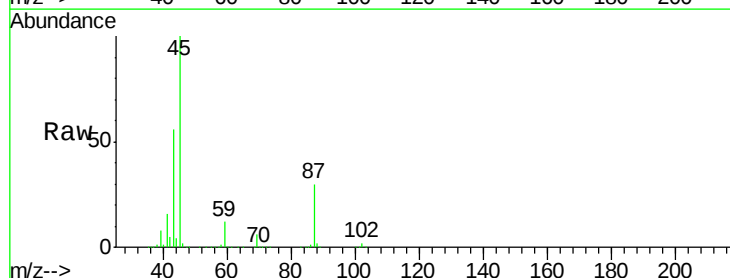
RT: 6.15 min Scan# 724

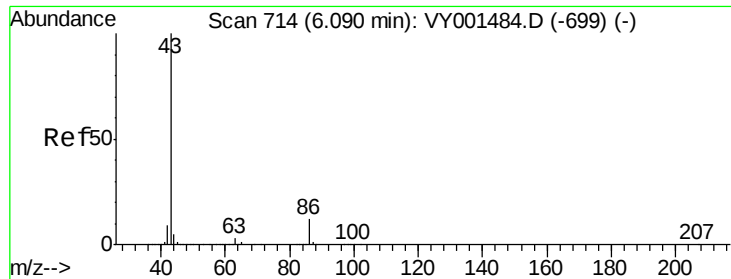
Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:	45	Resp:	1026352
Ion	Ratio	Lower	Upper
45	100		
43	55.8	44.2	66.4
87	30.0	23.9	35.9
59	12.4	10.2	15.2





#23

Vinyl Acetate

Concen: 720.429 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3299659

Ion Ratio Lower Upper

43 100

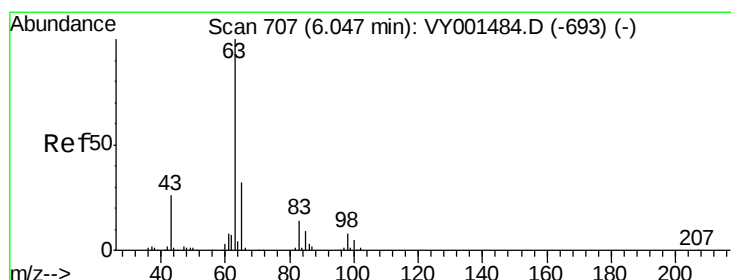
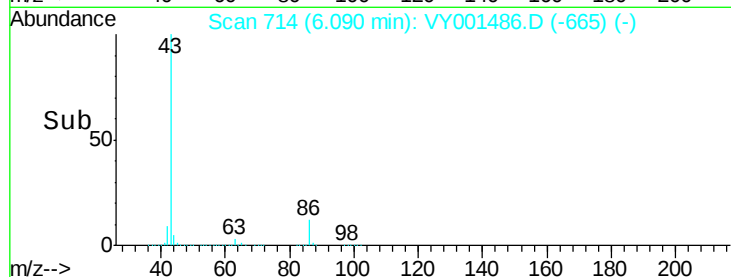
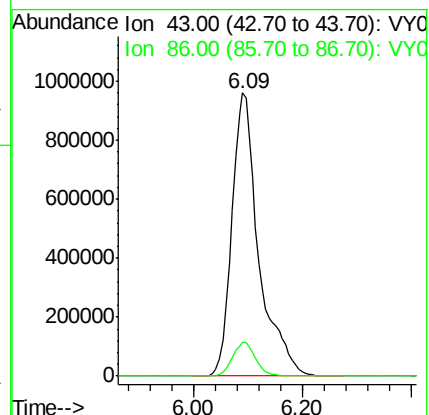
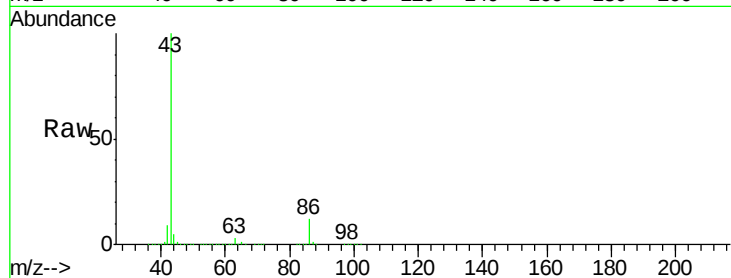
86 11.9 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 140.322 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

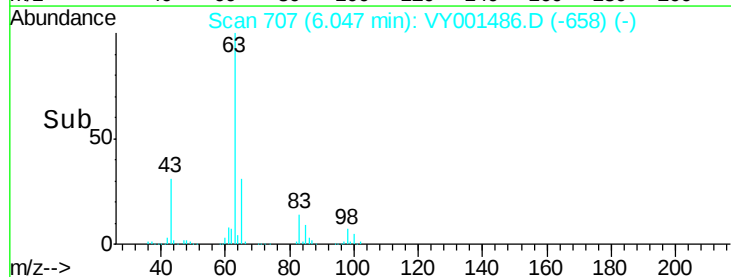
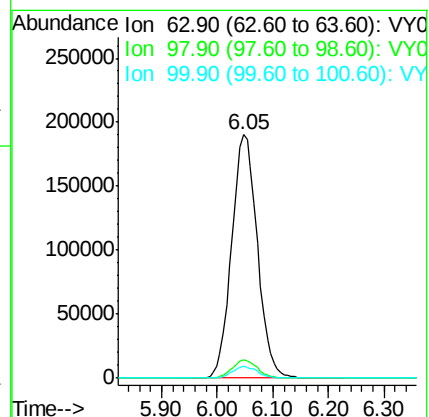
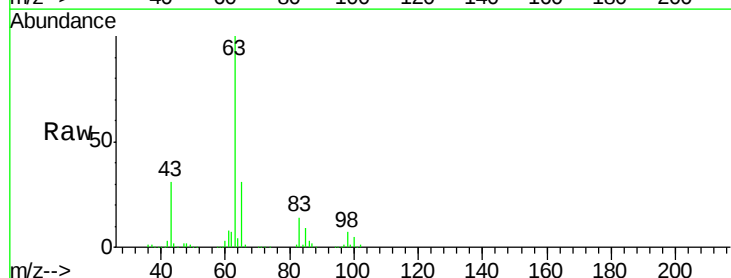
Tgt Ion: 63 Resp: 607259

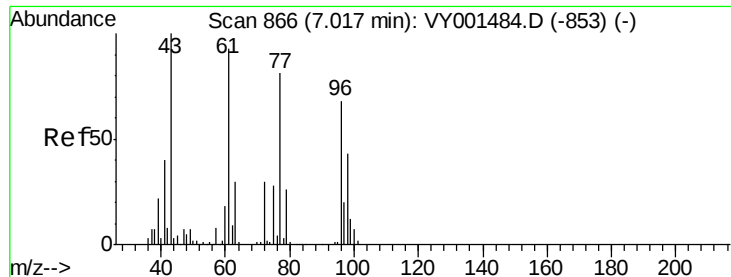
Ion Ratio Lower Upper

63 100

98 7.3 4.0 11.9

100 4.9 2.6 8.0





#25

2-Butanone

Concen: 800.690 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 683095

Ion Ratio Lower Upper

43 100

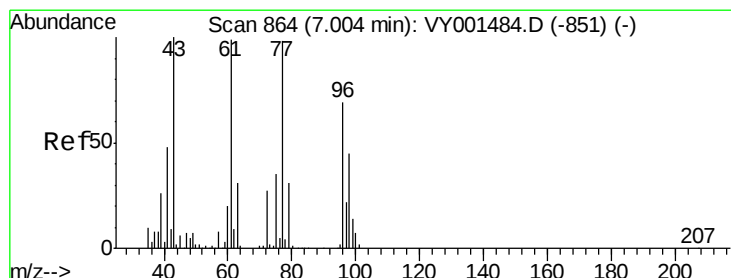
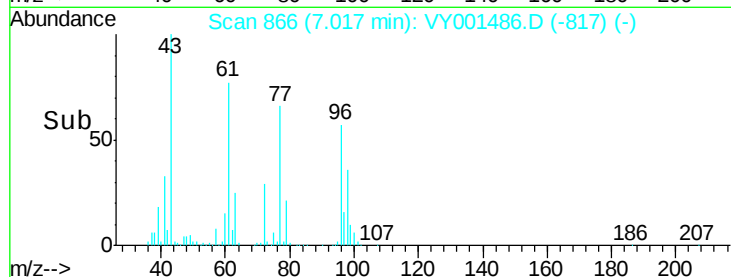
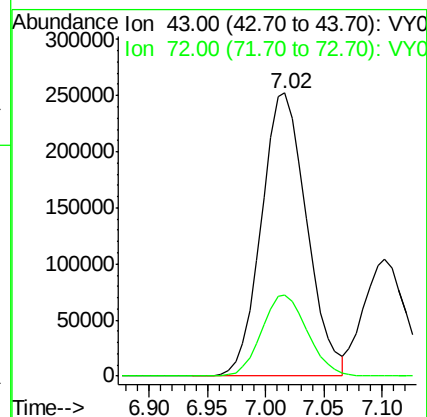
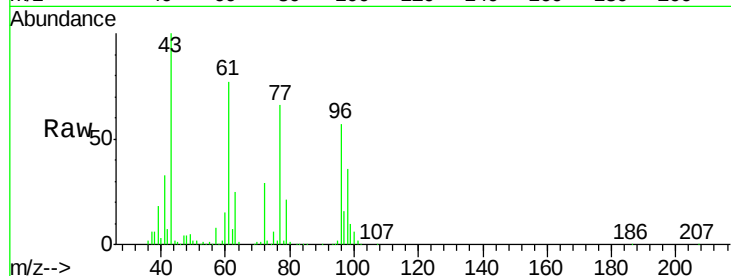
72 28.7 23.8 35.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 132.044 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001486.D

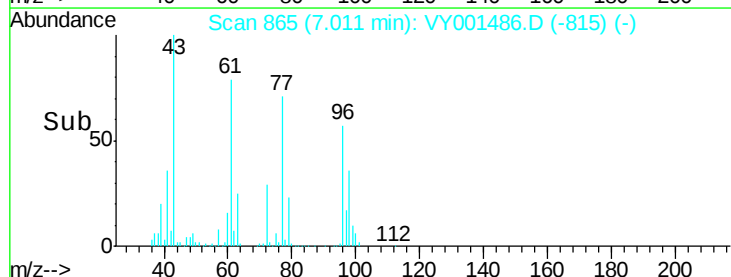
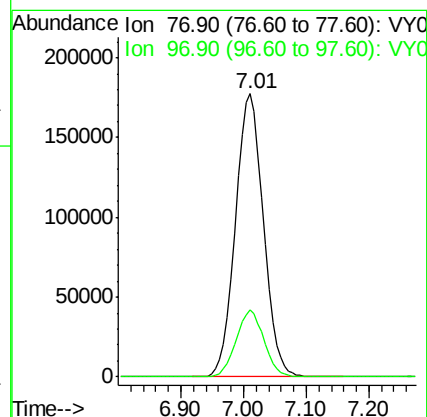
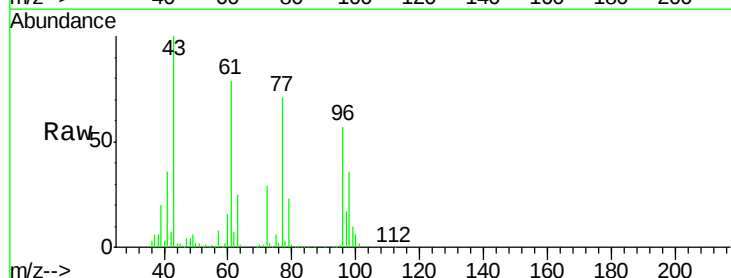
Acq: 04 Feb 2020 14:42

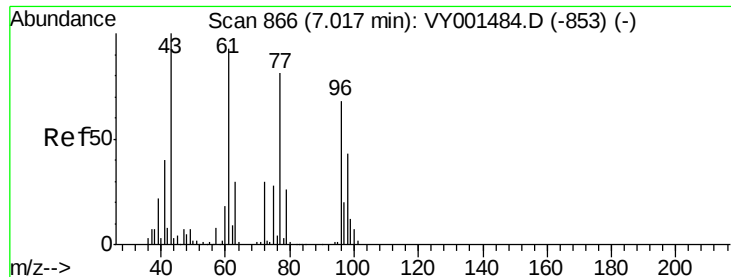
Tgt Ion: 77 Resp: 546898

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

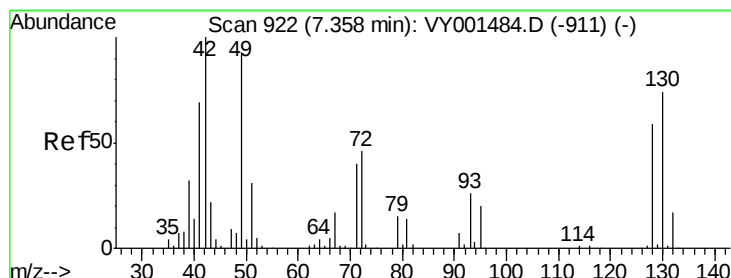
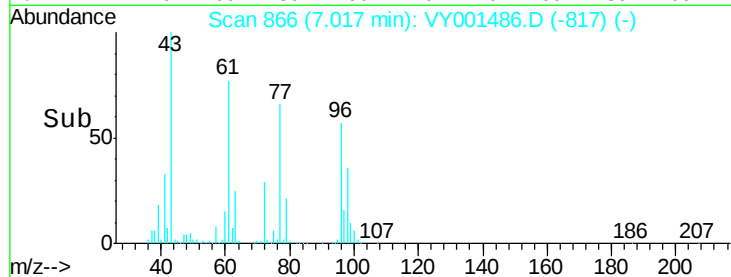
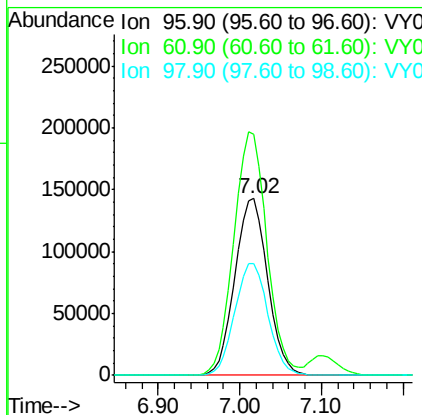
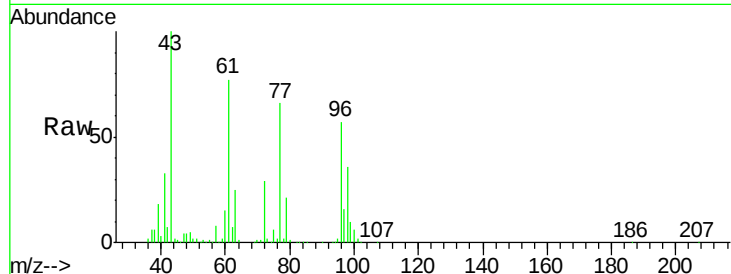
cis-1,2-Dichloroethene
Concen: 137.976 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	278.8
98	64.4	0.0	128.8

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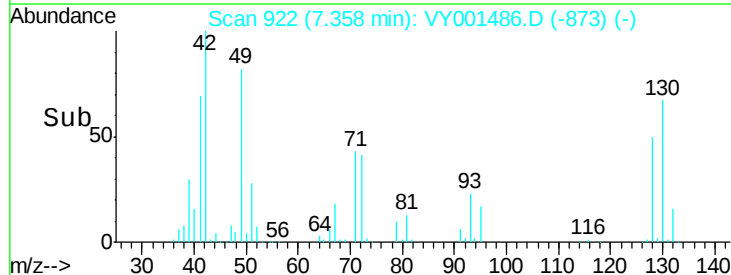
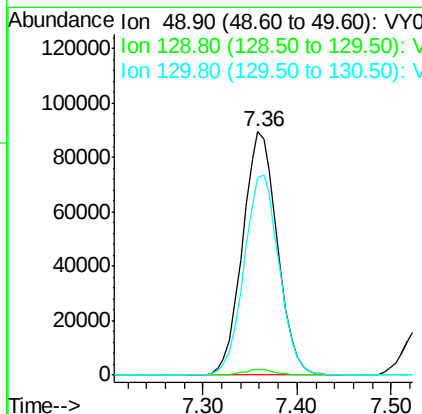
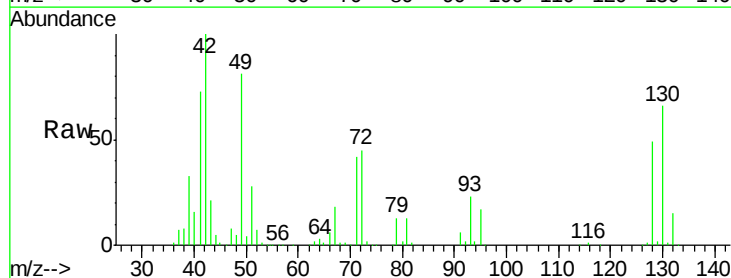
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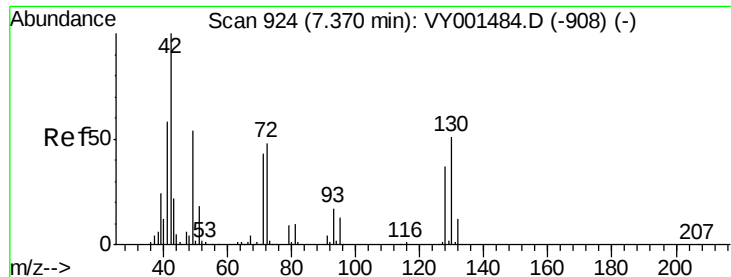


#28

Bromochloromethane
Concen: 156.633 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	82.9	65.4	98.2





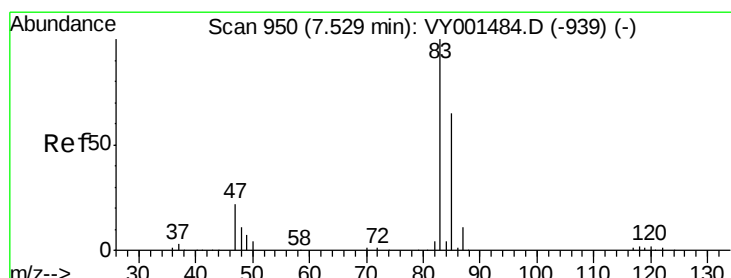
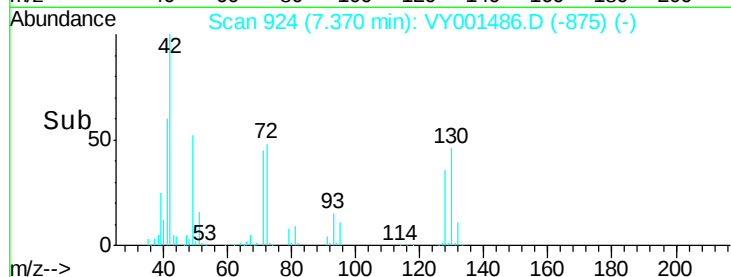
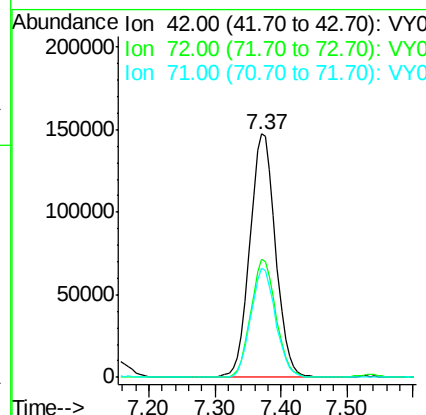
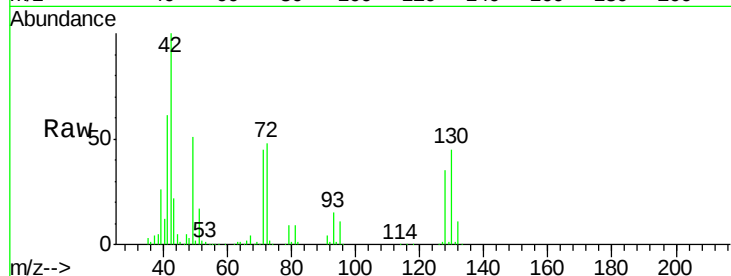
#29
Tetrahydrofuran
Concen: 779.856 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:	42	Resp:	398773
Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.8	56.6
71	43.7	34.8	52.2

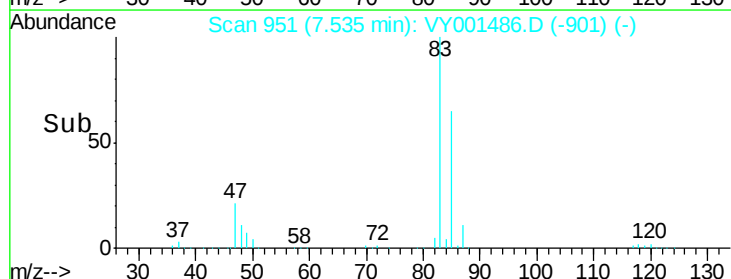
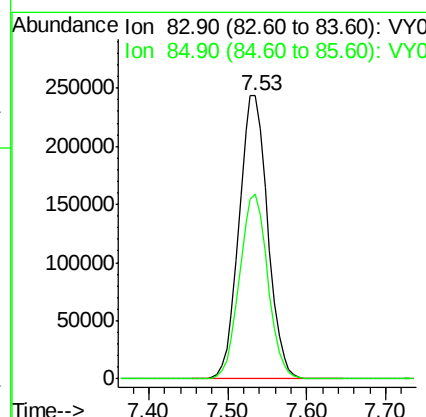
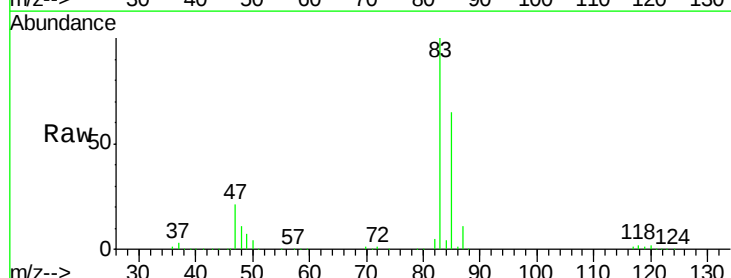
Manual Integrations
APPROVED

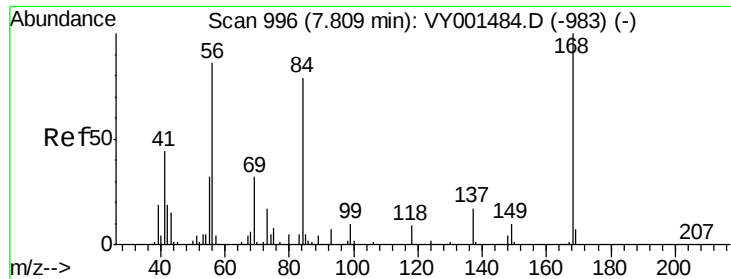
MMDadoda
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#30
Chloroform
Concen: 140.441 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:	83	Resp:	615635
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





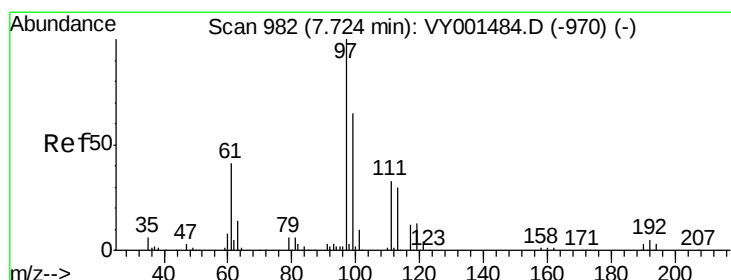
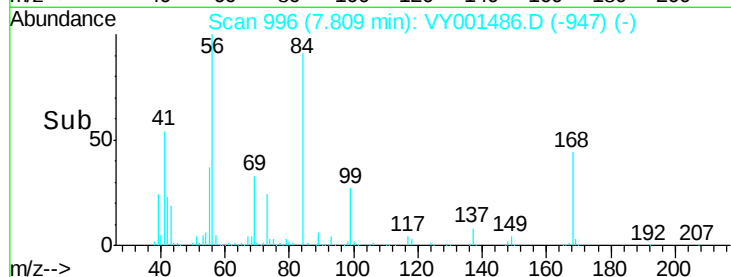
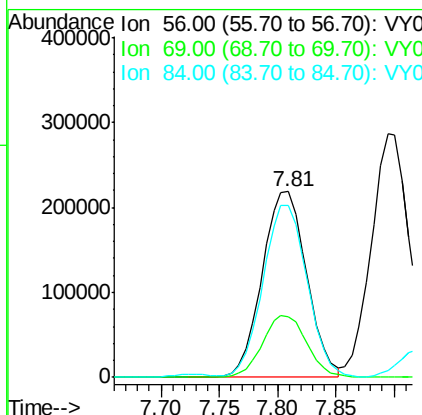
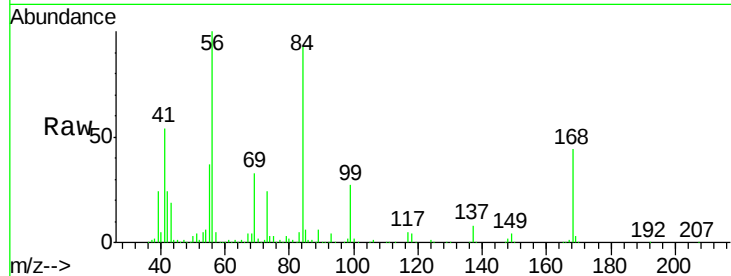
#31
Cyclohexane
Concen: 130.194 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
56	100	576342		
69	32.6		29.6	44.4
84	91.0		73.6	110.4

