

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003562.D
 Acq On : 20 Nov 2020 12:02
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

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 11/23/2020 1:39:31 PM

Quant Time: Nov 21 00:55:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	256512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	228444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	243480	137.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	274.10%#
35) Dibromofluoromethane	7.72	113	233866	138.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	277.40%#
50) Toluene-d8	10.18	98	893069	136.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	272.42%#
62) 4-Bromofluorobenzene	12.48	95	294929	141.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	283.48%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	81660	161.941	ug/l	99
3) Chloromethane	2.12	50	163300	137.579	ug/l	100
4) Vinyl Chloride	2.26	62	216843	141.215	ug/l	100
5) Bromomethane	2.66	94	172076	133.970	ug/l	94
6) Chloroethane	2.80	64	160306	148.866	ug/l	93
7) Trichlorofluoromethane	3.13	101	198366	146.445	ug/l	96
8) Diethyl Ether	3.53	74	135225	137.633	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	213478	137.302	ug/l	100
10) Methyl Iodide	4.09	142	364027	135.687	ug/l	99
11) Tert butyl alcohol	5.03	59	89076	526.289	ug/l #	100
12) 1,1-Dichloroethene	3.87	96	234781	139.362	ug/l	98
13) Acrolein	3.74	56	120496	710.845	ug/l	99
14) Allyl chloride	4.48	41	405136	143.454	ug/l	99
15) Acrylonitrile	5.18	53	319048	690.216	ug/l	99
16) Acetone	3.97	43	418739	705.907	ug/l	100
17) Carbon Disulfide	4.20	76	650272	134.087	ug/l	100
18) Methyl Acetate	4.49	43	172324	133.538	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	343433	137.344	ug/l	99
20) Methylene Chloride	4.72	84	252049	111.883	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	256495	136.170	ug/l	95
22) Diisopropyl ether	6.13	45	720568	148.852	ug/l	97
23) Vinyl Acetate	6.07	43	2782294	739.437	ug/l	100
24) 1,1-Dichloroethane	6.02	63	449061	139.371	ug/l	99
25) 2-Butanone	7.00	43	538478	699.577	ug/l	100
26) 2,2-Dichloropropane	6.99	77	268411	127.391	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	283723	138.936	ug/l	100
28) Bromochloromethane	7.34	49	223618	141.777	ug/l	100
29) Tetrahydrofuran	7.36	42	280547	695.738	ug/l	99
30) Chloroform	7.51	83	443893	138.056	ug/l	96
31) Cyclohexane	7.79	56	346686	134.981	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	351686	141.545	ug/l	100
36) 1,1-Dichloropropene	7.93	75	350602	138.833	ug/l	98
37) Ethyl Acetate	7.08	43	216279	142.121	ug/l	98
38) Carbon Tetrachloride	7.91	117	340280	145.459	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	387564	151.015	ug/l	99
40) Benzene	8.16	78	1017582	135.929	ug/l	98
41) Methacrylonitrile	7.32	41	106397m	142.190	ug/l	
42) 1,2-Dichloroethane	8.24	62	293757	137.939	ug/l	99
43) Isopropyl Acetate	8.28	43	402863	144.172	ug/l	99
44) Trichloroethene	8.94	130	277741	136.158	ug/l	99
45) 1,2-Dichloropropane	9.22	63	255369	137.614	ug/l	99
46) Dibromomethane	9.31	93	143383	135.678	ug/l	99
47) Bromodichloromethane	9.50	83	351980	140.224	ug/l	100
48) Methyl methacrylate	9.29	41	192054	143.581	ug/l	98
49) 1,4-Dioxane	9.33	88	35169	2904.499	ug/l #	90
51) 4-Methyl-2-Pentanone	10.07	43	982522	733.647	ug/l	100
52) Toluene	10.24	92	637712	139.128	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	378571	144.099	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	422788	141.393	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	203281	135.619	ug/l	95
56) Ethyl methacrylate	10.51	69	283843	155.825	ug/l	99
57) 1,3-Dichloropropane	10.79	76	355521	140.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	695949	744.496	ug/l	100
59) 2-Hexanone	10.83	43	799247	723.951	ug/l	99
60) Dibromochloromethane	10.99	129	254369	140.353	ug/l	99
61) 1,2-Dibromoethane	11.09	107	198735	137.584	ug/l	100
64) Tetrachloroethene	10.72	164	231573	135.710	ug/l	96
65) Chlorobenzene	11.52	112	682890	138.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	200768	141.564	ug/l	99
67) Ethyl Benzene	11.59	91	1175336	145.125	ug/l	99
68) m/p-Xylenes	11.70	106	885652	285.585	ug/l	97
69) o-Xylene	12.03	106	362436	146.106	ug/l	100
70) Styrene	12.04	104	733558	146.721	ug/l	99
71) Bromoform	12.20	173	161955	141.411	ug/l #	100
73) Isopropylbenzene	12.33	105	804521	147.631	ug/l	100
74) N-amyl acetate	12.14	43	335869	155.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	212207	139.938	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	142708m	127.938	ug/l	
77) Bromobenzene	12.61	156	281483	140.390	ug/l	98
78) n-propylbenzene	12.67	91	1116683	145.858	ug/l	99
79) 2-Chlorotoluene	12.75	91	629756	142.505	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	565840	138.148	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	96359	144.422	ug/l	98
82) 4-Chlorotoluene	12.85	91	780745	144.198	ug/l	99
83) tert-Butylbenzene	13.07	119	598354	144.322	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	614574	140.923	ug/l	99
85) sec-Butylbenzene	13.25	105	627557	133.726	ug/l	100
86) p-Isopropyltoluene	13.36	119	561113	133.258	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	506474	138.771	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	514980	137.691	ug/l	99
89) n-Butylbenzene	13.69	91	653374	145.015	ug/l	99
90) Hexachloroethane	13.95	117	152492	136.961	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	400942	137.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	27269	138.062	ug/l	98

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ClientSampleId :
VSTDICC150

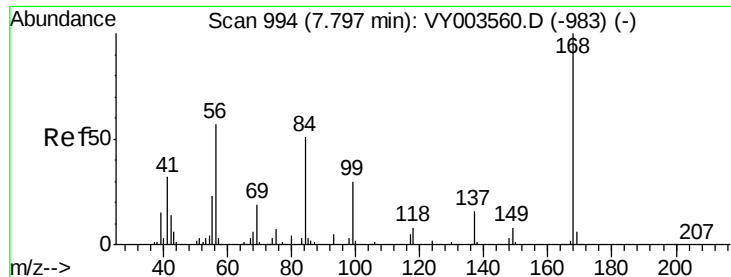
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	244103	149.409	ug/l	100
94) Hexachlorobutadiene	15.11	225	103278	111.207	ug/l	99
95) Naphthalene	15.23	128	428677	153.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	173298	144.294	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 171102

Ion Ratio Lower Upper

168 100

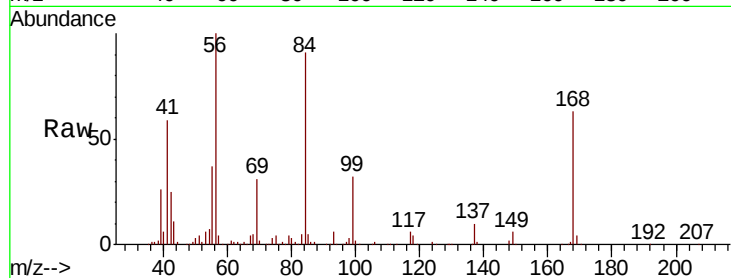
99 50.9 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

100000

80000

60000

40000

20000

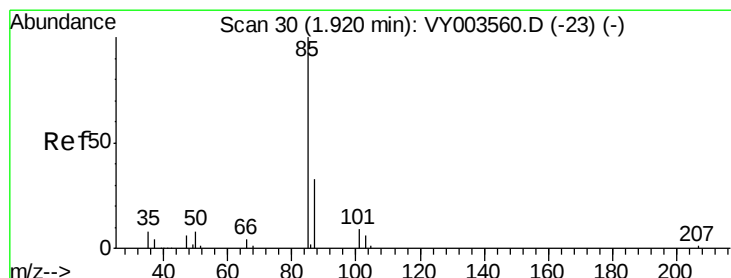
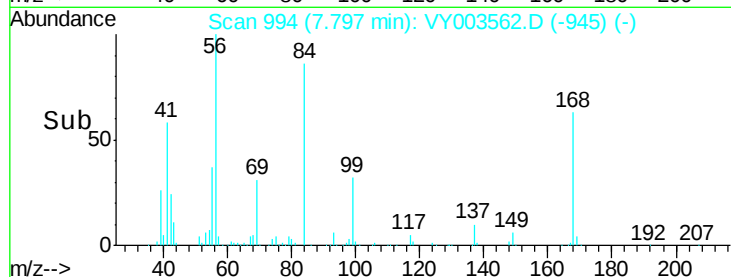
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 161.941 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003562.D

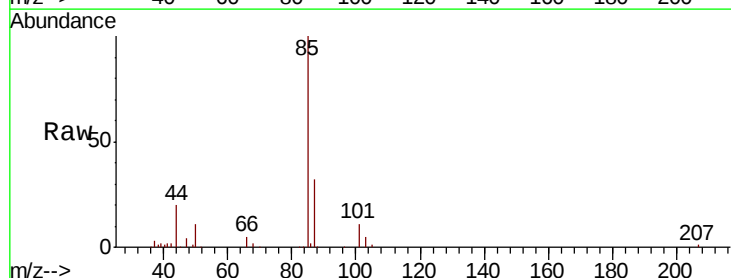
Acq: 20 Nov 2020 12:02

Tgt Ion: 85 Resp: 81660

Ion Ratio Lower Upper

85 100

87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003560.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY003560.D (-23) (-)

30000

25000

20000

15000

10000

5000

0

1.80

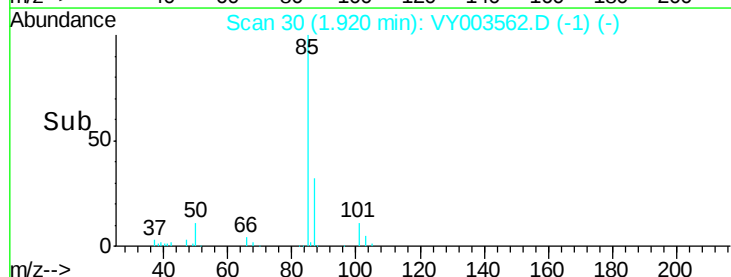
1.90

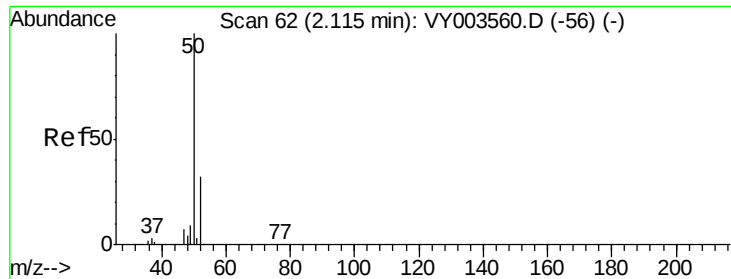
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 137.579 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 163300

Ion Ratio Lower Upper

50 100

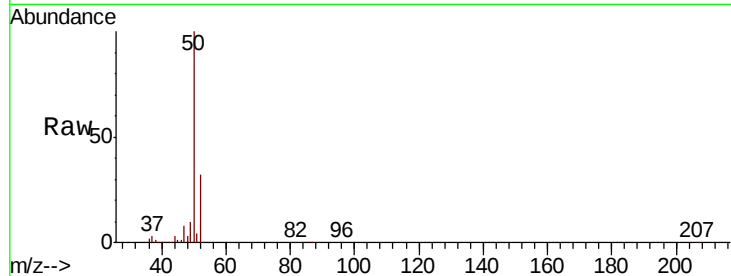
52 32.1 25.8 38.6

Manual Integrations

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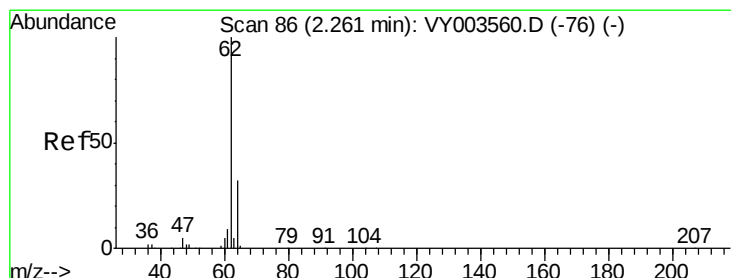
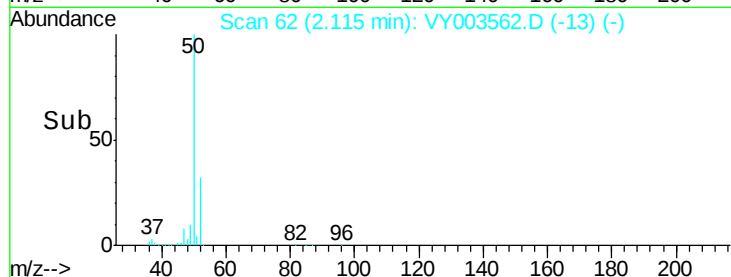
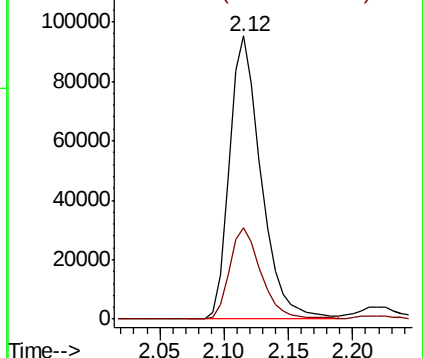
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 141.215 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003562.D

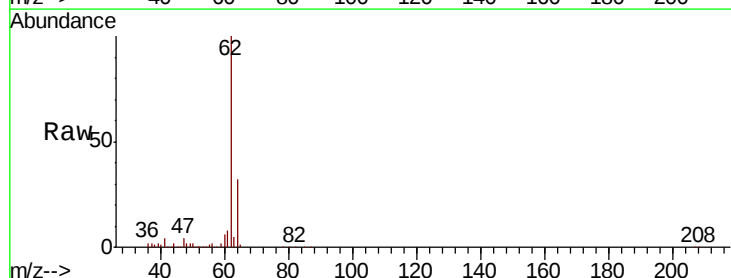
Acq: 20 Nov 2020 12:02

Tgt Ion: 62 Resp: 216843

Ion Ratio Lower Upper

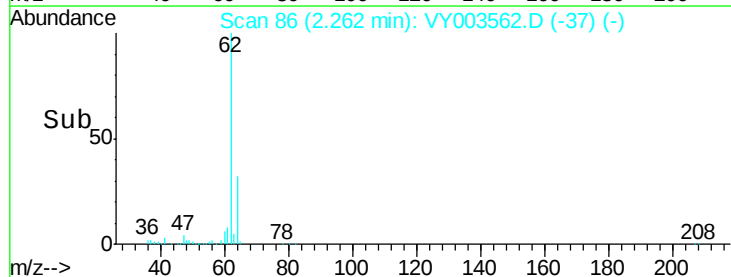
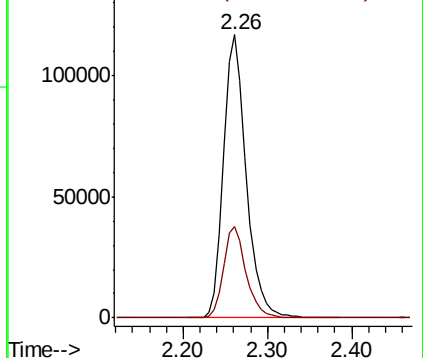
62 100

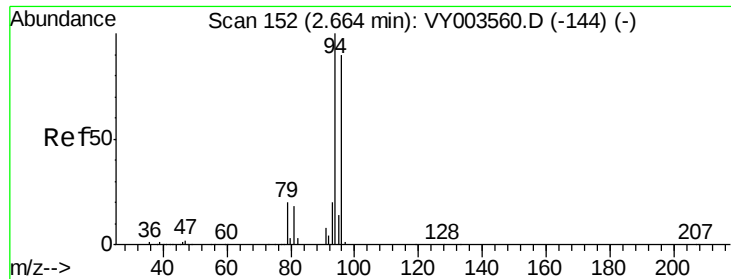
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





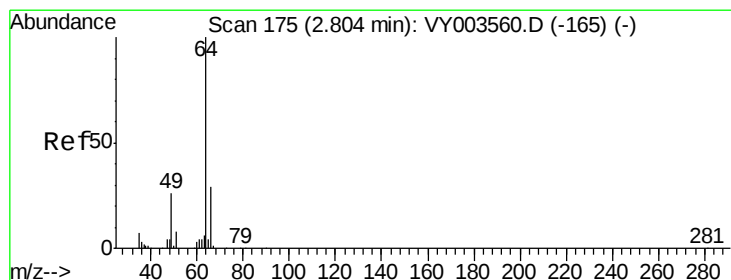
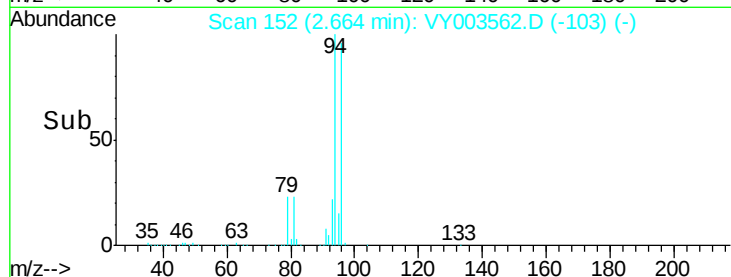
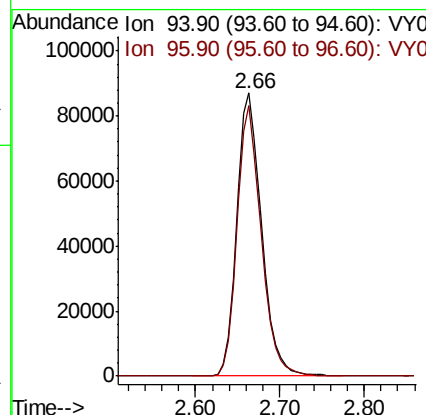
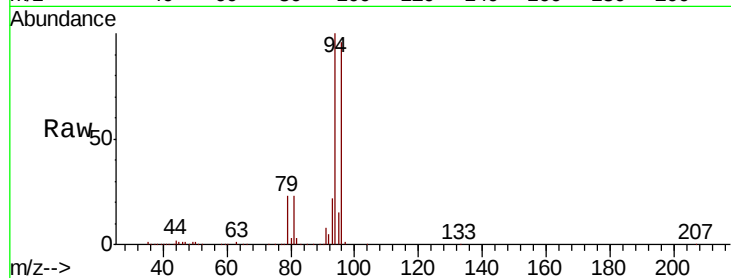
#5
Bromomethane
Concen: 133.970 ug/l
RT: 2.66 min Scan# 152
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
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VSTDIC150

Tot Ion	Ratio	Lower	Upper
94	100		
96	95.7	71.9	107.9

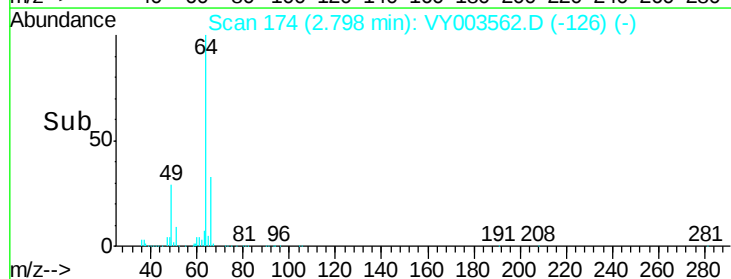
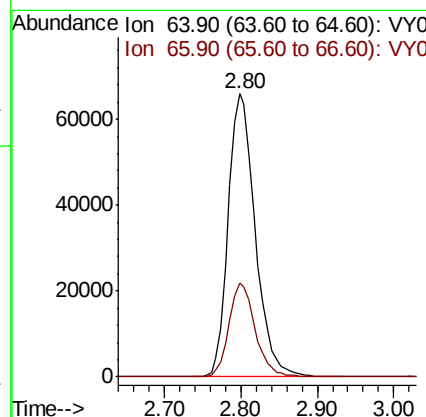
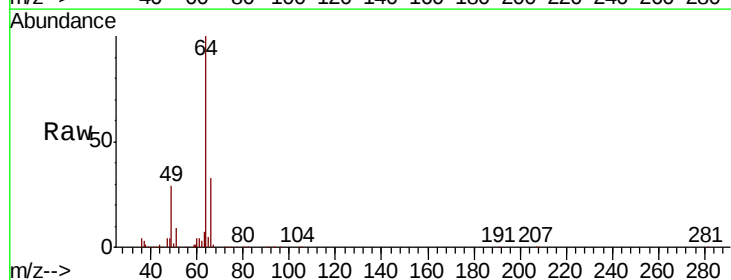
Manual Integrations
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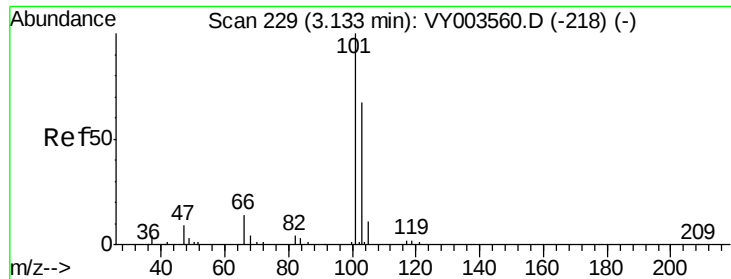
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#6
Chloroethane
Concen: 148.866 ug/l
RT: 2.80 min Scan# 174
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
64	100		
66	33.0	23.6	35.4





#7

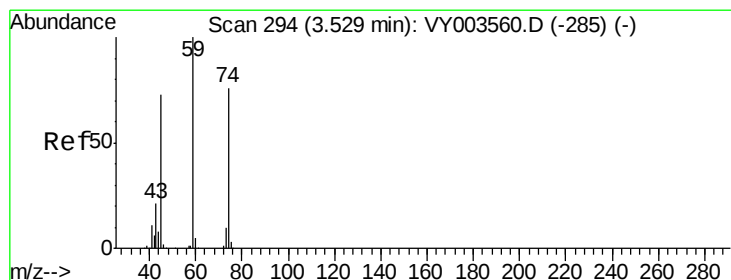
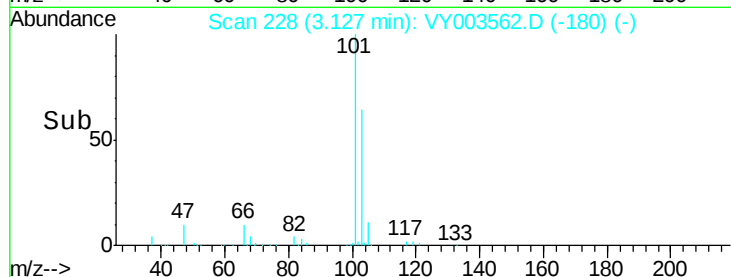
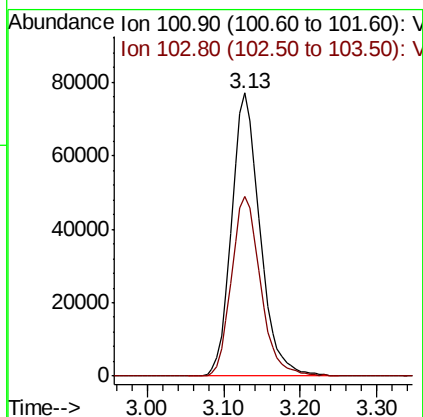
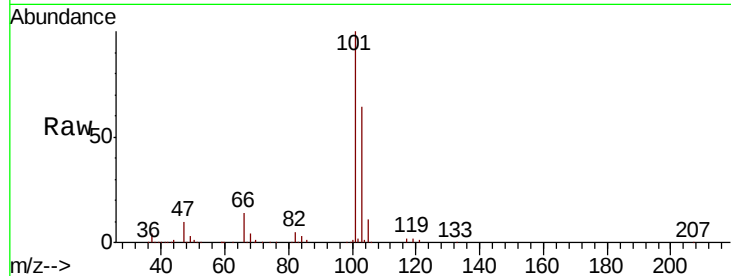
Trichlorofluoromethane
Concen: 146.445 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	53.3	79.9

Manual Integrations
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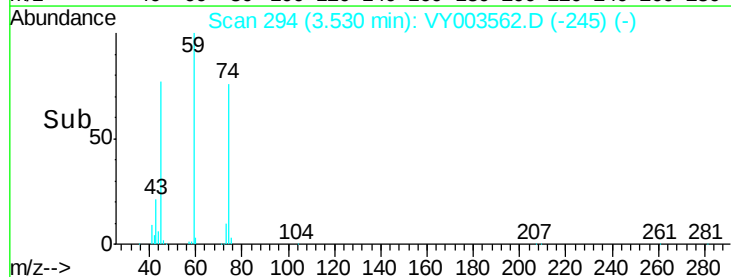
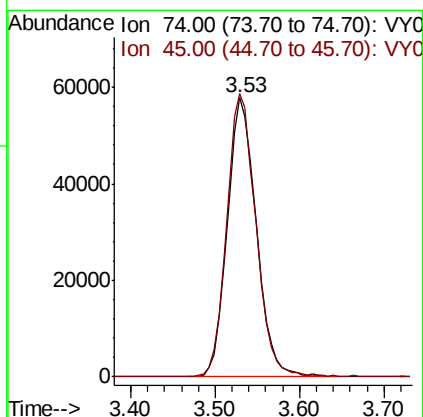
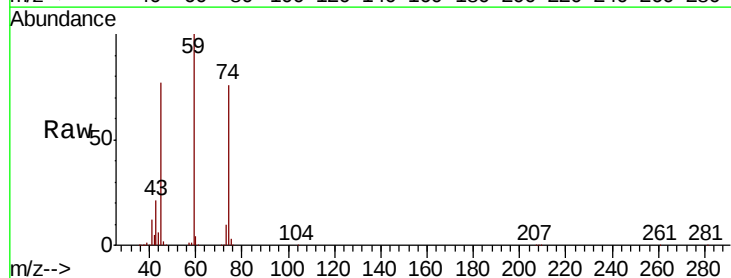
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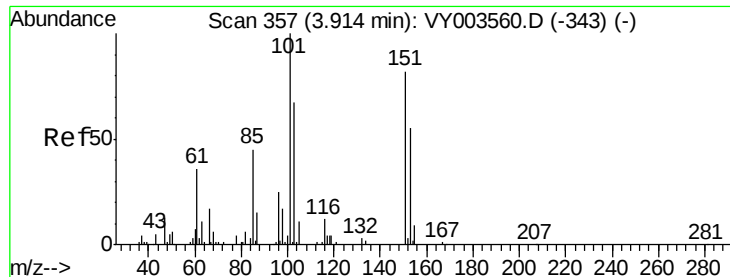


#8

Diethyl Ether
Concen: 137.633 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003562.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	51.0	153.0





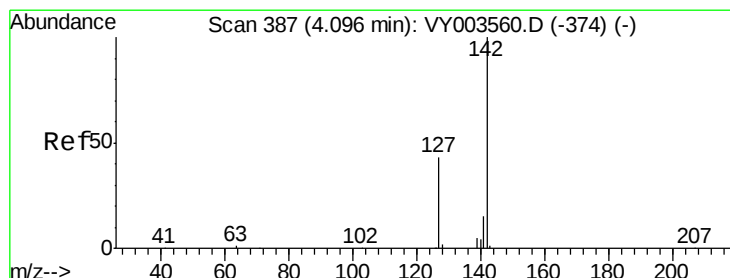
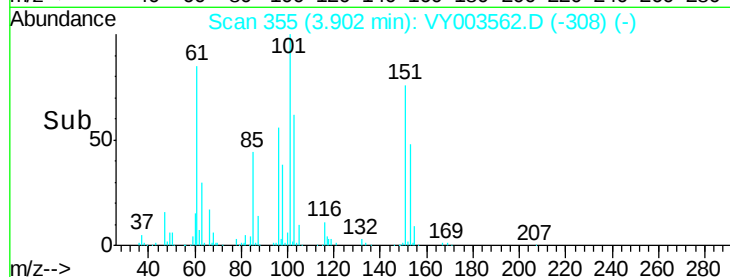
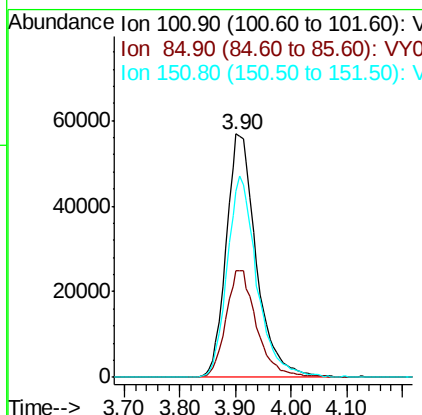
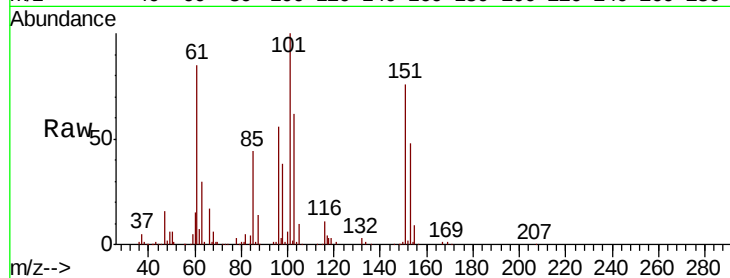
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 137.302 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.01 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	213478		
85	44.6	35.9	53.9	
151	81.5	65.4	98.0	