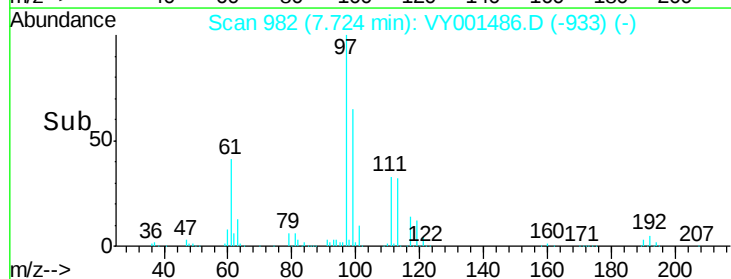
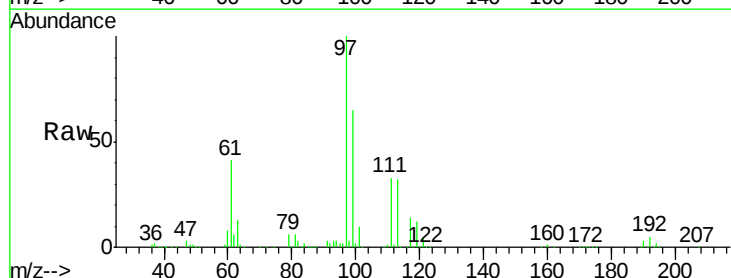
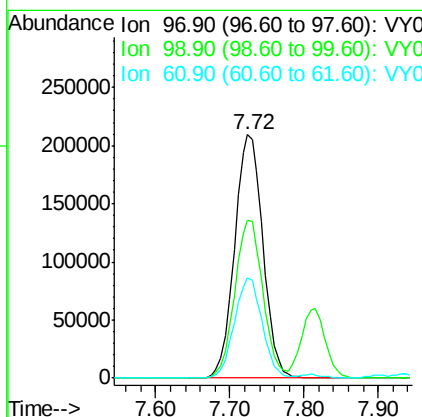
Manual Integrations
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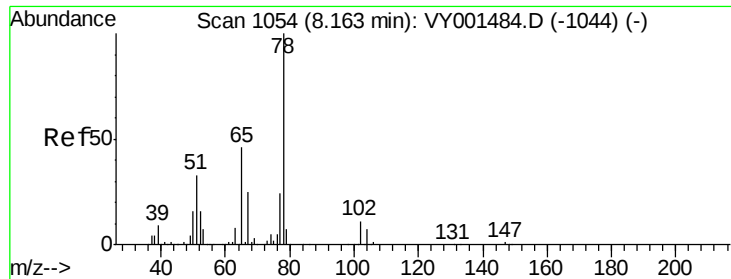
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#32
1,1,1-Trichloroethane
Concen: 139.782 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	555548		
99	64.8		51.8	77.8
61	40.7		32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 153.929 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 349939

Ion Ratio Lower Upper

65 100

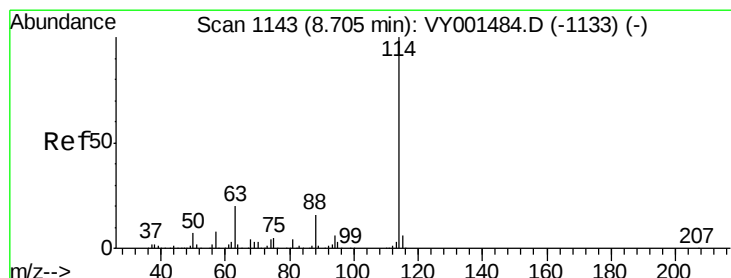
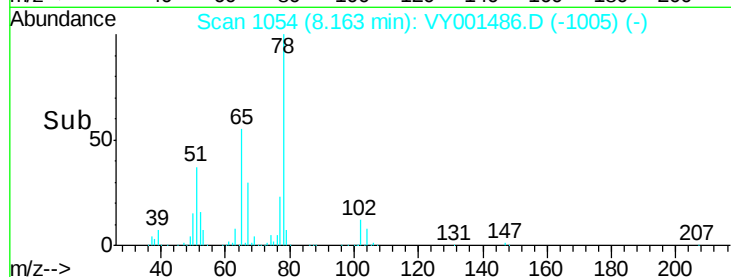
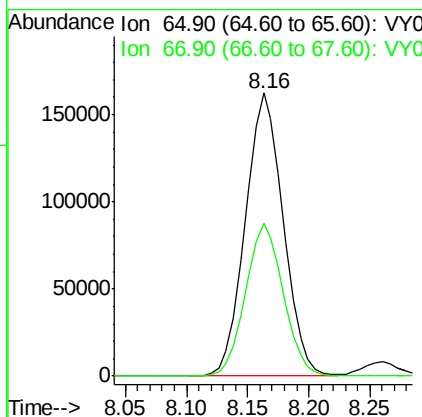
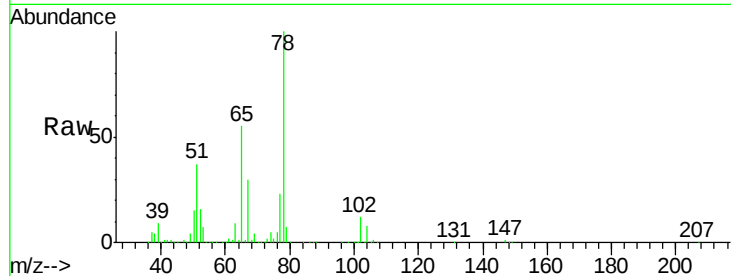
67 53.5 0.0 108.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

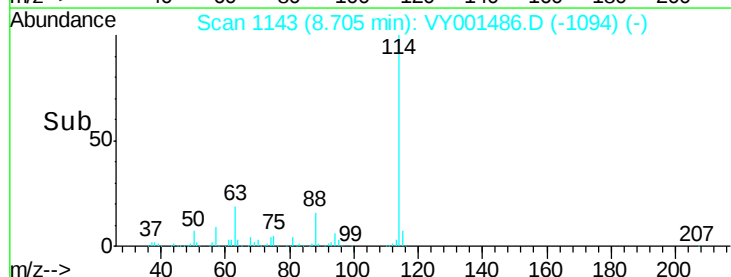
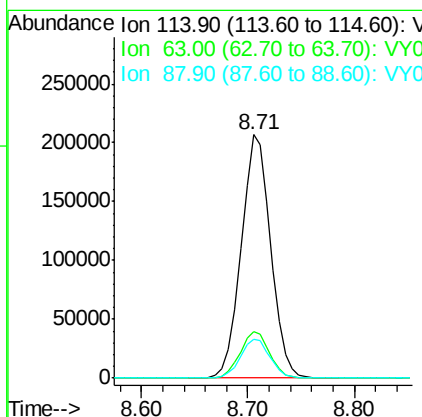
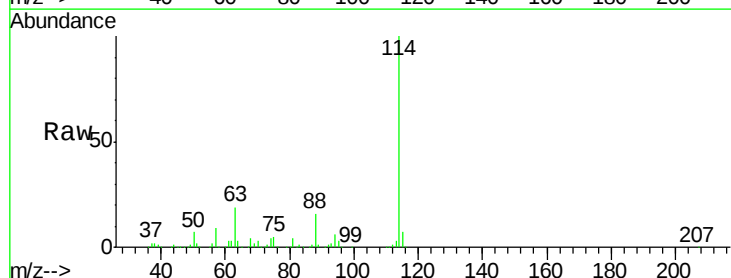
Tgt Ion: 114 Resp: 400183

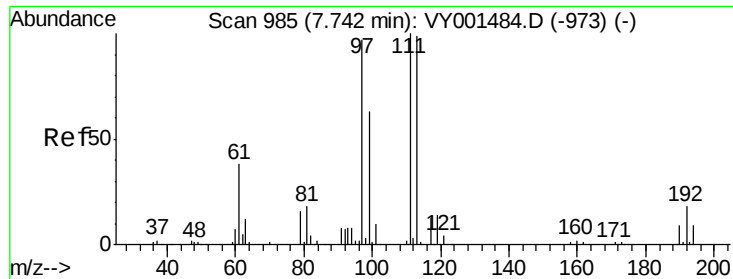
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

88 16.2 0.0 32.6





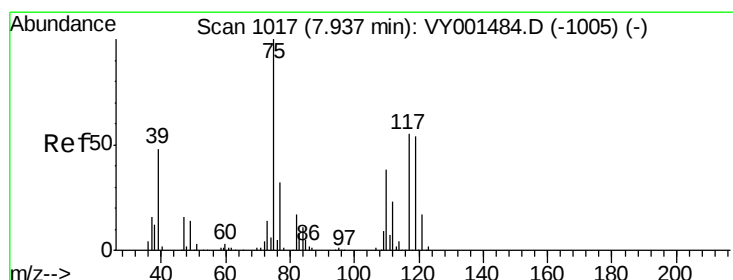
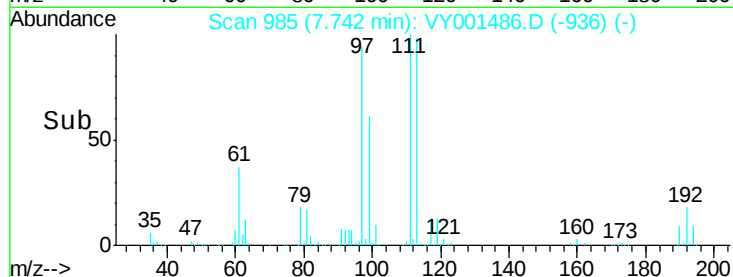
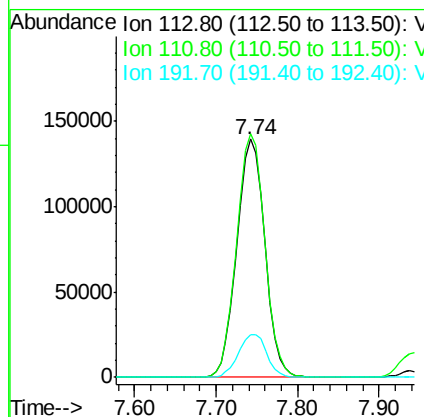
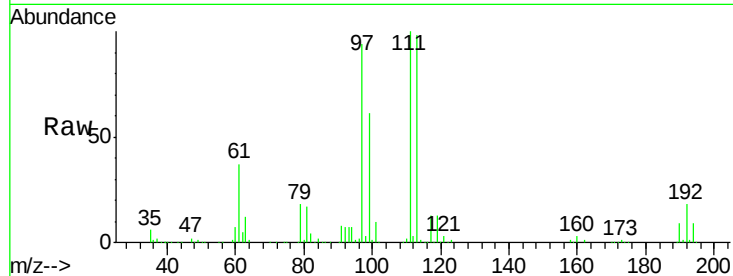
#35
 Dibromofluoromethane
 Concen: 143.722 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.7	82.9	124.3	
192	18.4	14.6	22.0	

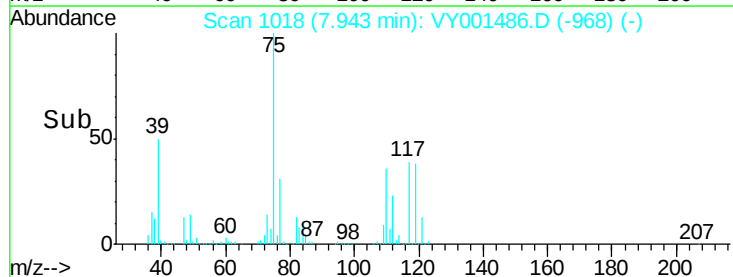
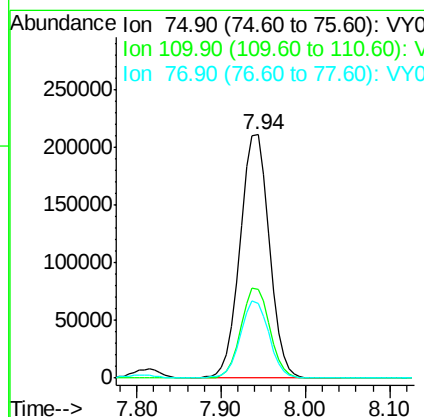
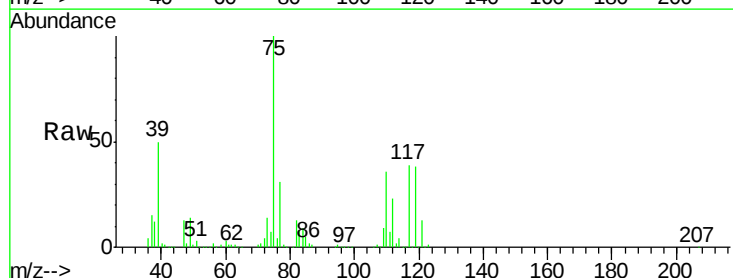
Manual Integrations
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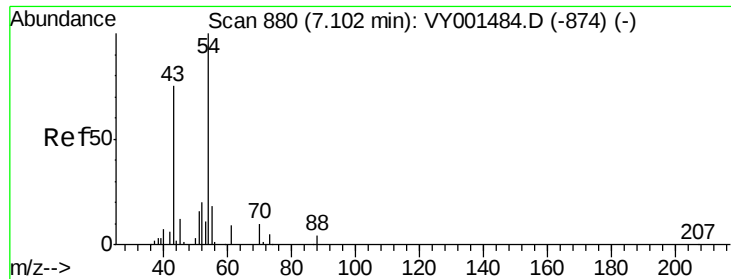
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#36
 1,1-Dichloropropene
 Concen: 135.327 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.3	18.2	54.6	
77	31.0	25.0	37.4	





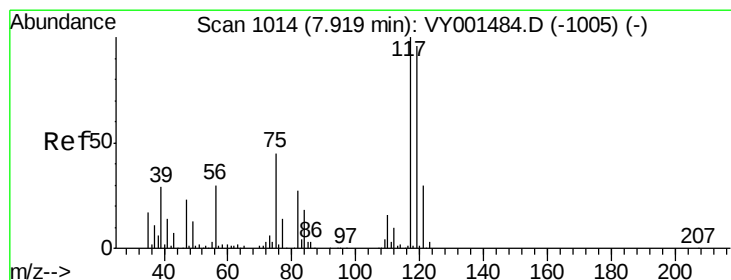
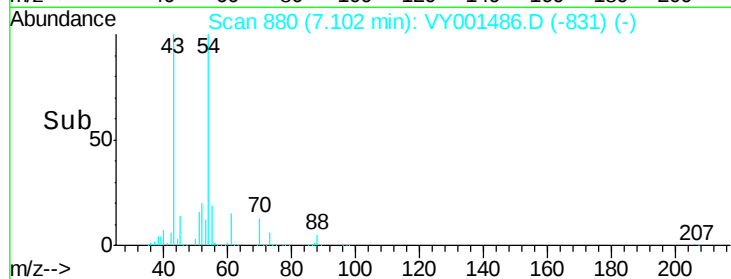
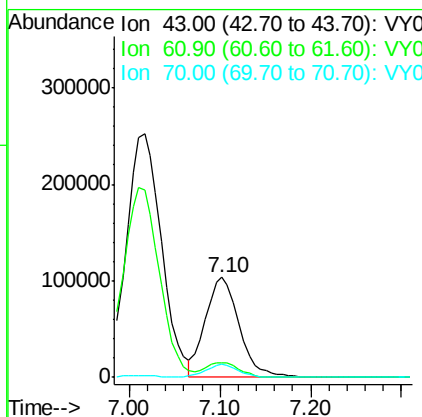
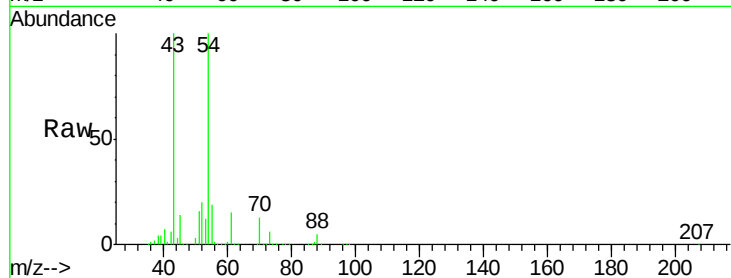
#37
Ethyl Acetate
Concen: 152.249 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.0	18.0
70	12.5	10.2	15.4

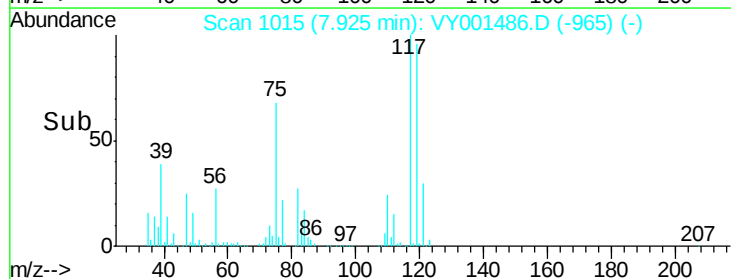
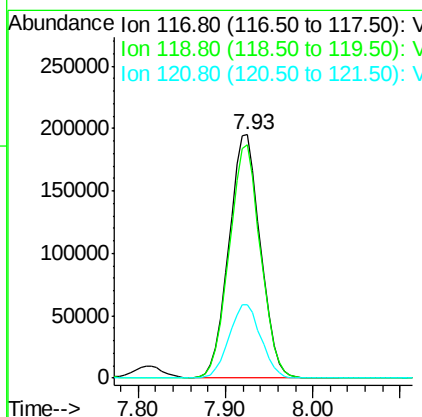
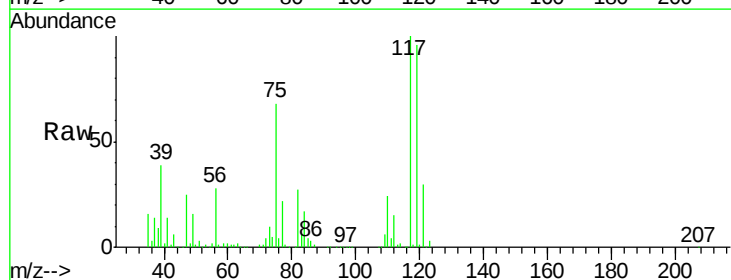
Manual Integrations
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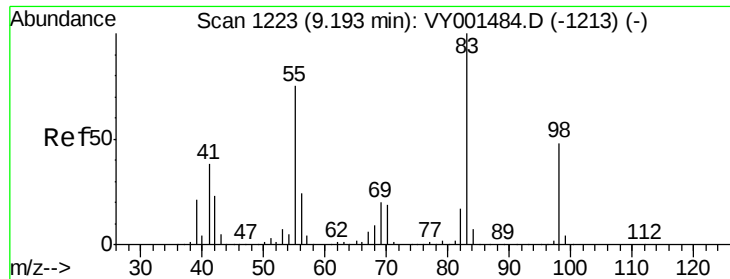
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#38
Carbon Tetrachloride
Concen: 137.837 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.4	114.6
121	30.2	24.2	36.4





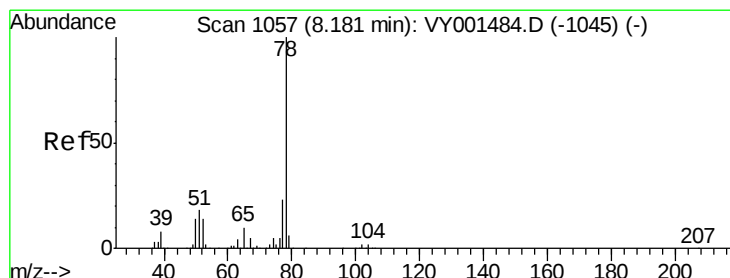
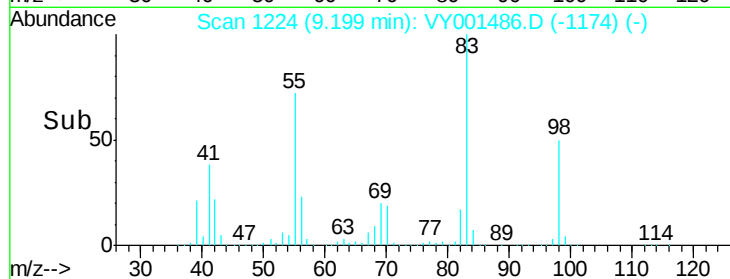
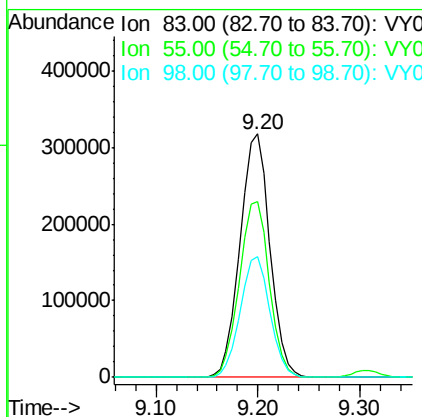
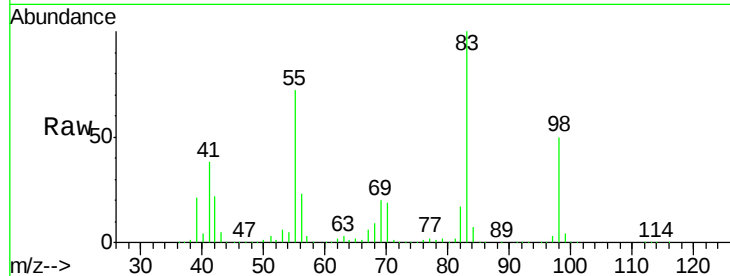
#39
Methvlcvclohexane
Concen: 134.152 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.2	59.8	89.6	
98	49.5	38.6	57.8	

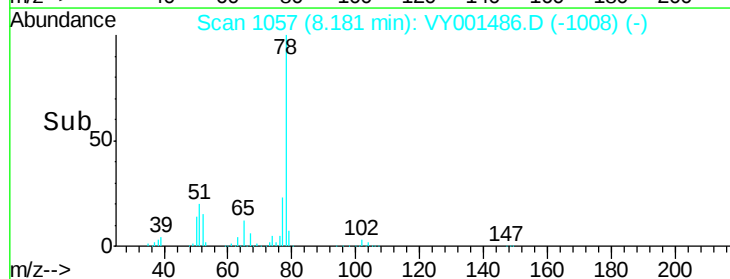
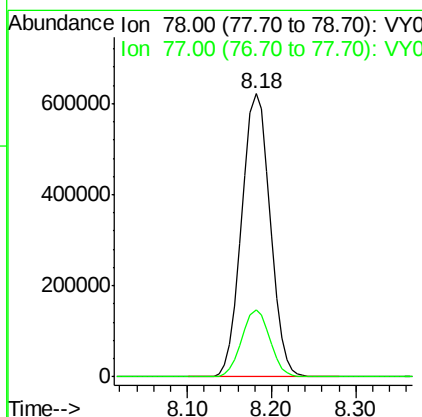
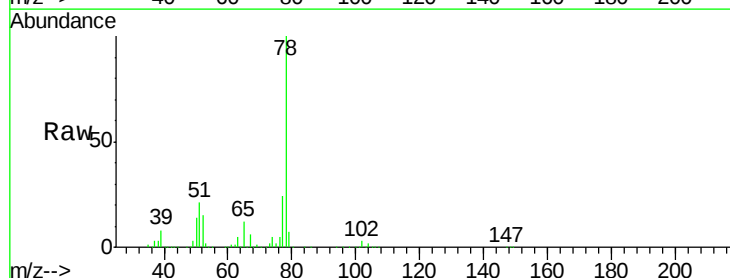
Manual Integrations
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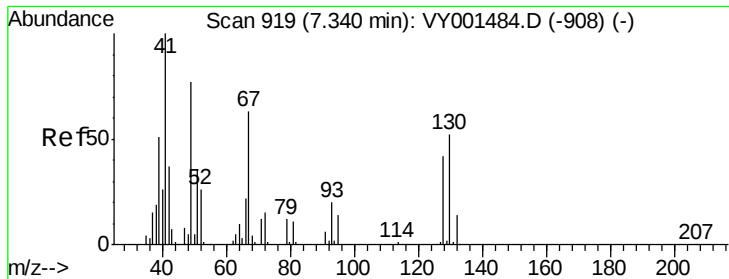
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#40
Benzene
Concen: 135.462 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	18.5	27.7	





#41

Methacrylonitrile

Concen: 96.210 ug/l

RT: 7.34 min Scan# 919

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 112136
Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

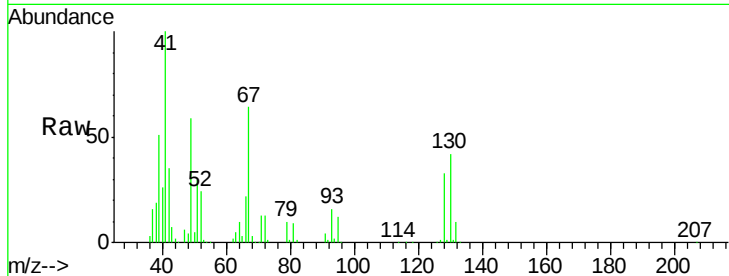
67 0.0 0.0 0.0

52 0.0 0.0 0.0

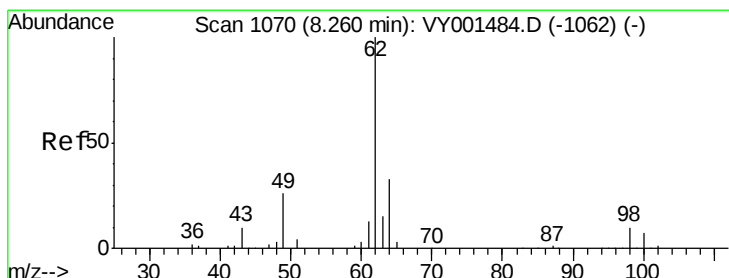
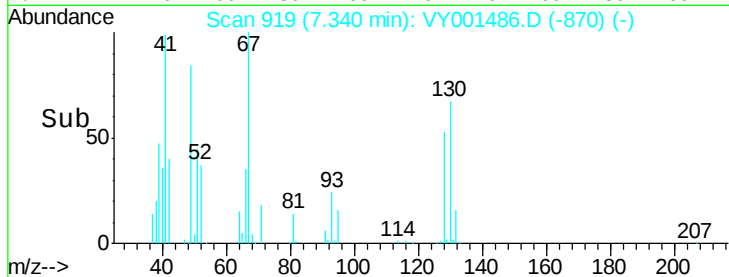
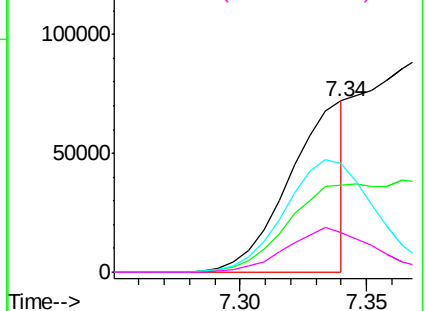
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 139.764 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

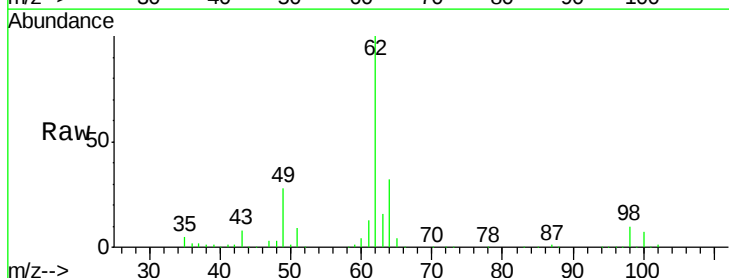
Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

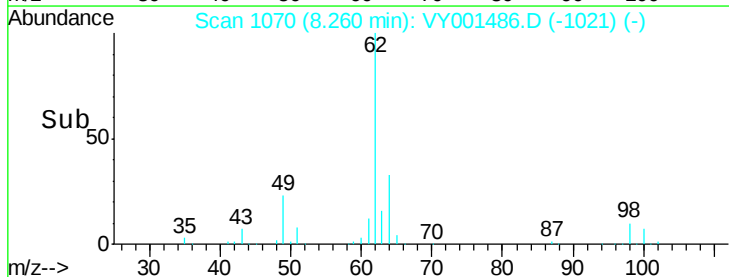
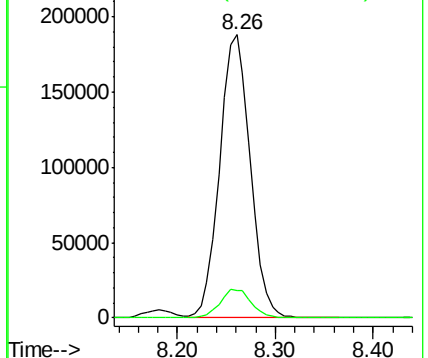
Tgt Ion: 62 Resp: 406594
Ion Ratio Lower Upper

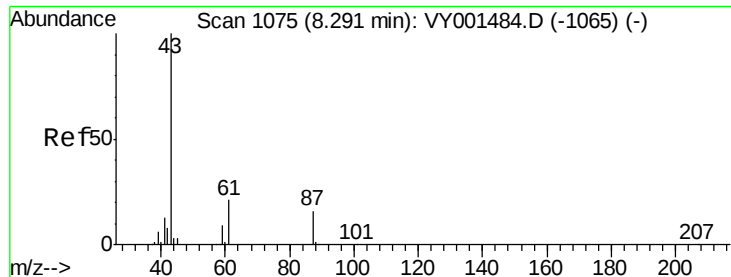
62 100

98 10.3 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

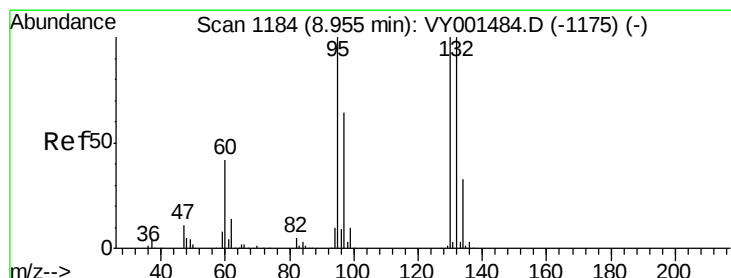
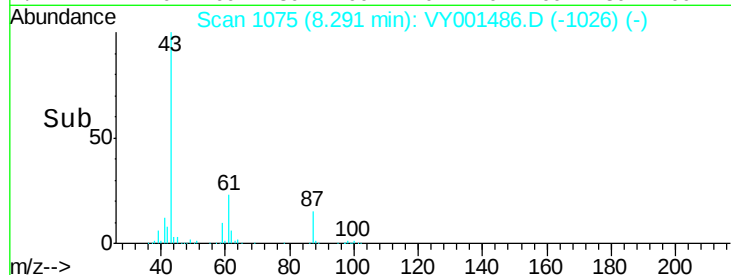
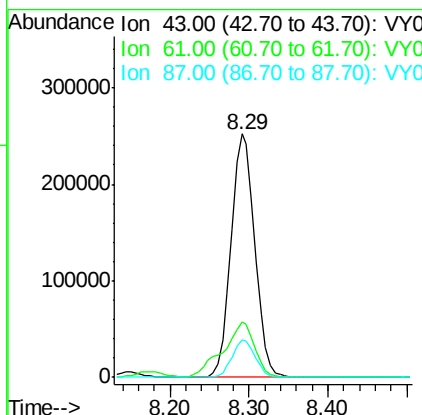
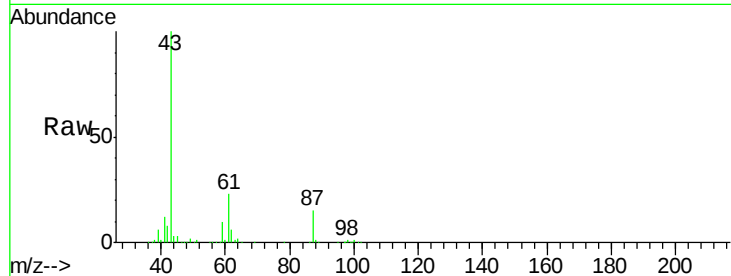
Isopropyl Acetate
 Concen: 149.903 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	25.1	37.7
87	15.1	12.6	19.0

Manual Integrations
 APPROVED

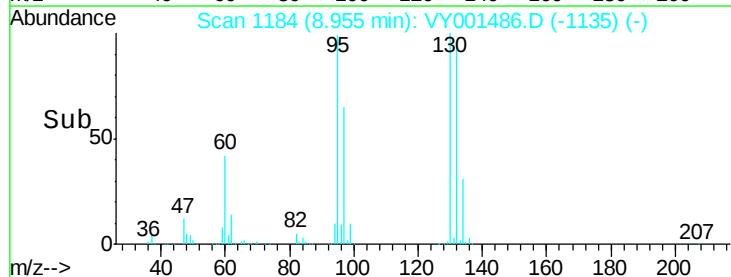
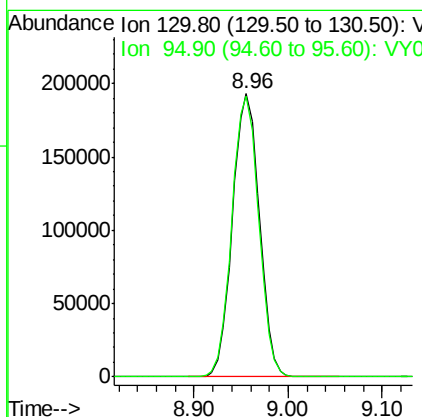
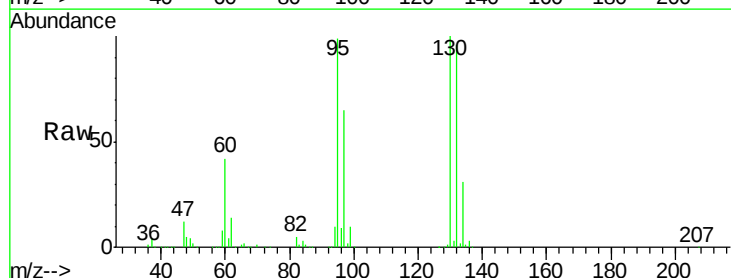
MMDadoda
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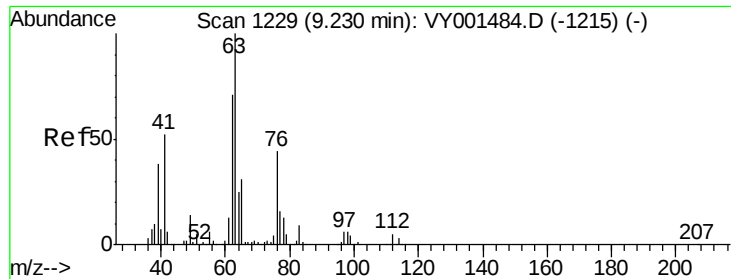


#44

Trichloroethene
 Concen: 136.271 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	199.2





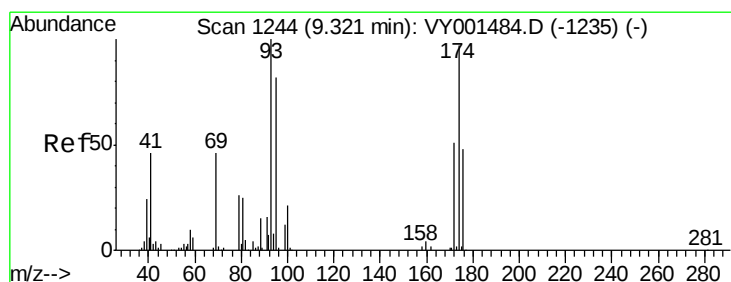
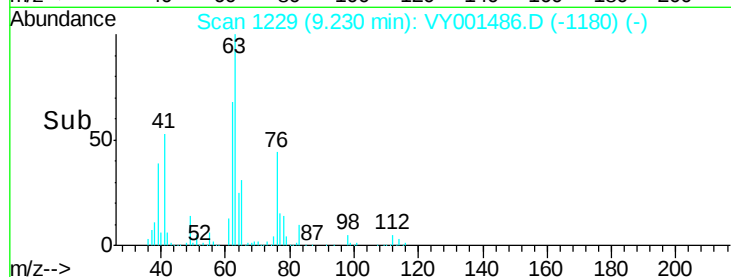
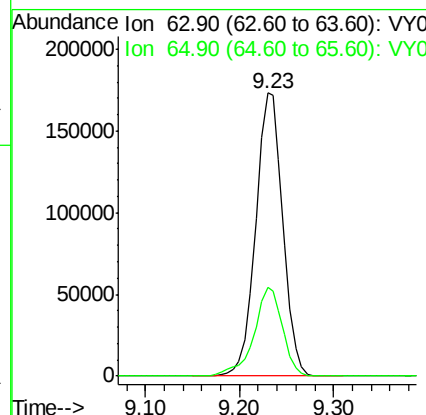
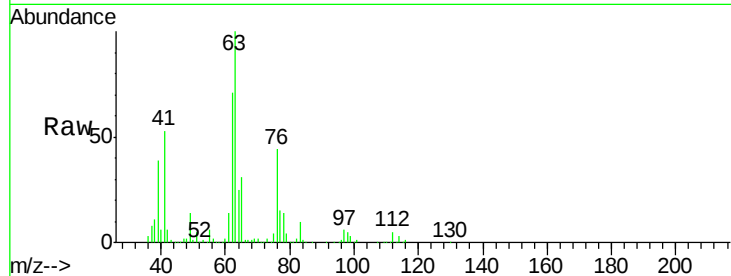
#45
 1,2-Dichloropropane
 Concen: 138.723 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.0	37.4

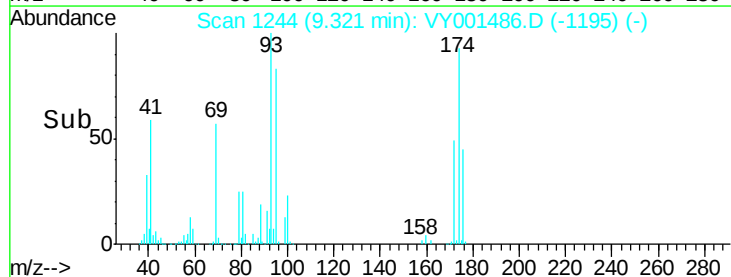
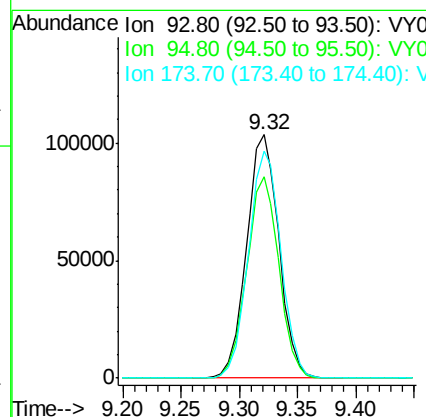
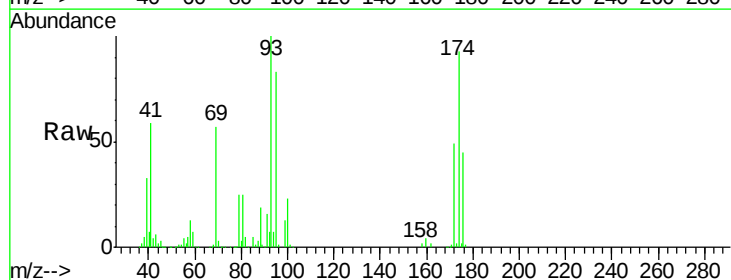
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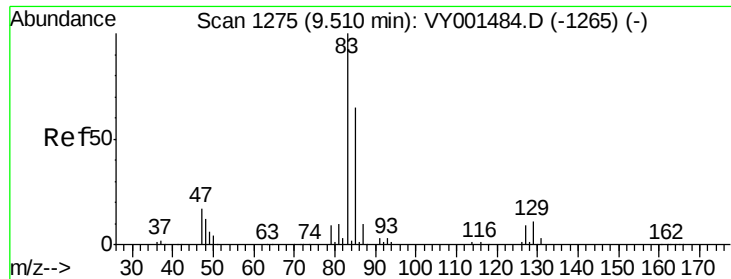
MMDadoda
 2/5/2020 12:23:49 PM



#46
 Dibromomethane
 Concen: 140.934 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.6	99.8
174	94.0	75.4	113.2





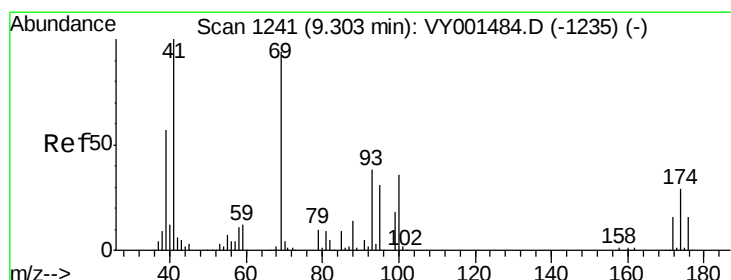
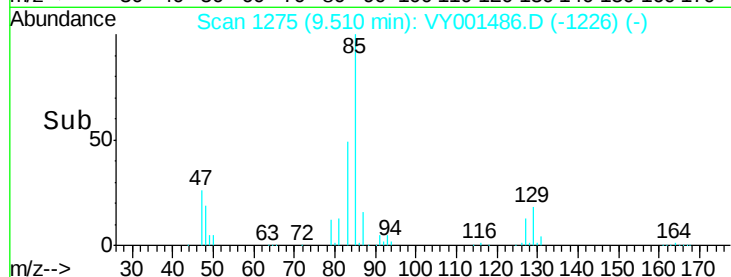
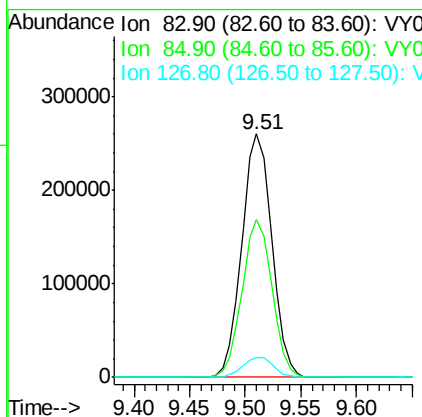
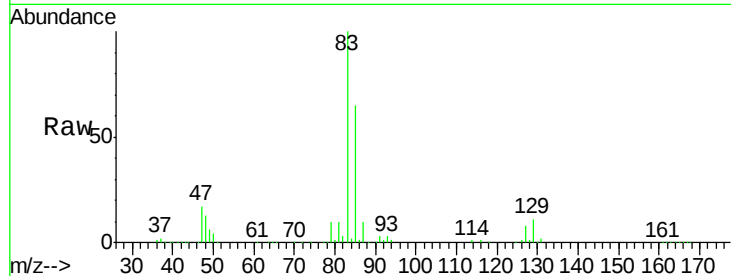
#47
Bromodichloromethane
Concen: 141.726 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	488936		
85	64.8	51.9	77.9	
127	8.3	6.9	10.3	

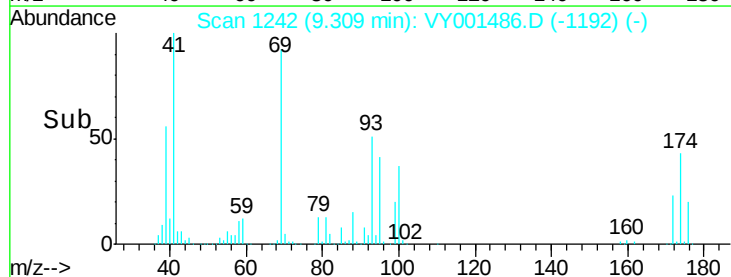
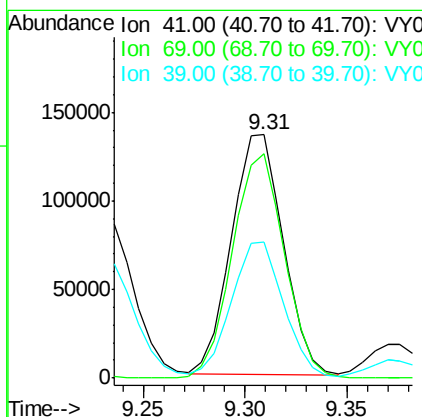
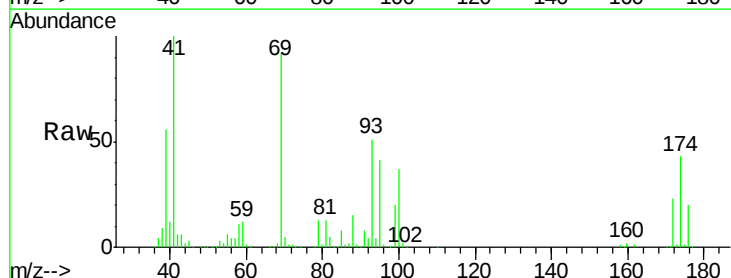
Manual Integrations
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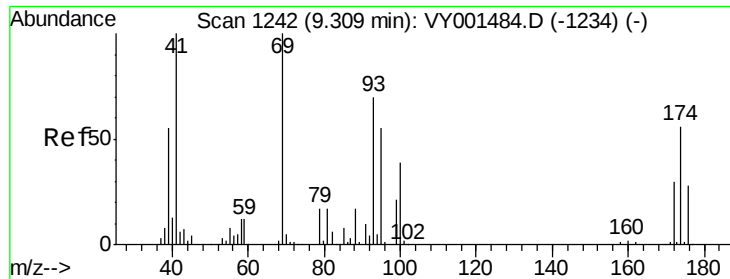
MMDadoda
2/5/2020 12:23:49 PM



#48
Methyl methacrylate
Concen: 149.994 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	238879		
69	94.3	76.6	114.8	
39	57.8	45.4	68.0	





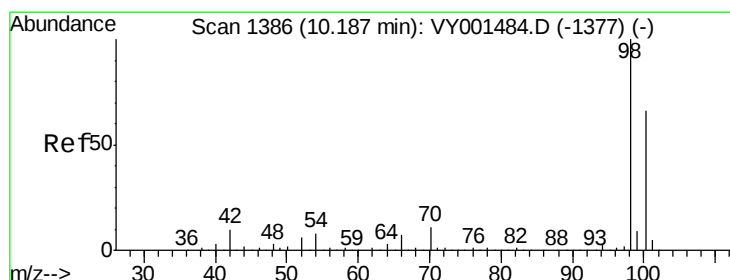
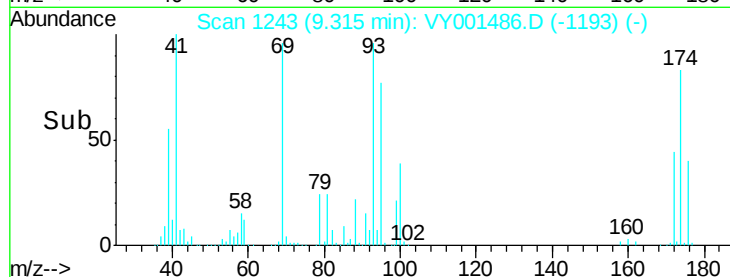
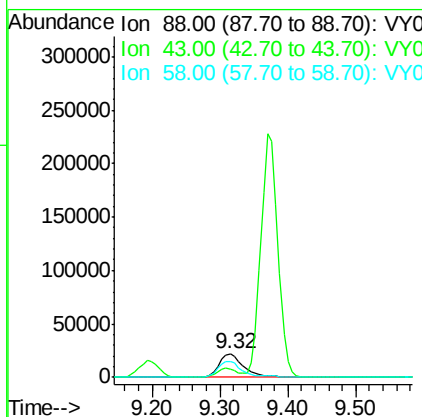
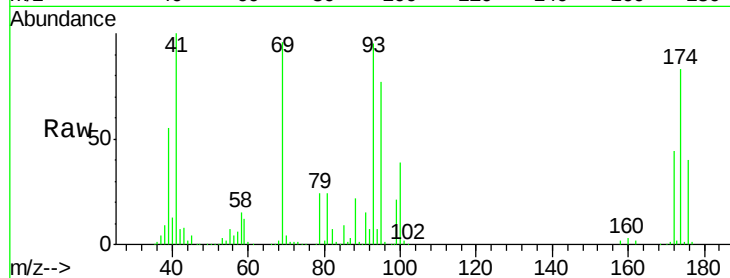
#49
1,4-Dioxane
Concen: 2997.375 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	56048
Ion	Ratio	Lower	Upper
88	100		
43	29.1	24.8	37.2
58	71.0	59.3	88.9