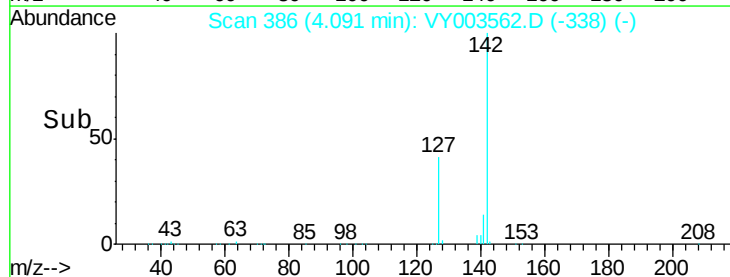
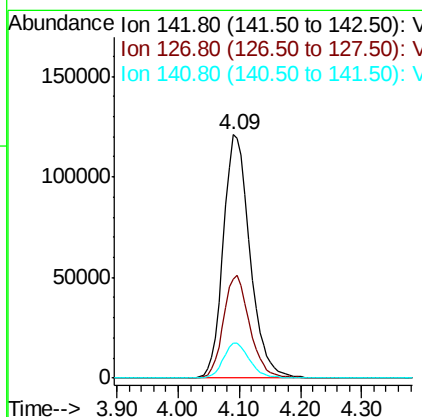
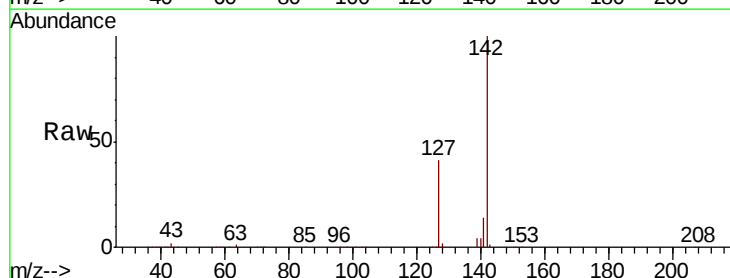
Manual Integrations
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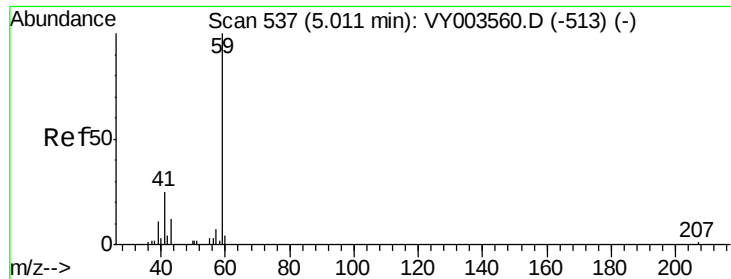
MMDadoda
 11/23/2020 1:39:31 PM



#10
 Methyl Iodide
 Concen: 135.687 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	364027		
127	41.8	34.2	51.2	
141	14.2	11.5	17.3	





#11

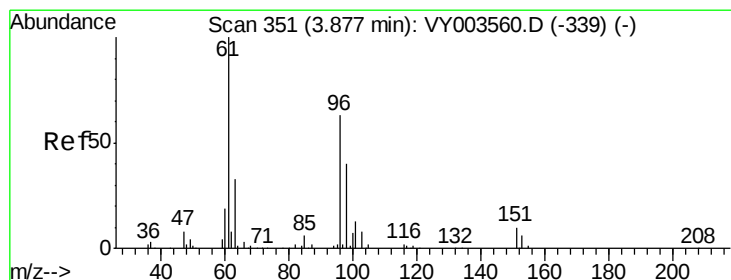
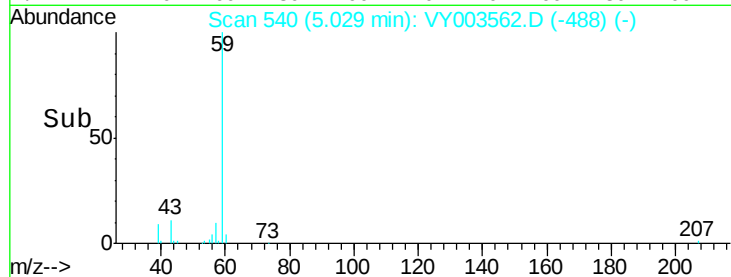
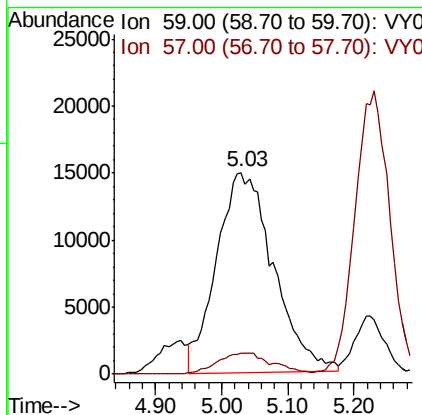
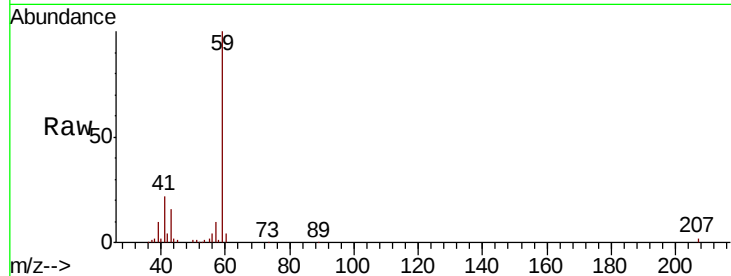
Tert butyl alcohol
Concen: 526.289 ug/l
RT: 5.03 min Scan# 540
Delta R.T. 0.02 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		89076		
57	10.4		0.0	0.0	0.0

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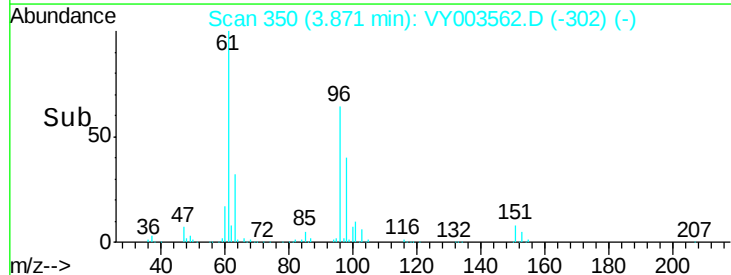
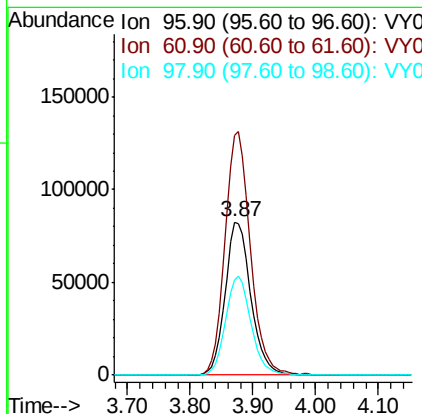
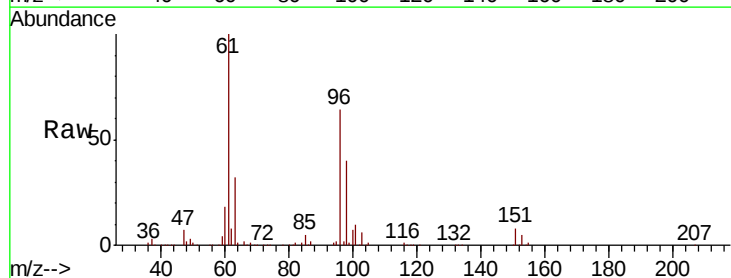
MMDadoda
11/23/2020 1:39:31 PM

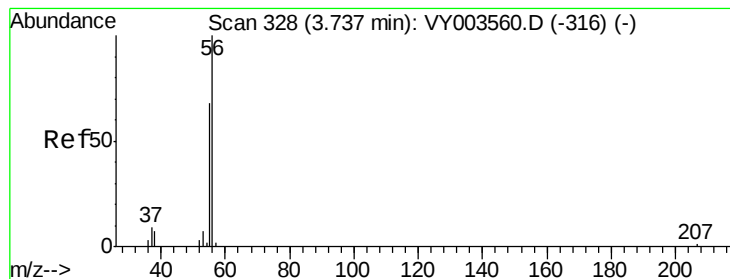


#12

1,1-Dichloroethene
Concen: 139.362 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		234781		
61	156.2		127.3	190.9	
98	62.2		50.6	76.0	





#13

Acrolein

Concen: 710.845 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 120496

Ion Ratio Lower Upper

56 100

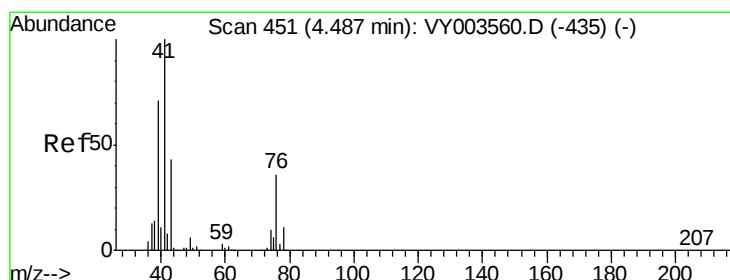
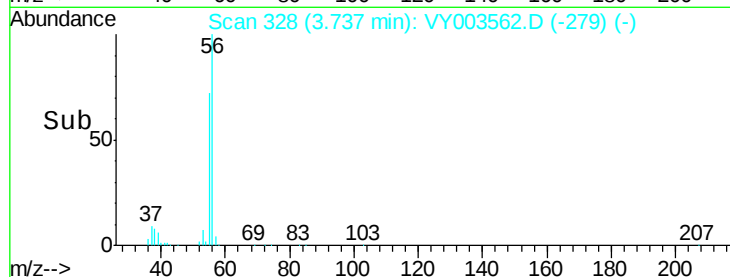
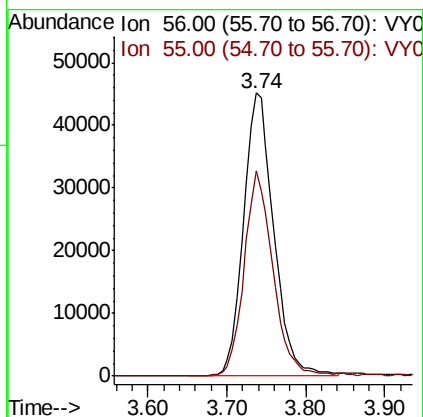
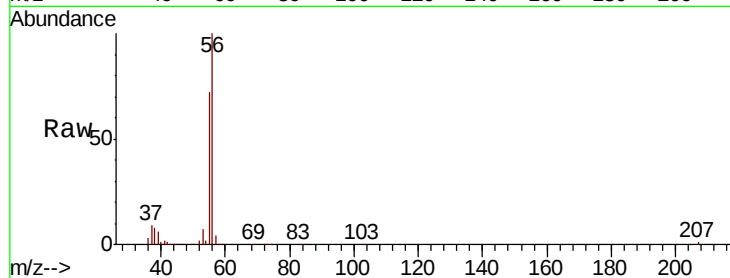
55 68.9 54.6 81.8

Manual Integrations

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#14

Allyl chloride

Concen: 143.454 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

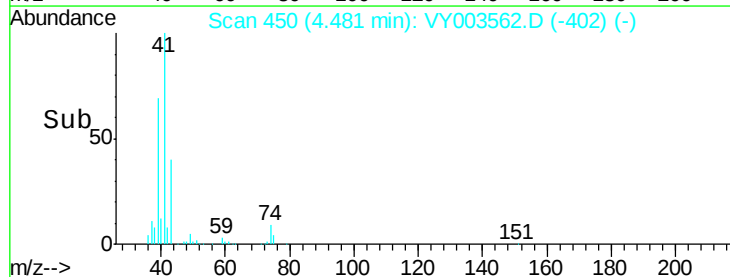
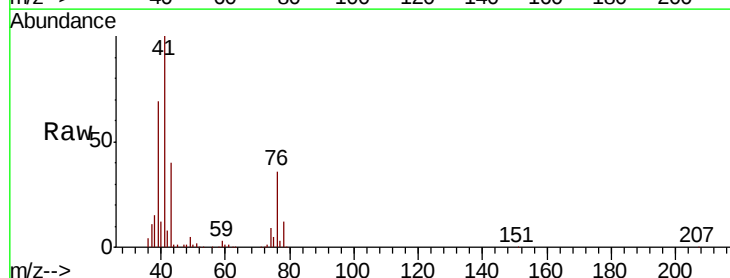
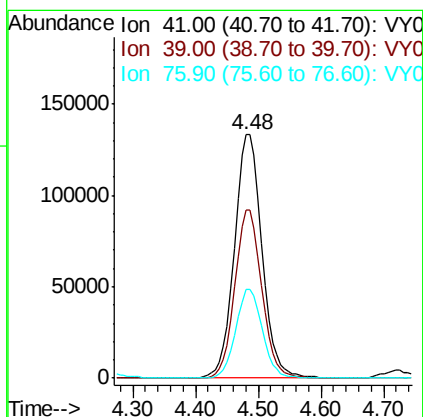
Tgt Ion: 41 Resp: 405136

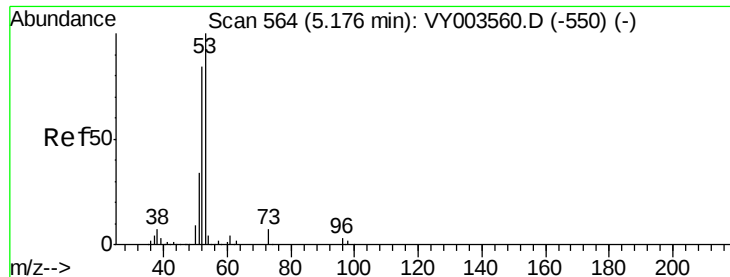
Ion Ratio Lower Upper

41 100

39 67.8 54.2 81.2

76 35.3 28.9 43.3





#15

Acrylonitrile

Concen: 690.216 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

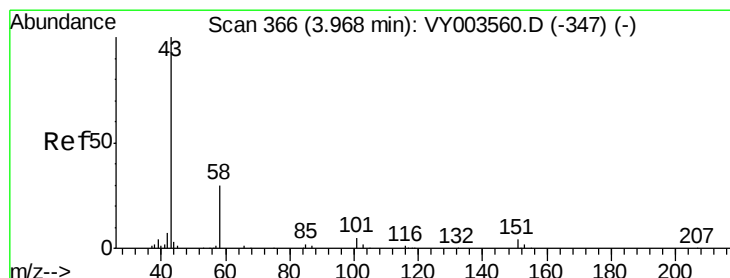
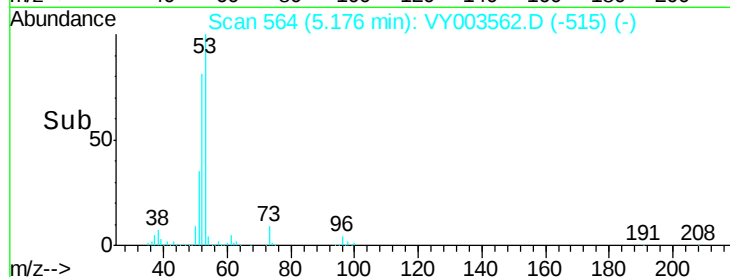
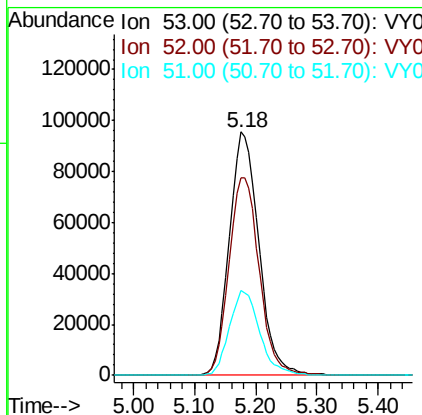
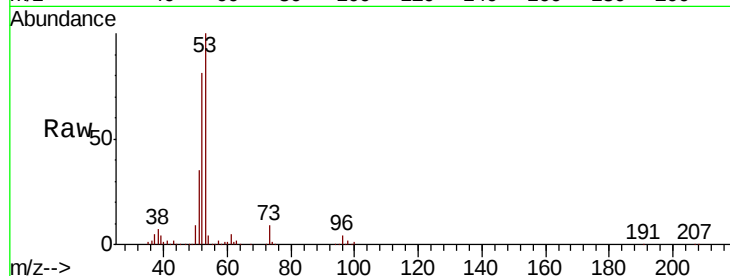
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	319048
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	35.4	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 705.907 ug/l

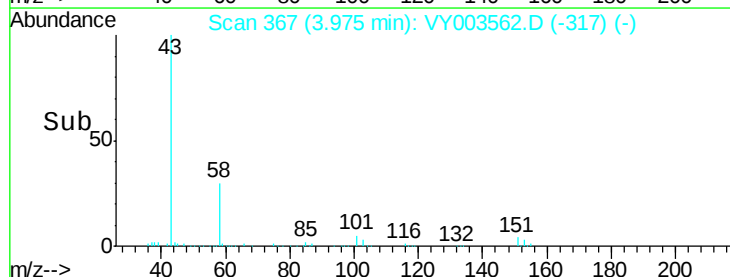
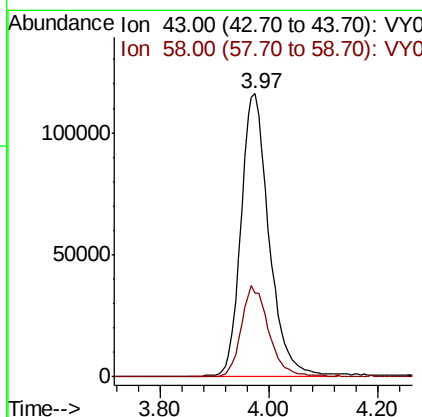
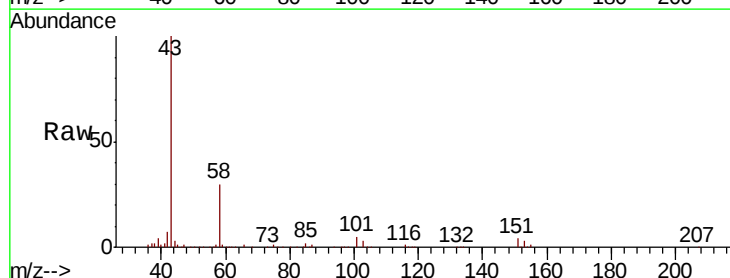
RT: 3.97 min Scan# 367

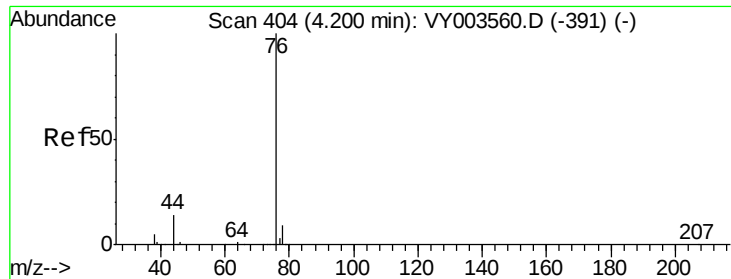
Delta R.T. 0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion:	43	Resp:	418739
Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.8	35.8





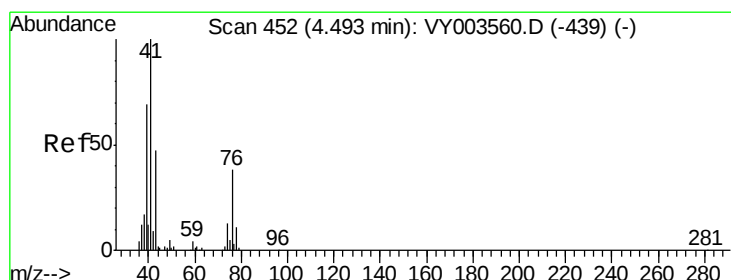
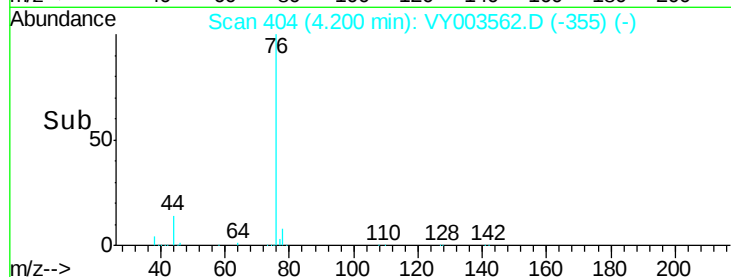
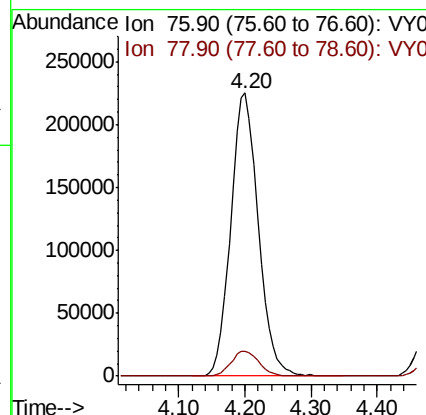
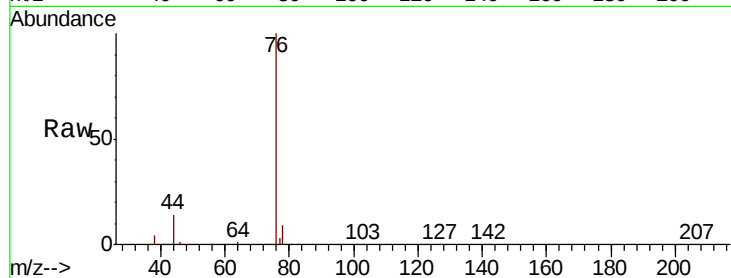
#17
Carbon Disulfide
Concen: 134.087 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

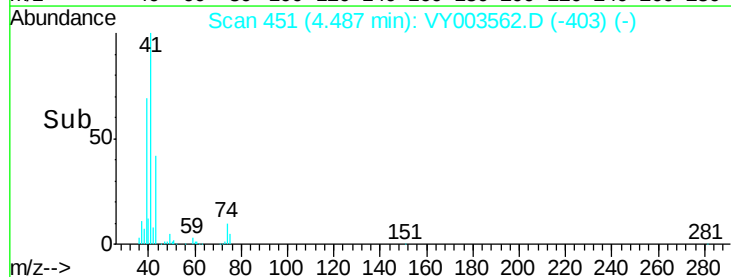
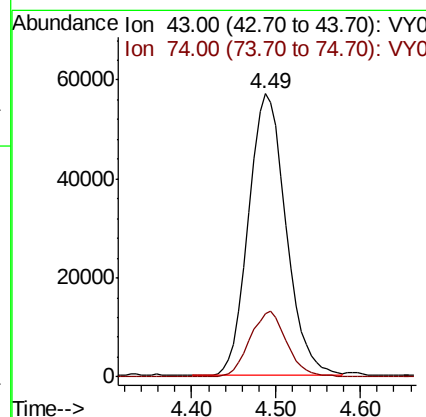
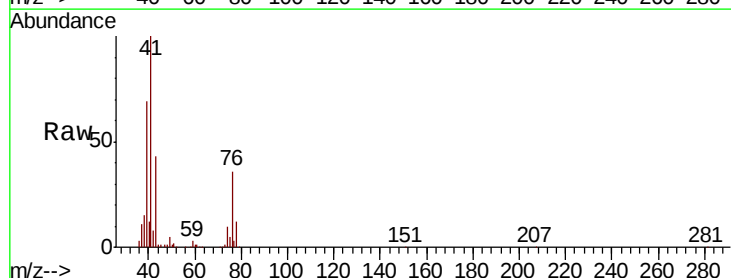
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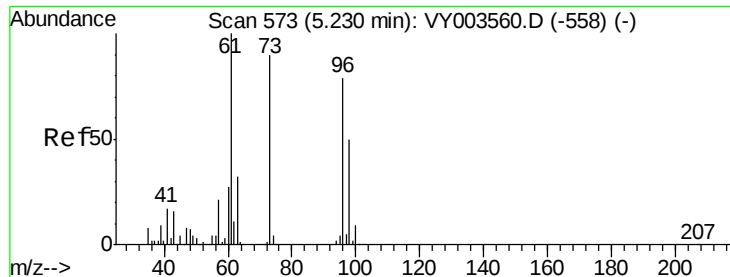
MMDadoda
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#18
Methyl Acetate
Concen: 133.538 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.9	28.3





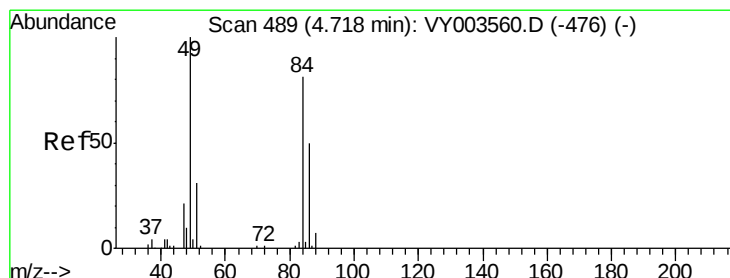
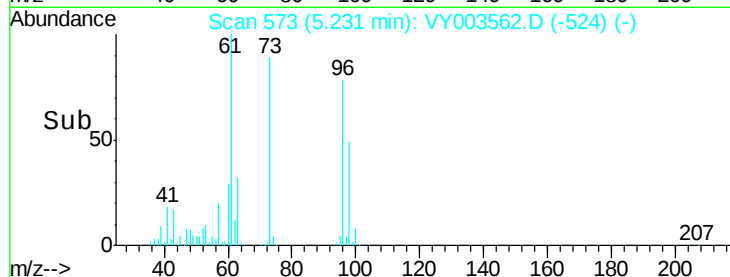
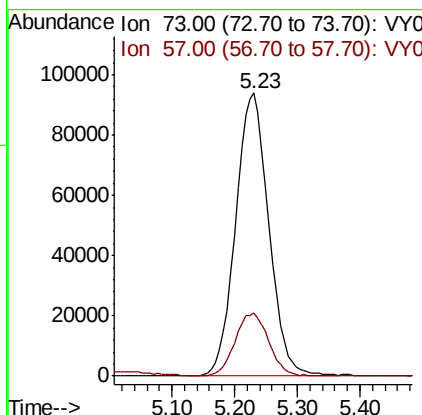
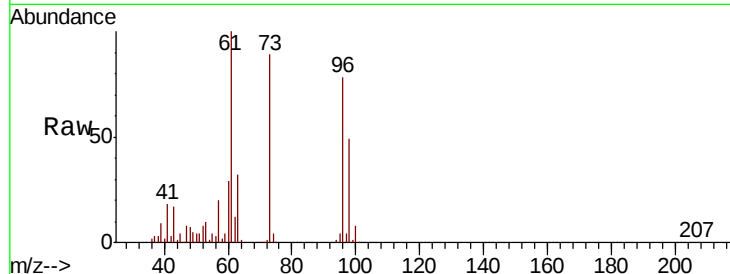
#19
Methvl tert-butvl Ether
Concen: 137.344 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.2	27.2

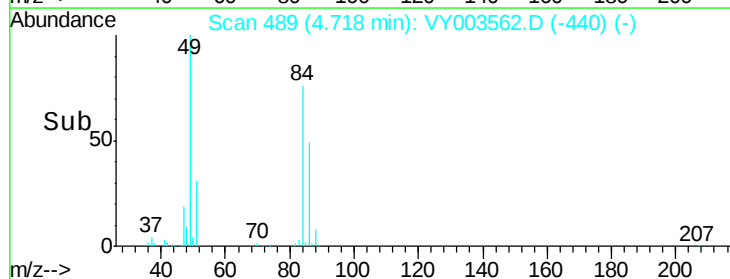
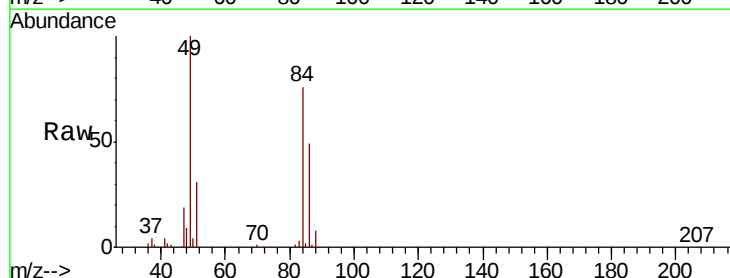
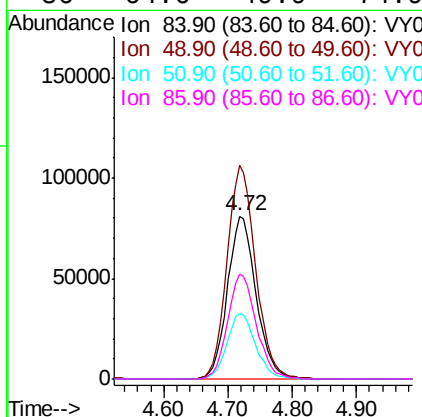
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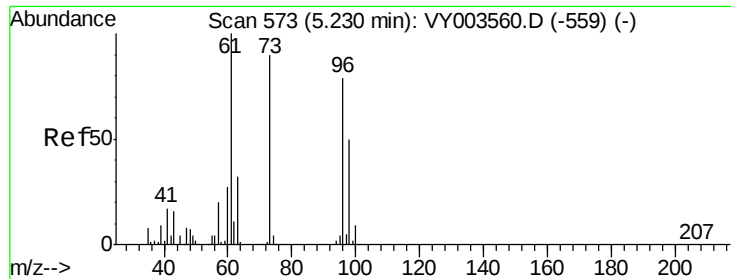
MMDadoda
11/23/2020 1:39:31 PM



#20
Methylene Chloride
Concen: 111.883 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.9	99.0	148.6
51	40.0	30.5	45.7
86	64.6	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 136.170 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

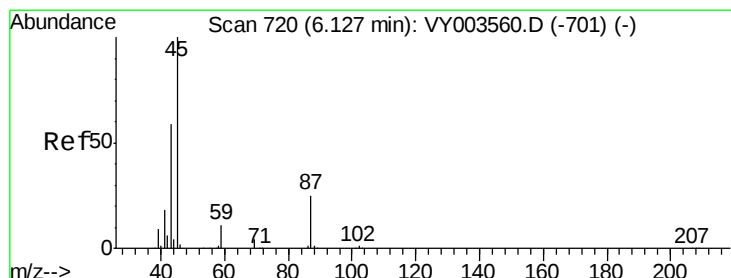
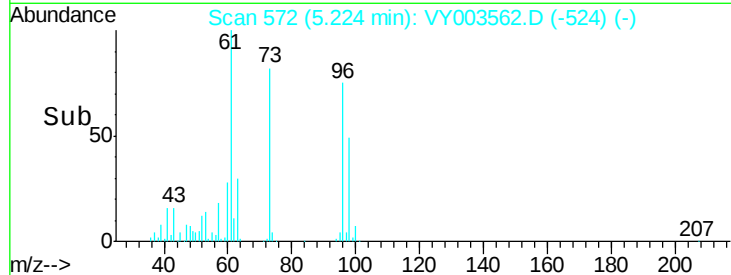
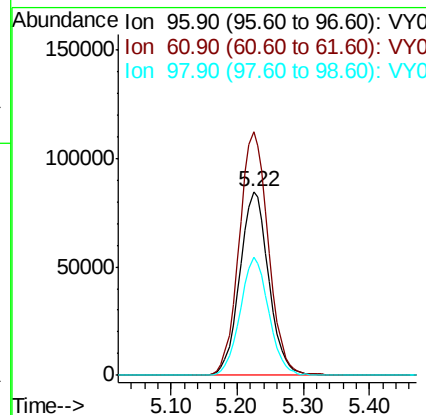
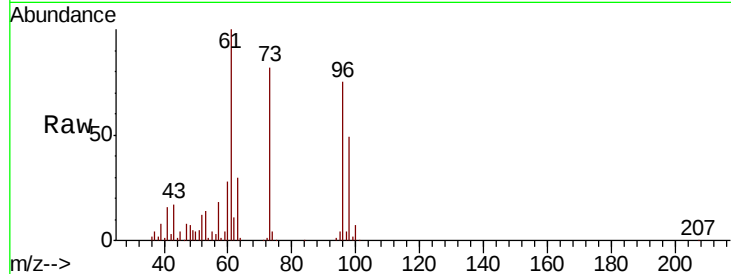
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	256495
Ion	Ratio	Lower	Upper
96	100		
61	132.7	101.0	151.4
98	64.4	50.2	75.2