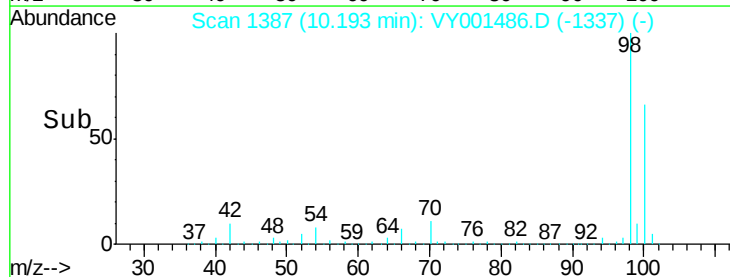
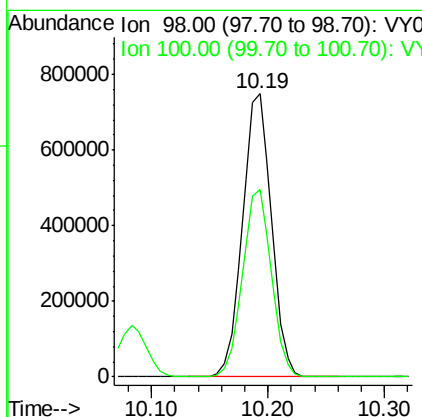
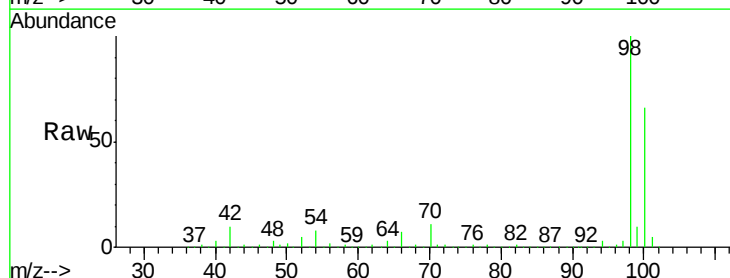
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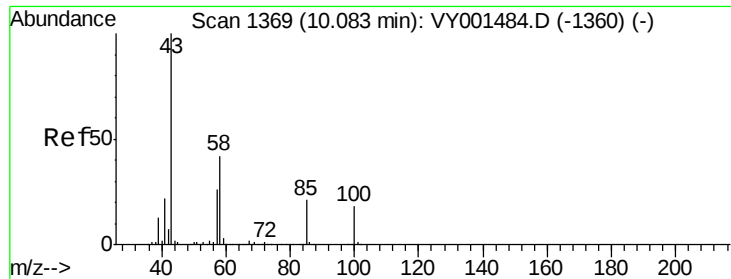
MMDadoda
2/5/2020 12:23:49 PM



#50
Toluene-d8
Concen: 149.204 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	98	Resp	1302669
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 754.707 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1304171

Ion Ratio Lower Upper

43 100

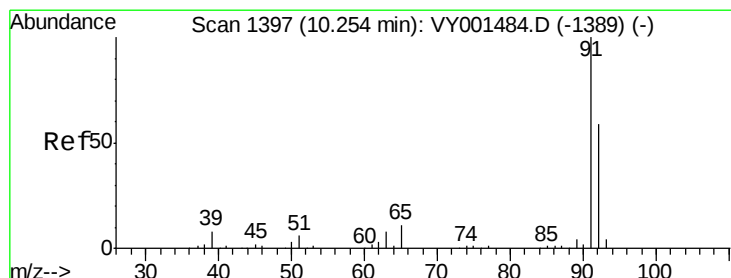
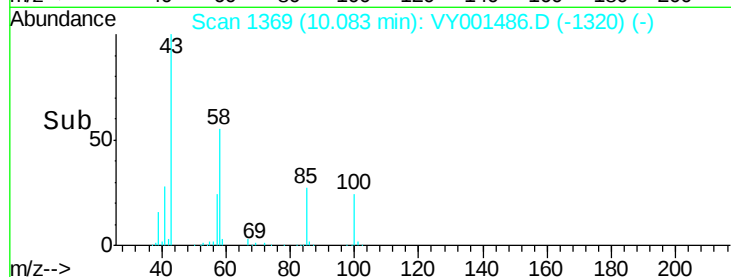
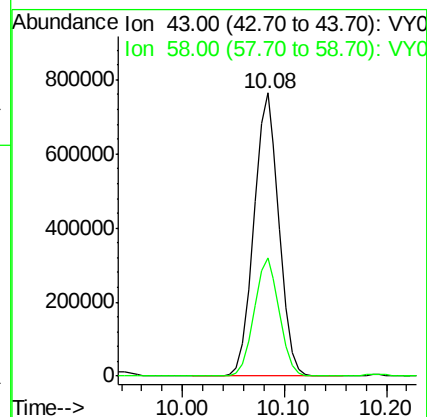
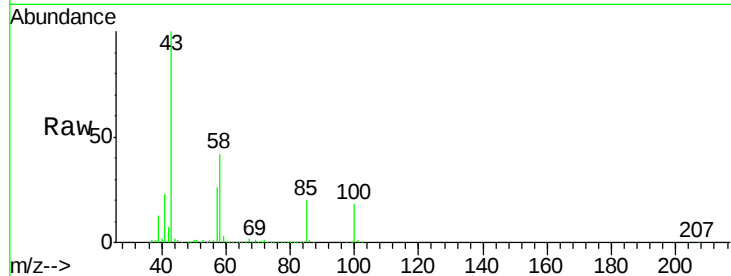
58 41.7 33.9 50.9

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 133.677 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001486.D

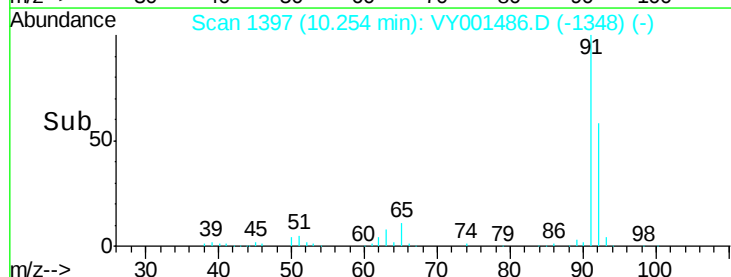
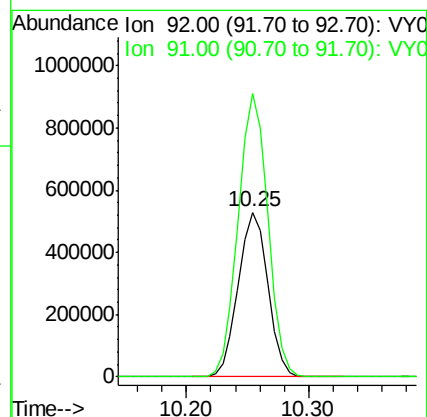
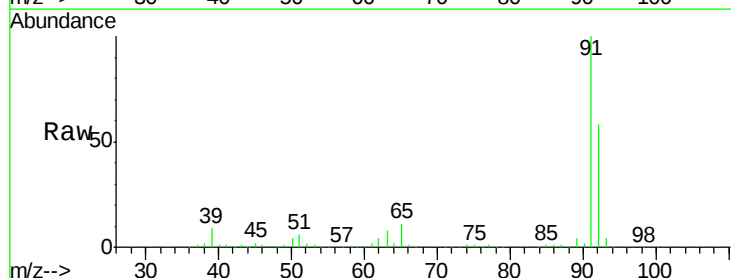
Acq: 04 Feb 2020 14:42

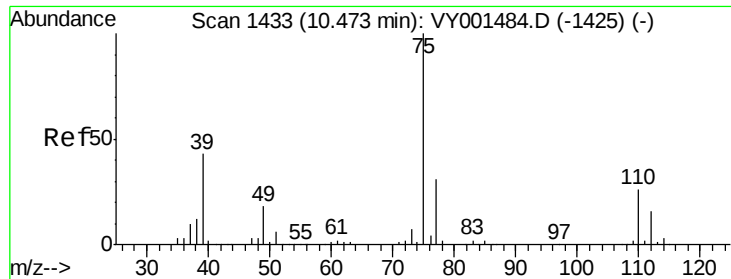
Tgt Ion: 92 Resp: 885688

Ion Ratio Lower Upper

92 100

91 171.7 136.6 204.8





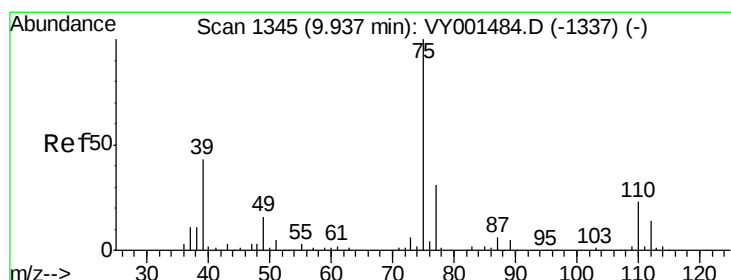
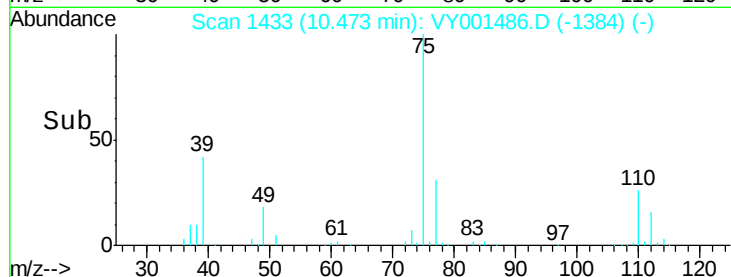
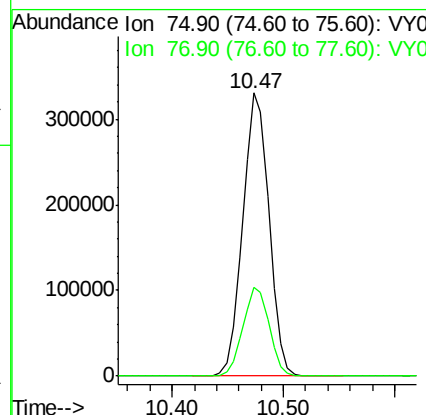
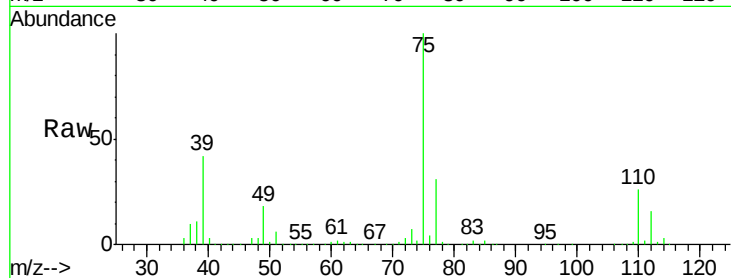
#53
t-1,3-Dichloropropene
Concen: 142.799 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3

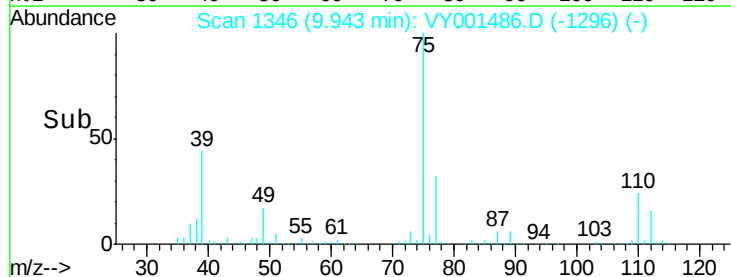
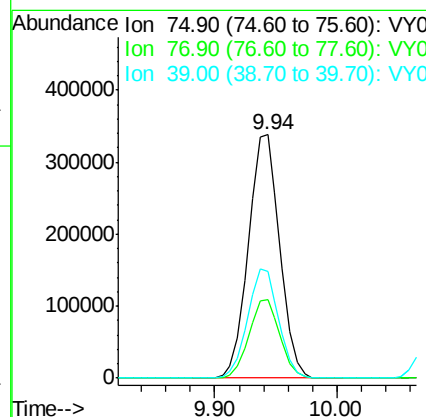
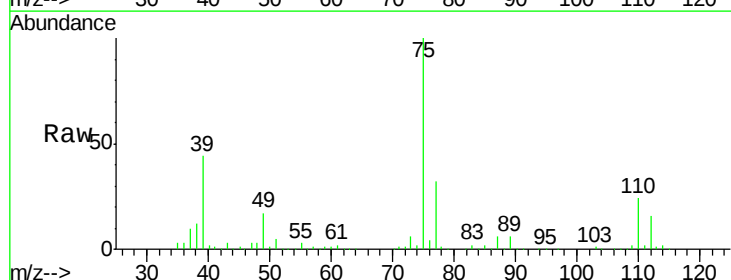
Manual Integrations
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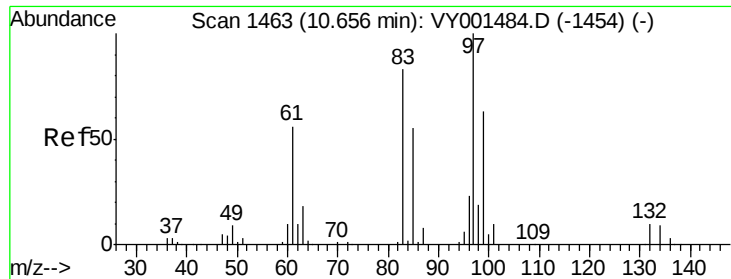
MMDadoda
2/5/2020 12:23:49 PM



#54
cis-1,3-Dichloropropene
Concen: 139.160 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.7	37.1
39	43.8	34.0	51.0





#55

1,1,2-Trichloroethane

Concen: 141.413 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

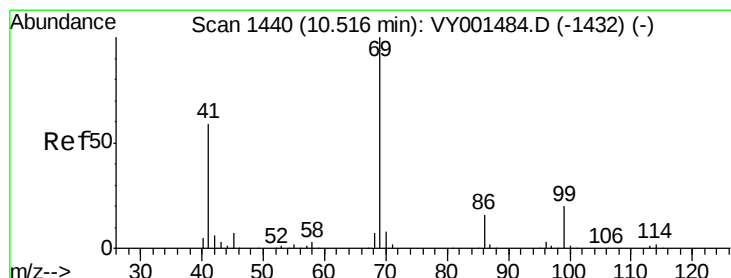
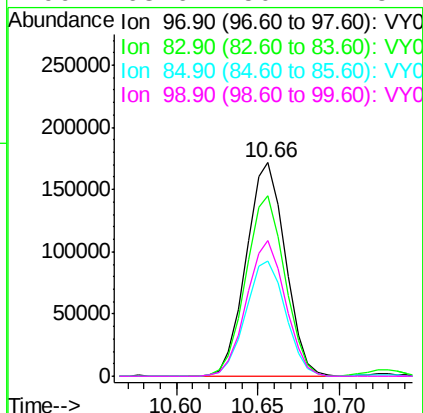
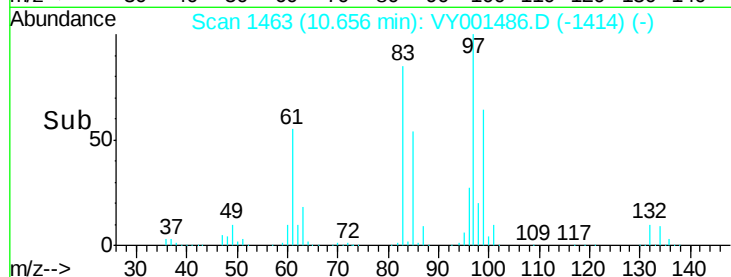
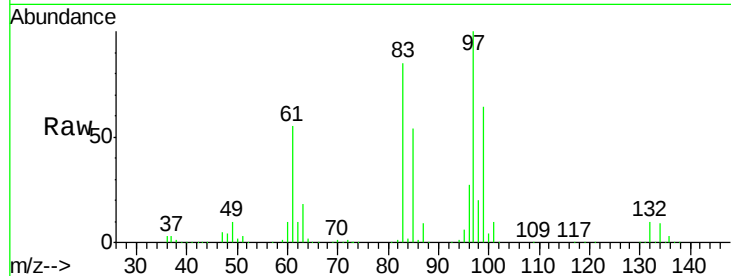
ClientSampleId :

VSTDICC150

Tot Ion:	97	Resp:	287274
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.2	99.2
85	54.3	43.8	65.6
99	63.6	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 149.812 ug/l

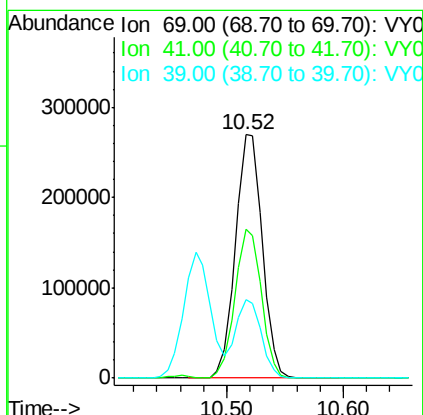
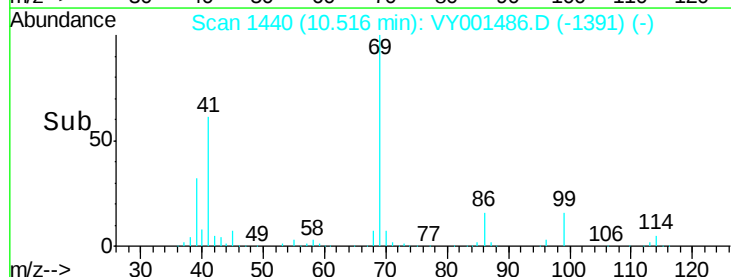
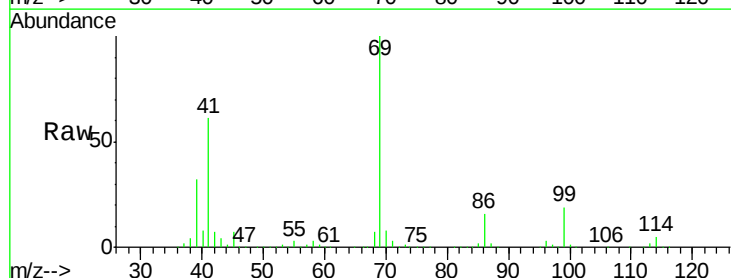
RT: 10.52 min Scan# 1440

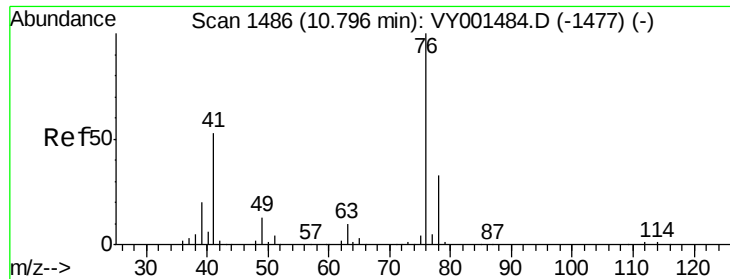
Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:	69	Resp:	432869
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.8	71.8
39	31.0	24.4	36.6





#57

1,3-Dichloropropane

Concen: 139.408 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 76 Resp: 499222

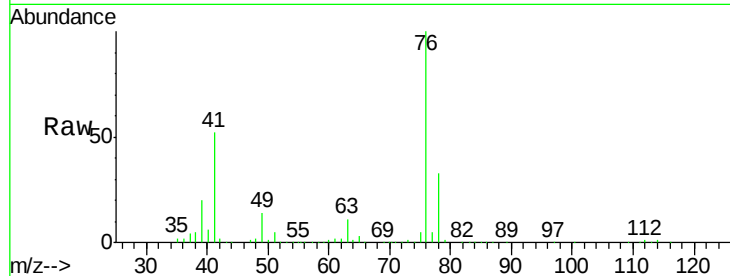
Ion Ratio Lower Upper

76 100

78 32.7 25.7 38.5

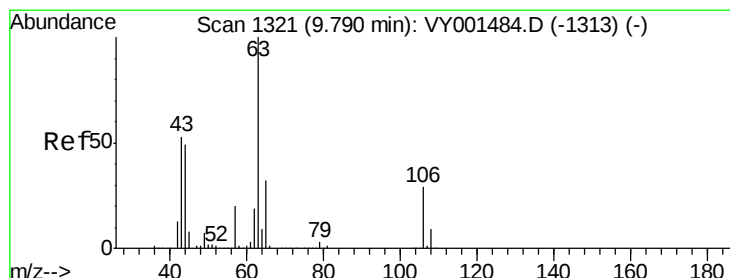
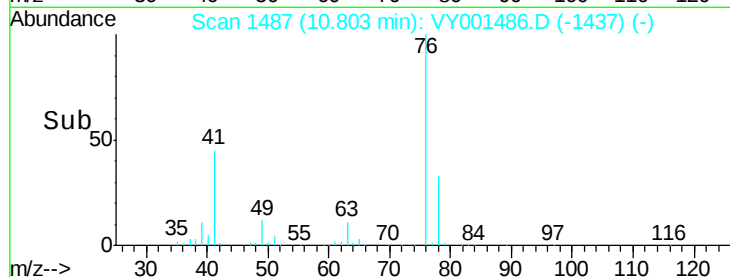
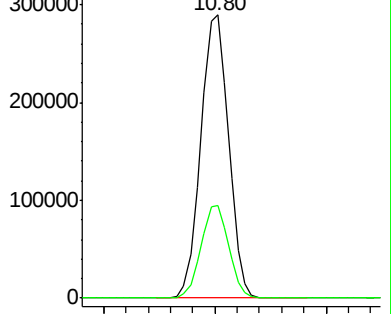
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 738.959 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY001486.D

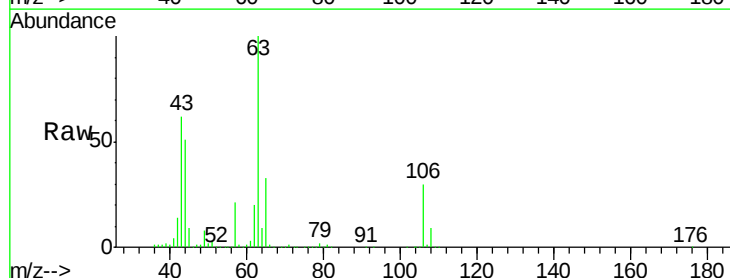
Acq: 04 Feb 2020 14:42

Tgt Ion: 63 Resp: 785469

Ion Ratio Lower Upper

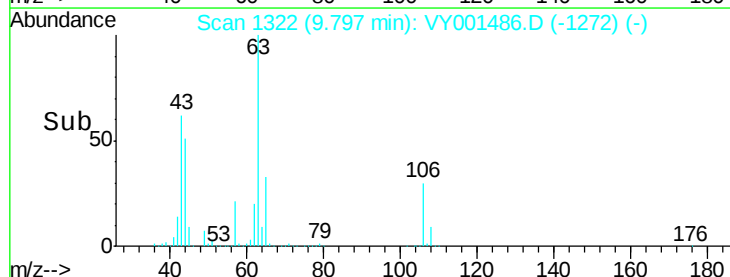
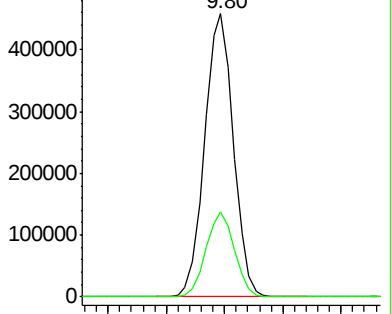
63 100