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#22

Diisopropyl ether

Concen: 148.852 ug/l

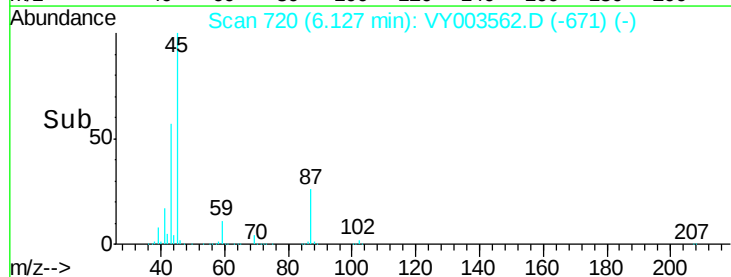
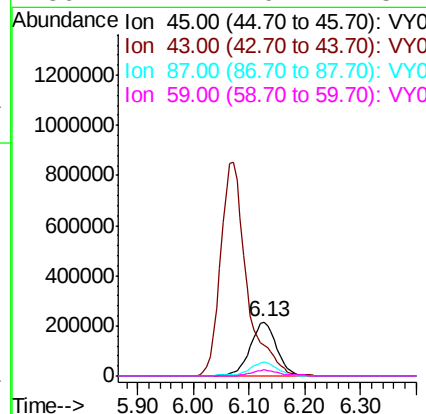
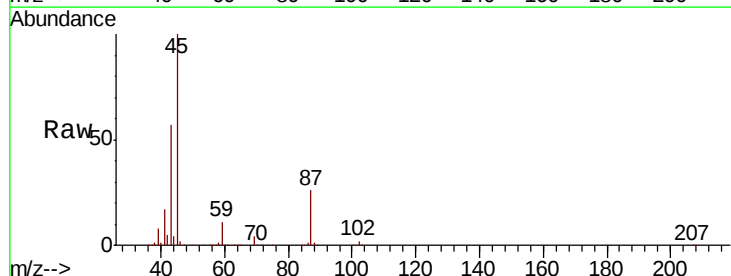
RT: 6.13 min Scan# 720

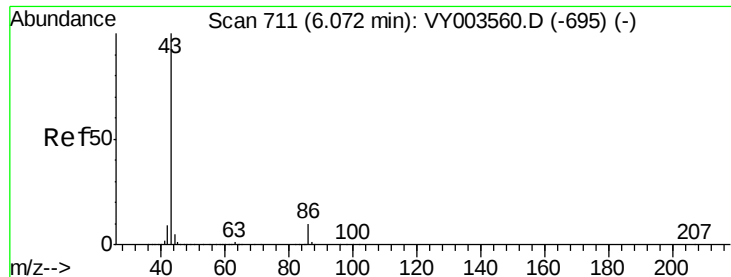
Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion:	45	Resp:	720568
Ion	Ratio	Lower	Upper
45	100		
43	56.6	48.1	72.1
87	25.7	20.3	30.5
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 739.437 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2782294

Ion Ratio Lower Upper

43 100

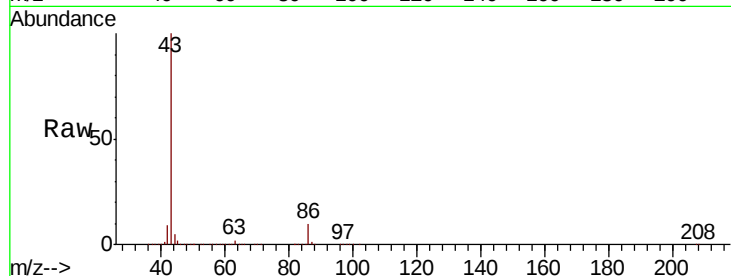
86 10.1 8.0 12.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

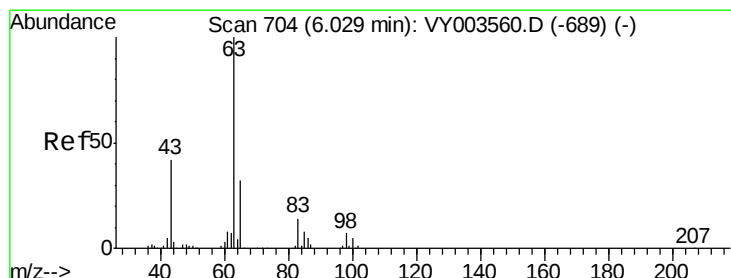
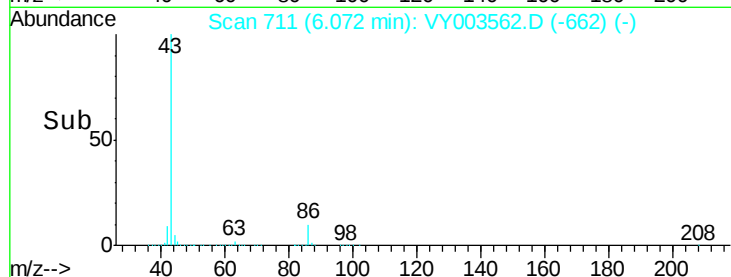
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 139.371 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

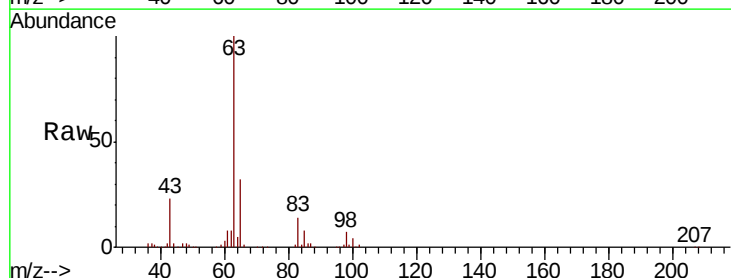
Tgt Ion: 63 Resp: 449061

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.4 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

200000

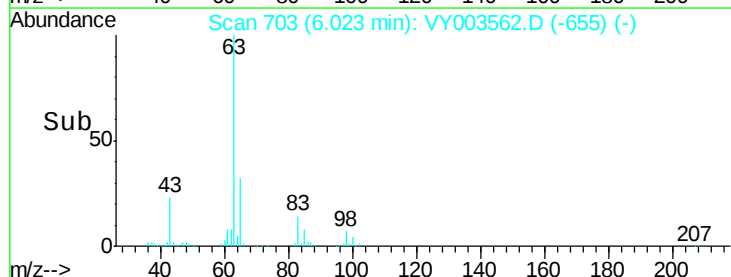
150000

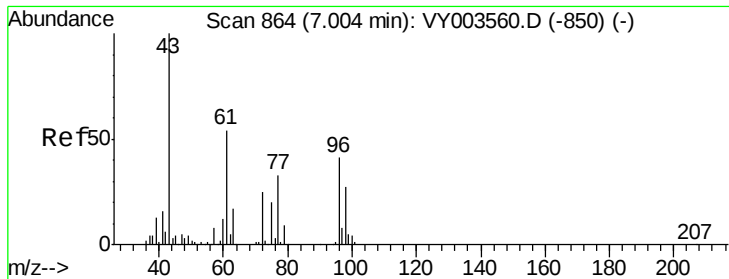
100000

50000

0

Time-->





#25

2-Butanone

Concen: 699.577 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 538478

Ion Ratio Lower Upper

43 100

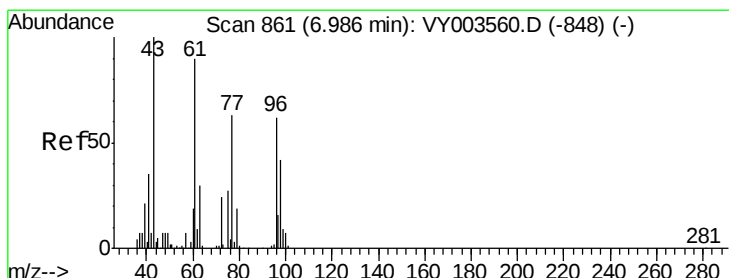
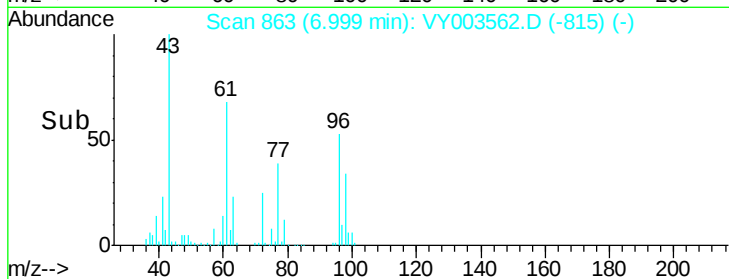
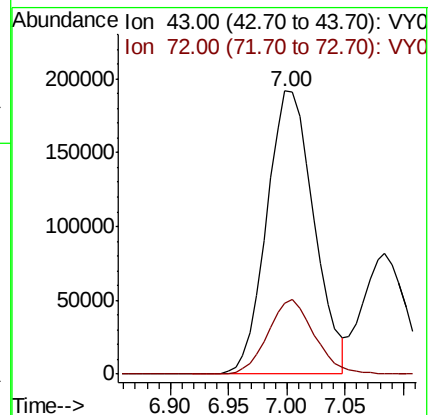
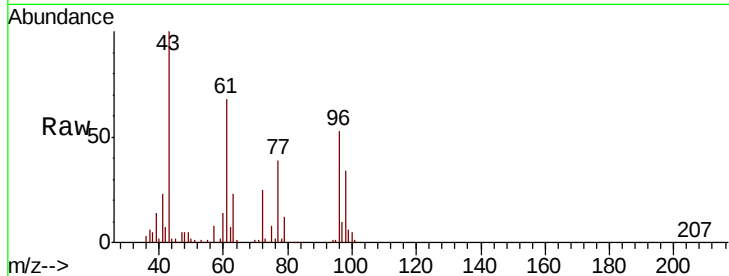
72 24.9 19.8 29.8

Manual Integrations

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MMDadoda

11/23/2020 1:39:31 PM



#26

2,2-Dichloropropane

Concen: 127.391 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003562.D

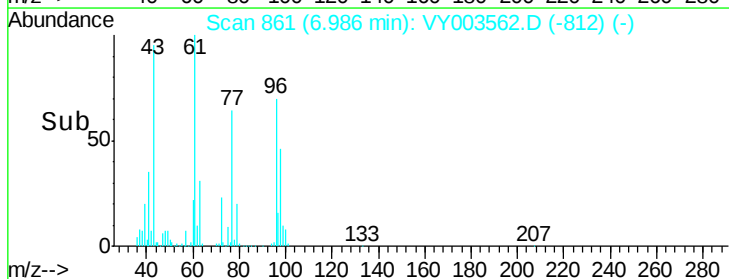
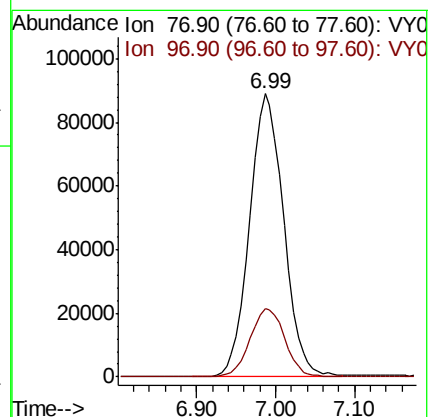
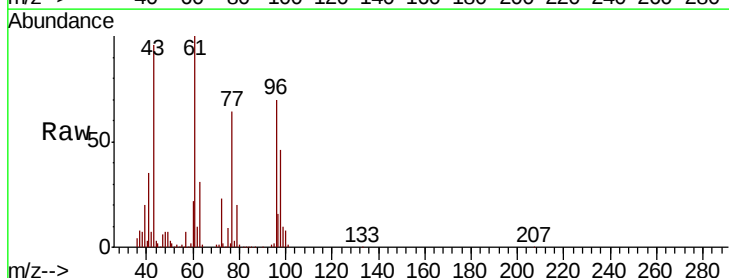
Acq: 20 Nov 2020 12:02

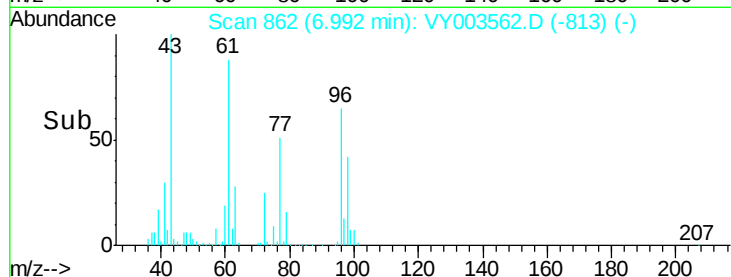
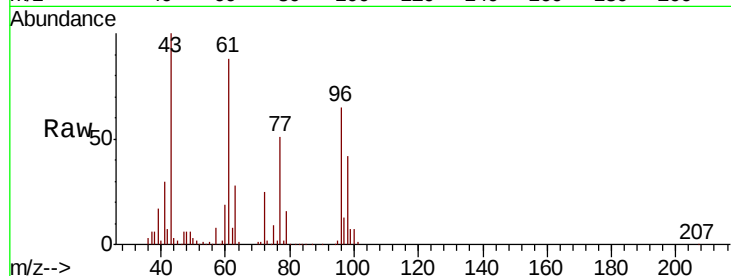
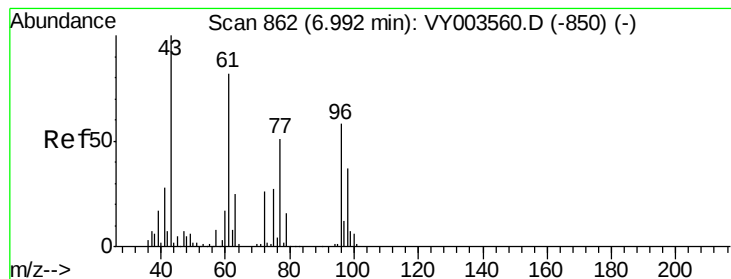
Tgt Ion: 77 Resp: 268411

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

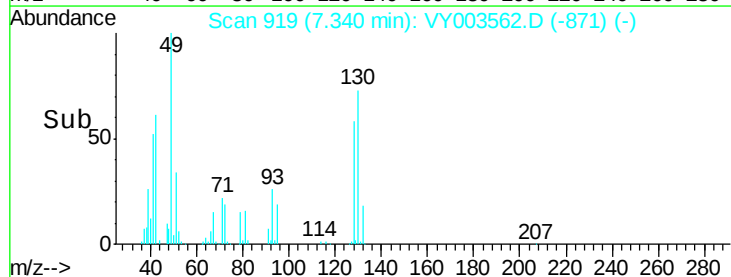
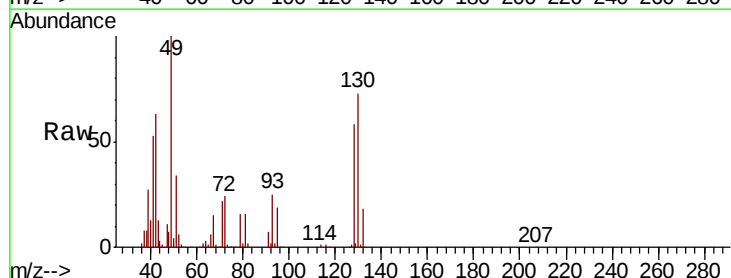
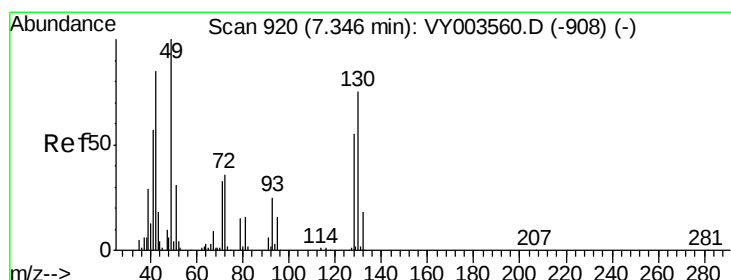
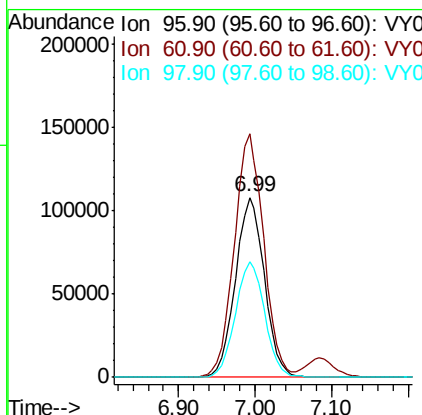
cis-1,2-Dichloroethene
Concen: 138.936 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	283723		
61	136.9	0.0	274.6	
98	65.1	0.0	130.6	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
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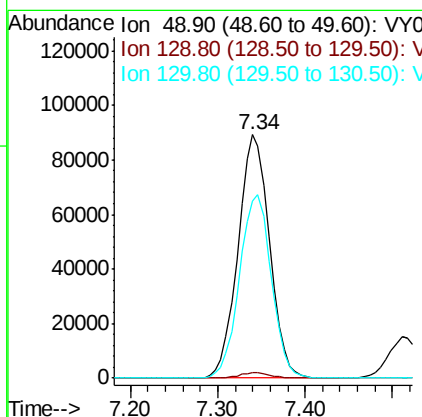
MMDadoda
11/23/2020 1:39:31 PM

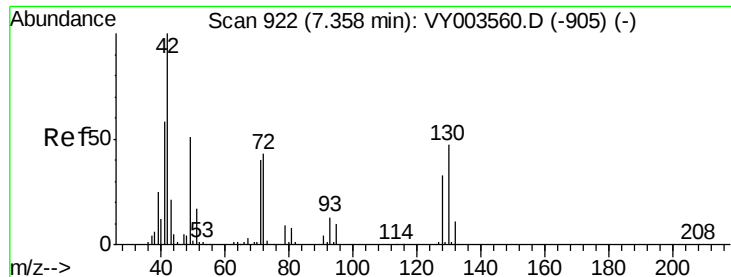


#28

Bromochloromethane
Concen: 141.777 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	223618		
129	2.2	0.0	4.4	
130	76.3	61.0	91.6	





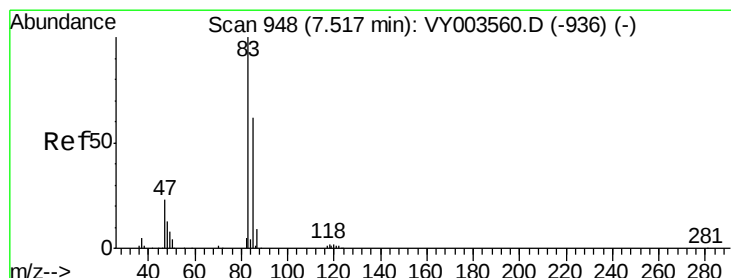
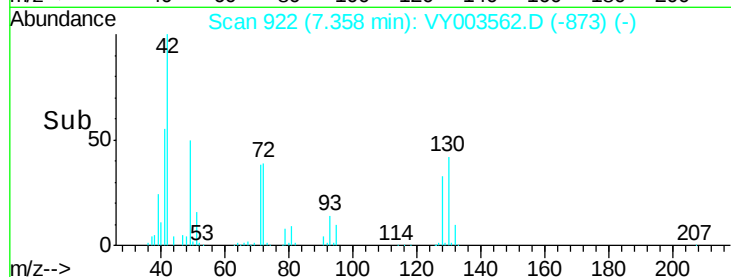
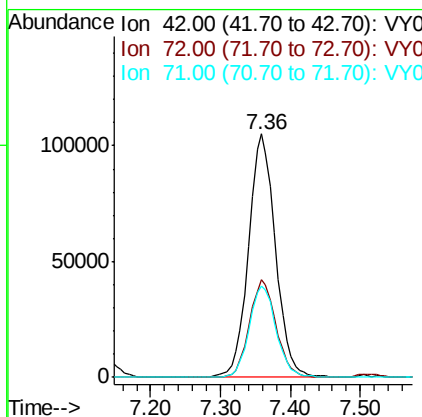
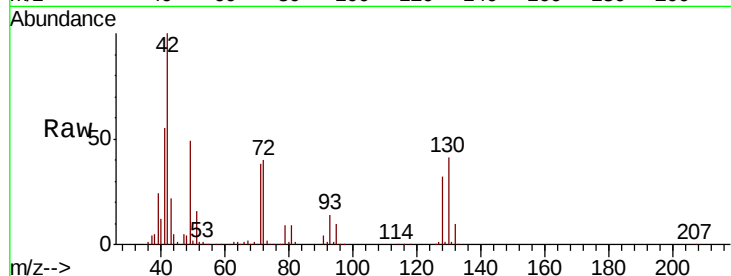
#29
Tetrahydrofuran
Concen: 695.738 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.6	49.0
71	37.6	30.2	45.2

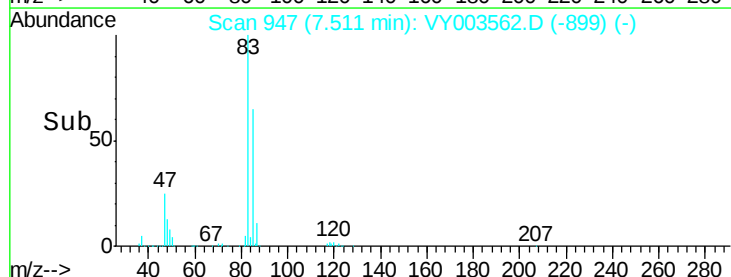
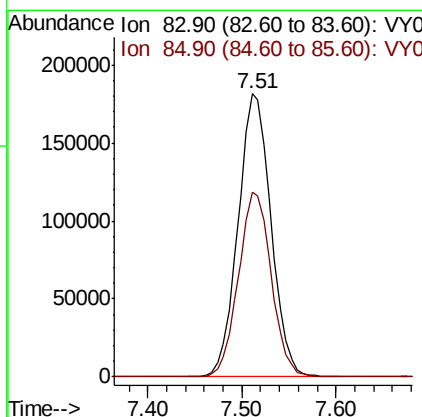
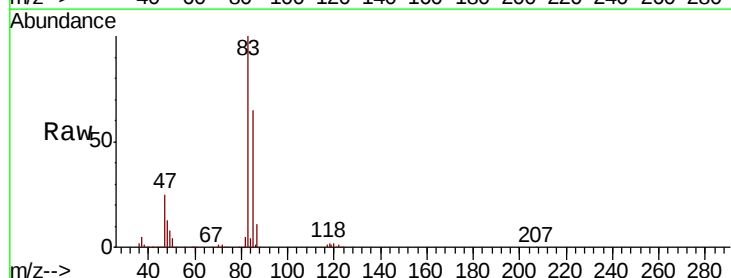
Manual Integrations
APPROVED

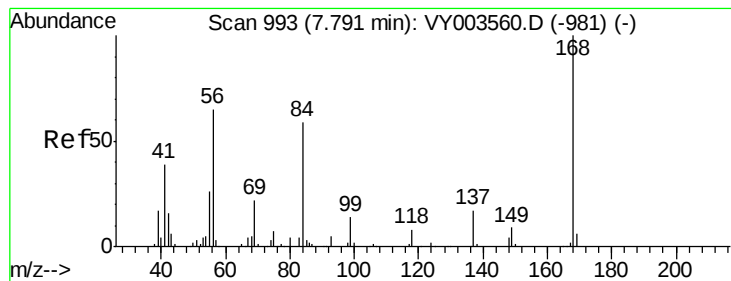
MMDadoda
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#30
Chloroform
Concen: 138.056 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	49.6	74.4





#31

Cyclohexane

Concen: 134.981 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 346686
Ion Ratio Lower Upper

56 100

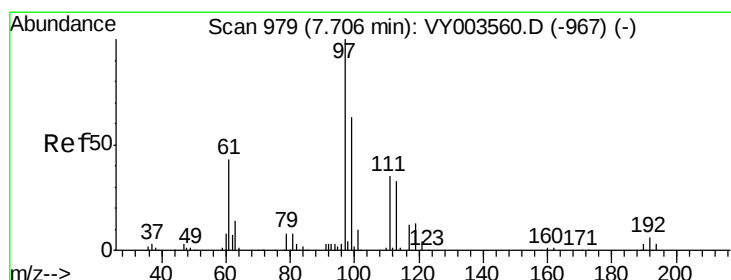
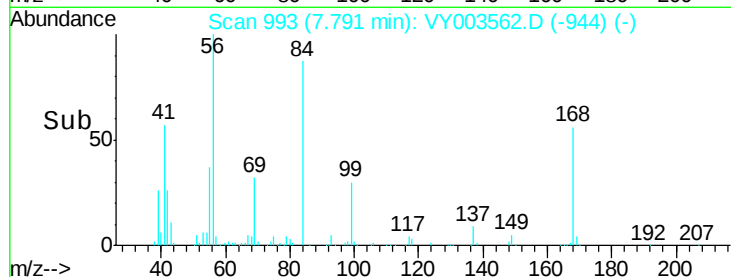
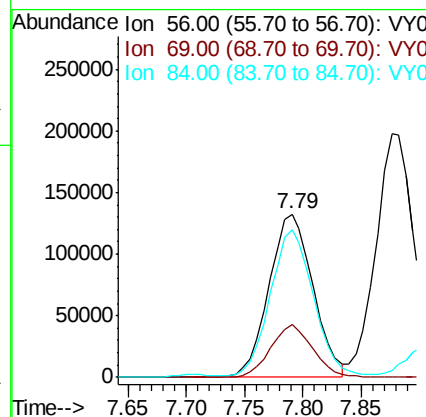
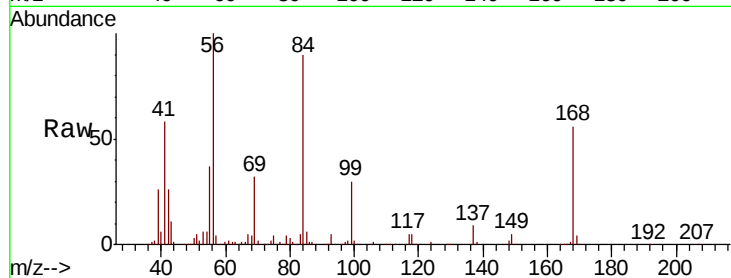
69 32.0 27.0 40.6

84 88.4 71.8 107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 141.545 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003562.D

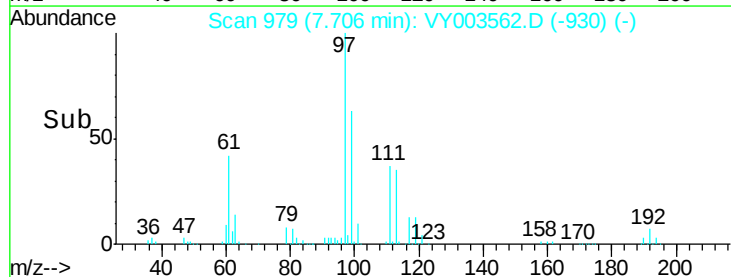
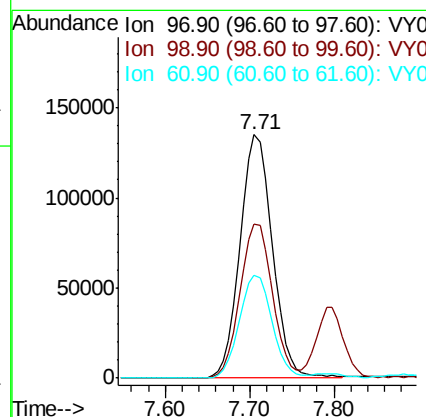
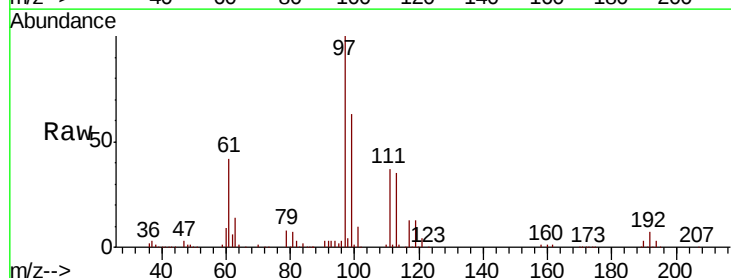
Acq: 20 Nov 2020 12:02

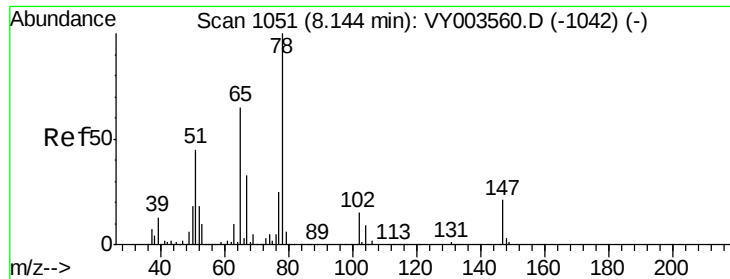
Tgt Ion: 97 Resp: 351686
Ion Ratio Lower Upper

97 100

99 63.2 50.2 75.2

61 42.6 34.1 51.1





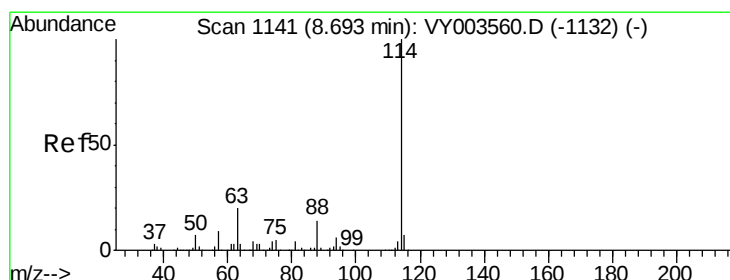
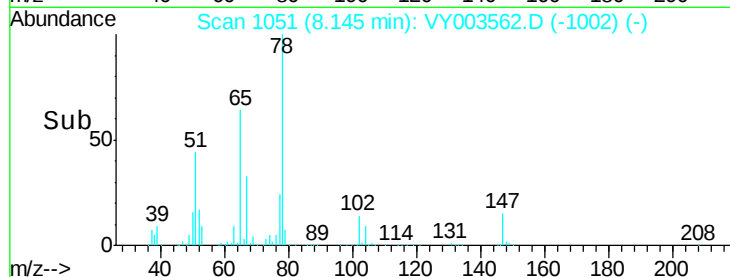
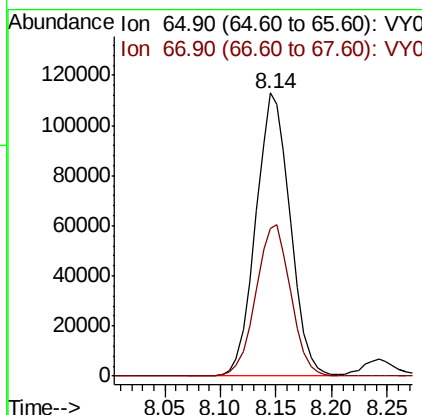
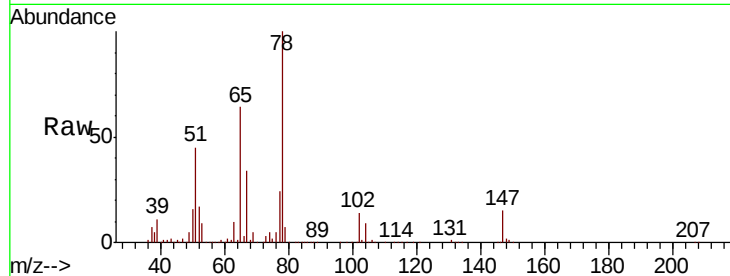
#33
 1,2-Dichloroethane-d4
 Concen: 137.048 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	243480		
67	54.1	0.0	110.2	