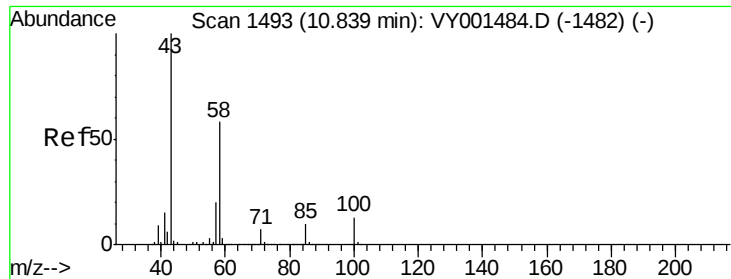
106 29.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





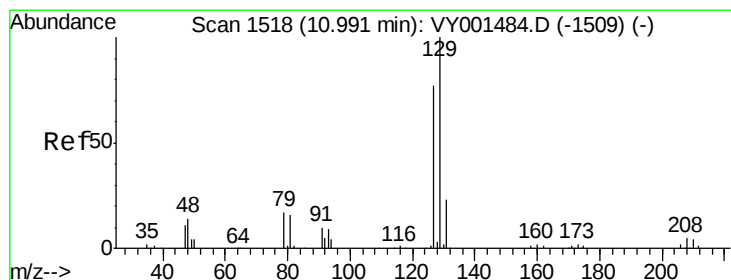
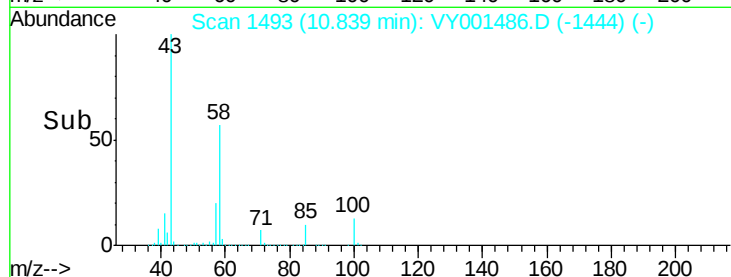
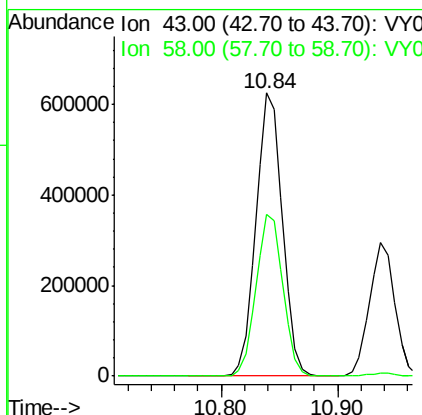
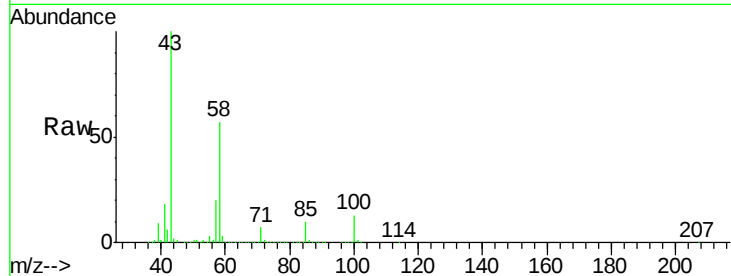
#59
2-Hexanone
Concen: 791.246 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 994157
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.0

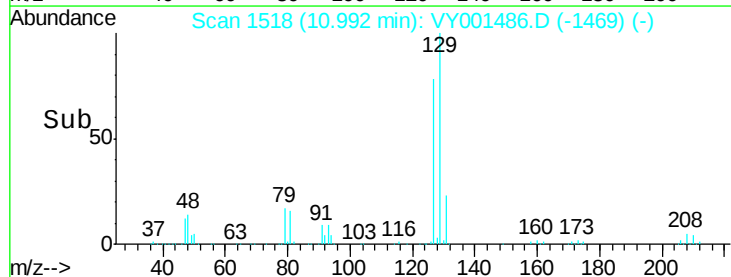
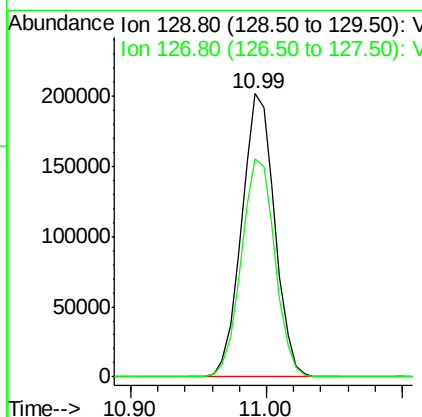
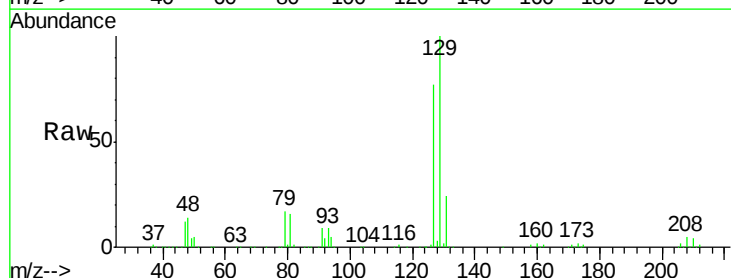
Manual Integrations
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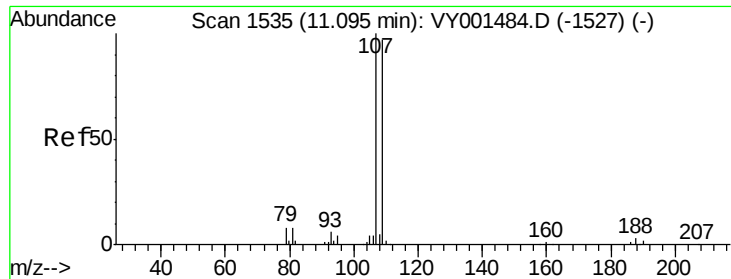
MMDadoda
2/5/2020 12:23:49 PM



#60
Dibromochloromethane
Concen: 142.391 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 129 Resp: 340968
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 143.624 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 287373

Ion Ratio Lower Upper

107 100

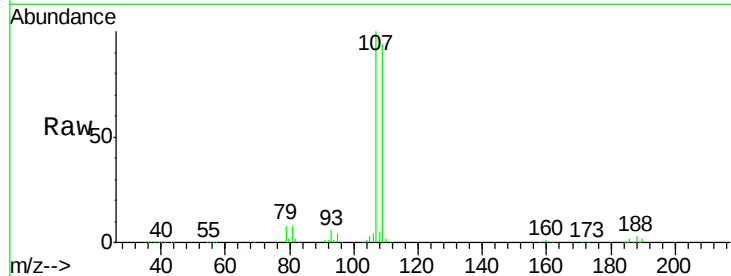
109 93.6 76.2 114.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

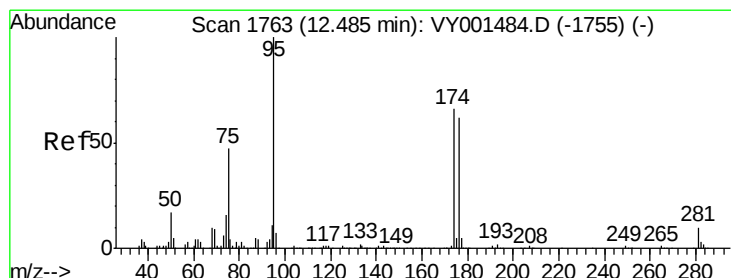
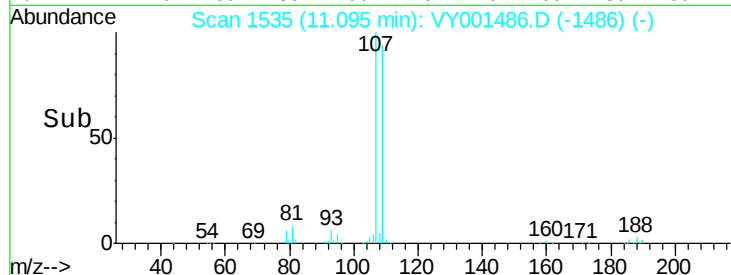
150000

100000

50000

0

Time--> 11.00 11.10 11.20



#62

4-Bromofluorobenzene

Concen: 136.859 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

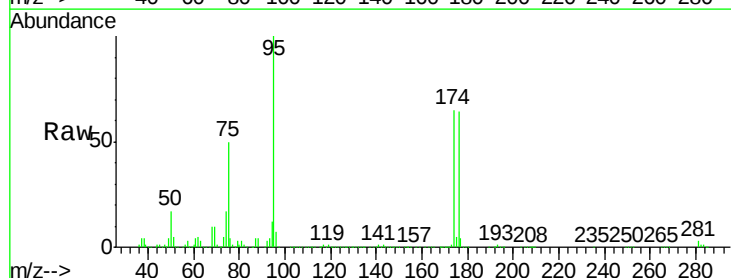
Tgt Ion: 95 Resp: 470723

Ion Ratio Lower Upper

95 100

174 70.2 0.0 141.4

176 67.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

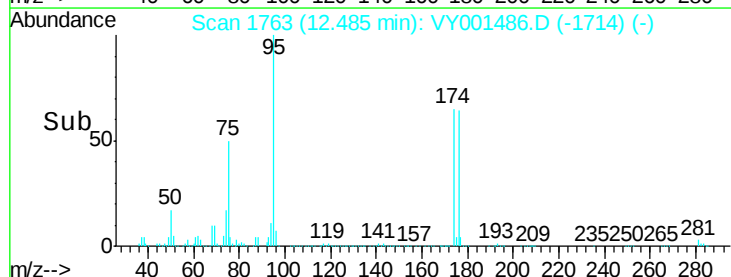
300000

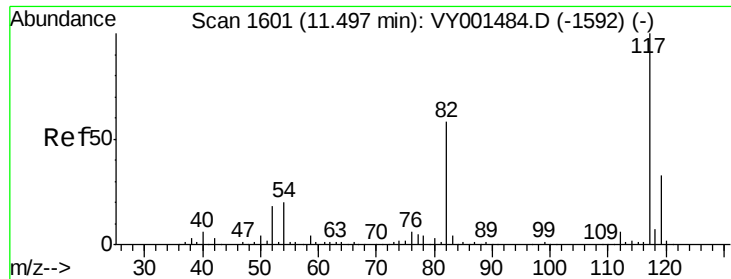
200000

100000

0

Time--> 12.40 12.50





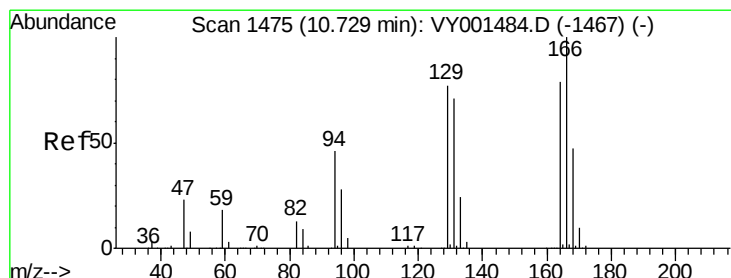
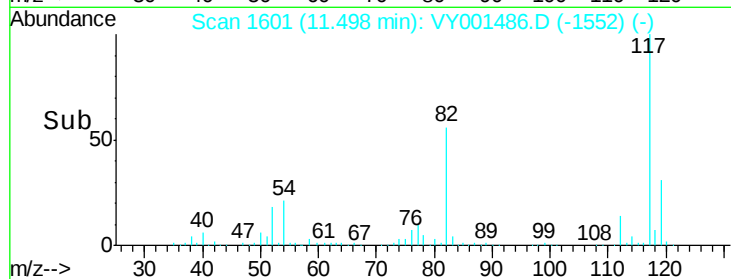
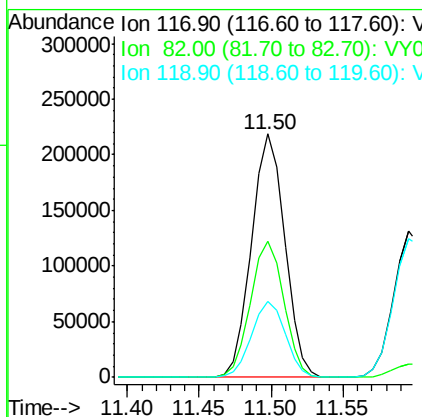
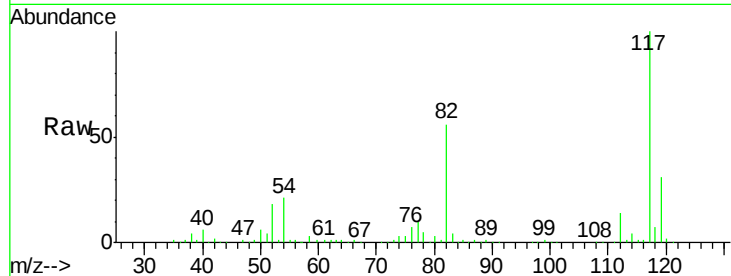
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.1	69.1
119	31.4	26.1	39.1

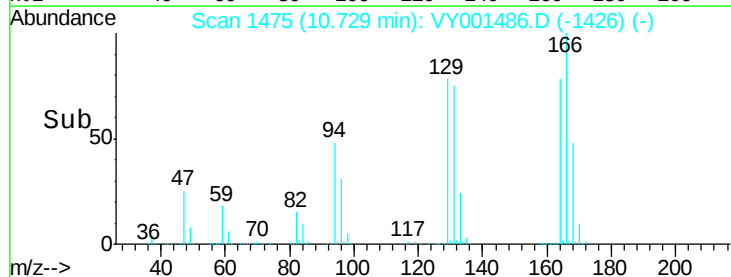
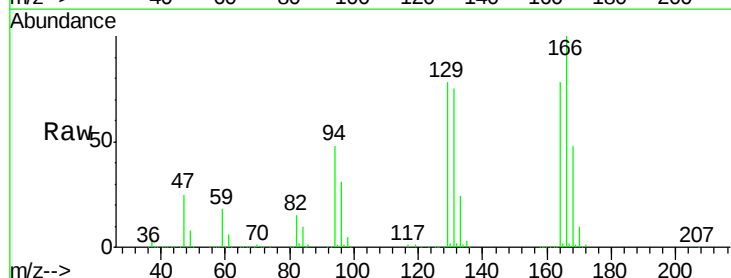
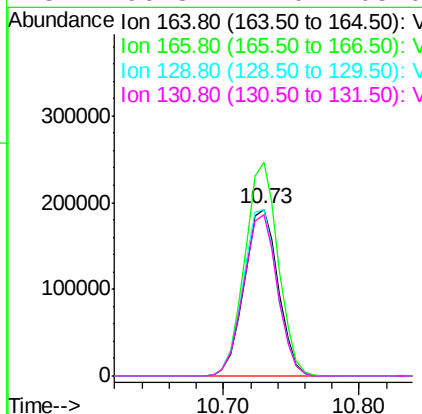
Manual Integrations
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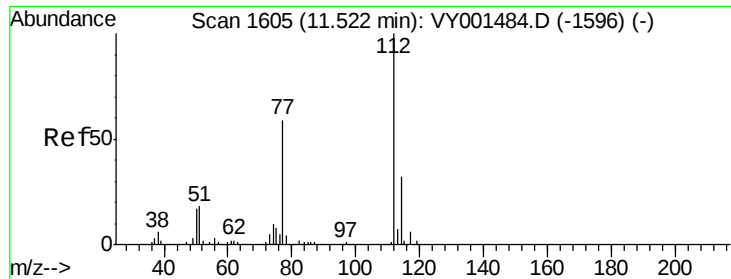
MMDadoda
2/5/2020 12:23:49 PM



#64
Tetrachloroethene
Concen: 146.487 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.8	151.2
129	100.1	77.8	116.6
131	96.3	72.0	108.0





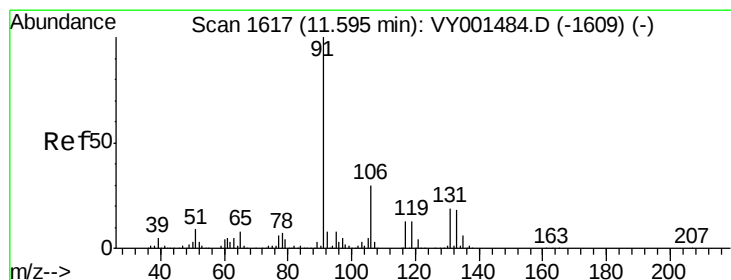
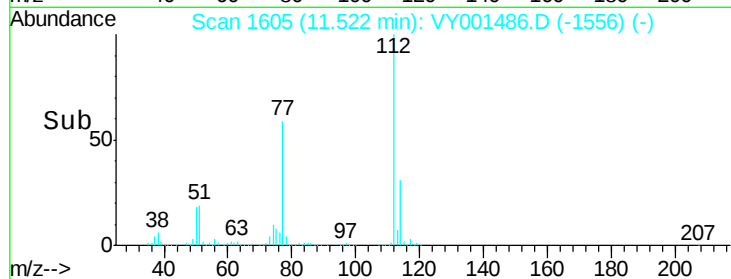
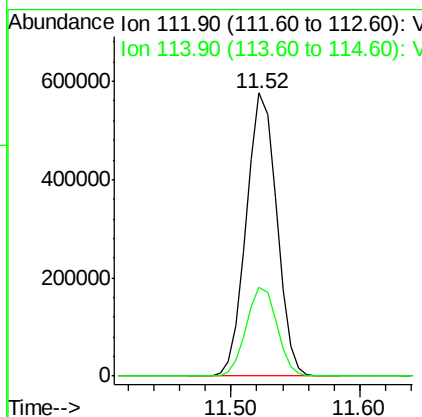
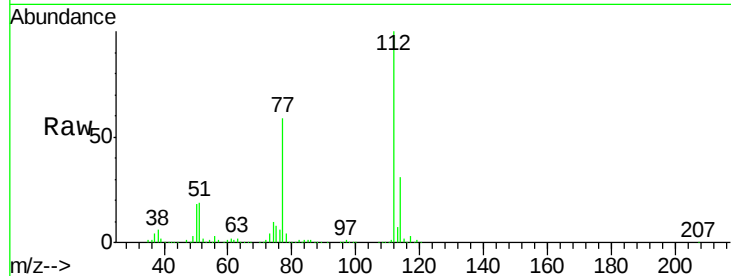
#65
Chlorobenzene
Concen: 136.435 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.4	38.2

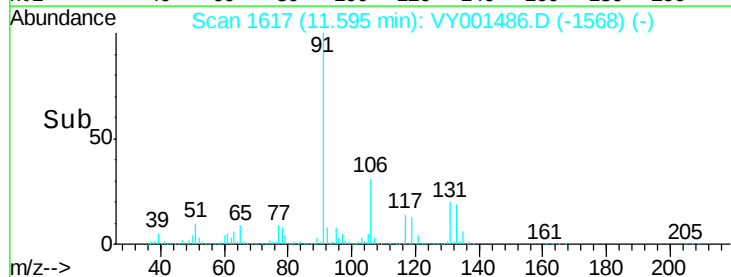
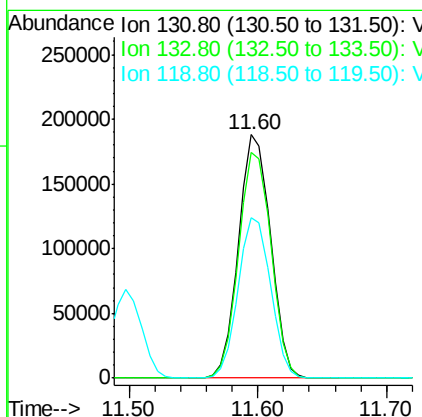
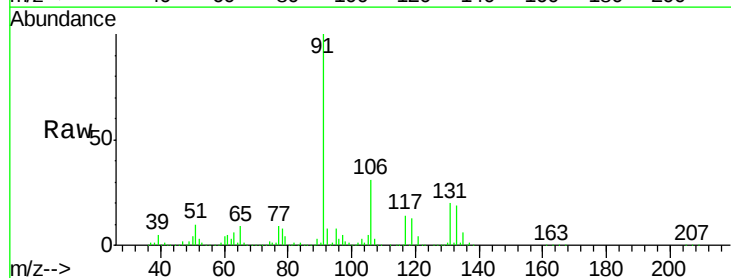
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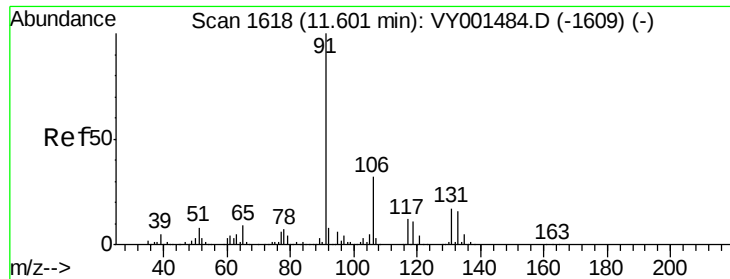
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 135.184 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.9	143.8
119	66.5	33.7	101.0





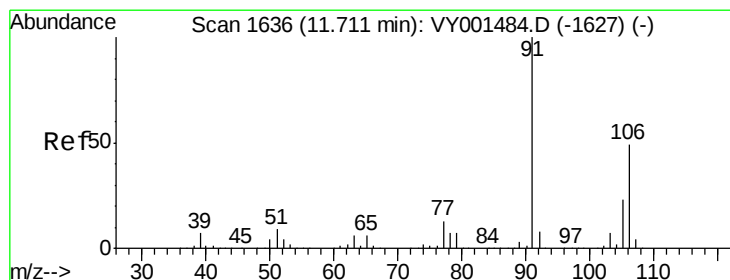
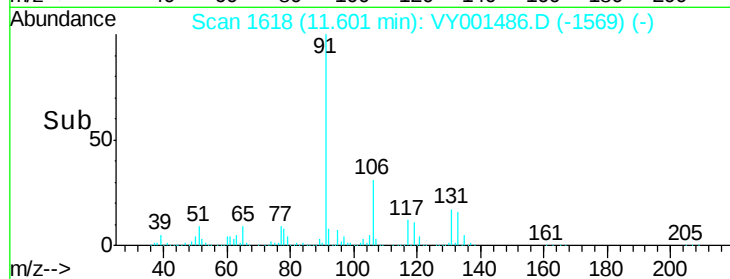
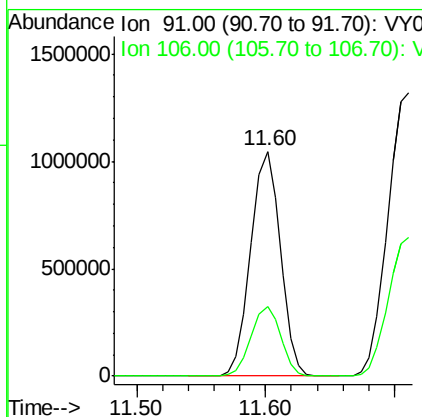
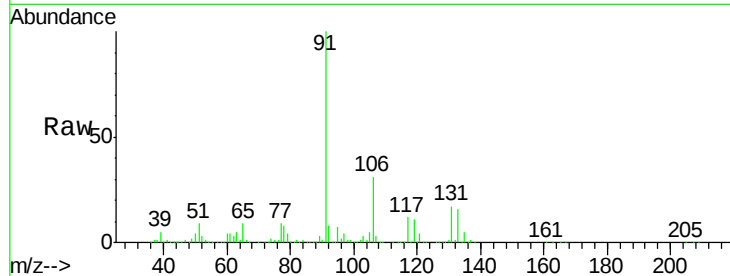
#67
Ethyl Benzene
Concen: 131.285 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1665140
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