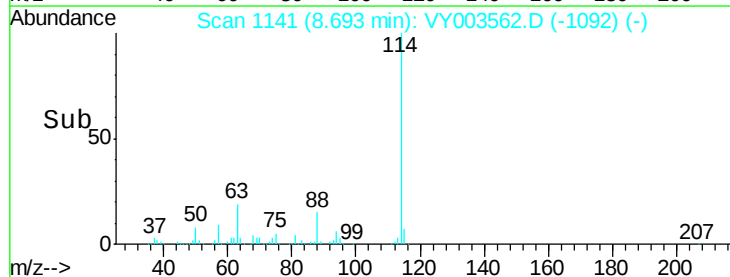
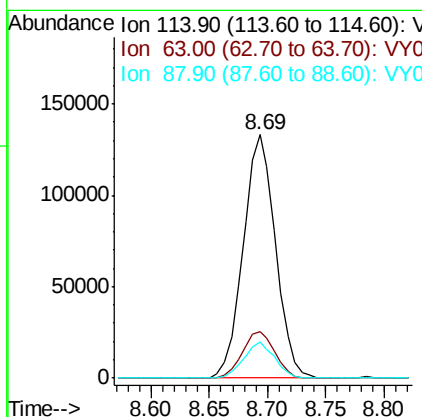
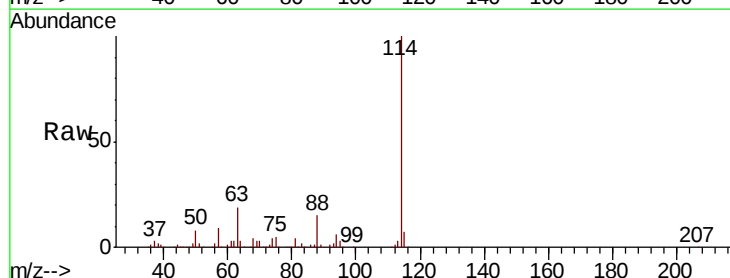
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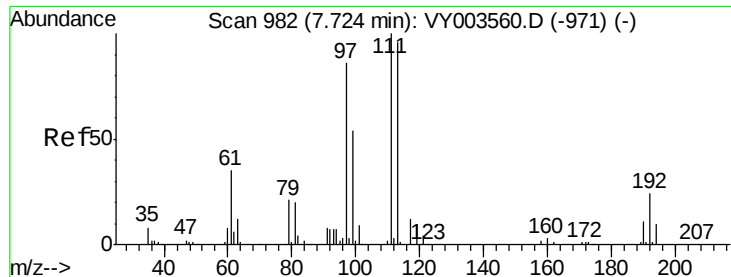
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	256512		
63	19.1	0.0	39.8	
88	15.2	0.0	29.0	





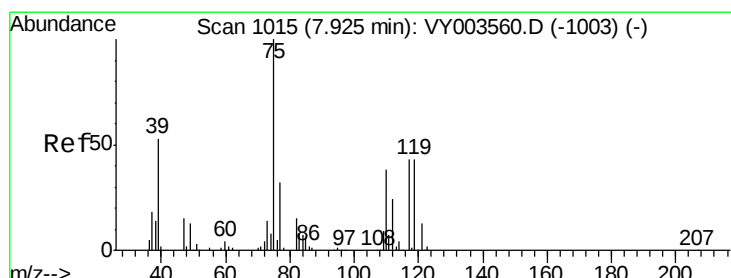
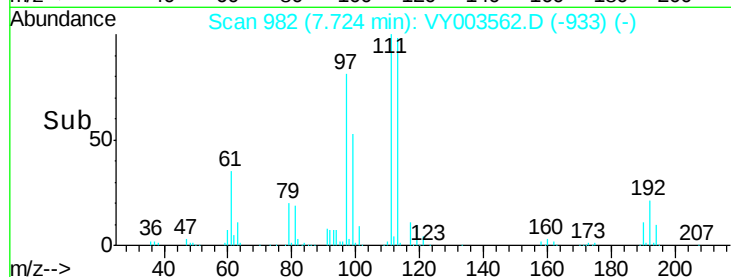
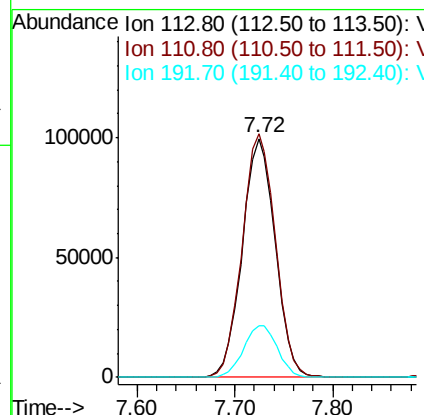
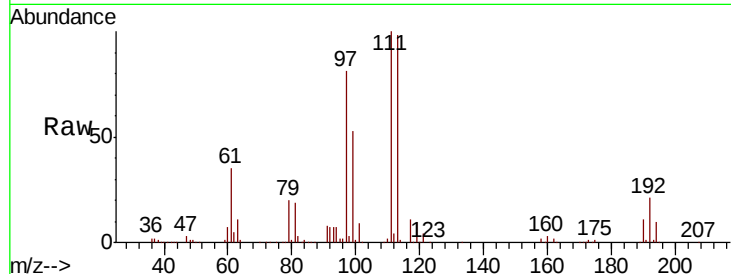
#35
 Dibromofluoromethane
 Concen: 138.699 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233866		
111	102.5	81.4	122.0	
192	22.1	18.1	27.1	

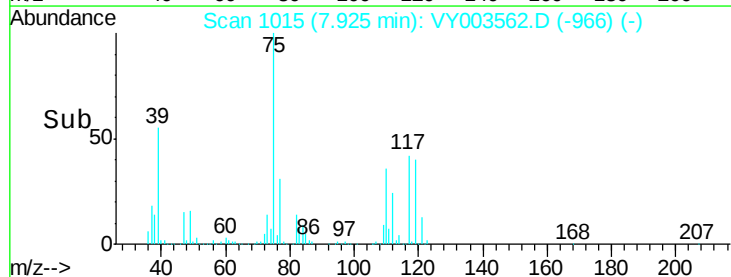
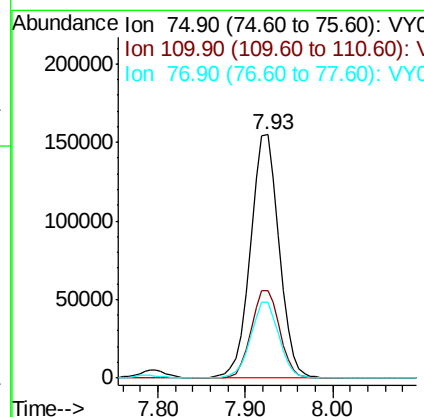
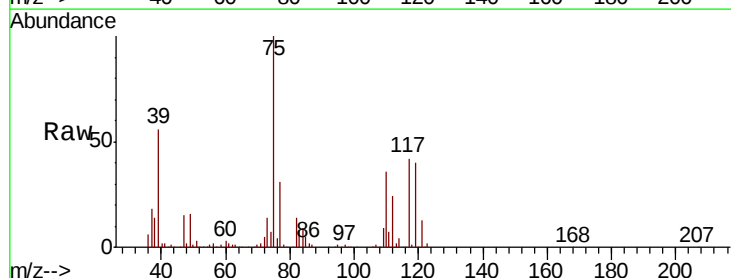
Manual Integrations
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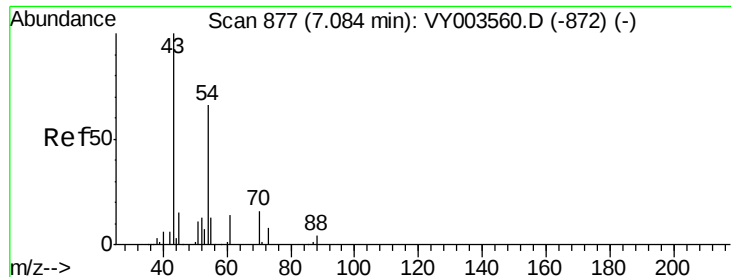
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#36
 1,1-Dichloropropene
 Concen: 138.833 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	350602		
110	36.2	18.7	56.1	
77	30.8	25.4	38.2	





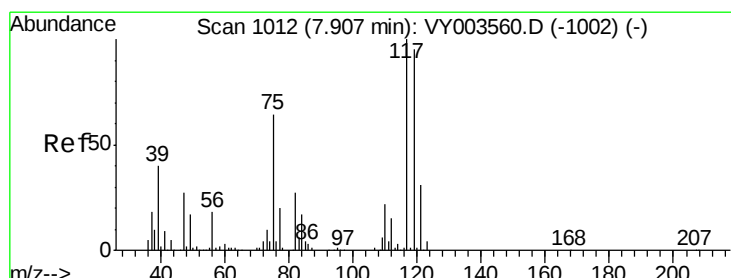
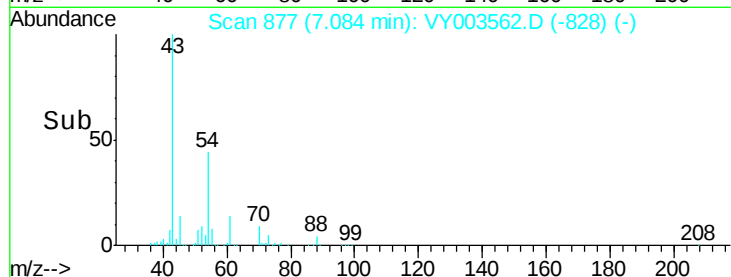
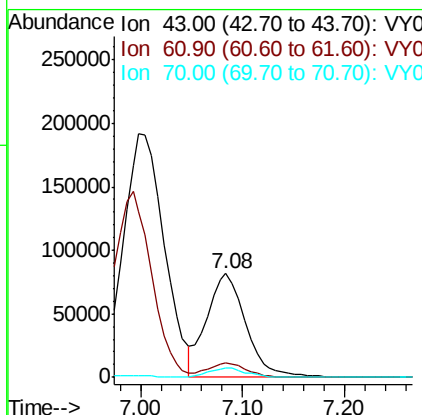
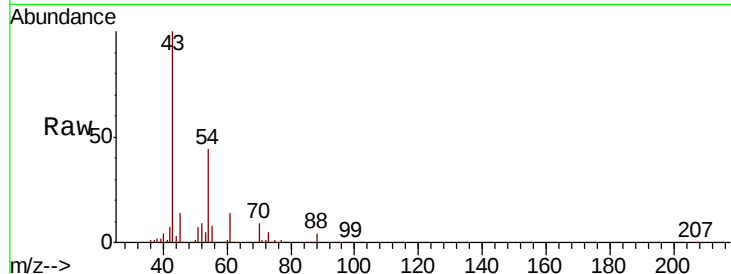
#37
Ethyl Acetate
Concen: 142.121 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.3	15.5
70	9.0	7.5	11.3

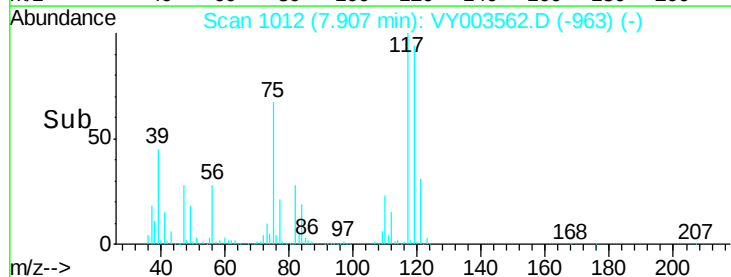
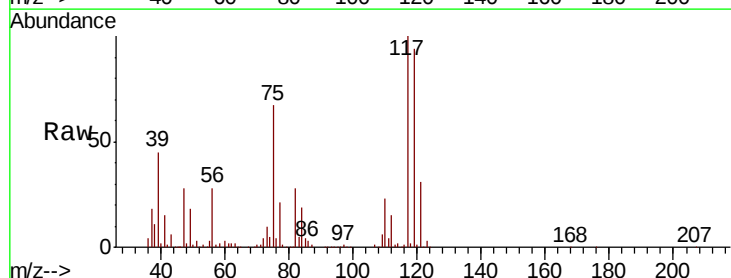
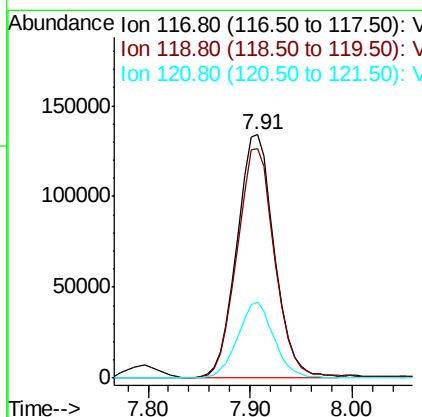
Manual Integrations
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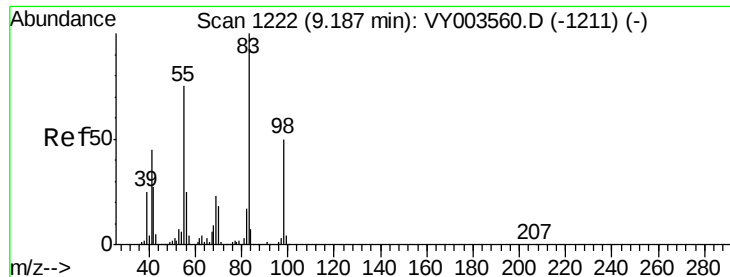
MMDadoda
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#38
Carbon Tetrachloride
Concen: 145.459 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.3	114.5
121	31.3	25.1	37.7





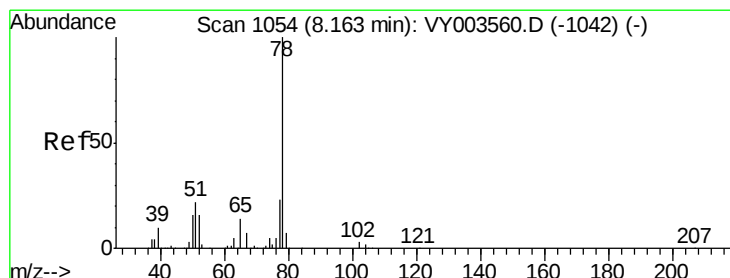
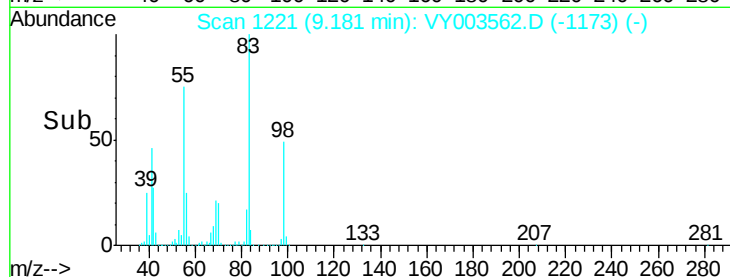
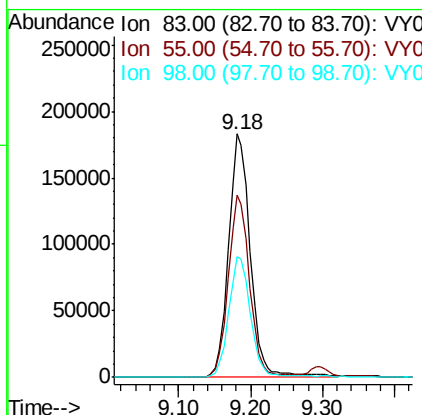
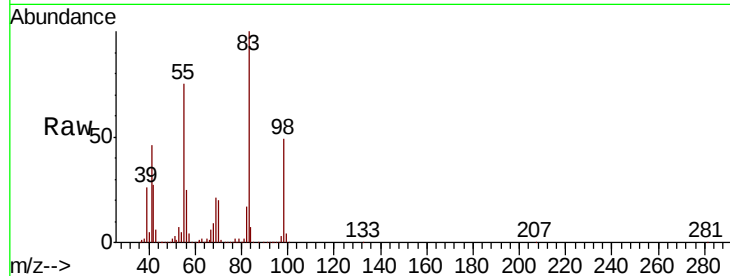
#39
Methylcyclohexane
Concen: 151.015 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.2	90.4
98	49.3	40.3	60.5

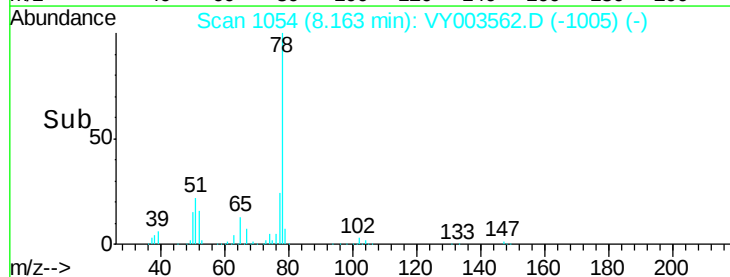
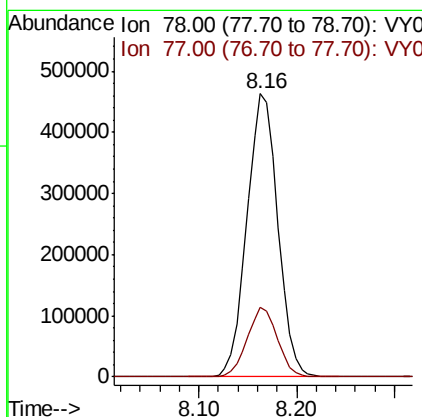
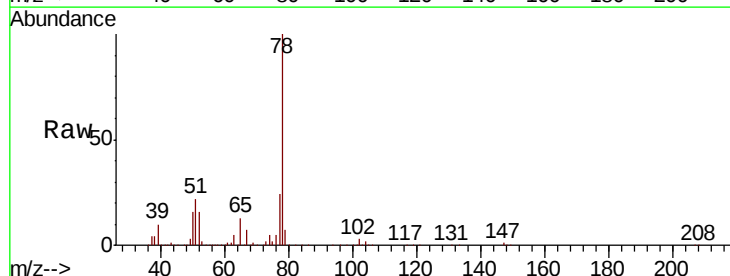
Manual Integrations
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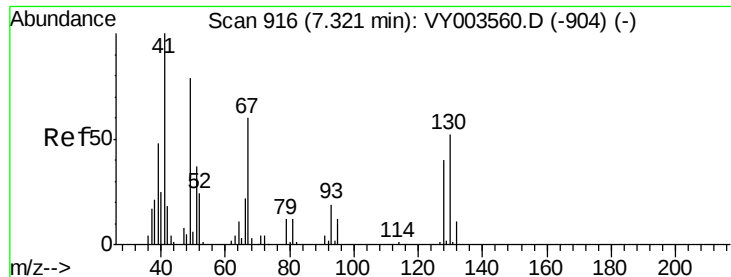
MMDadoda
11/23/2020 1:39:31 PM



#40
Benzene
Concen: 135.929 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.6	28.0





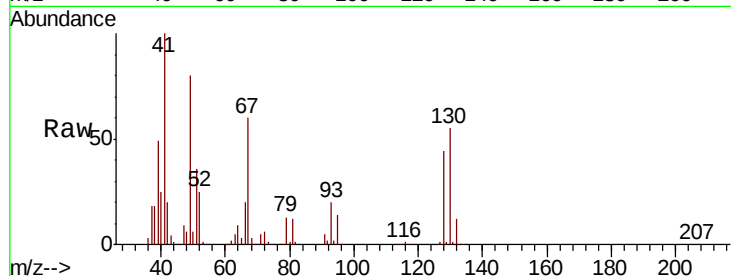
#41
Methacrylonitrile
Concen: 142.190 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

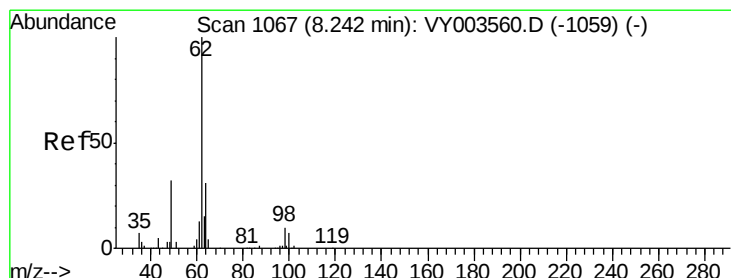
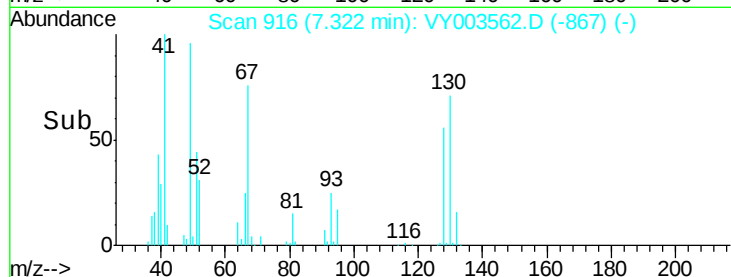
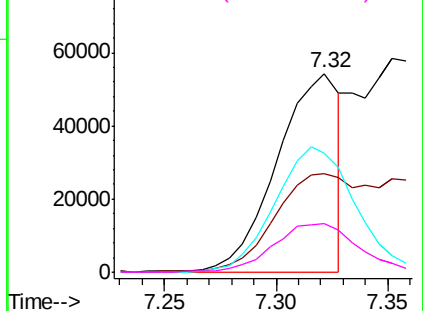
Tot Ion	Ratio	Lower	Upper
41	100		
39	75.2	41.4	62.0#
67	80.9	57.2	85.8
52	33.4	23.6	35.4

Manual Integrations
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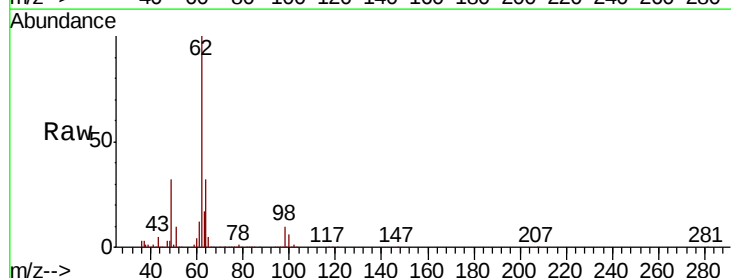


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

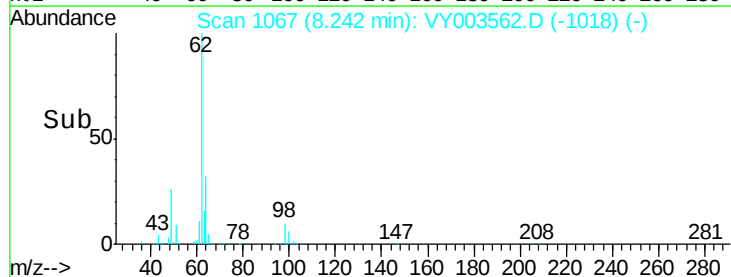
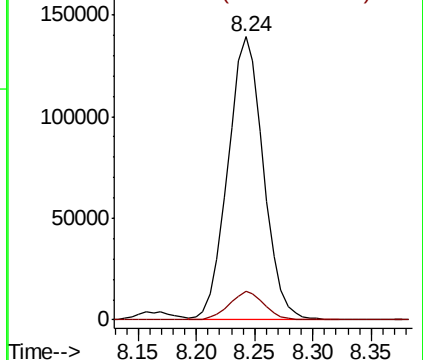


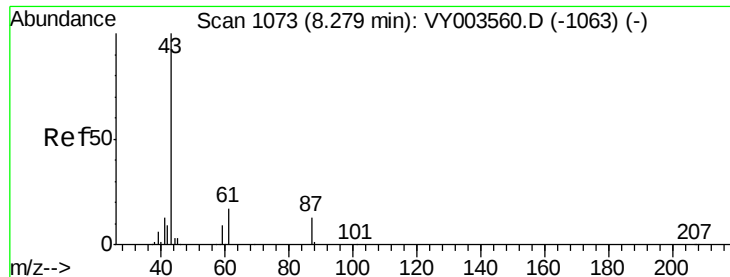
#42
1,2-Dichloroethane
Concen: 137.939 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 144.172 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

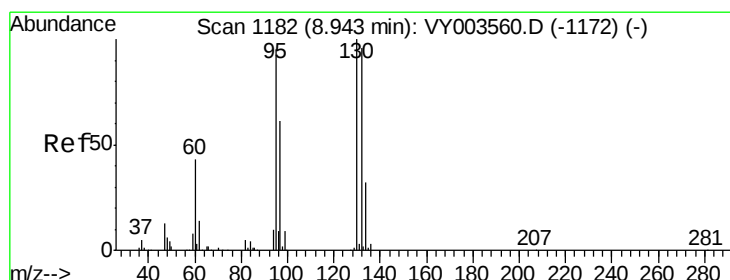
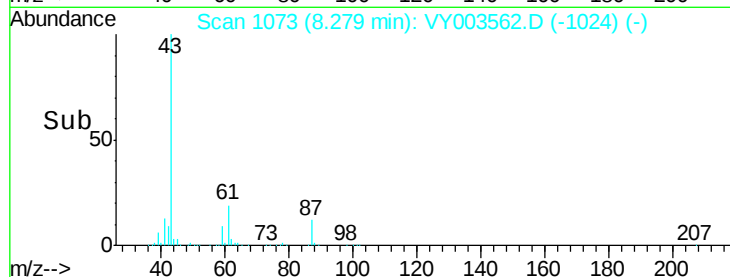
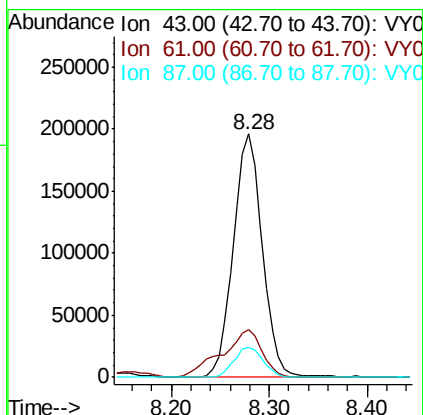
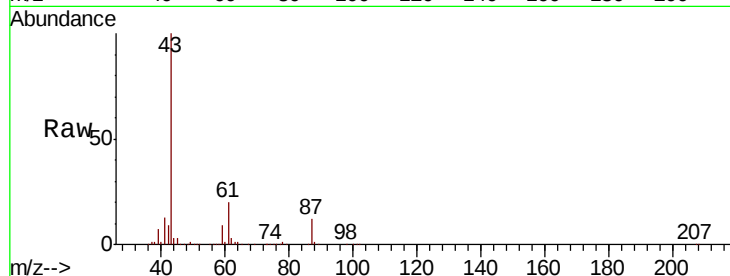
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	402863
Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.4	32.0
87	12.6	10.7	16.1

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#44

Trichloroethene

Concen: 136.158 ug/l

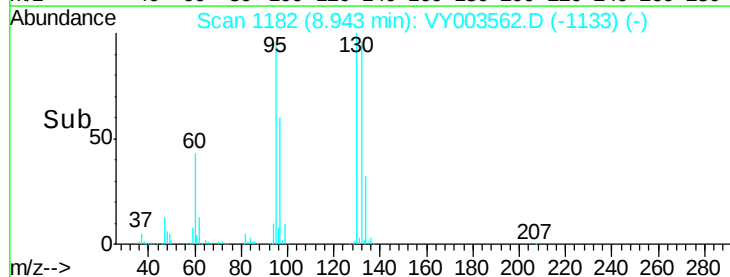
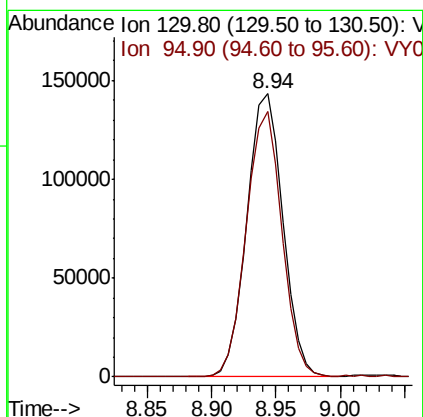
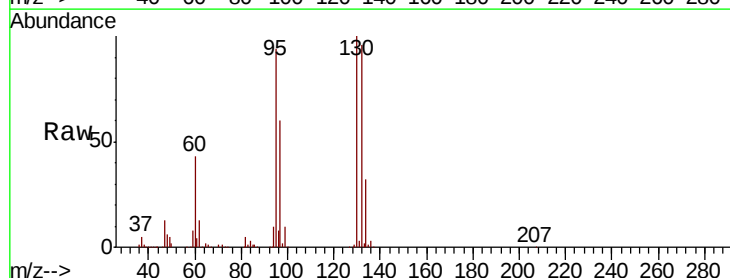
RT: 8.94 min Scan# 1182

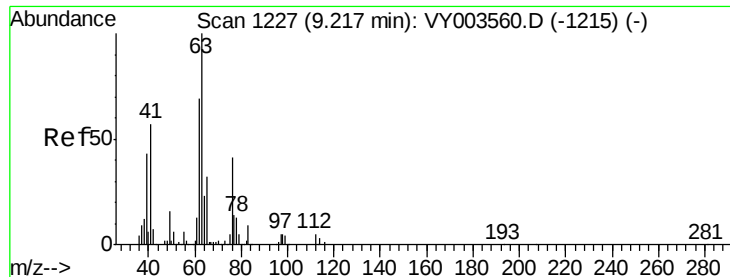
Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion:	130	Resp:	277741
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	189.2