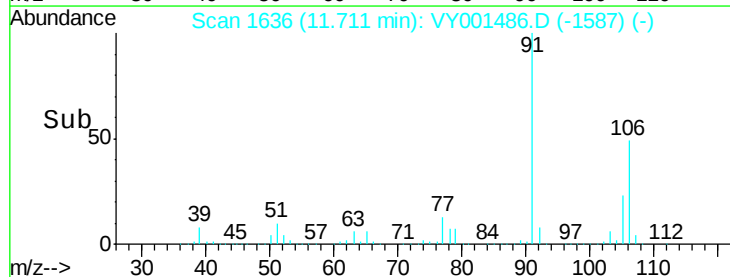
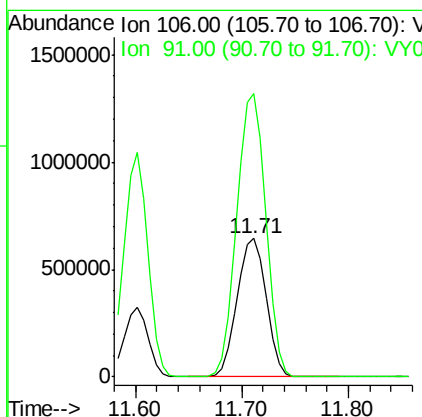
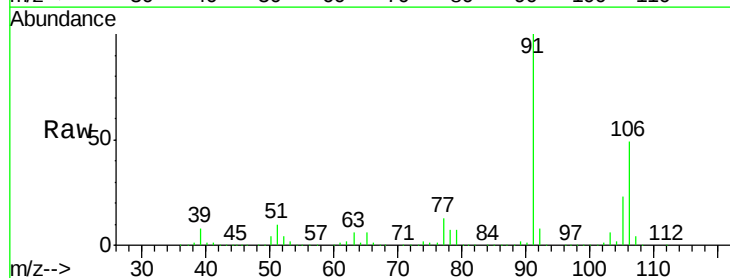
Manual Integrations
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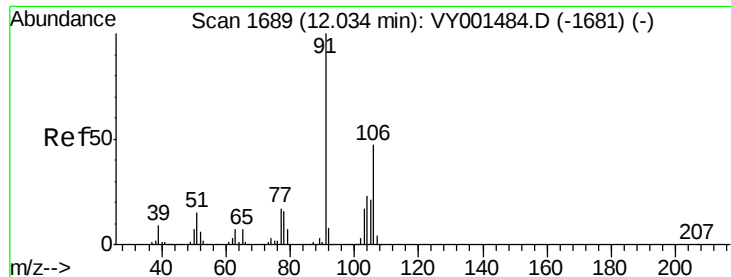
MMDadoda
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#68
m/p-Xylenes
Concen: 259.539 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 106 Resp: 1235778
Ion Ratio Lower Upper
106 100
91 204.6 163.6 245.4





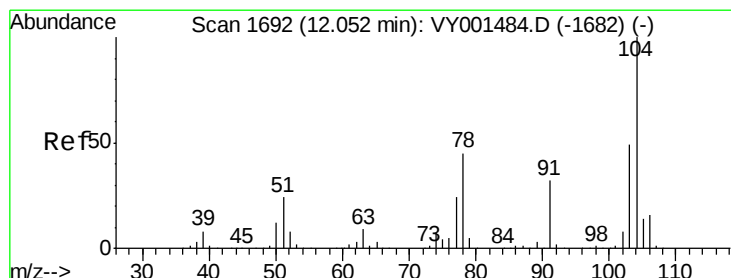
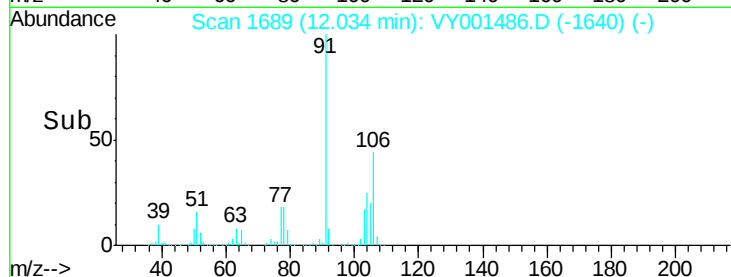
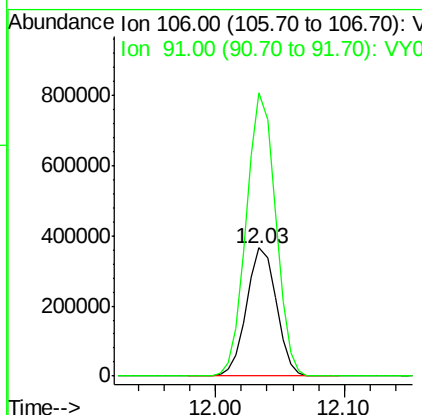
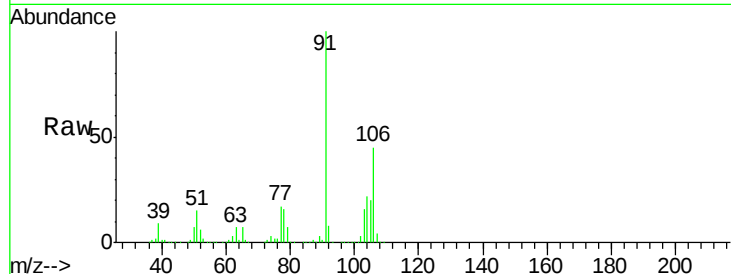
#69
o-Xylene
Concen: 129.368 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 580784
Ion Ratio Lower Upper
106 100
91 218.5 106.0 318.0

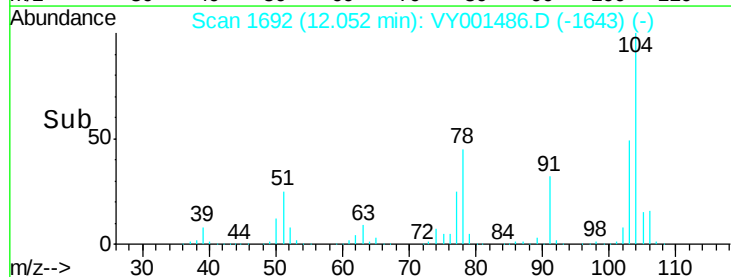
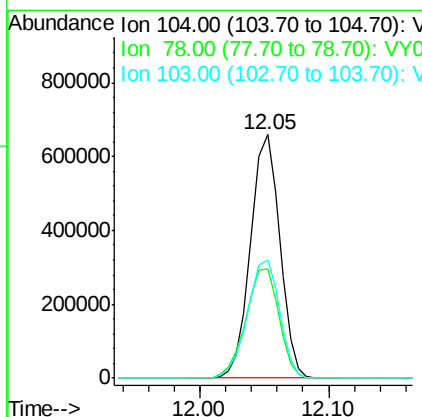
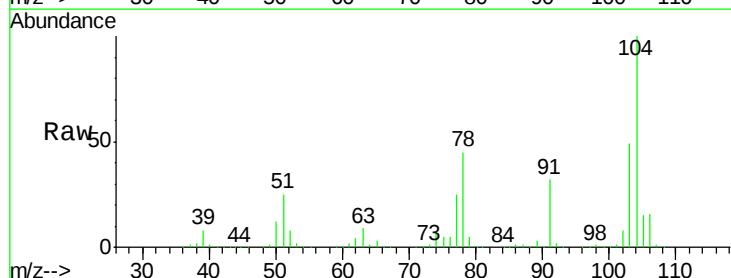
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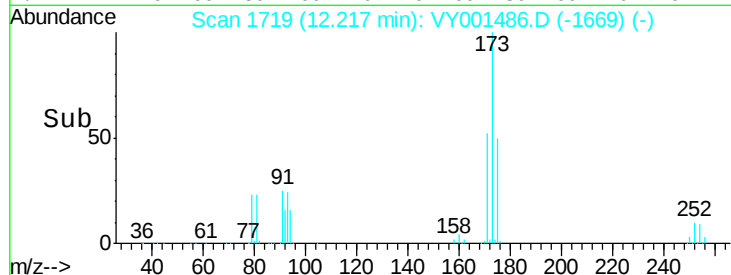
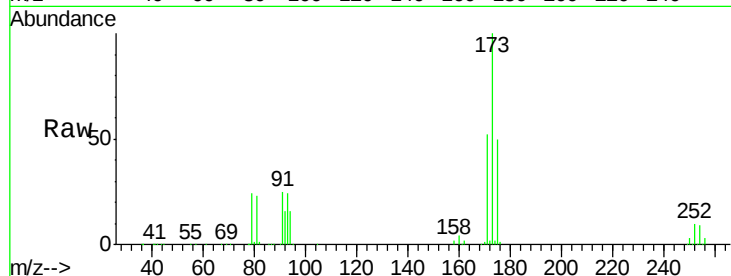
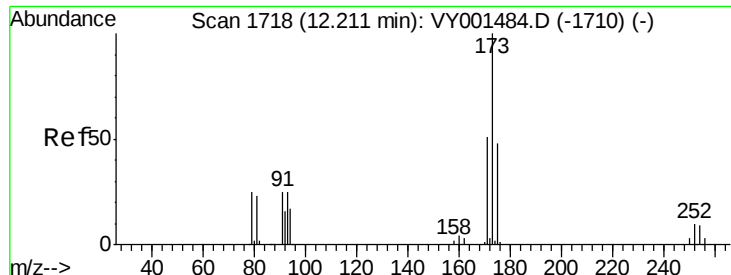
MMDadoda
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#70
Styrene
Concen: 133.005 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:104 Resp: 1032590
Ion Ratio Lower Upper
104 100
78 50.9 40.4 60.6
103 53.6 42.8 64.2





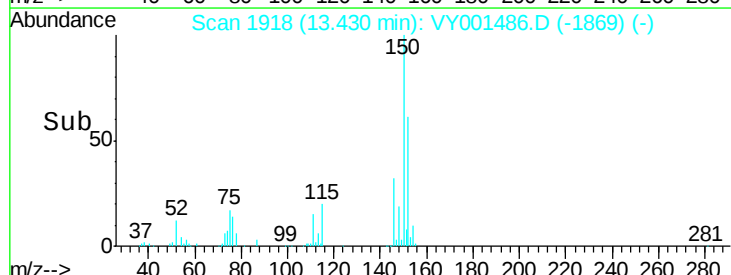
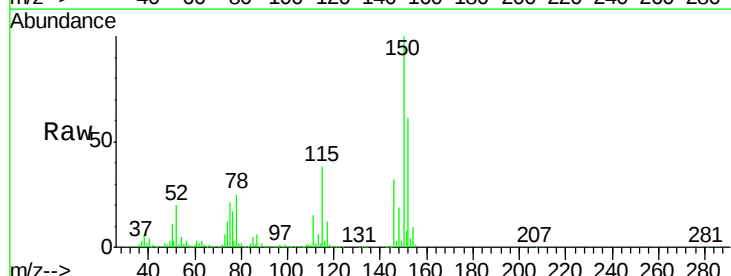
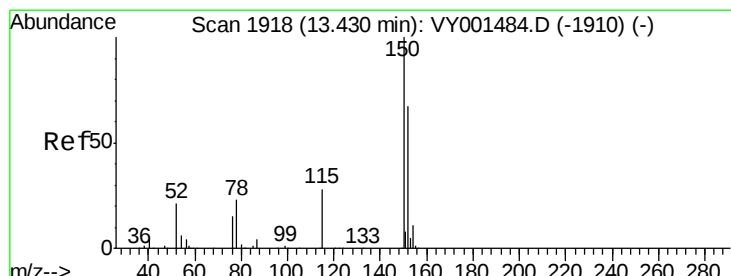
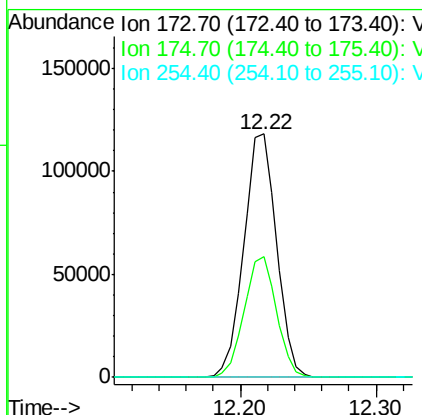
#71
Bromoform
Concen: 148.838 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.0	72.0
254	0.1	0.1	0.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

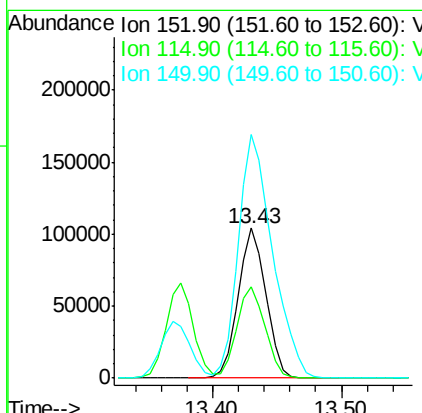
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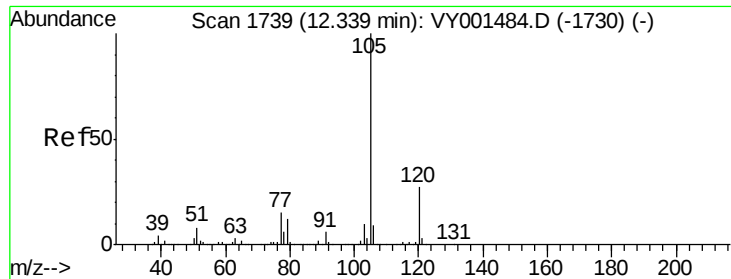
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.4	94.3
150	200.7	0.0	346.8





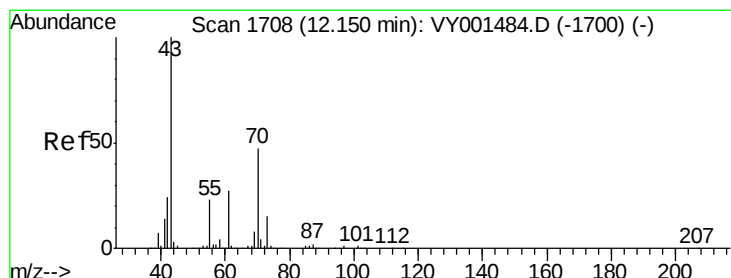
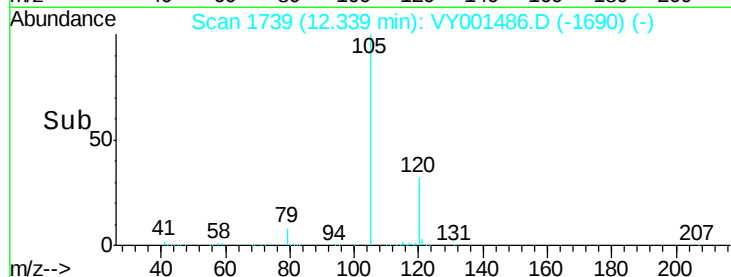
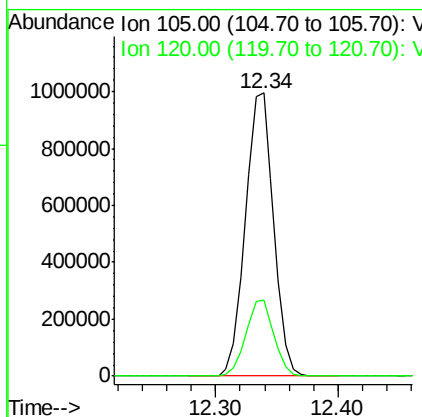
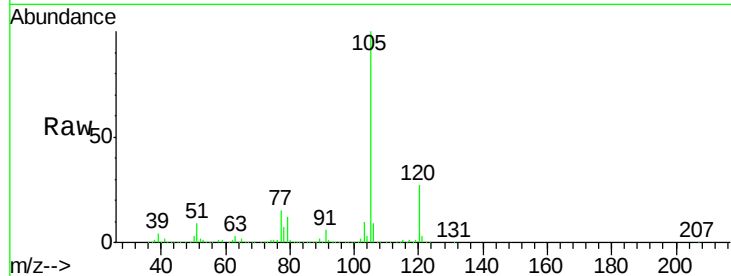
#73
Isopropylbenzene
Concen: 134.775 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 105 Resp: 1588301
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

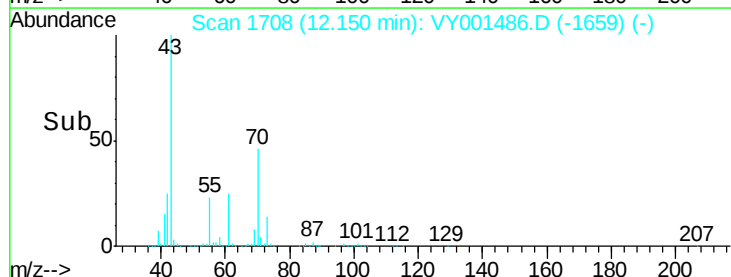
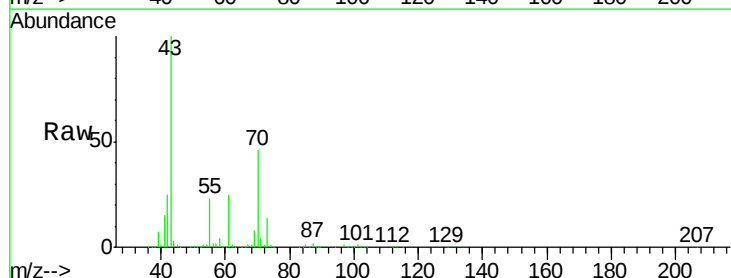
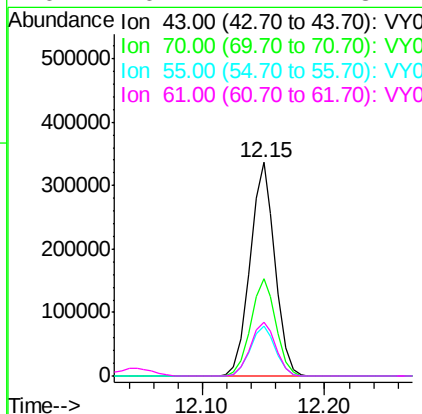
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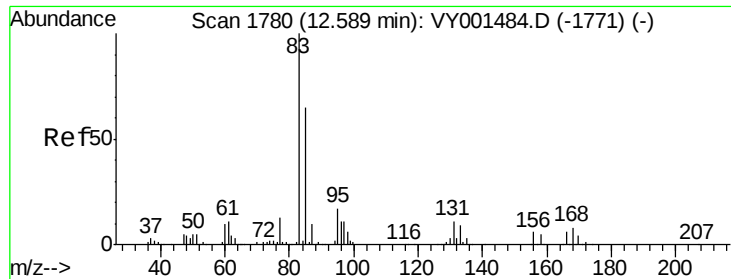
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#74
N-ethyl acetate
Concen: 154.687 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 43 Resp: 473702
Ion Ratio Lower Upper
43 100
70 46.2 37.2 55.8
55 23.8 18.8 28.2
61 26.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 150.201 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

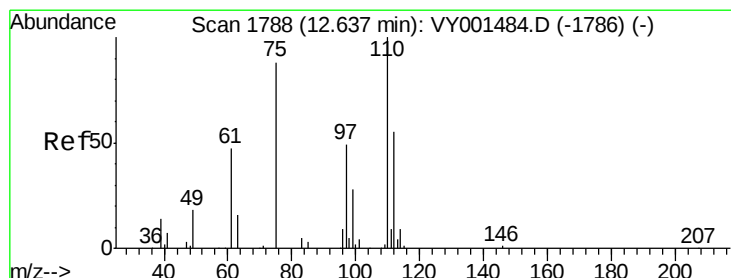
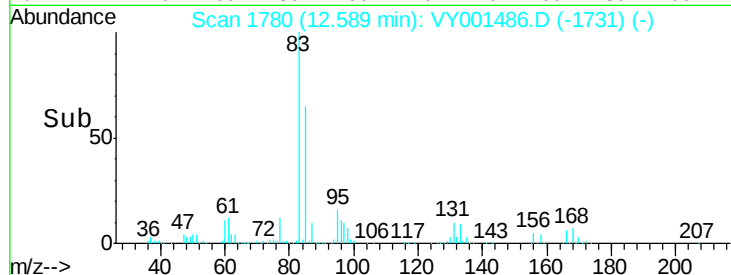
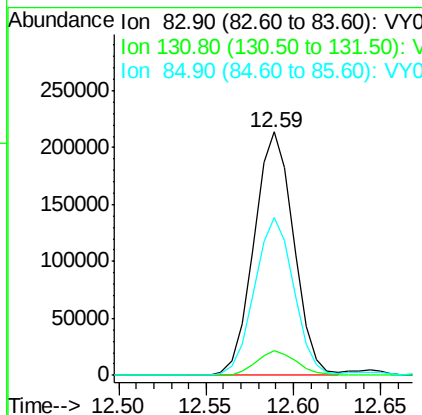
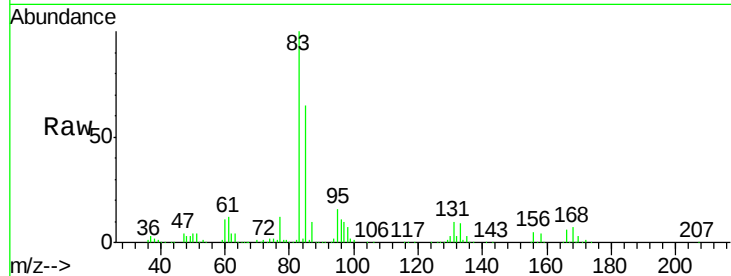
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	336303
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 132.525 ug/l m

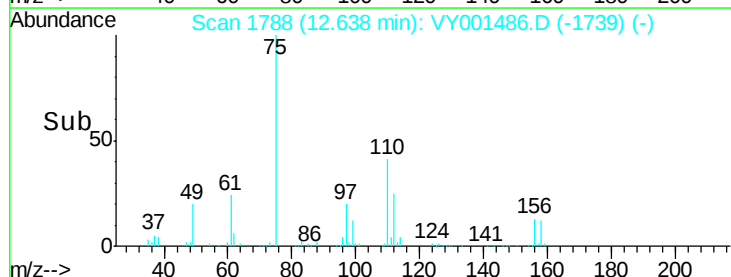
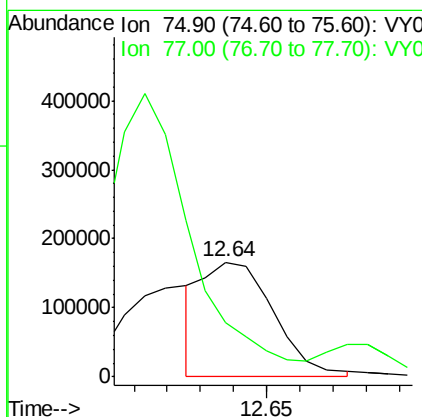
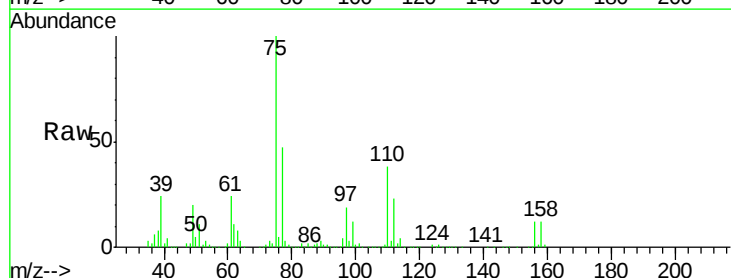
RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:	75	Resp:	249716
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 137.253 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

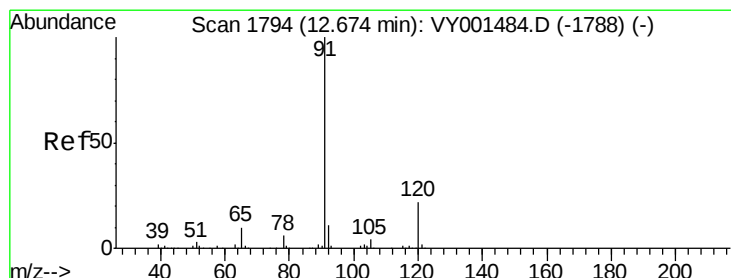
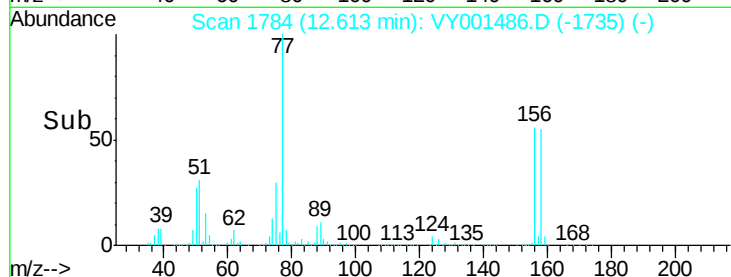
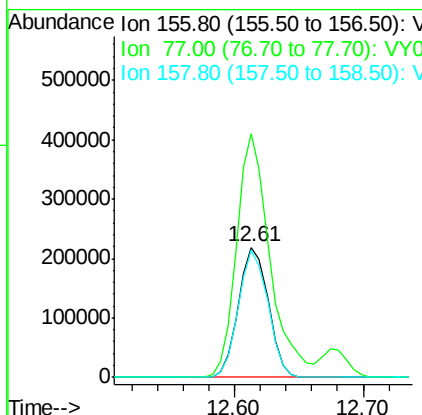
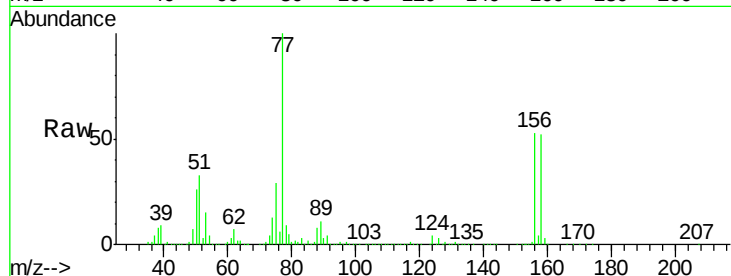
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	350047
Ion Ratio	Lower	Upper	
156	100		
77	210.9	99.8	299.3
158	96.8	47.5	142.6