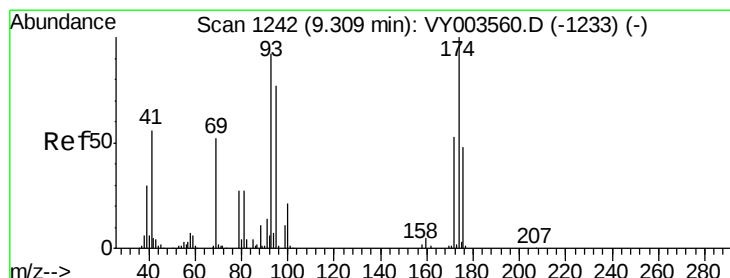
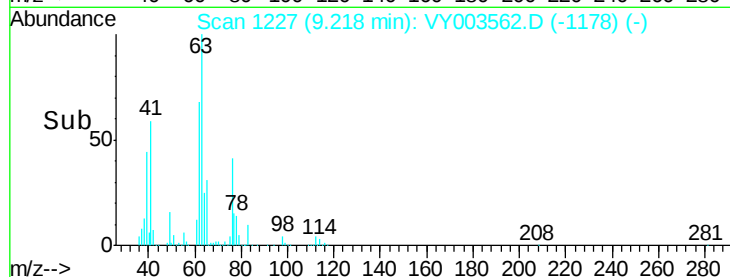
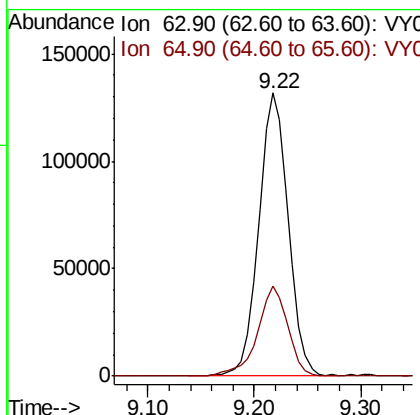
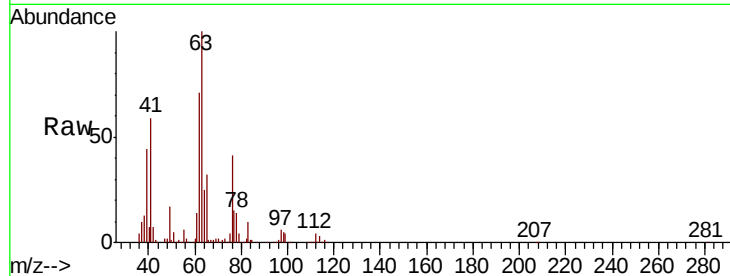
#45
 1,2-Dichloropropane
 Concen: 137.614 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.7	38.5

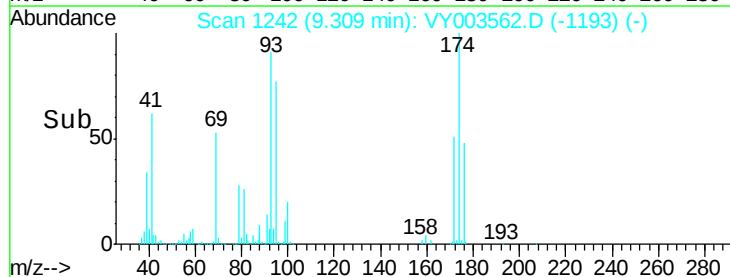
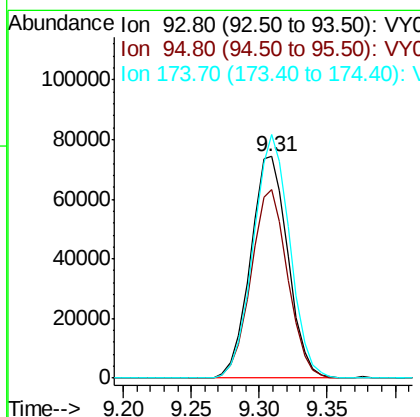
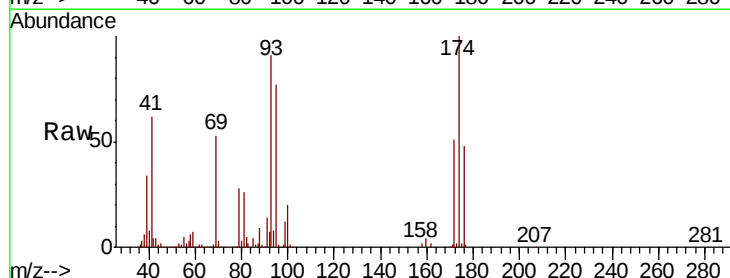
Manual Integrations
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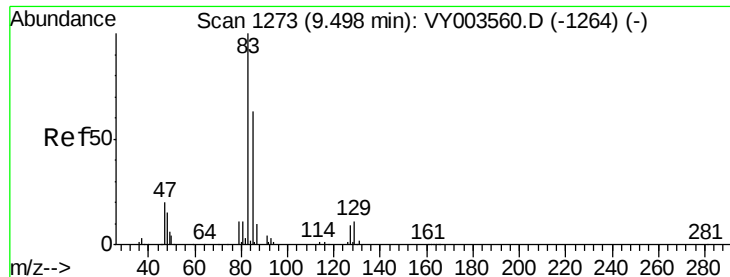
MMDadoda
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#46
 Dibromomethane
 Concen: 135.678 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.9	98.9
174	107.4	86.8	130.2





#47

Bromodichloromethane

Concen: 140.224 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

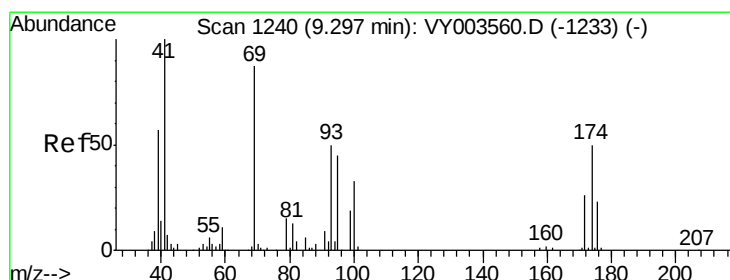
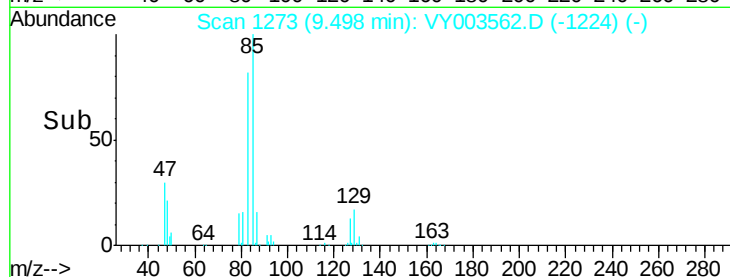
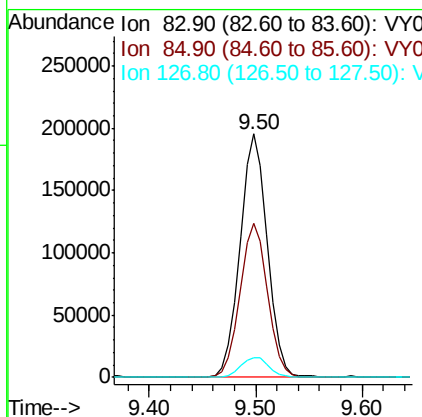
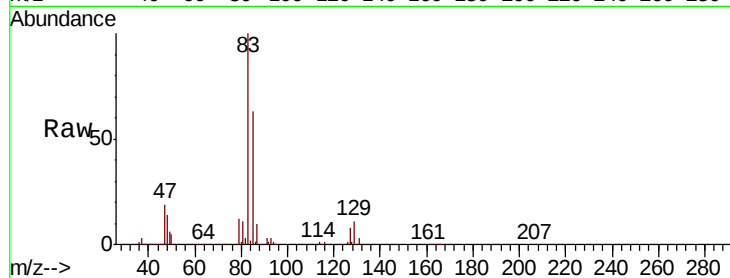
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	351980
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.7	76.1
127	8.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 143.581 ug/l

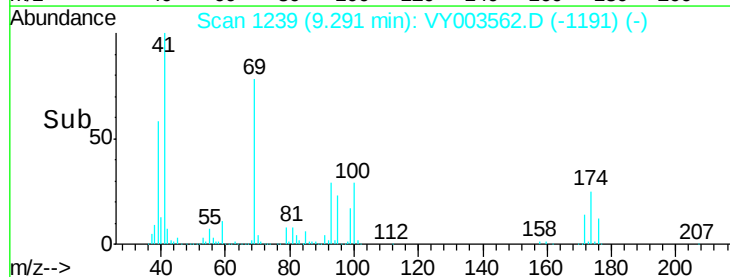
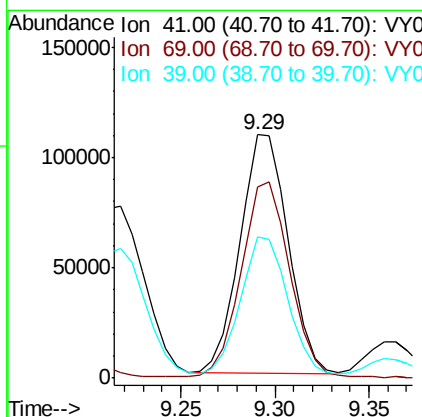
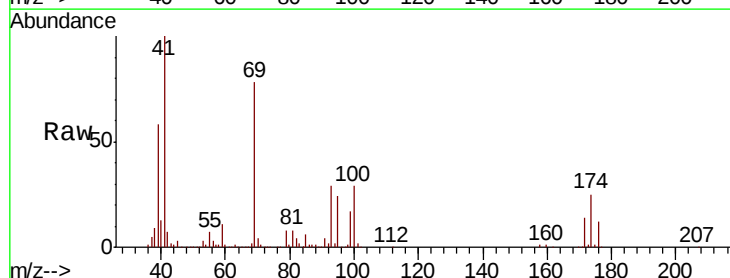
RT: 9.29 min Scan# 1239

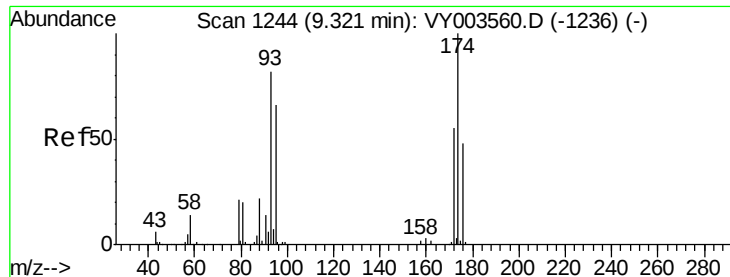
Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion:	41	Resp:	192054
Ion	Ratio	Lower	Upper
41	100		
69	83.6	68.6	102.8
39	59.6	48.8	73.2





#49

1,4-Dioxane

Concen: 2904.499 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

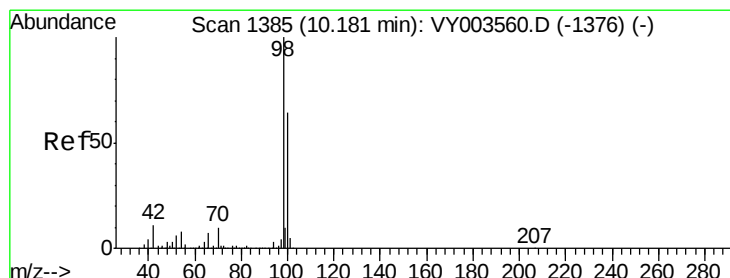
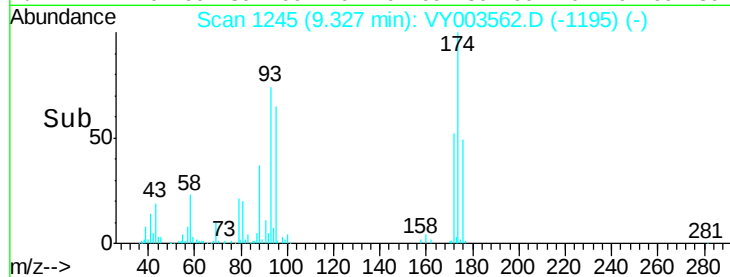
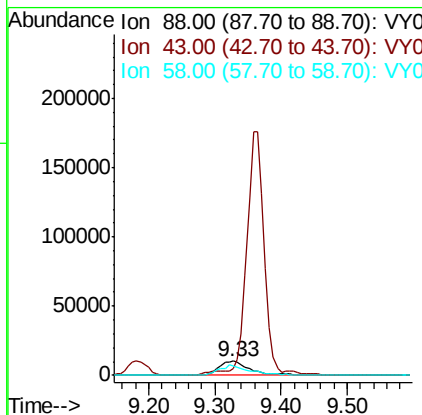
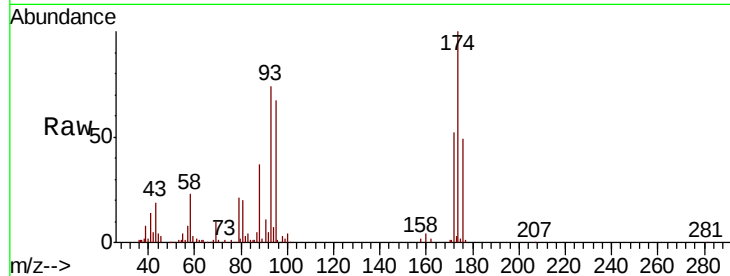
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	35169
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.1	50.9	76.3

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#50

Toluene-d8

Concen: 136.208 ug/l

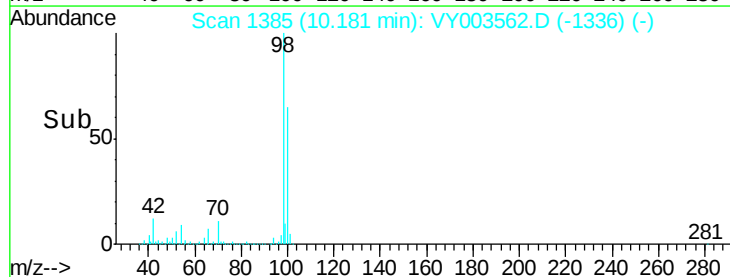
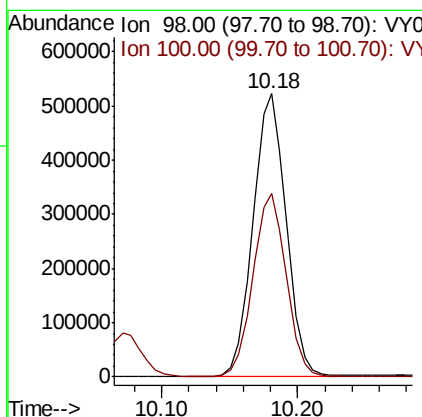
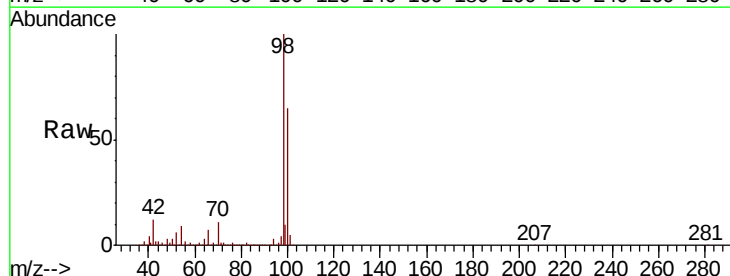
RT: 10.18 min Scan# 1385

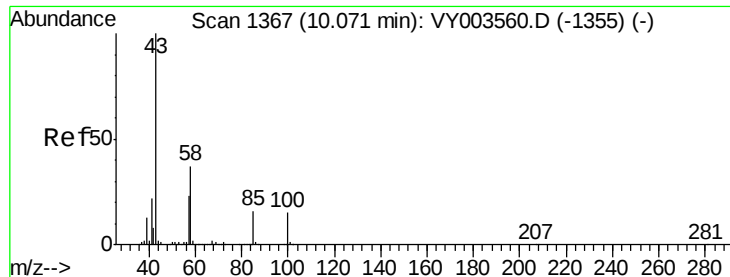
Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion:	98	Resp:	893069
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2





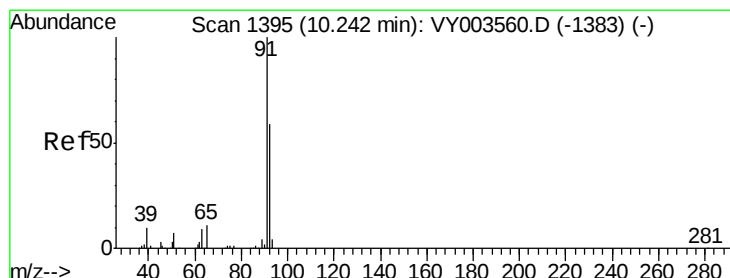
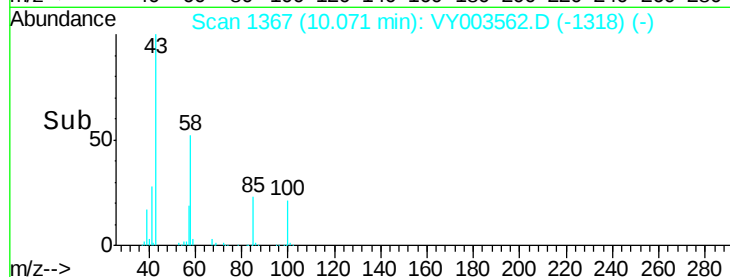
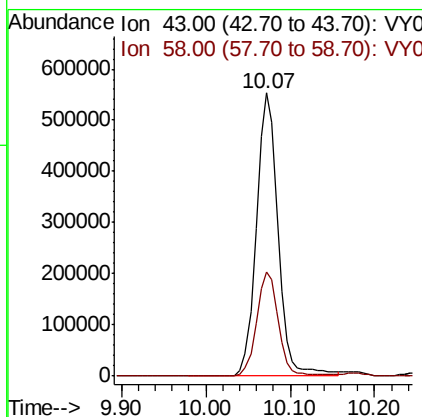
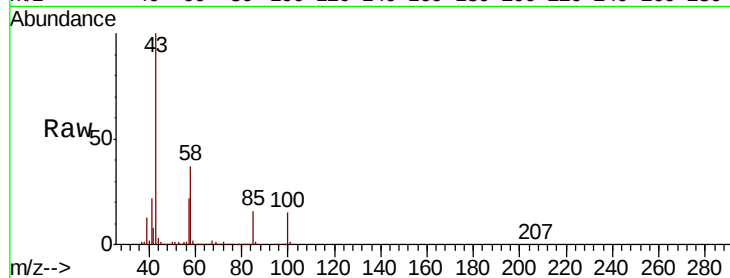
#51
4-Methyl-2-Pentanone
Concen: 733.647 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.8	44.8

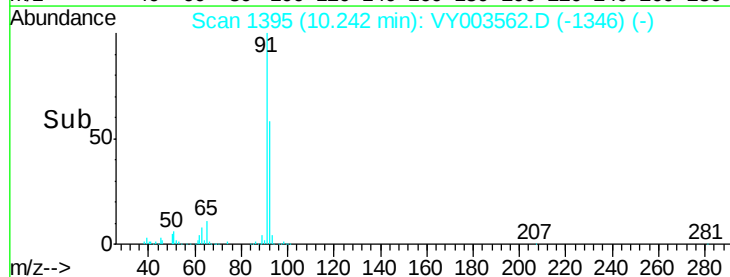
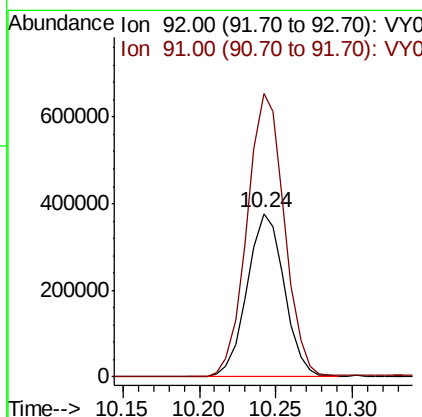
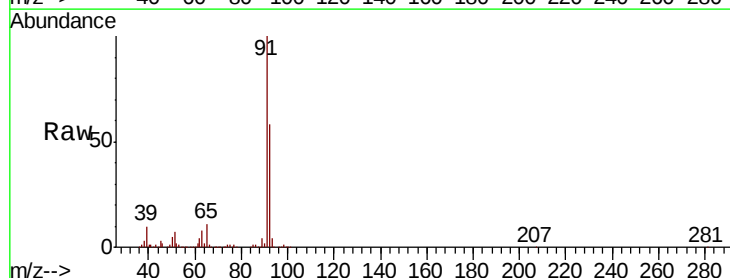
Manual Integrations
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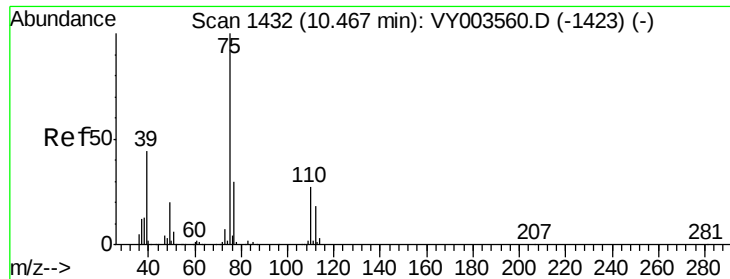
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#52
Toluene
Concen: 139.128 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 144.099 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 378571

Ion Ratio Lower Upper

75 100

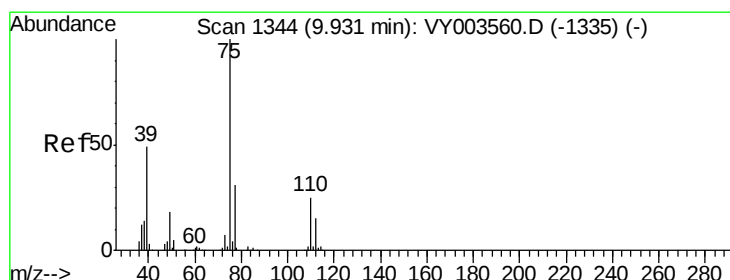
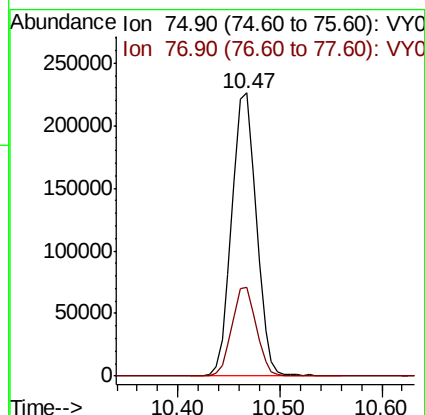
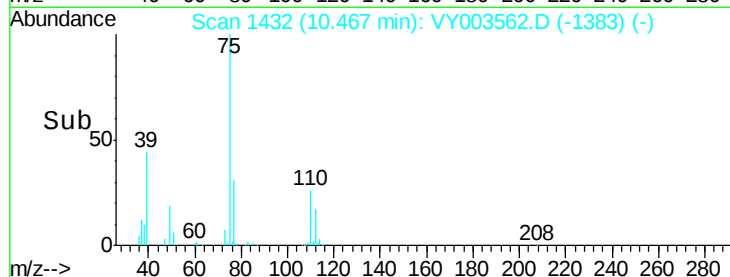
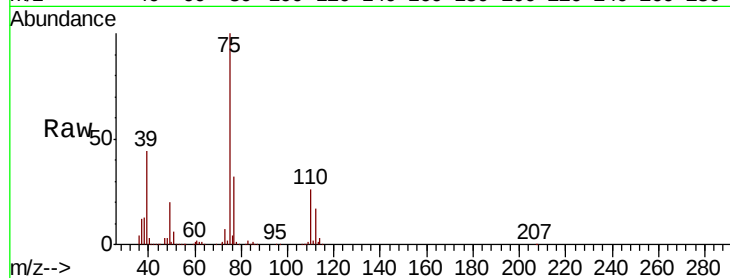
77 31.6 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 141.393 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

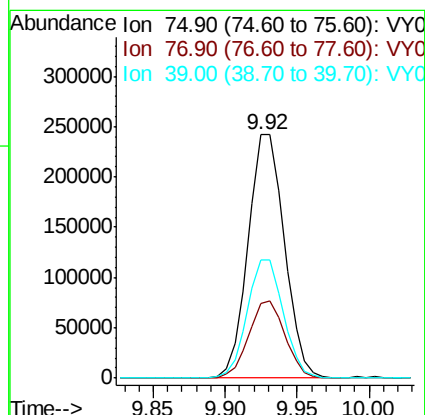
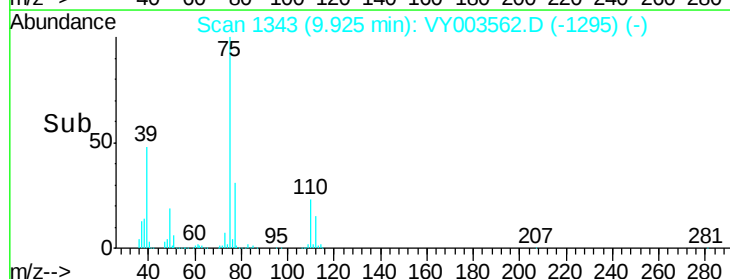
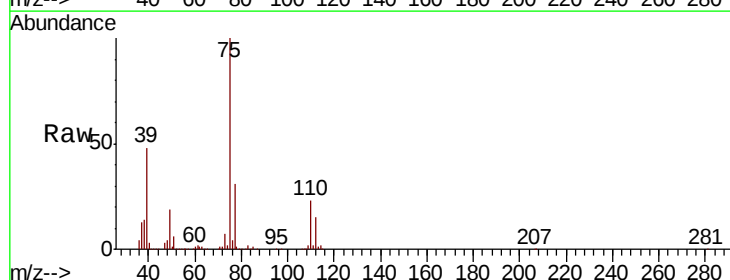
Tgt Ion: 75 Resp: 422788

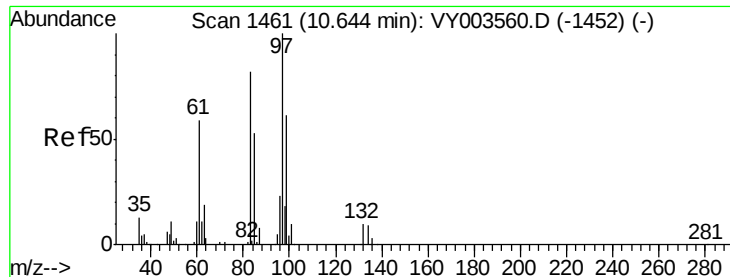
Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 48.4 38.9 58.3





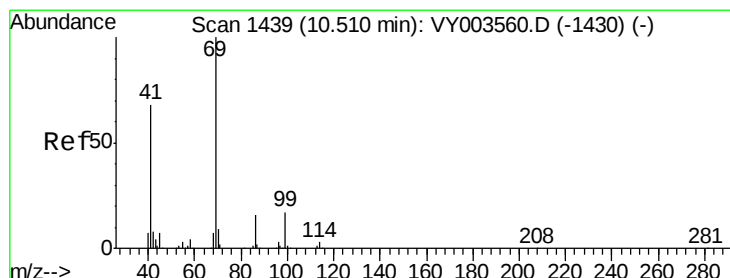
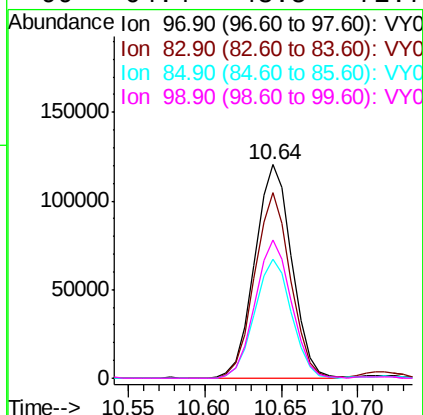
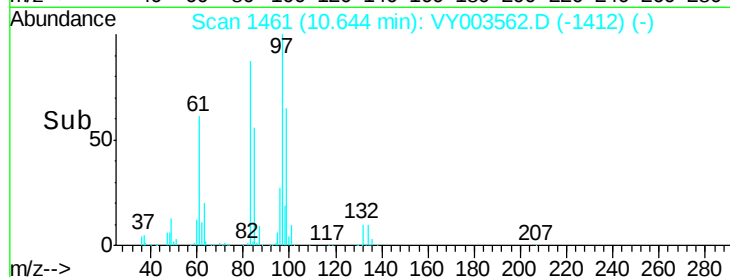
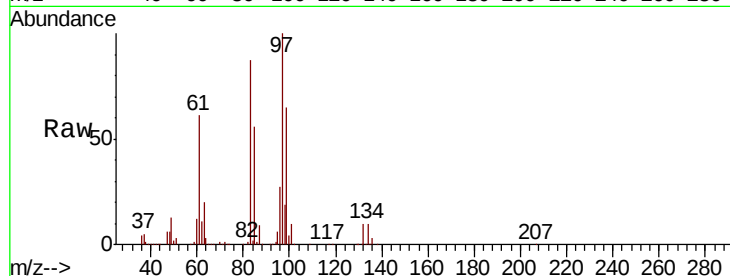
#55
 1,1,2-Trichloroethane
 Concen: 135.619 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	203281
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.2	97.8
85	55.6	42.4	63.6
99	64.4	48.5	72.7

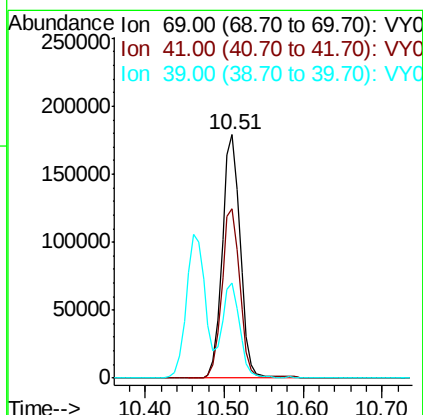
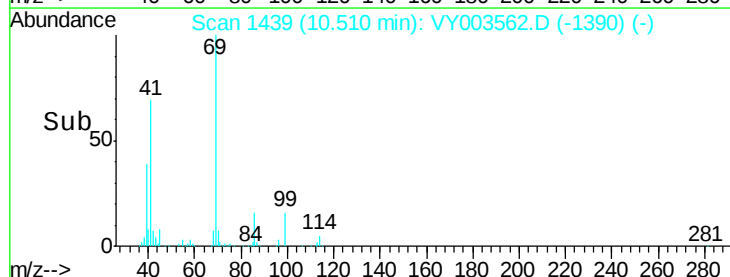
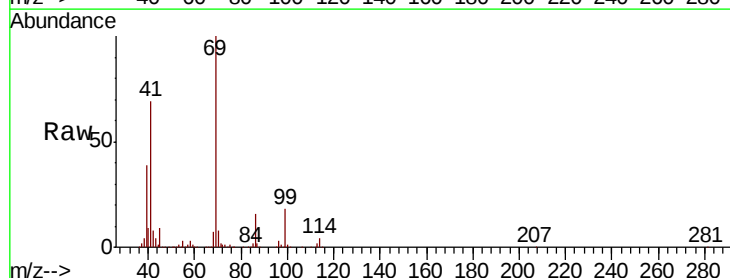
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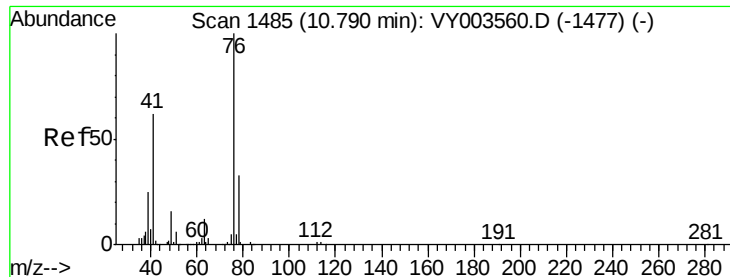
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 11/23/2020 1:39:31 PM