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#78

n-propylbenzene

Concen: 134.780 ug/l

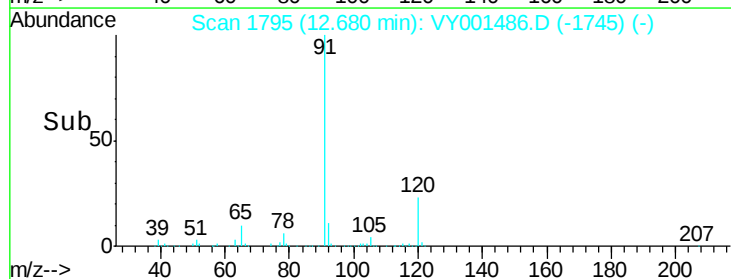
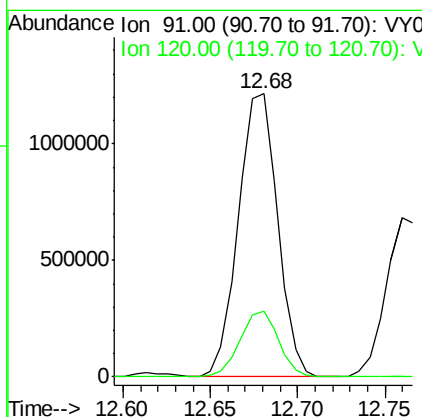
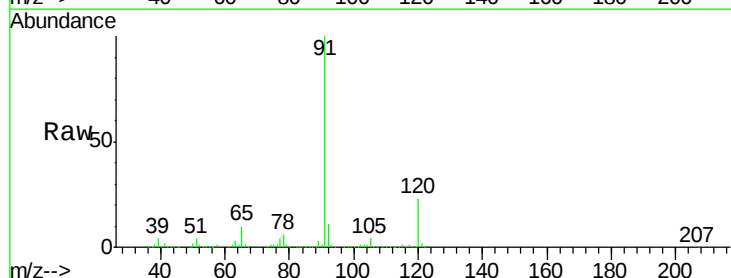
RT: 12.68 min Scan# 1795

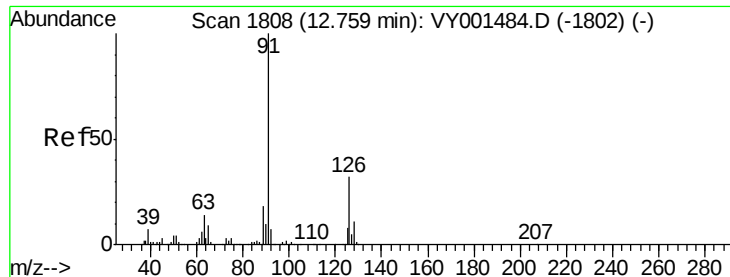
Delta R.T. 0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:	91	Resp:	1901524
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.2





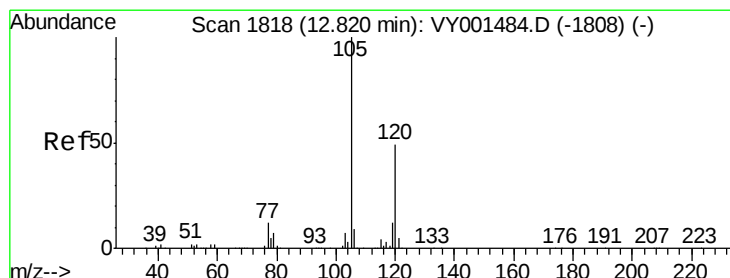
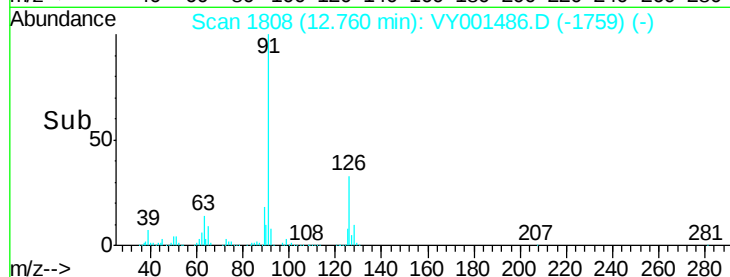
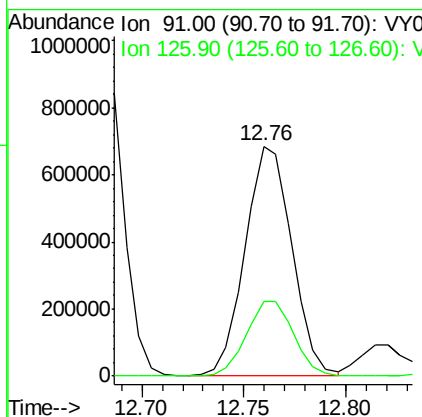
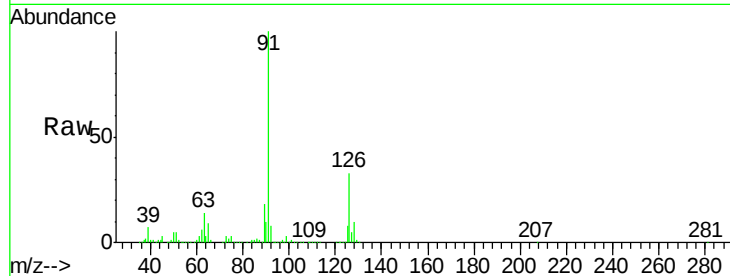
#79
2-Chlorotoluene
Concen: 136.304 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1096150
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.2

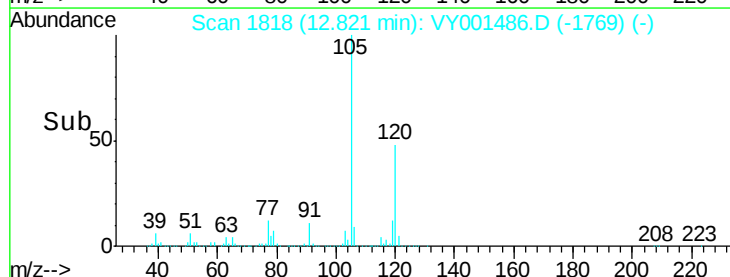
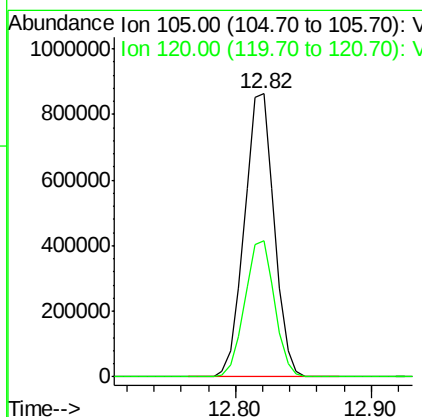
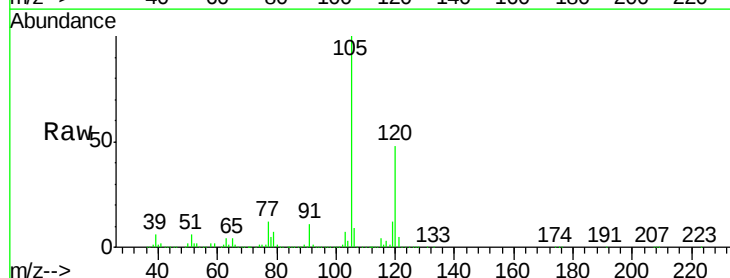
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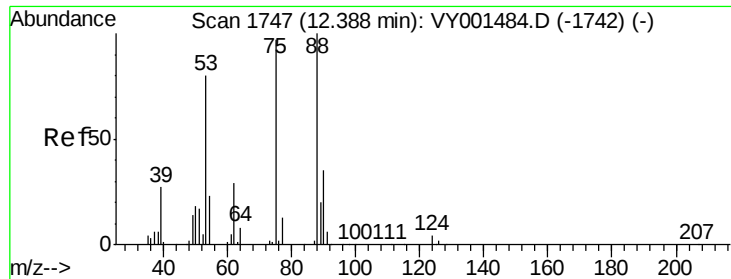
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#80
1,3,5-Trimethylbenzene
Concen: 133.150 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 105 Resp: 1321485
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 155.767 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

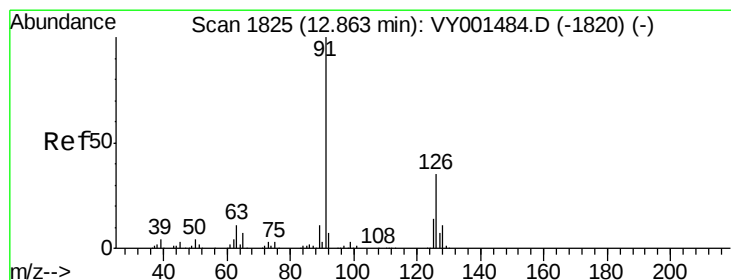
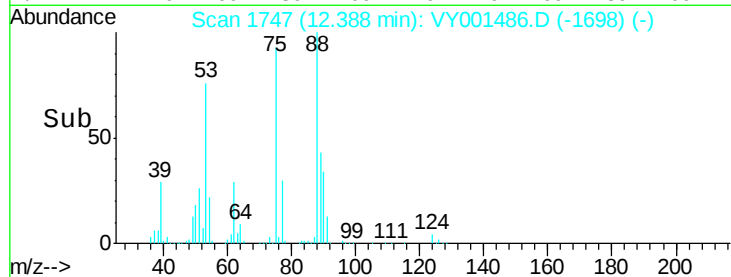
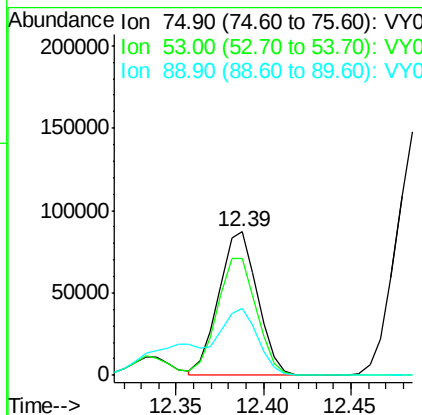
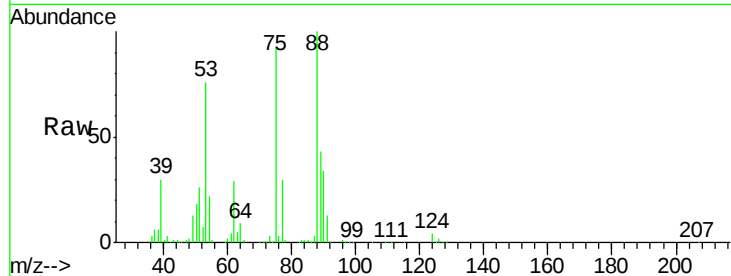
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	133769
Ion	Ratio	Lower	Upper
75	100		
53	83.1	67.7	101.5
89	47.3	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 134.757 ug/l

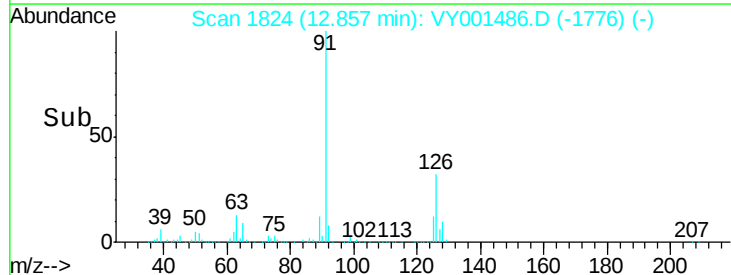
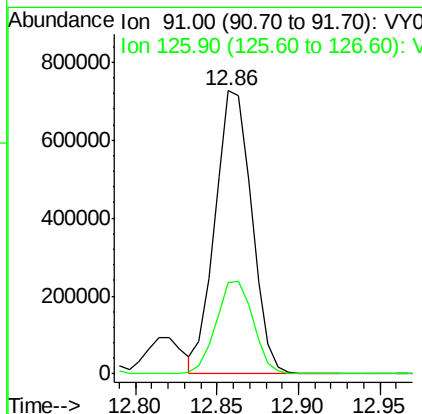
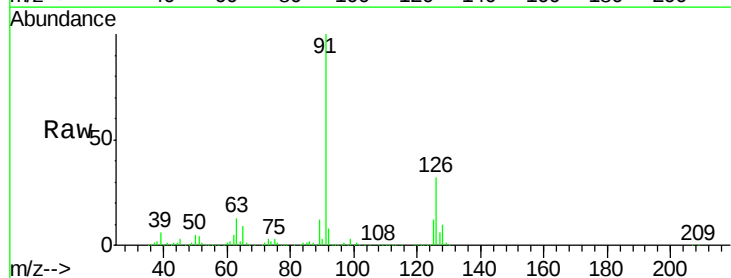
RT: 12.86 min Scan# 1824

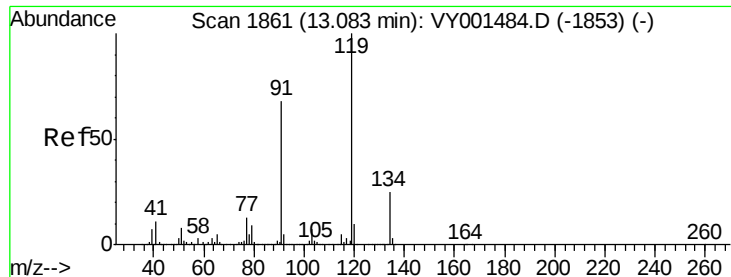
Delta R.T. -0.01 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:	91	Resp:	1136230
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





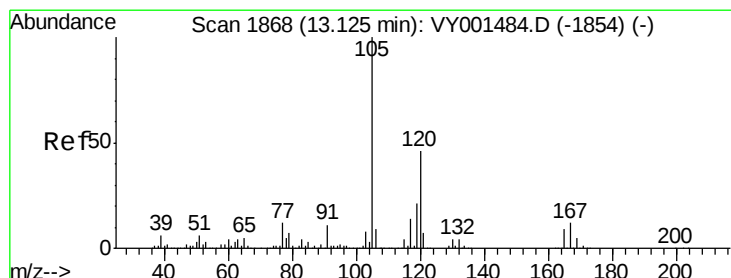
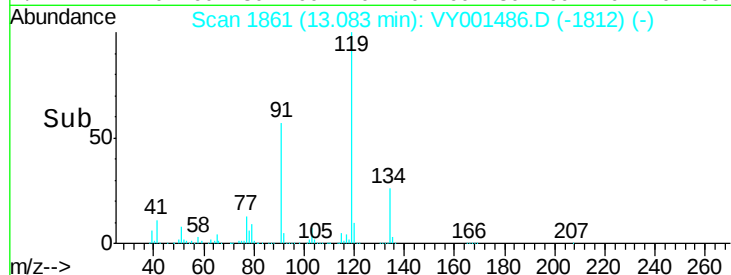
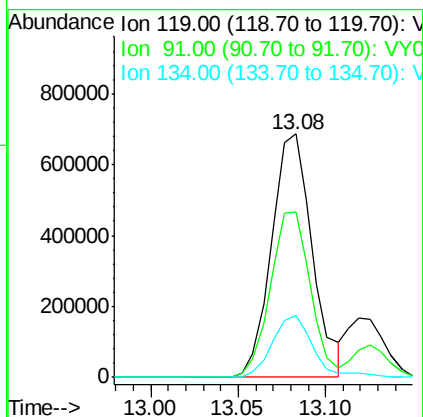
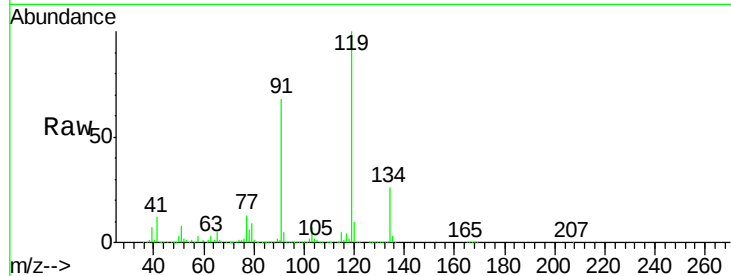
#83
tert-Butylbenzene
Concen: 133.310 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1118366
Ion Ratio Lower Upper
119 100
91 66.7 33.1 99.3
134 25.6 13.0 39.0

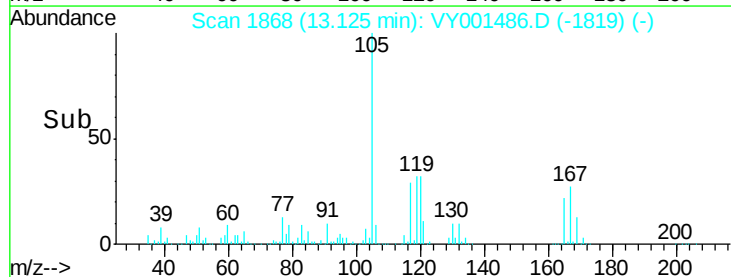
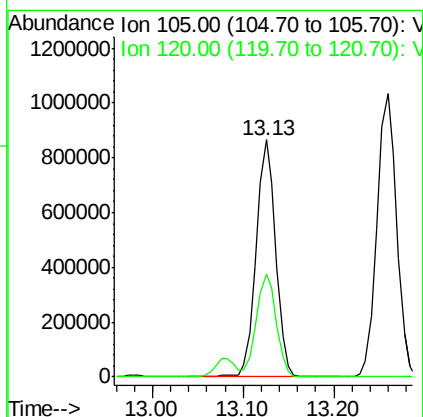
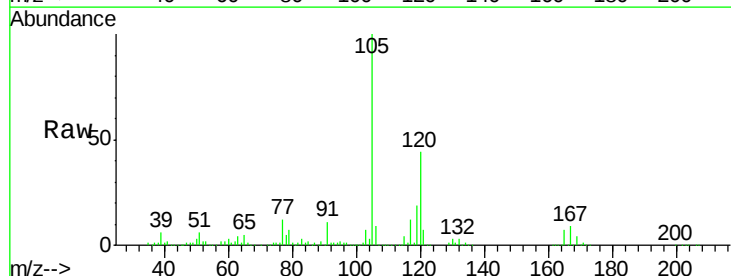
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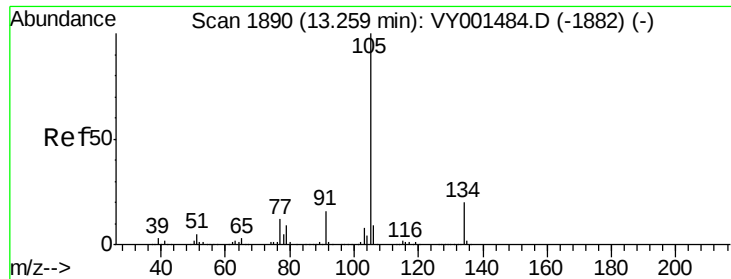
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#84
1,2,4-Trimethylbenzene
Concen: 130.675 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion:105 Resp: 1283619
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 131.232 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1547876

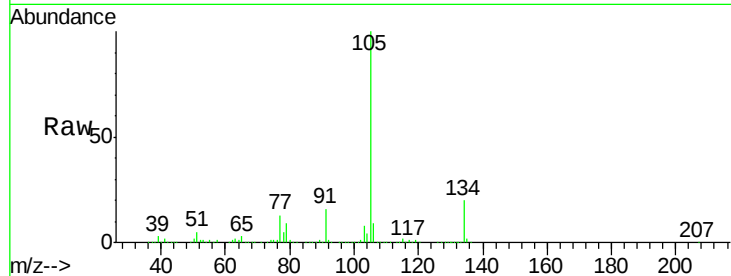
Ion Ratio Lower Upper

105 100

134 20.2 10.0 29.8

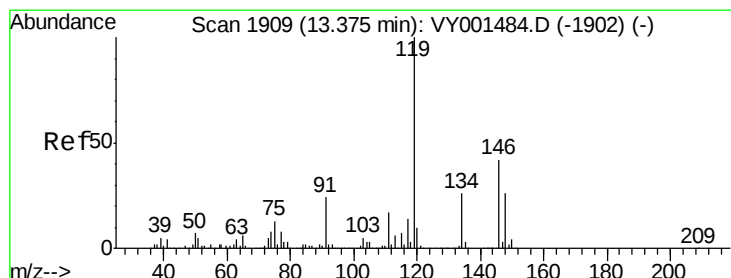
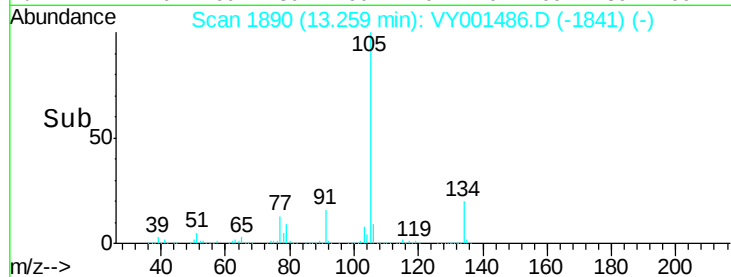
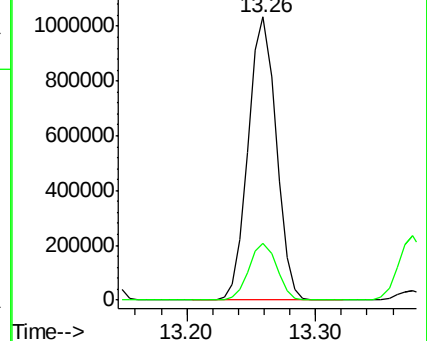
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 127.275 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

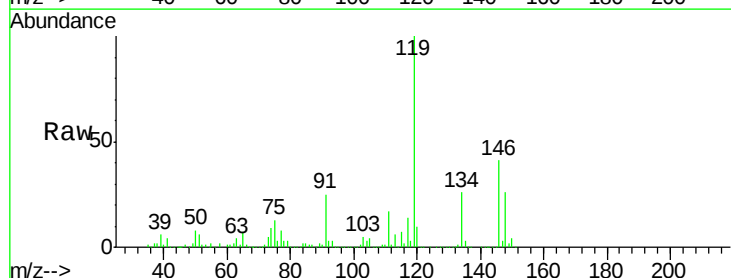
Tgt Ion:119 Resp: 1322904

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

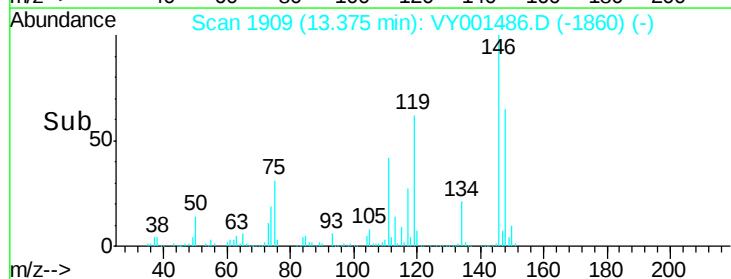
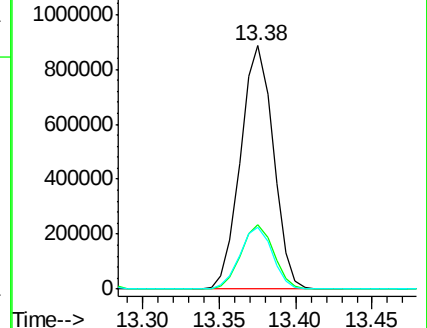
91 25.1 12.2 36.6