#56
 Ethyl methacrylate
 Concen: 155.825 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion:	69	Resp:	283843
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.0
39	38.9	30.2	45.2





#57

1,3-Dichloropropane

Concen: 140.134 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 35521

Ion Ratio Lower Upper

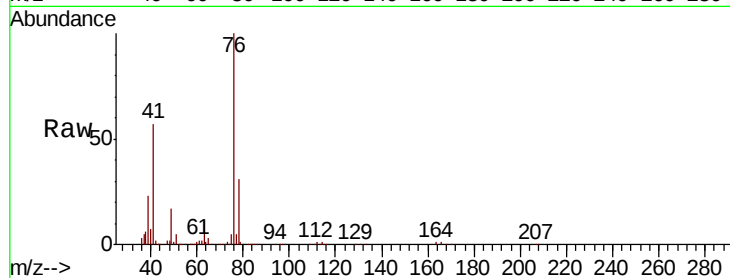
76 100

78 32.0 26.0 39.0

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

250000

200000

150000

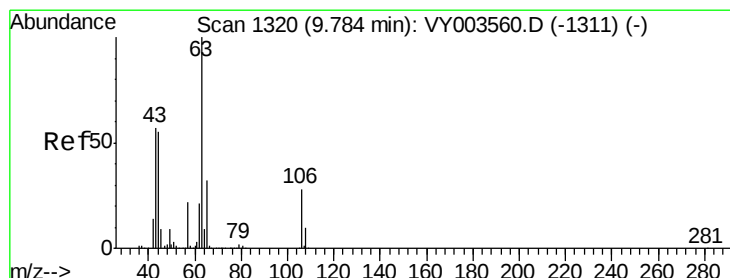
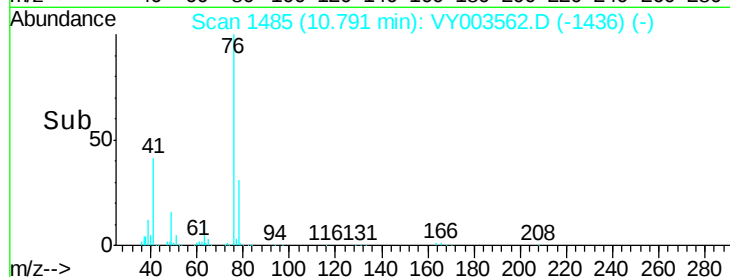
100000

50000

0

10.70 10.80 10.90

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 744.496 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003562.D

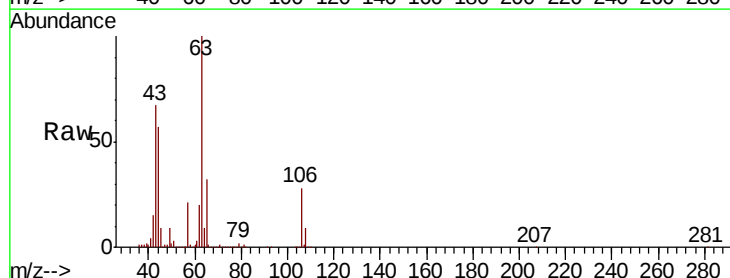
Acq: 20 Nov 2020 12:02

Tgt Ion: 63 Resp: 695949

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

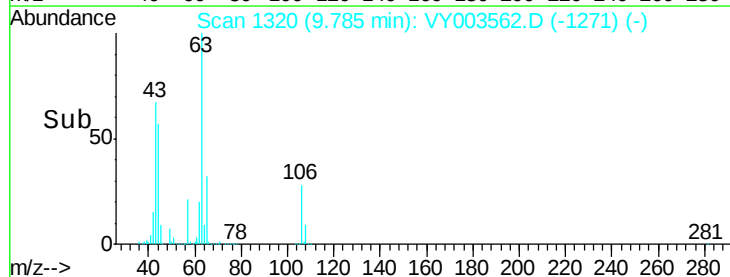
200000

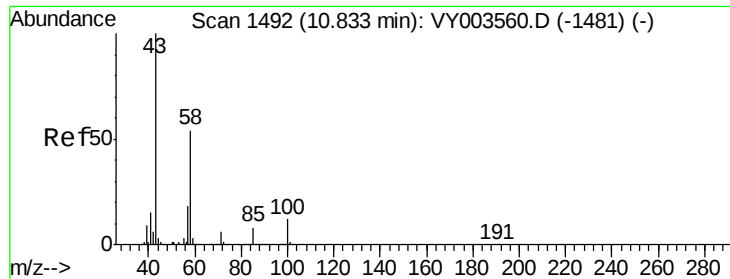
100000

0

9.70 9.80 9.90

Time-->





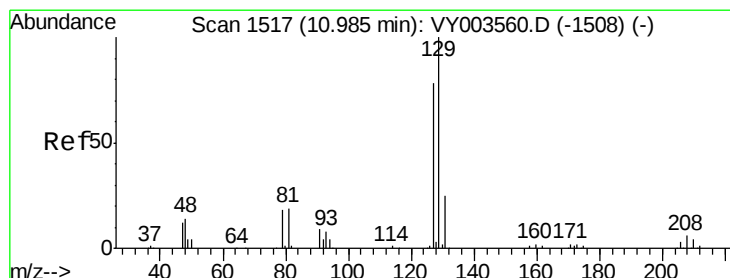
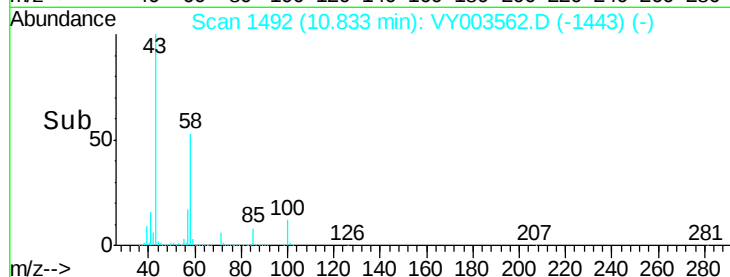
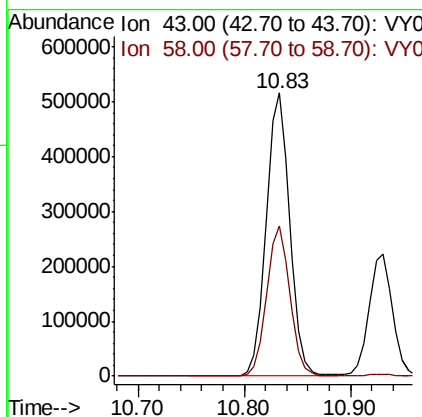
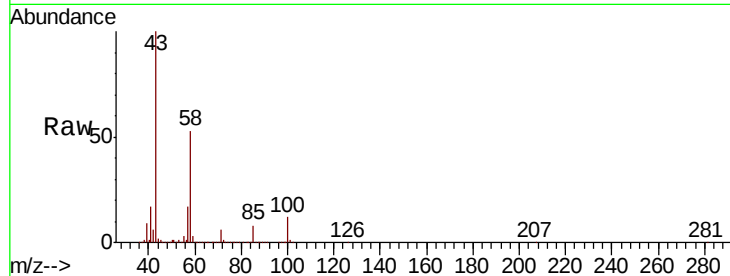
#59
2-Hexanone
Concen: 723.951 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 799247
Ion Ratio Lower Upper
43 100
58 52.6 26.7 80.1

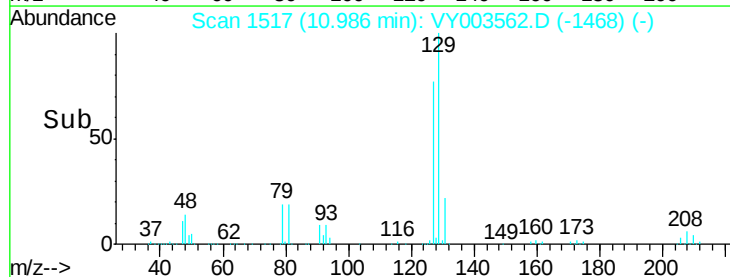
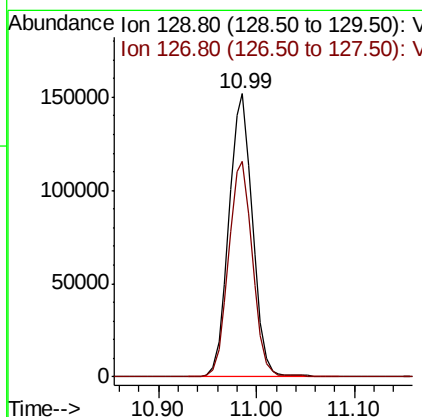
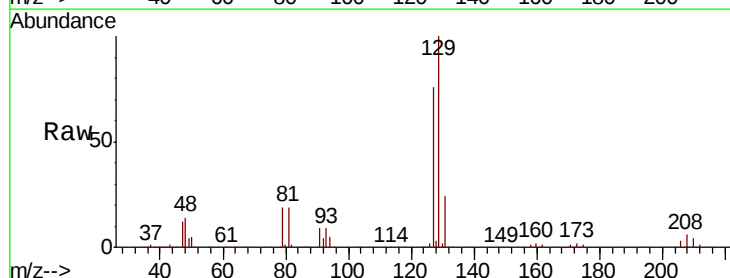
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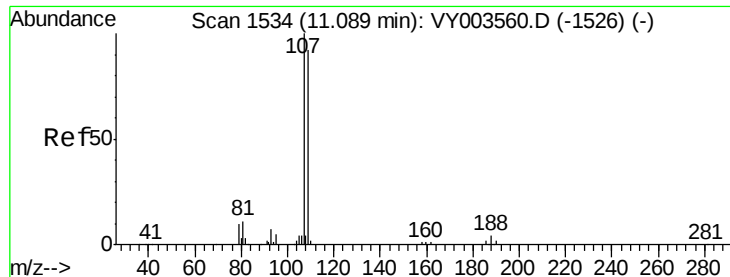
MMDadoda
11/23/2020 1:39:31 PM



#60
Dibromochloromethane
Concen: 140.353 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion: 129 Resp: 254369
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





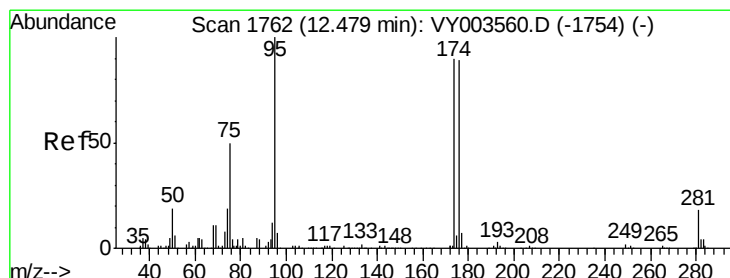
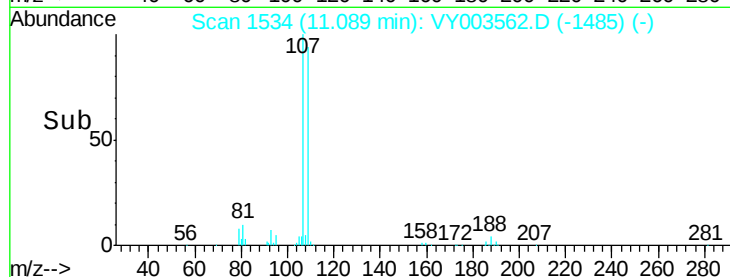
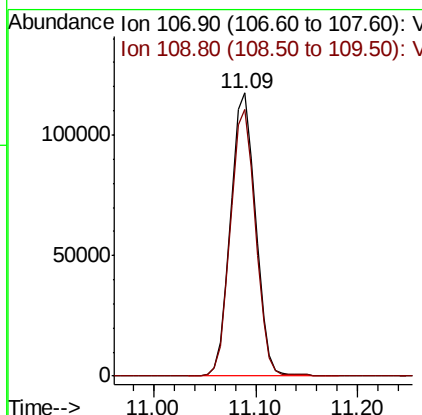
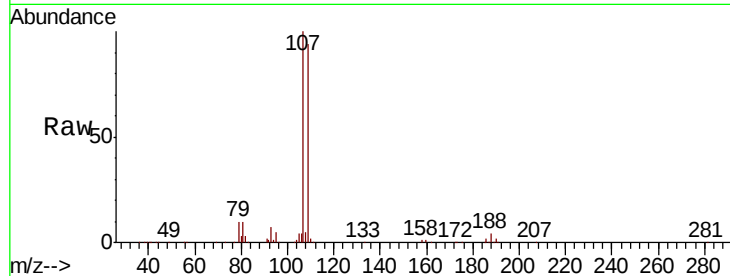
#61
 1,2-Dibromoethane
 Concen: 137.584 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	198735		
109	94.5	75.9	113.9	

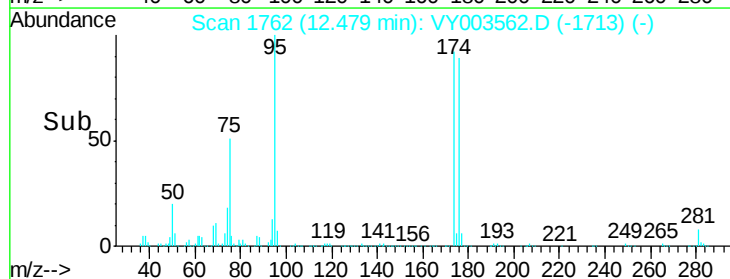
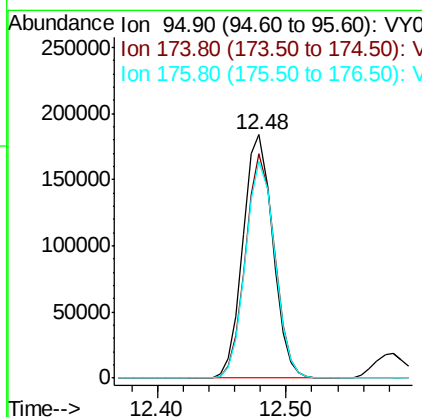
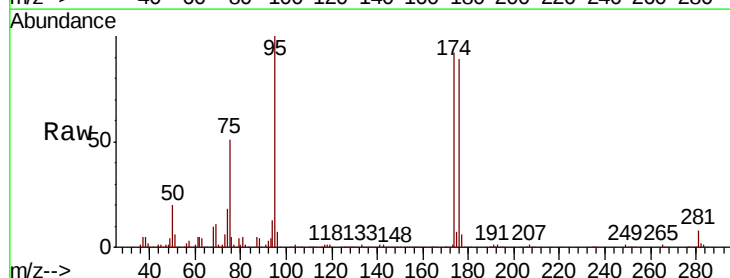
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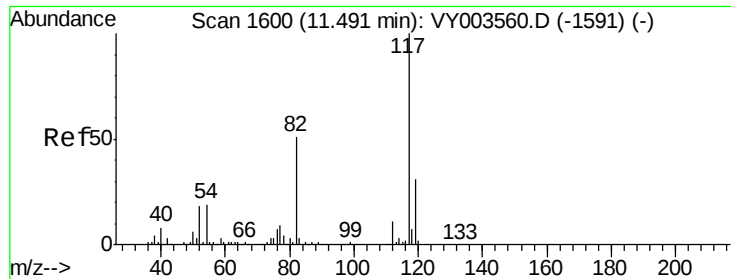
MMDadoda
 11/23/2020 1:39:31 PM



#62
 4-Bromofluorobenzene
 Concen: 141.740 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	294929		
174	89.7	0.0	184.0	
176	87.5	0.0	180.4	





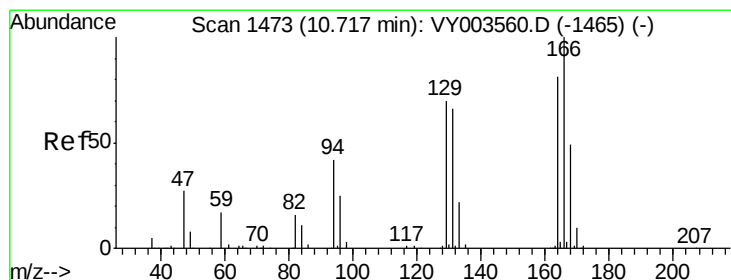
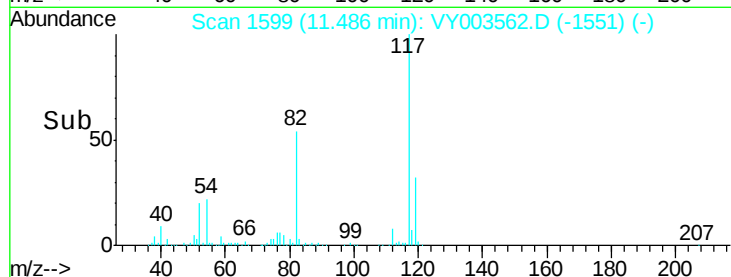
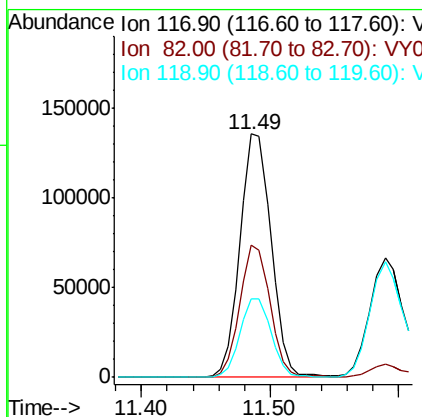
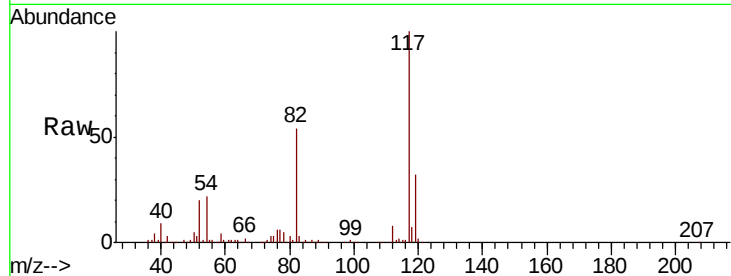
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	41.0	61.6
119	32.2	25.0	37.6

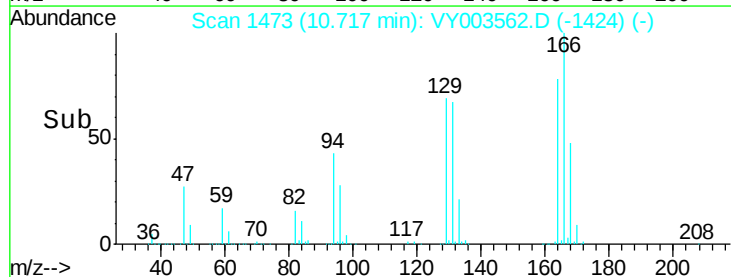
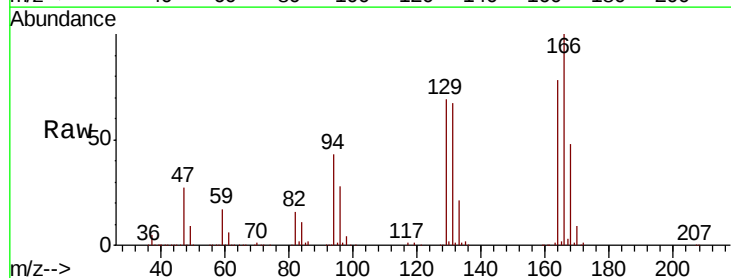
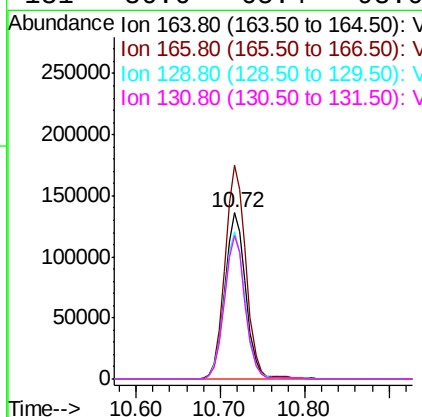
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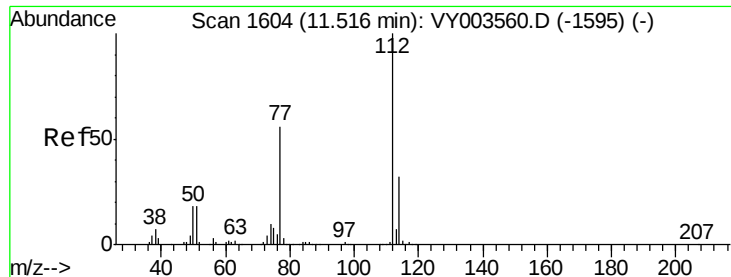
MMDadoda
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#64
Tetrachloroethene
Concen: 135.710 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	99.0	148.4
129	88.6	69.1	103.7
131	86.6	65.4	98.0





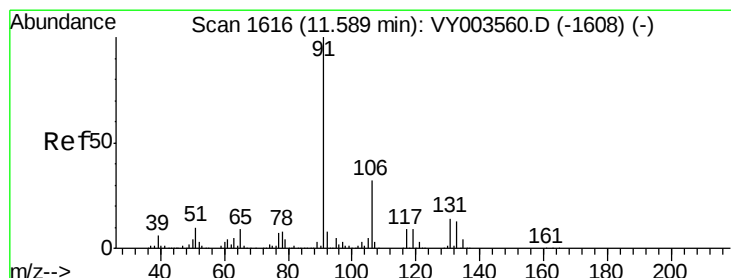
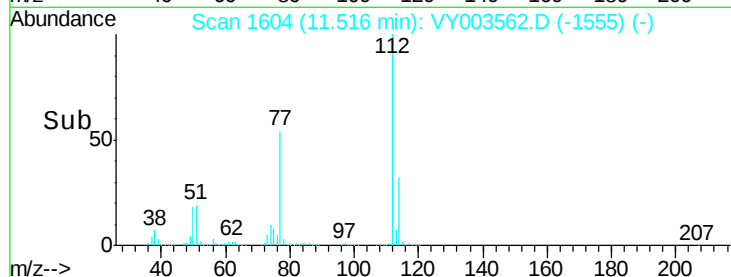
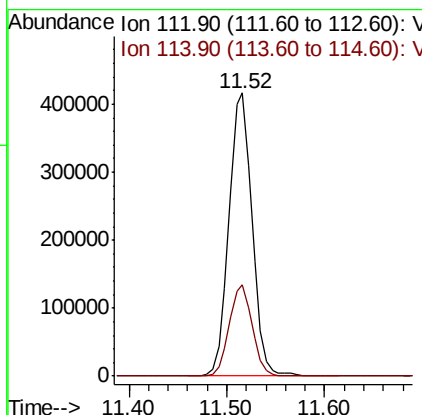
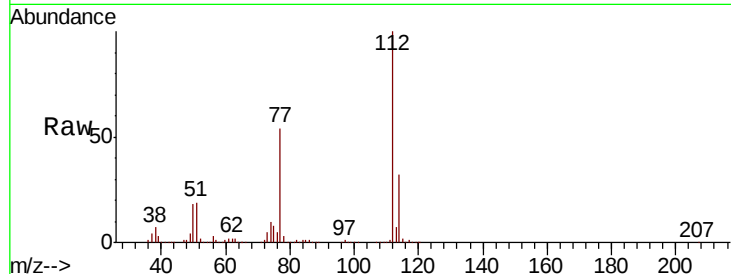
#65
Chlorobenzene
Concen: 138.168 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9

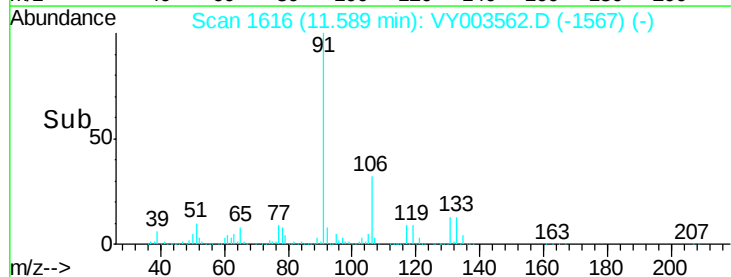
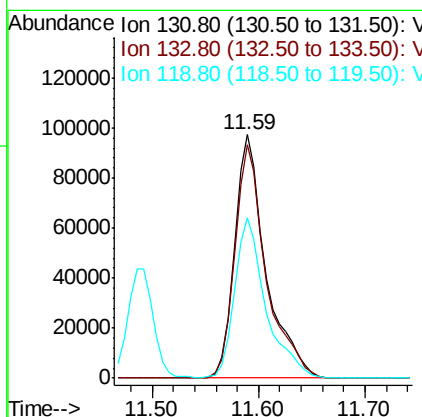
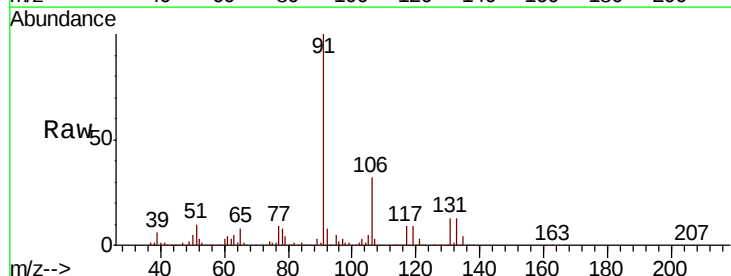
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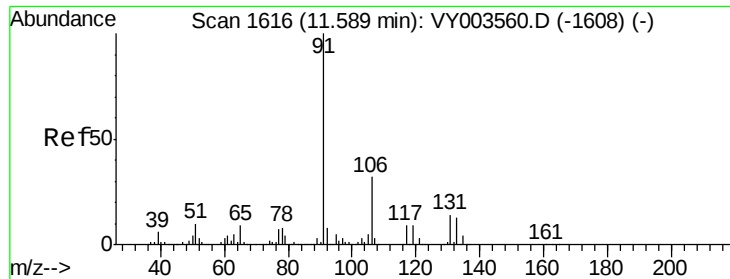
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 141.564 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.1	141.4
119	65.7	32.6	97.7





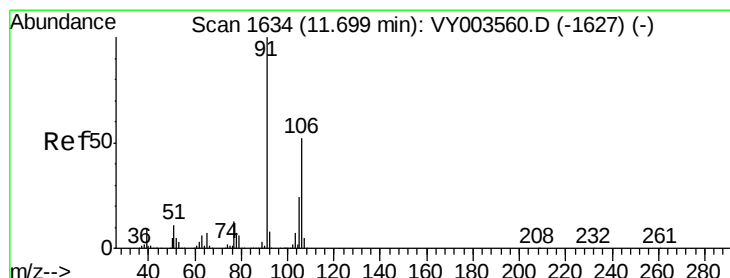
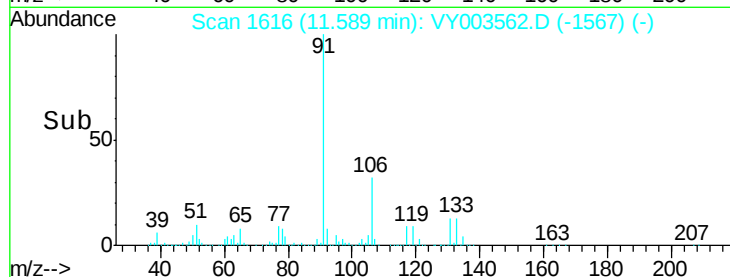
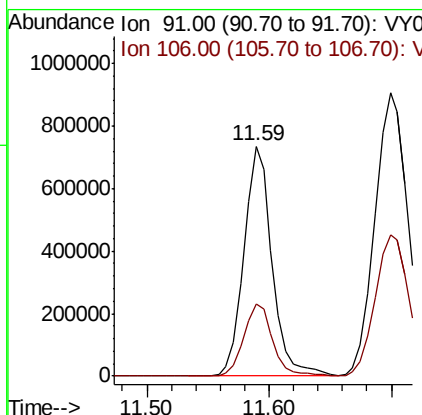
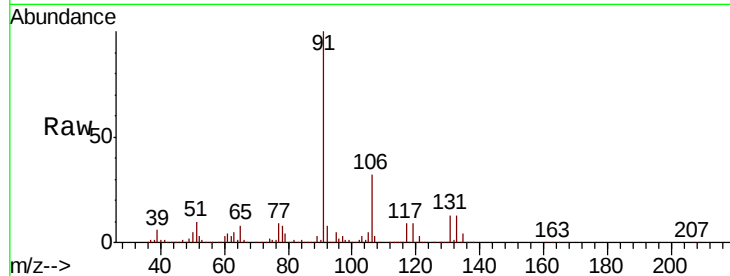
#67
Ethyl Benzene
Concen: 145.125 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1175336
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

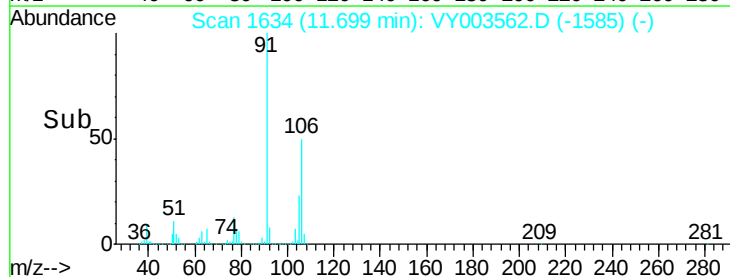
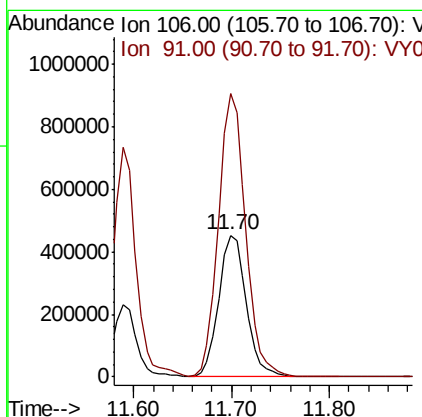
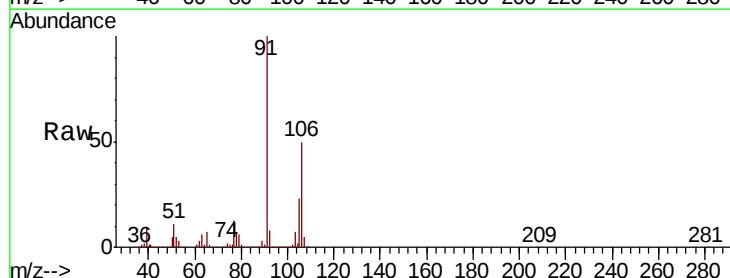
Manual Integrations
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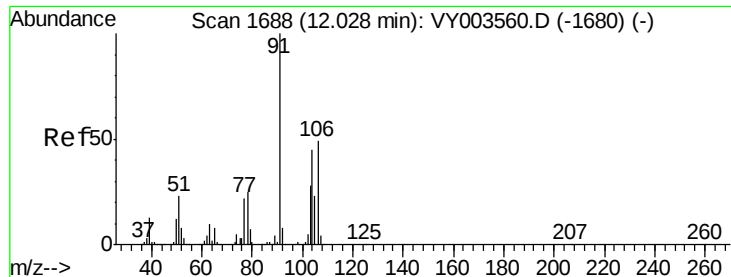
MMDadoda
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#68
m/p-Xylenes
Concen: 285.585 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion: 106 Resp: 885652
Ion Ratio Lower Upper
106 100
91 197.0 154.2 231.4