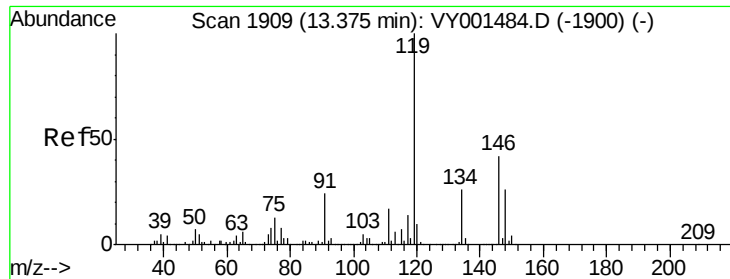


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





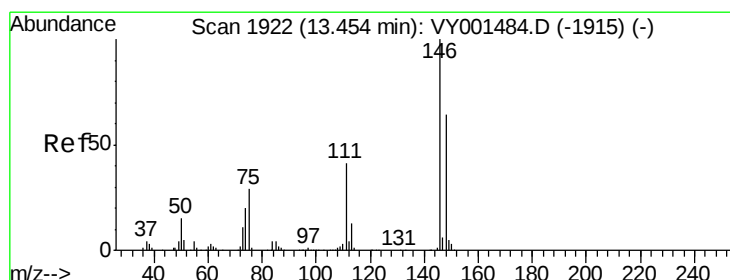
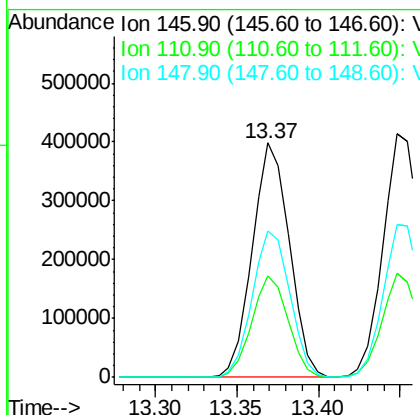
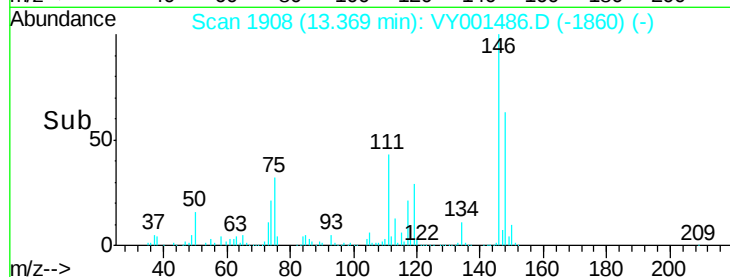
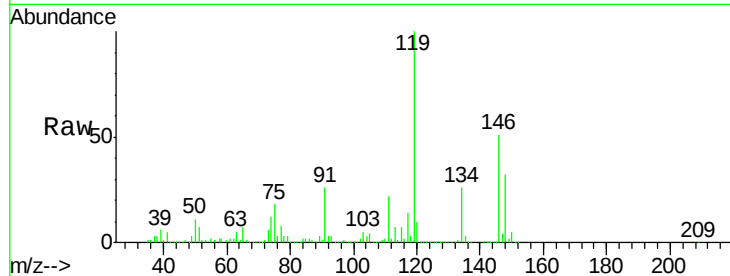
#87
 1,3-Dichlorobenzene
 Concen: 128.956 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.9
148	63.3	31.9	95.7

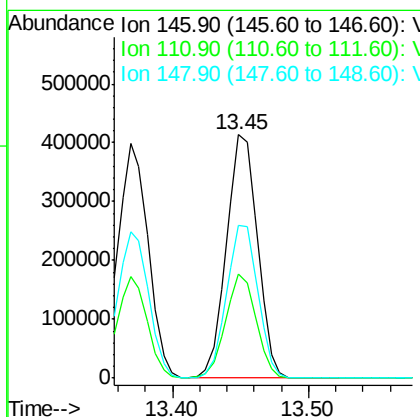
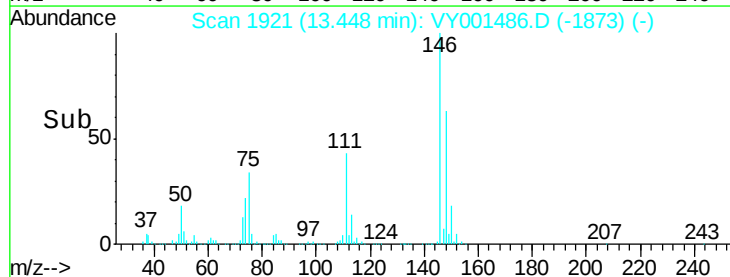
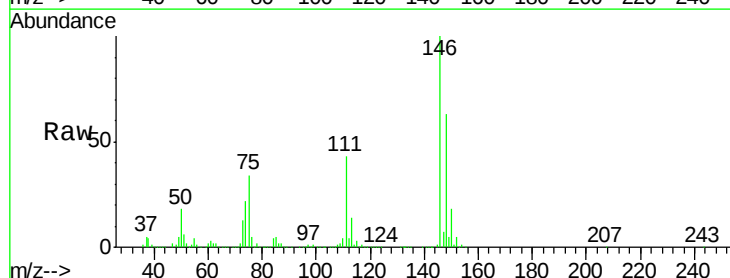
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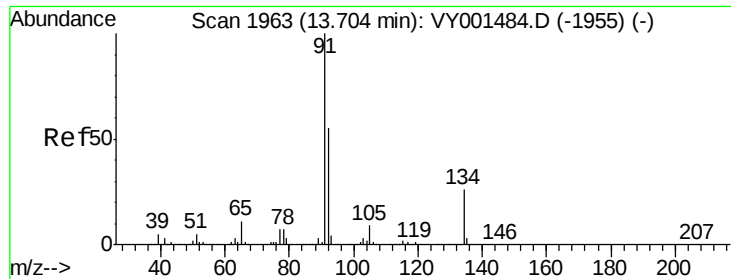
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#88
 1,4-Dichlorobenzene
 Concen: 134.012 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	63.5	32.1	96.5





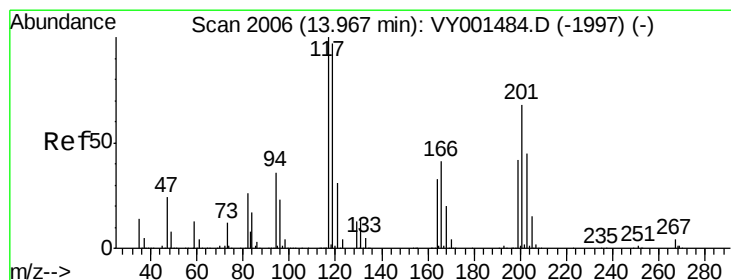
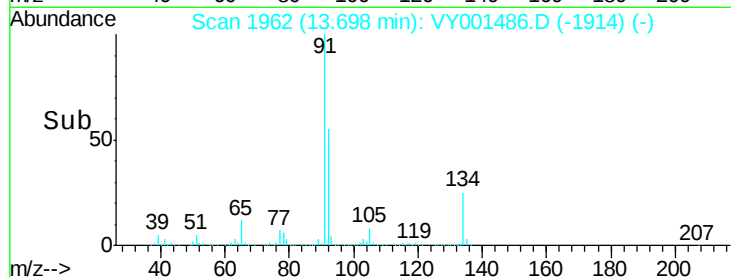
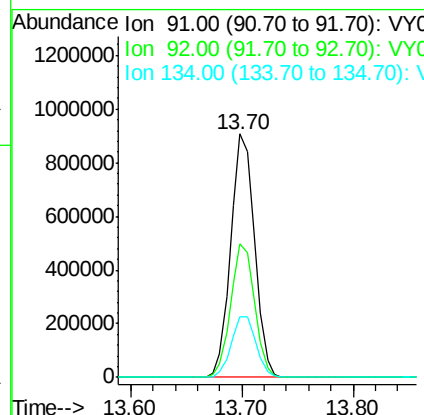
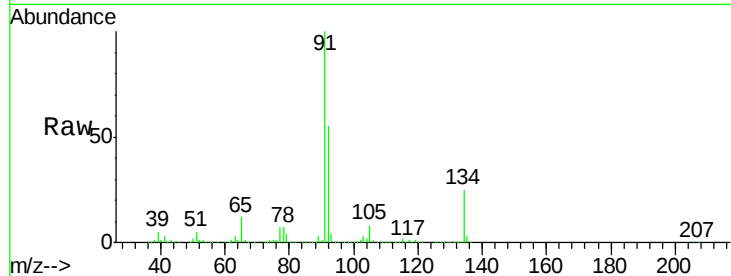
#89
n-Butylbenzene
Concen: 130.702 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1340411
Ion Ratio Lower Upper
91 100
92 54.9 27.3 81.9
134 25.9 13.0 38.9

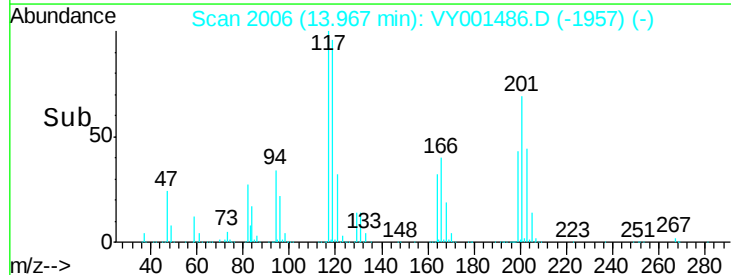
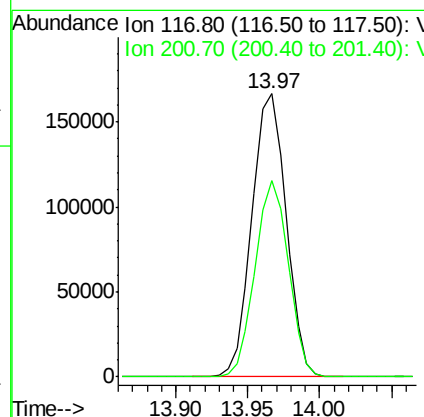
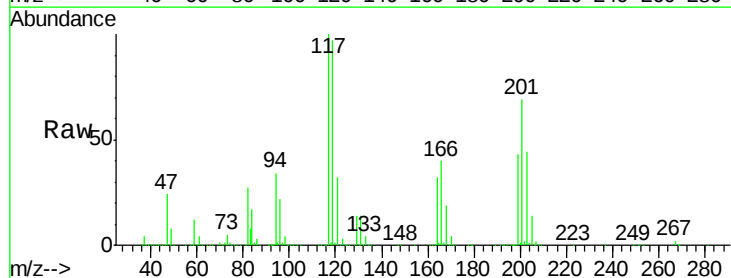
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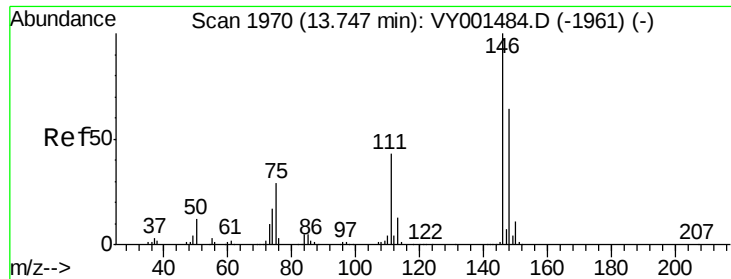
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#90
Hexachloroethane
Concen: 137.342 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001486.D
Acq: 04 Feb 2020 14:42

Tgt Ion: 117 Resp: 273995
Ion Ratio Lower Upper
117 100
201 67.5 34.1 102.3





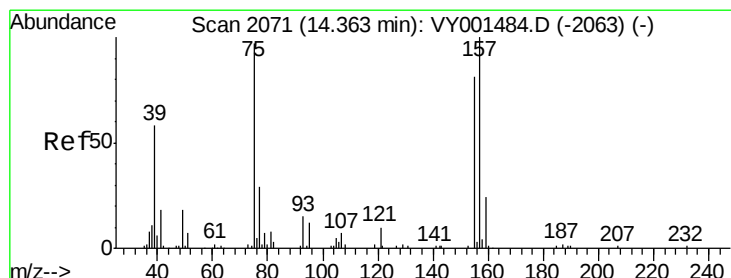
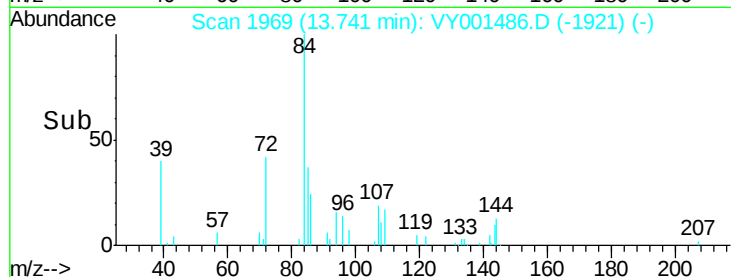
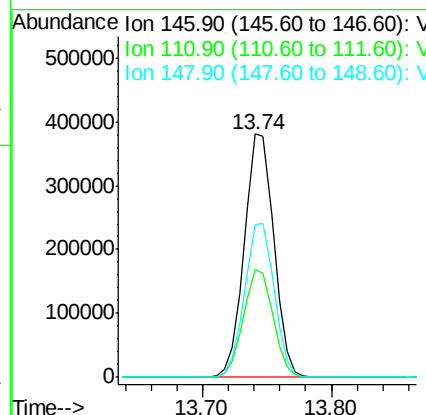
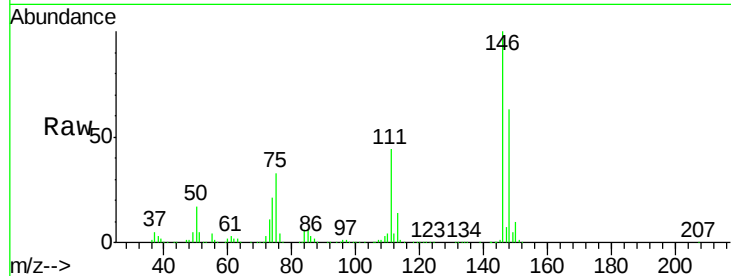
#91
 1,2-Dichlorobenzene
 Concen: 136.131 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.8
148	63.7	31.8	95.3

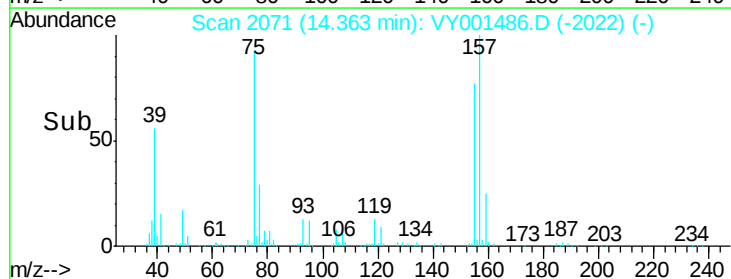
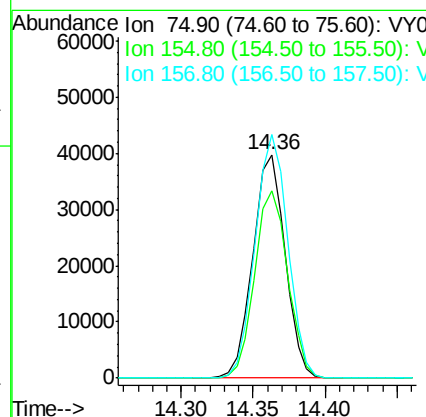
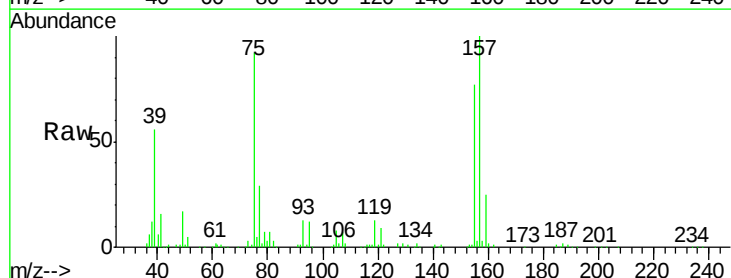
Manual Integrations
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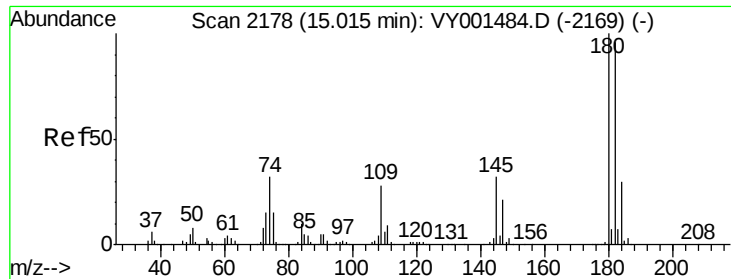
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 148.823 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	40.7	122.1
157	110.1	52.3	157.1





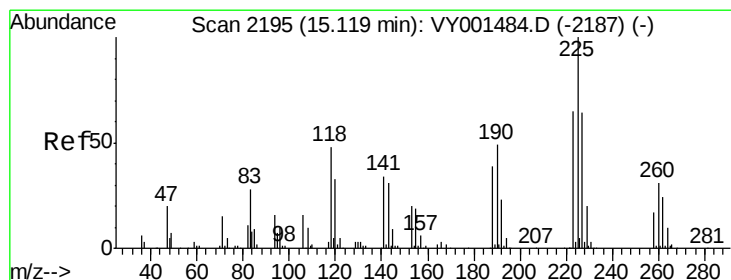
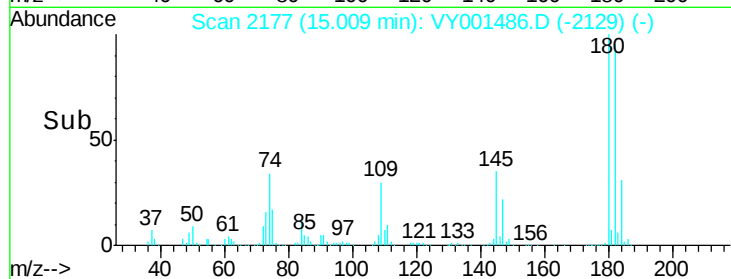
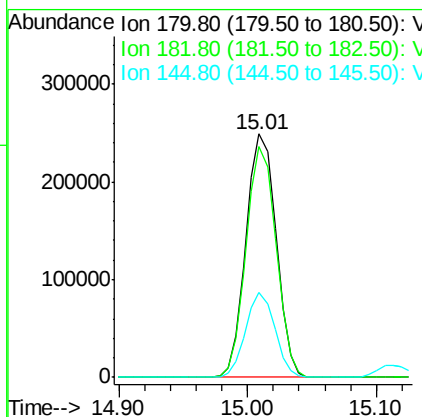
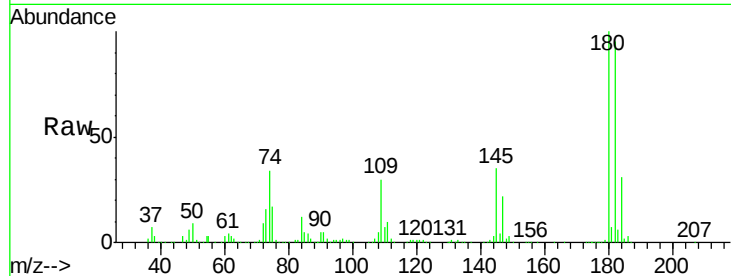
#93
 1,2,4-Trichlorobenzene
 Concen: 134.889 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	402622		
182	94.3	46.9	140.7	
145	33.9	16.8	50.3	

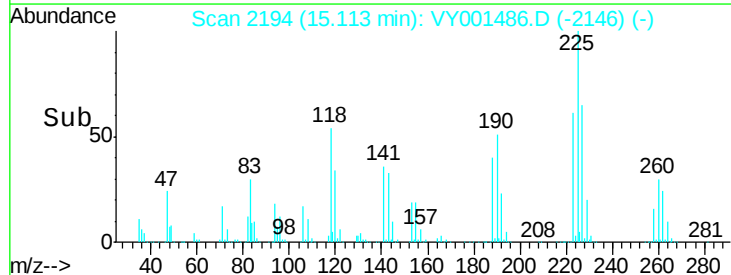
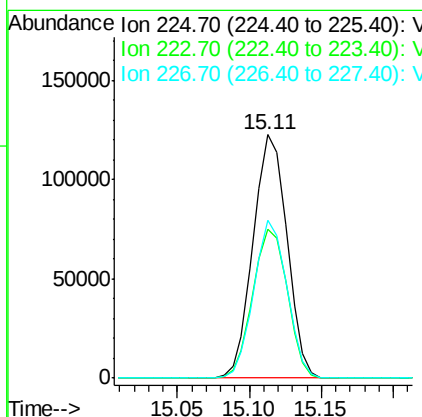
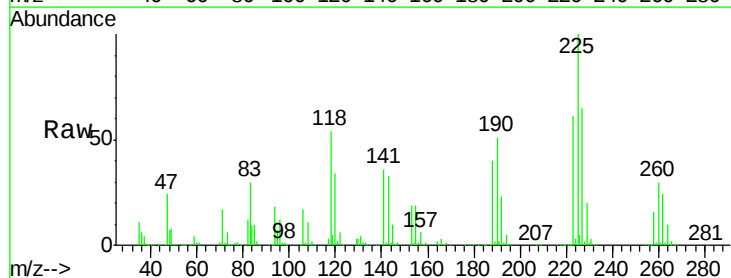
Manual Integrations
 APPROVED

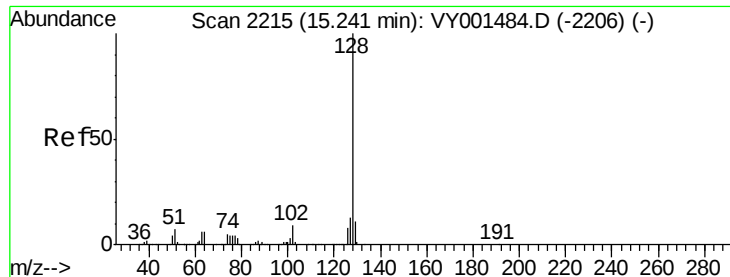
MMDadoda
 2/5/2020 12:23:49 PM



#94
 Hexachlorobutadiene
 Concen: 131.571 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001486.D
 Acq: 04 Feb 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199317		
223	62.7	31.9	95.7	
227	63.6	32.6	97.7	





#95

Naphthalene

Concen: 145.137 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1018129

Ion Ratio Lower Upper

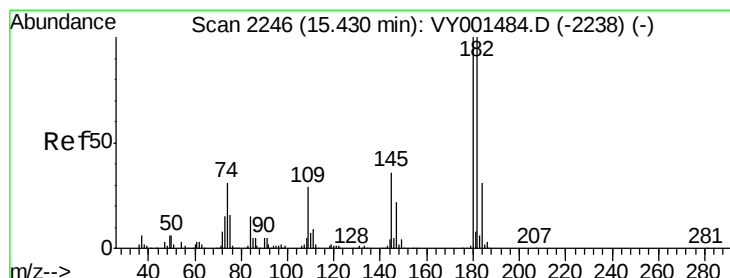
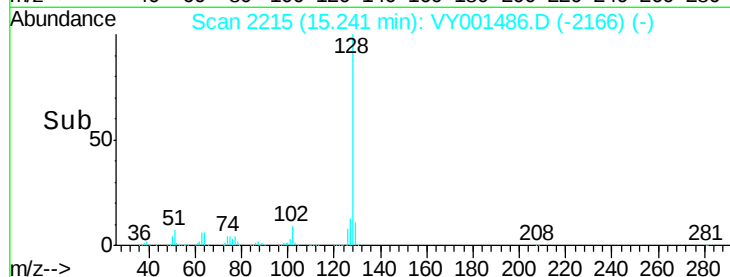
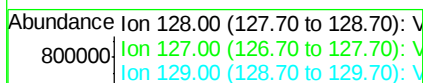
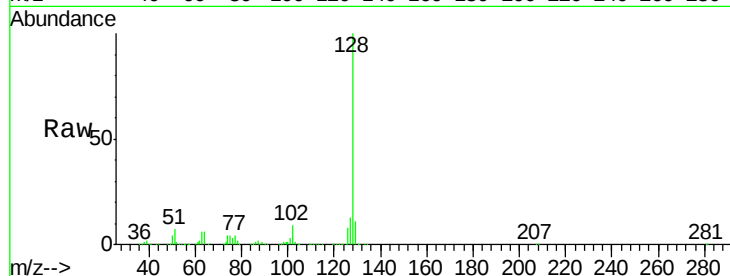
128 100

127 12.6 10.1 15.1

129 10.8 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:23:49 PM



#96

1,2,3-Trichlorobenzene

Concen: 138.827 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001486.D

Acq: 04 Feb 2020 14:42

Tgt Ion:180 Resp: 365781

Ion Ratio Lower Upper

180 100

182 94.2 48.0 144.2

145 35.4 17.8 53.5