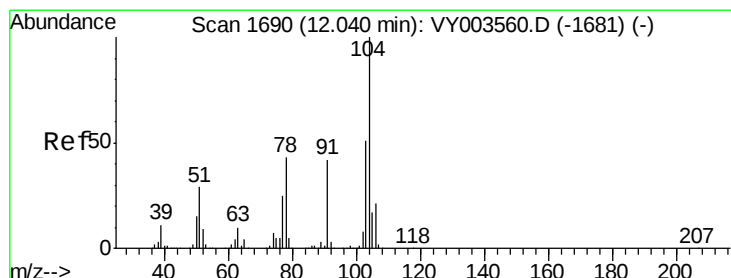
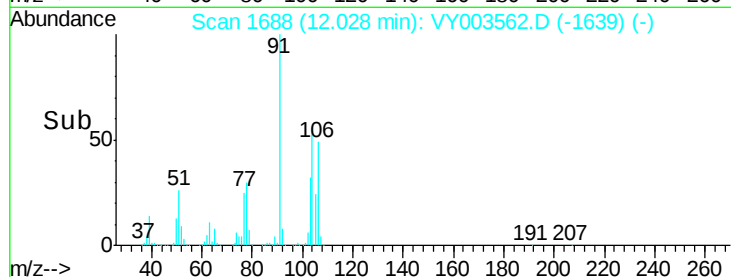
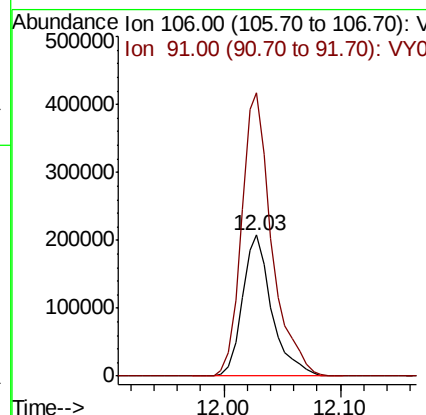
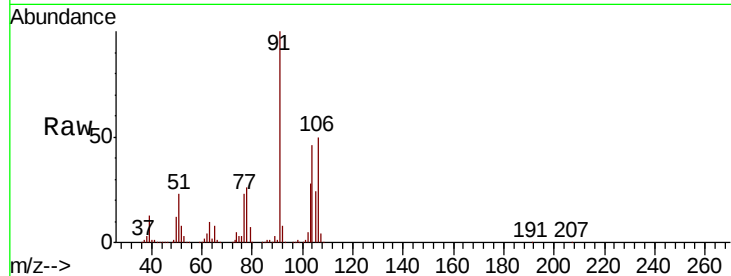
#69
o-Xylene
Concen: 146.106 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	206.6	103.1	309.1	

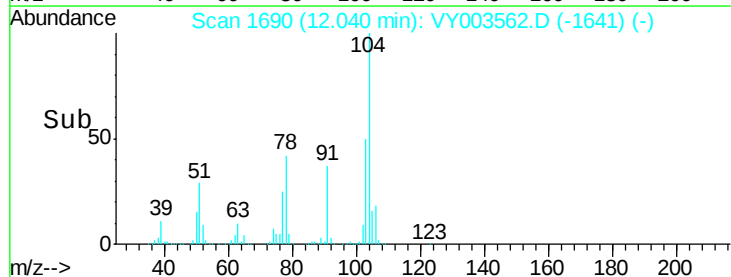
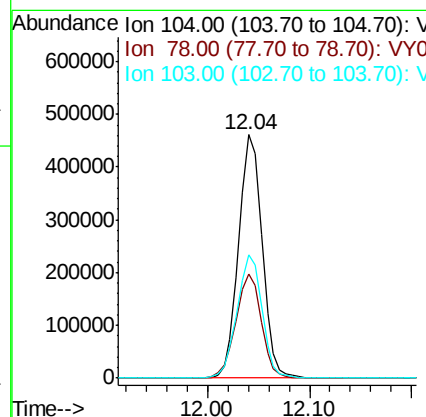
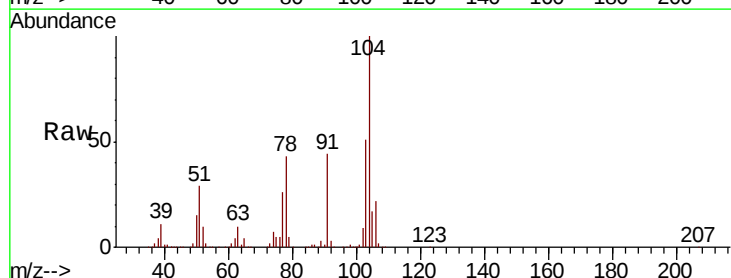
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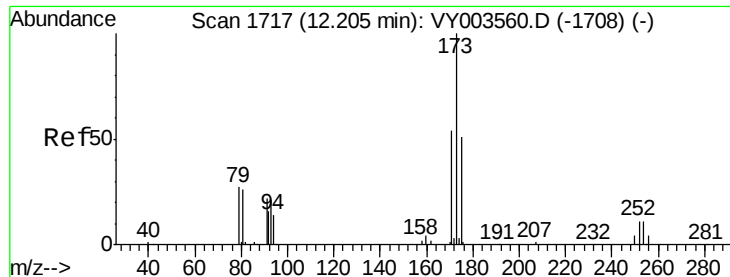
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#70
Styrene
Concen: 146.721 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	46.4	36.6	54.8	
103	53.9	43.6	65.4	





#71

Bromoform

Concen: 141.411 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

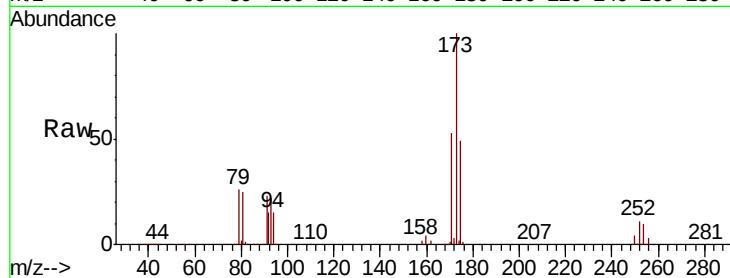
ClientSampleId :

VSTDIC150

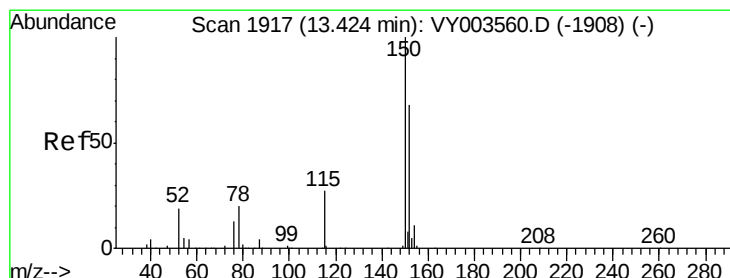
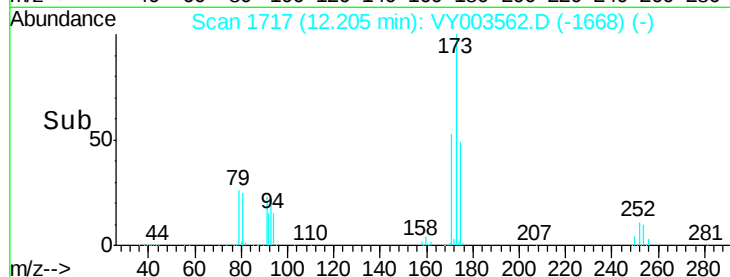
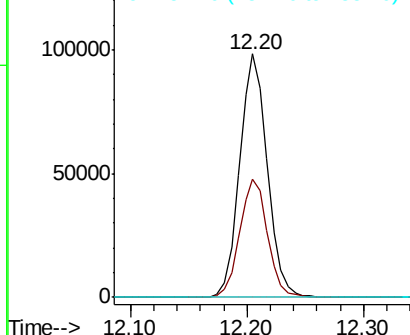
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.6	73.6
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

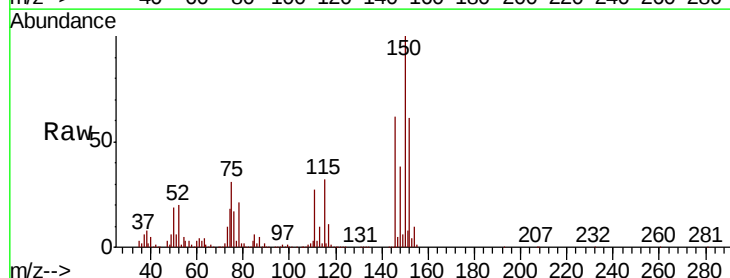
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

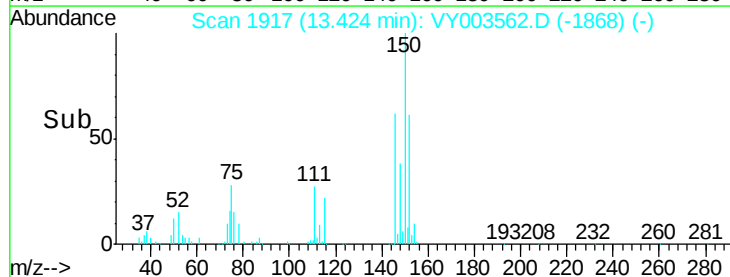
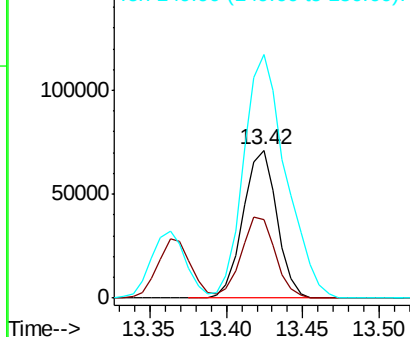
Lab File: VY003562.D

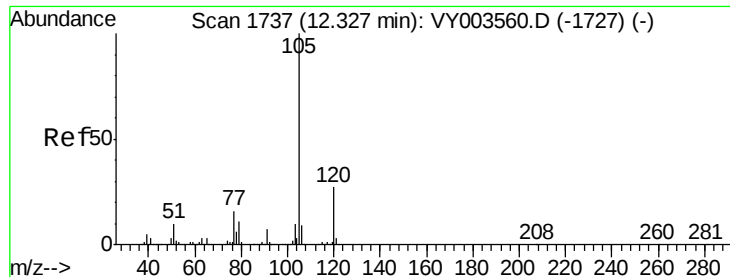
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.4	82.0
150	205.4	0.0	349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 147.631 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 804521

Ion Ratio Lower Upper

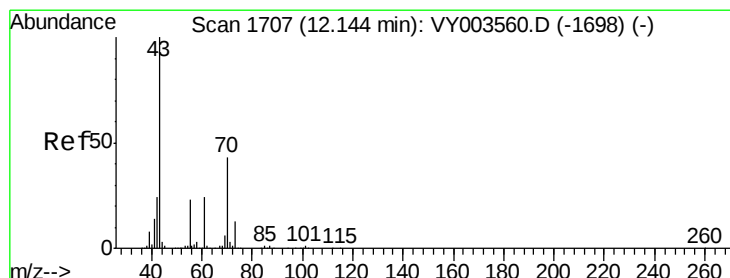
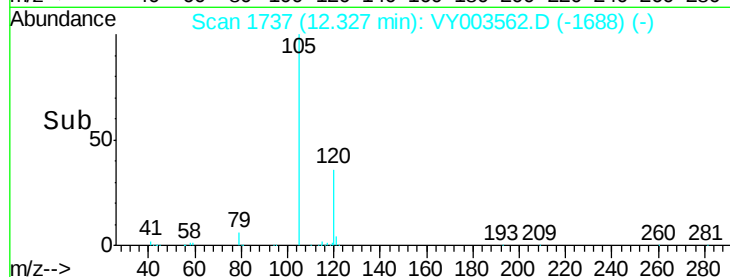
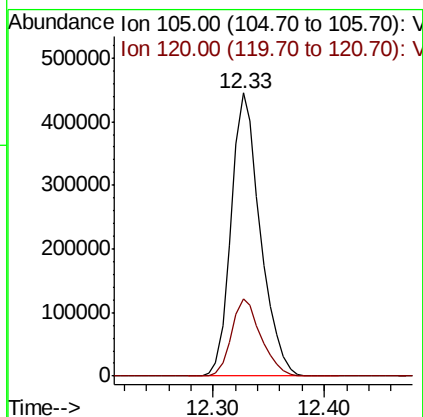
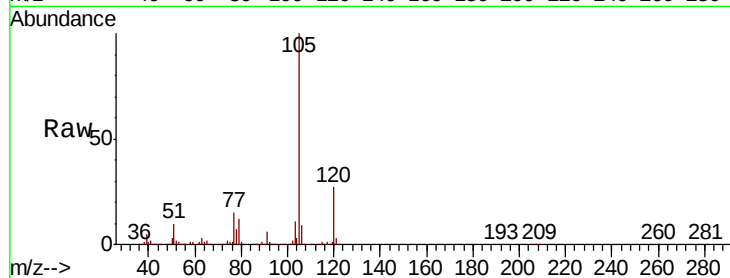
105 100

120 27.5 13.8 41.4

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#74

N-ethyl acetate

Concen: 155.627 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion: 43 Resp: 335869

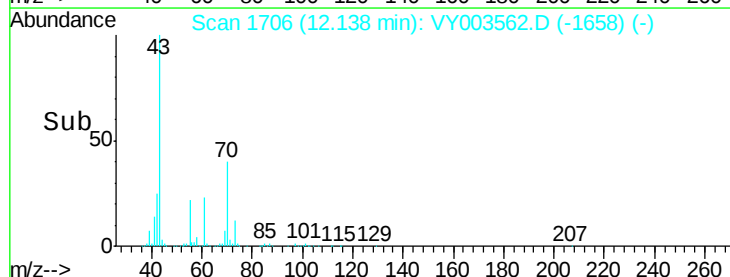
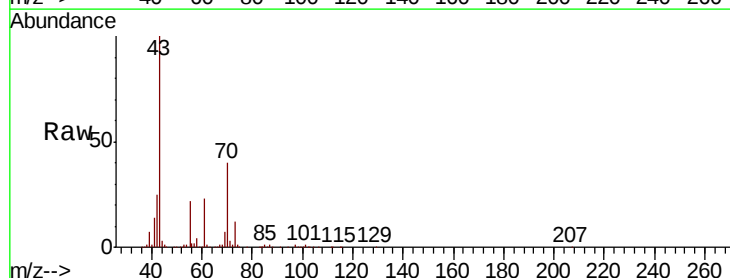
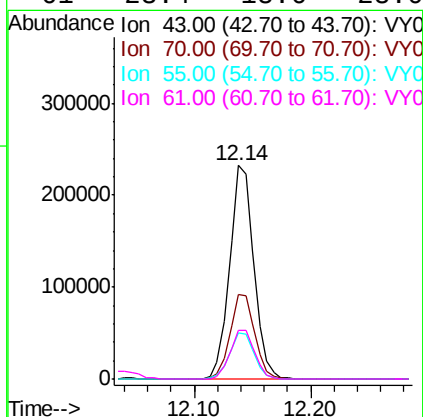
Ion Ratio Lower Upper

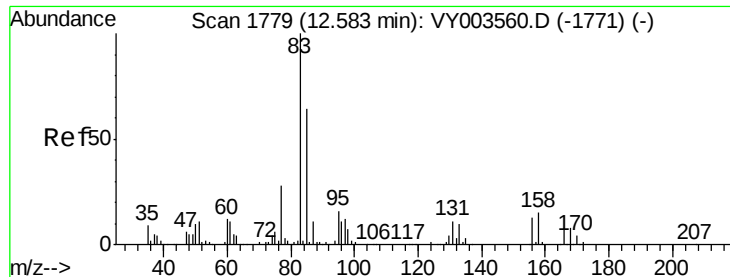
43 100

70 40.2 32.2 48.4

55 22.0 18.6 28.0

61 23.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 139.938 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

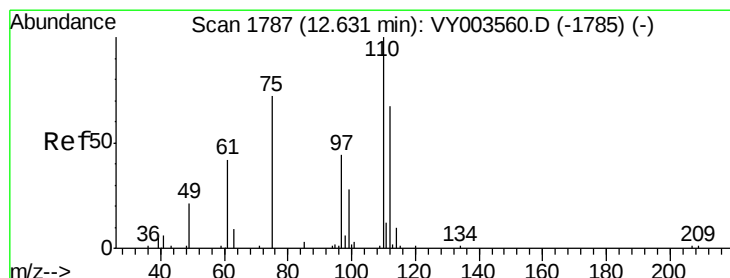
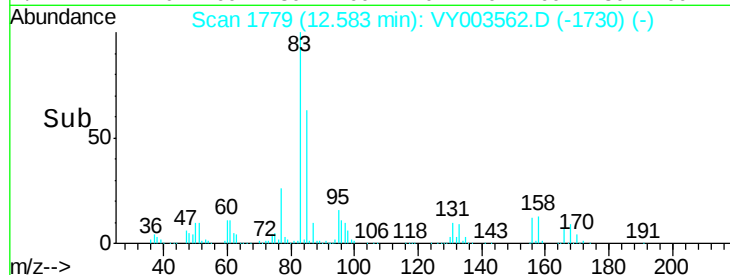
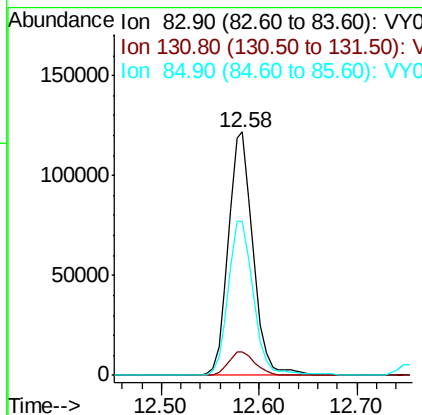
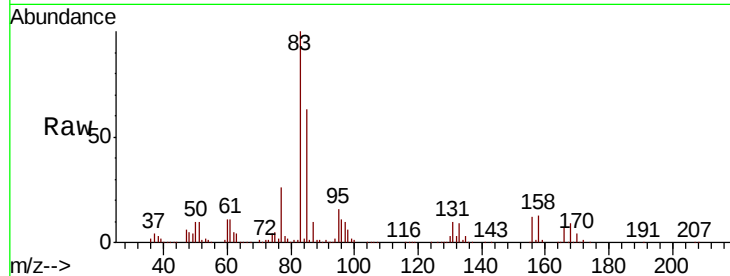
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	212207
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	65.0	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 127.938 ug/l m

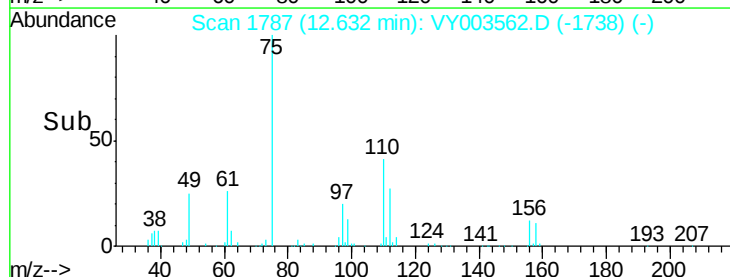
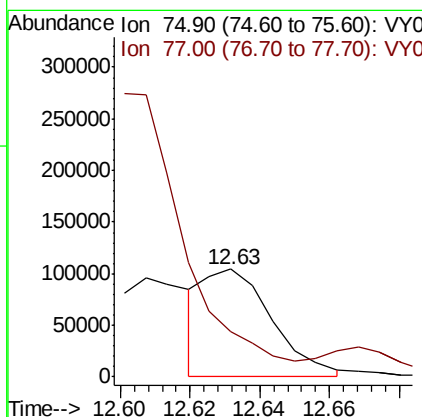
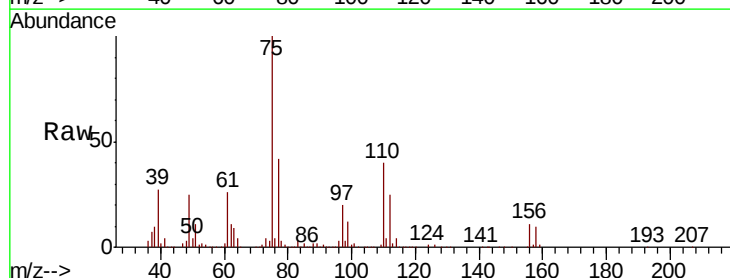
RT: 12.63 min Scan# 1787

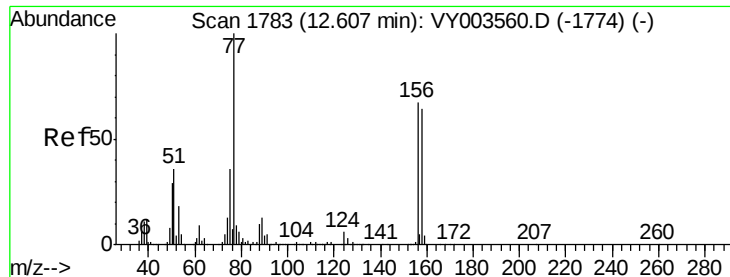
Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion:	75	Resp:	142708
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 140.390 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

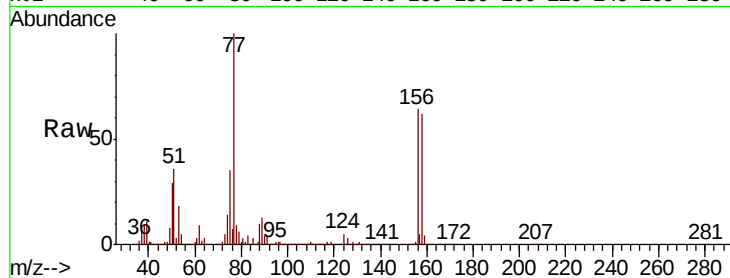
ClientSampleId :

VSTDICC150

Tot Ion:	156	Resp:	281483
Ion Ratio	Lower	Upper	
156	100		
77	176.5	85.7	257.1
158	97.3	48.8	146.4

Manual Integrations
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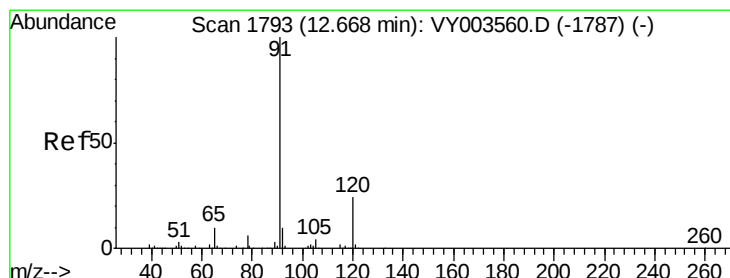
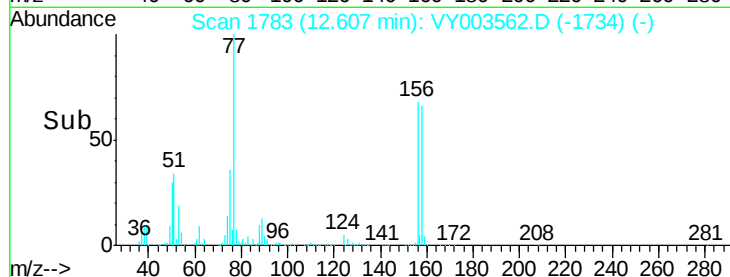
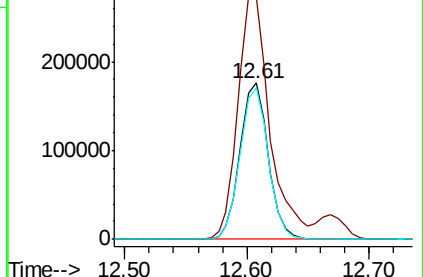
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 145.858 ug/l

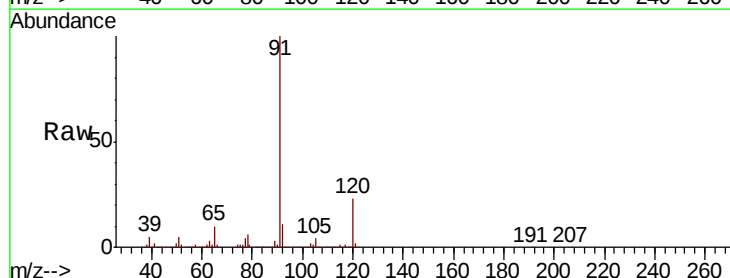
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003562.D

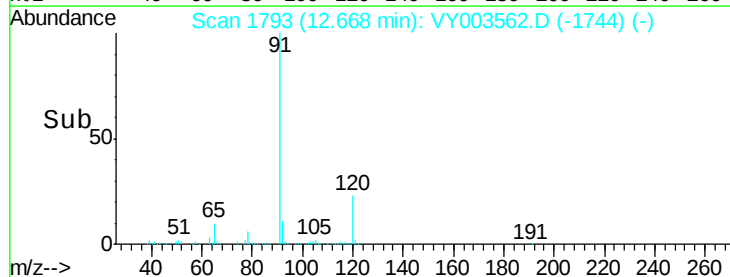
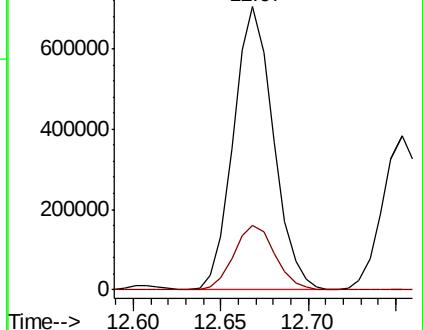
Acq: 20 Nov 2020 12:02

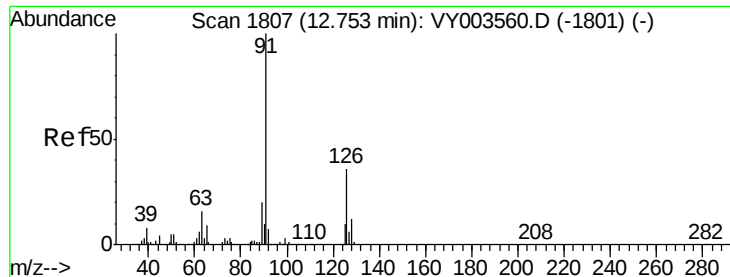
Tgt Ion:	91	Resp:	1116683
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.0	36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.505 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 629756

Ion Ratio Lower Upper

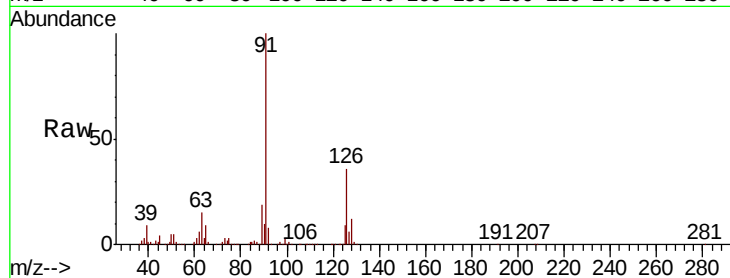
91 100

126 36.3 18.1 54.3

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY003562.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003562.D (-1758) (-)

400000

300000

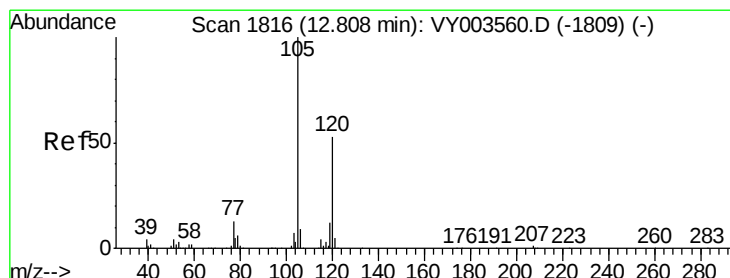
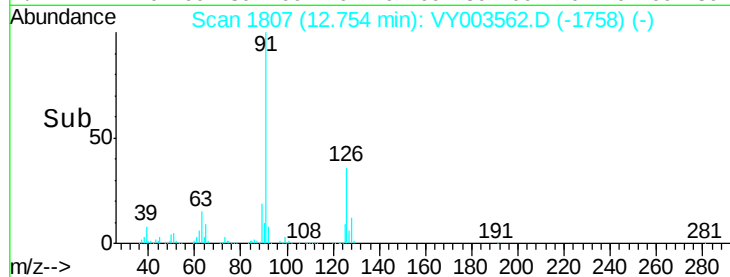
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 138.148 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003562.D

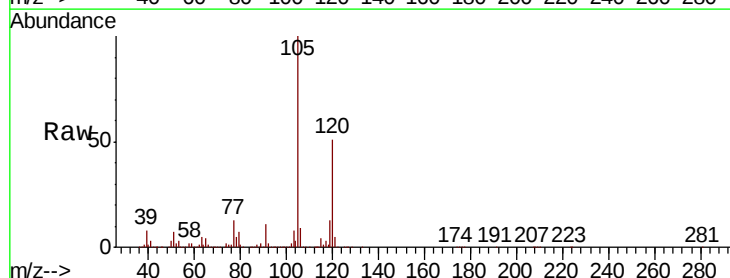
Acq: 20 Nov 2020 12:02

Tgt Ion: 105 Resp: 565840

Ion Ratio Lower Upper

105 100

120 50.9 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): VY003562.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003562.D (-1767) (-)

400000

300000

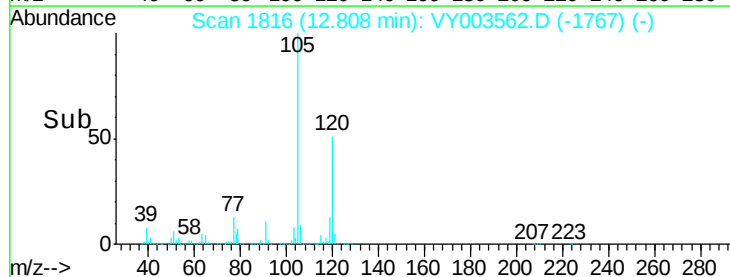
200000

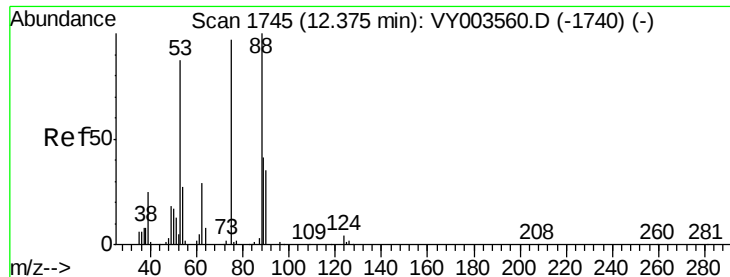
100000

0

12.70 12.80 12.90

Time-->





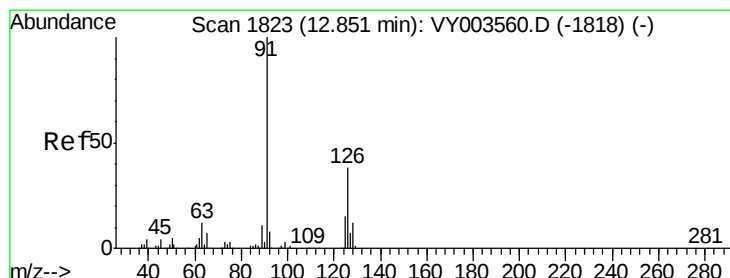
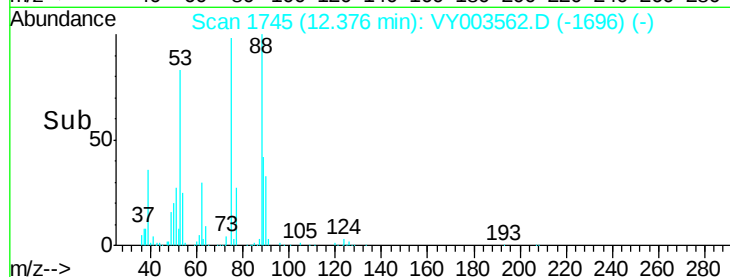
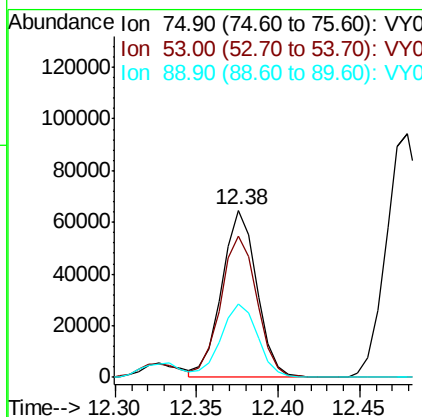
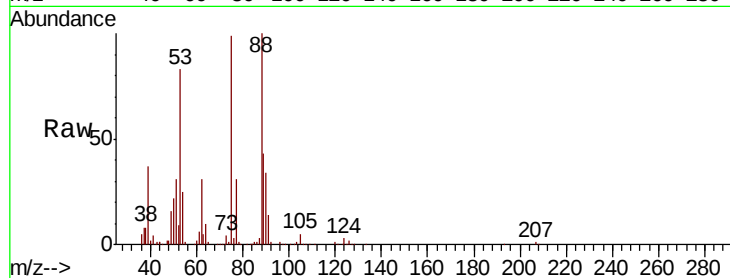
#81
trans-1,4-Dichloro-2-butene
Concen: 144.422 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	71.4	107.2
89	46.2	34.7	52.1

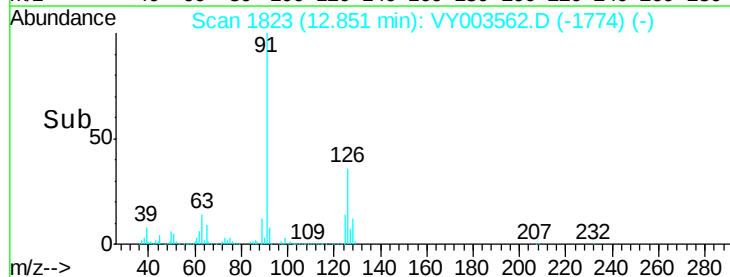
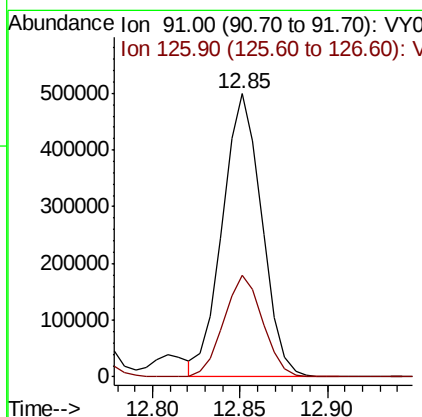
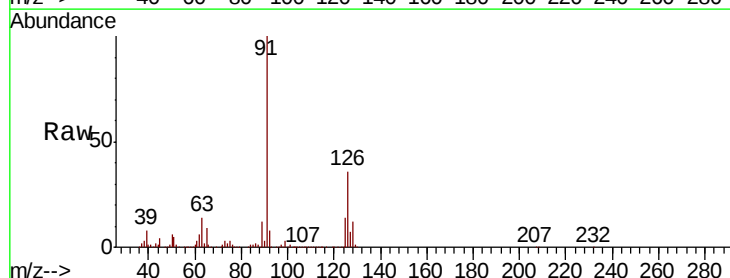
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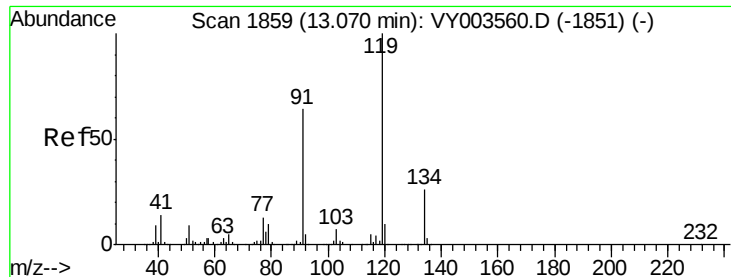
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#82
4-Chlorotoluene
Concen: 144.198 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	18.1	54.3





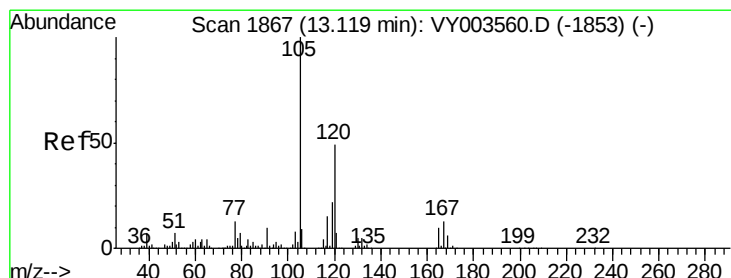
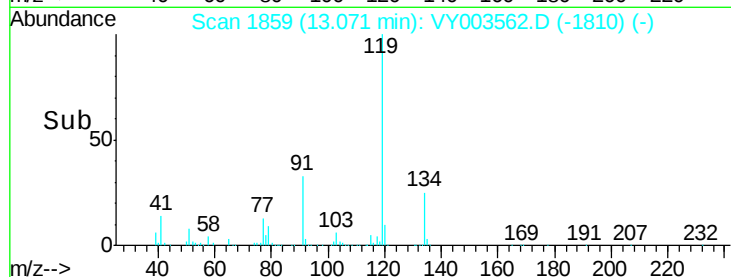
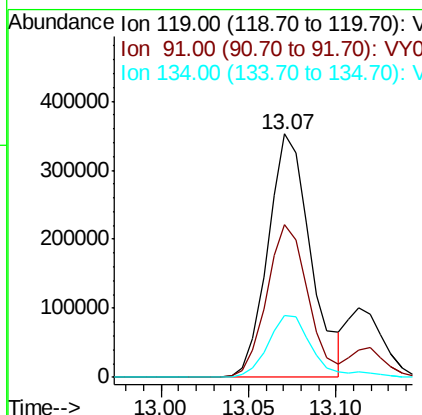
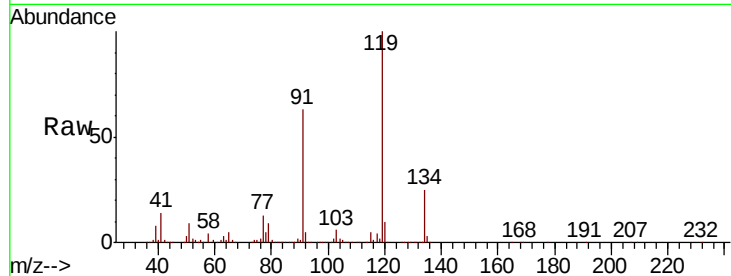
#83
tert-Butylbenzene
Concen: 144.322 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	31.8	95.3
134	26.9	14.1	42.2

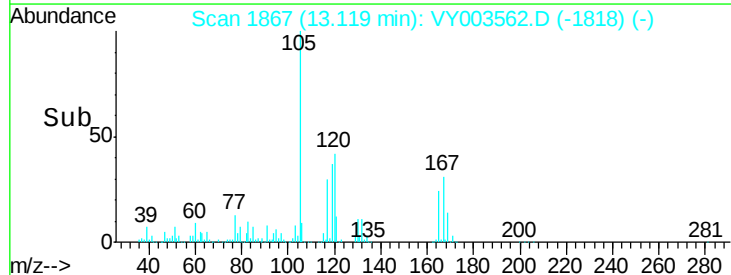
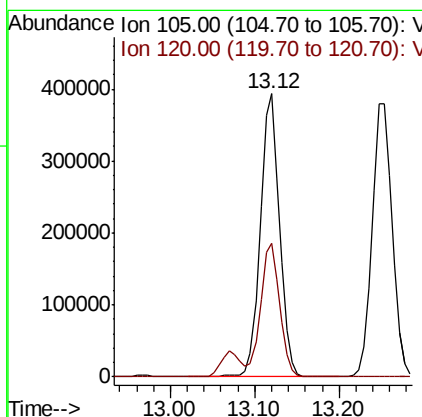
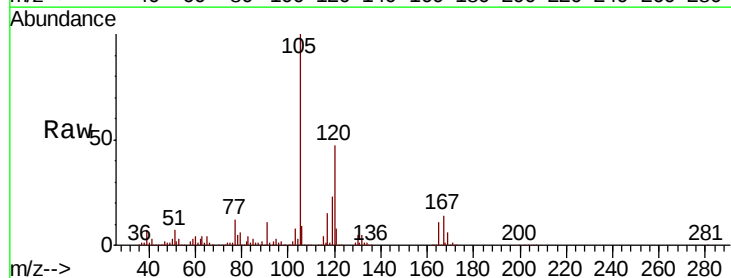
Manual Integrations
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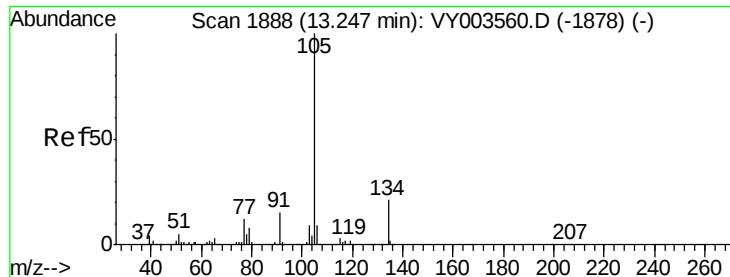
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#84
1,2,4-Trimethylbenzene
Concen: 140.923 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.8	71.4





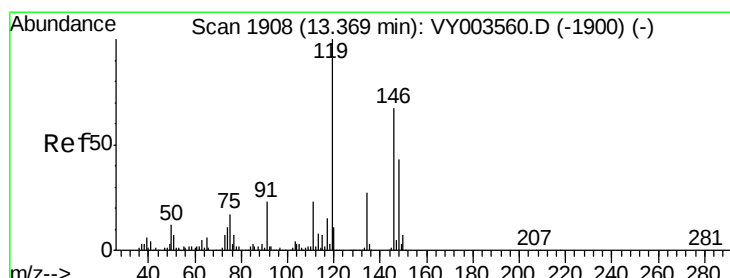
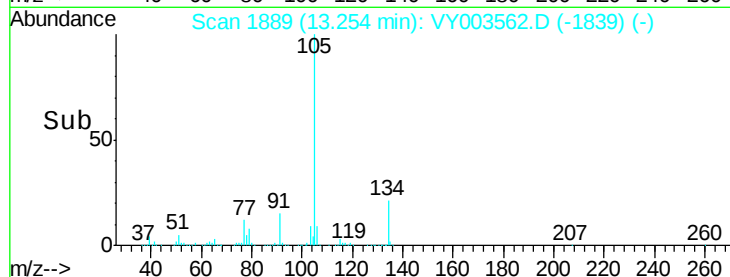
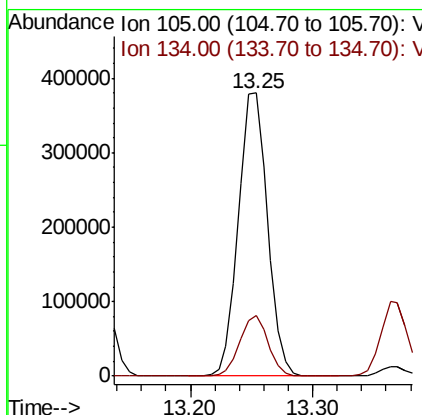
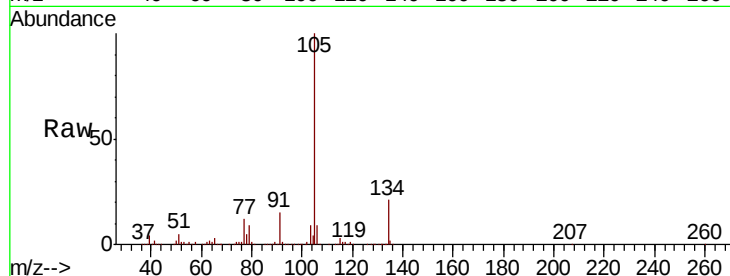
#85
 sec-Butylbenzene
 Concen: 133.726 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

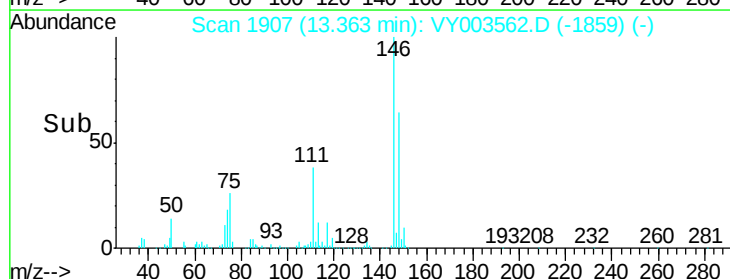
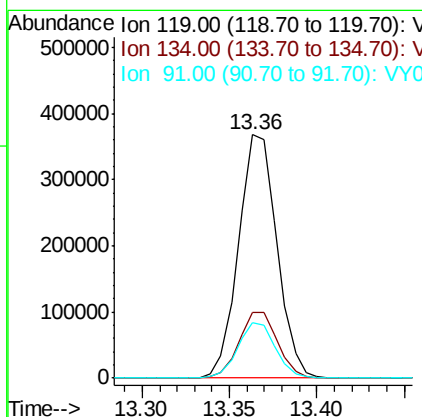
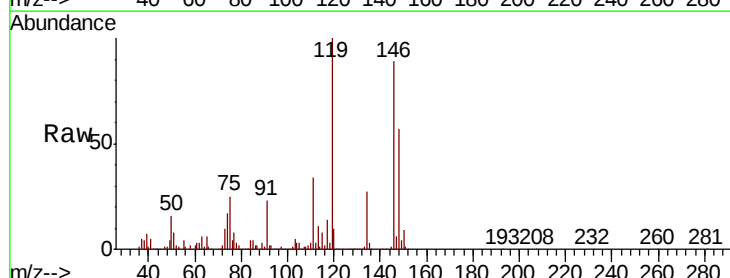
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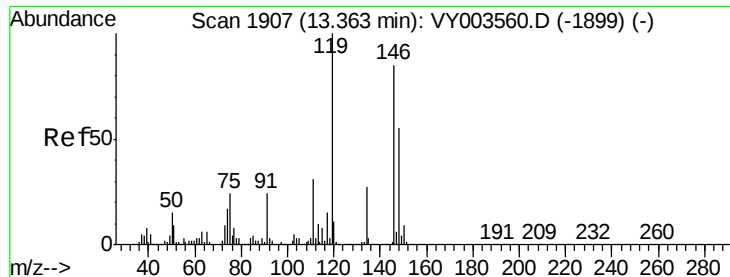
MMDadoda
 11/23/2020 1:39:31 PM



#86
 p-Isopropyltoluene
 Concen: 133.258 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.8	41.4
91	22.4	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 138.771 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

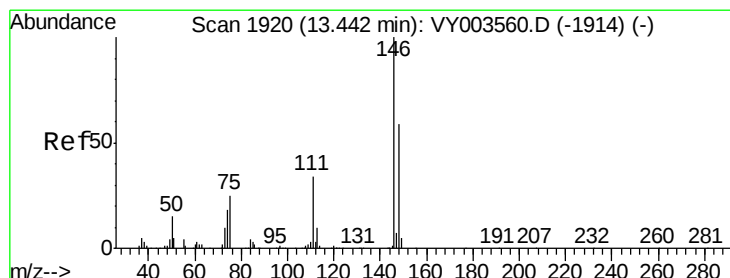
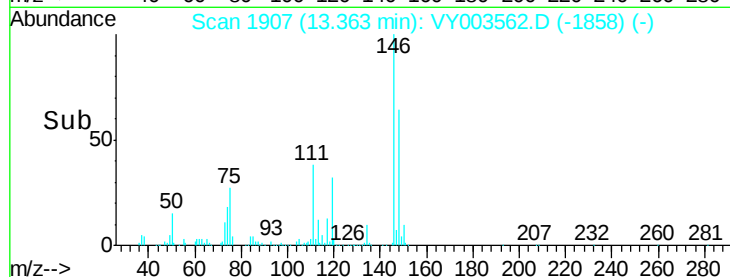
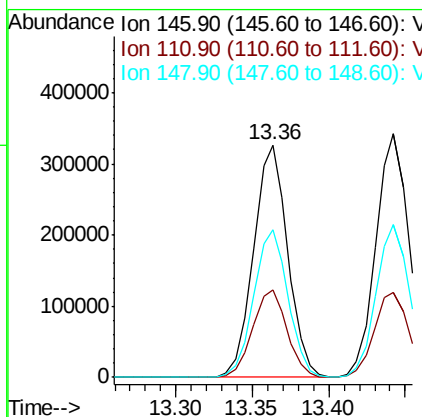
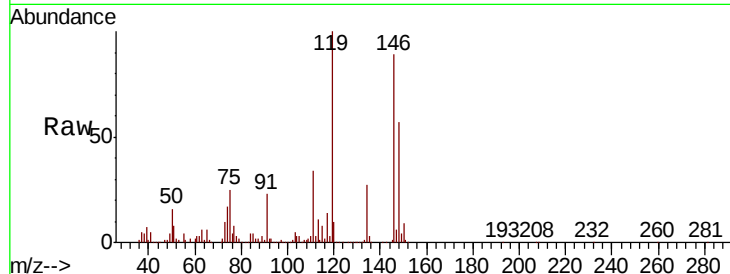
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.3	54.9
148	63.9	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 137.691 ug/l

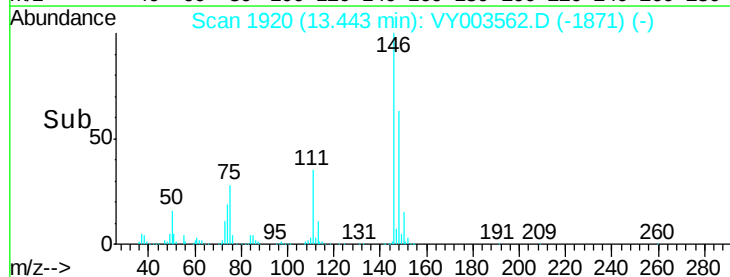
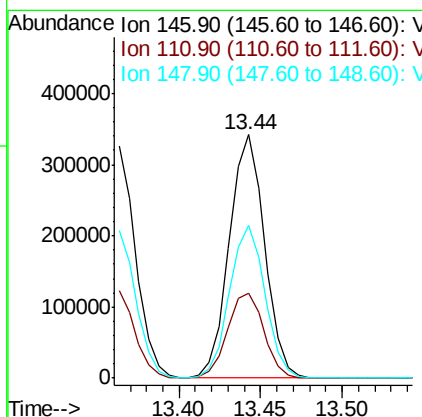
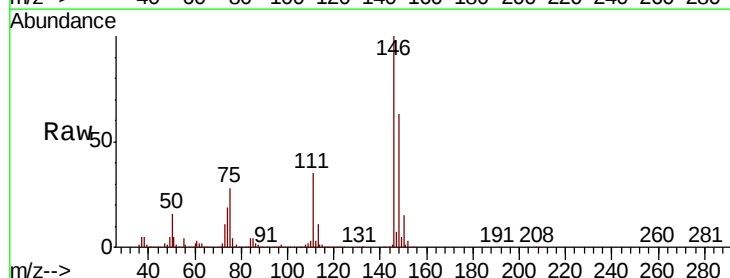
RT: 13.44 min Scan# 1920

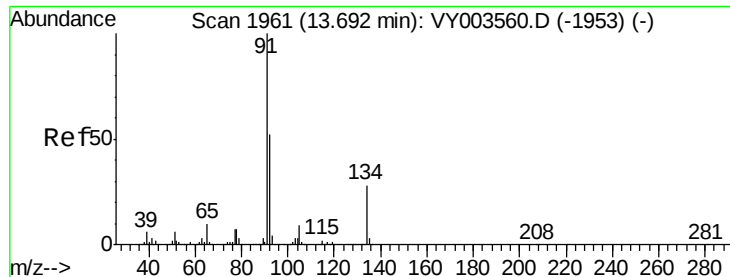
Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.8	53.4
148	63.2	31.1	93.2





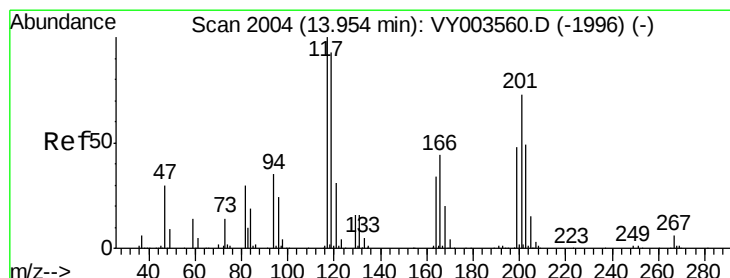
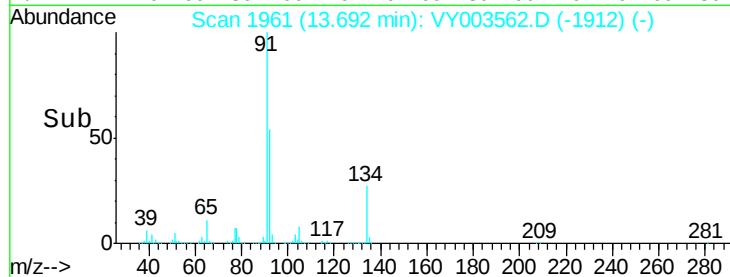
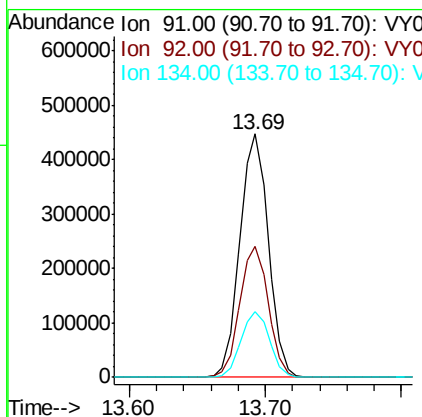
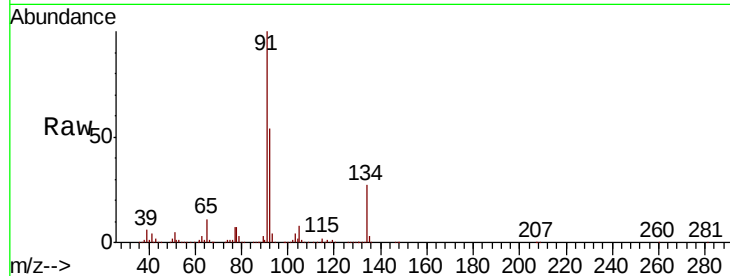
#89
n-Butylbenzene
Concen: 145.015 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.4	79.0
134	27.2	13.9	41.7

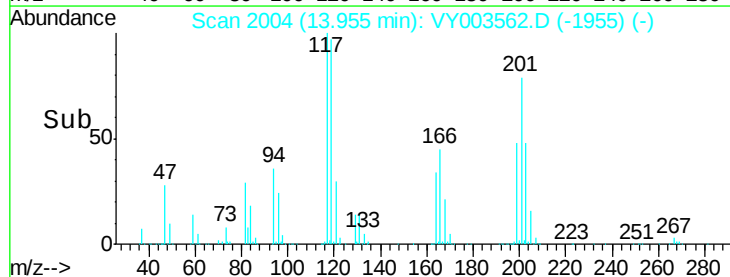
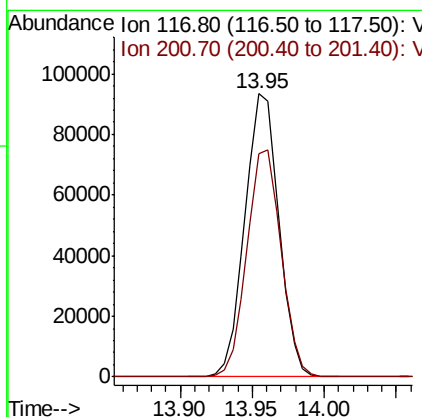
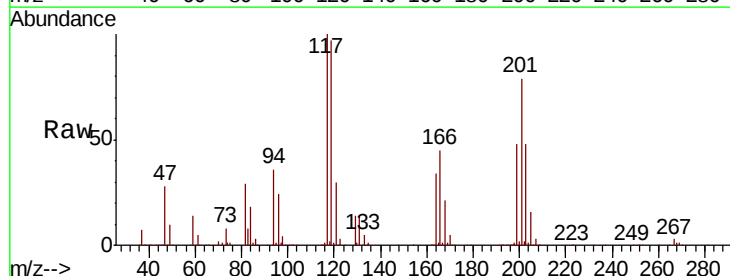
Manual Integrations
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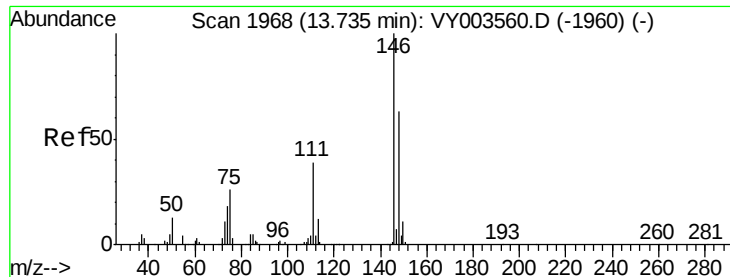
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#90
Hexachloroethane
Concen: 136.961 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.9	41.3	123.9





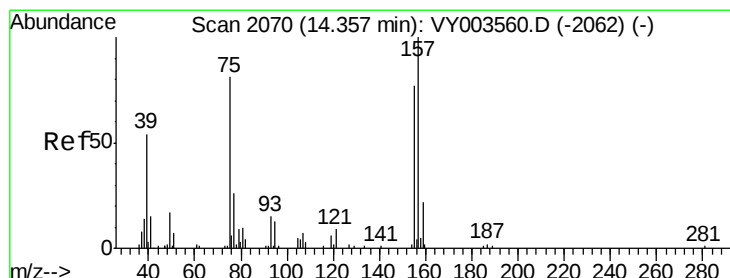
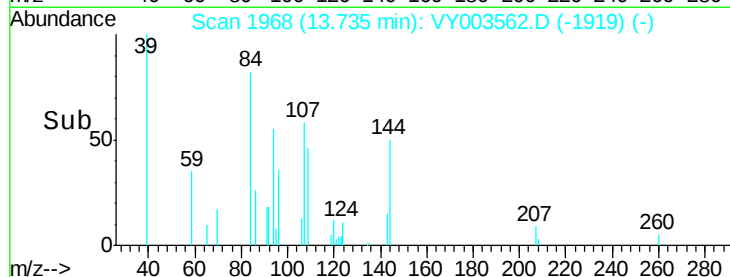
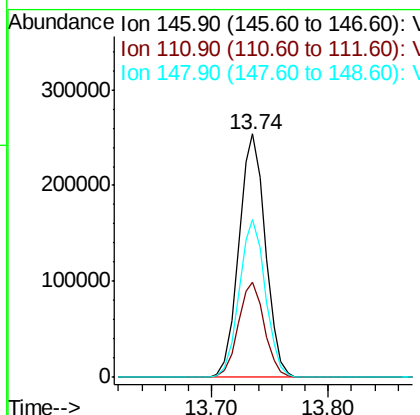
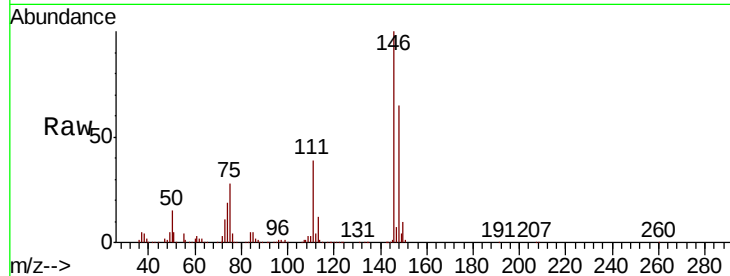
#91
 1,2-Dichlorobenzene
 Concen: 137.631 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.5
148	64.1	31.9	95.7

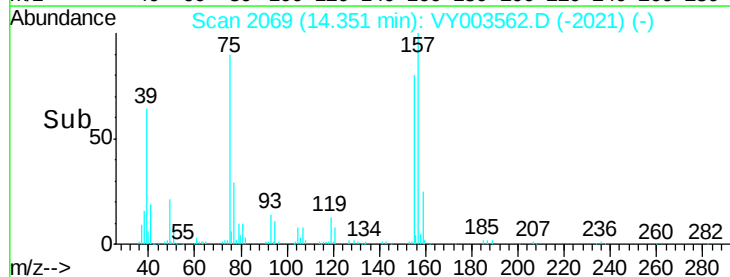
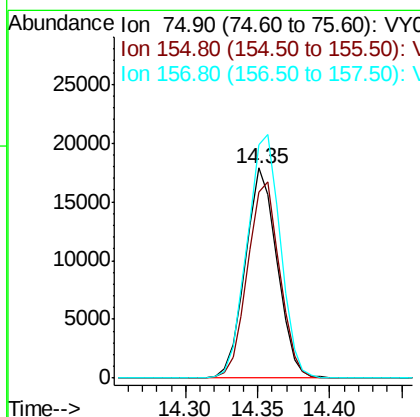
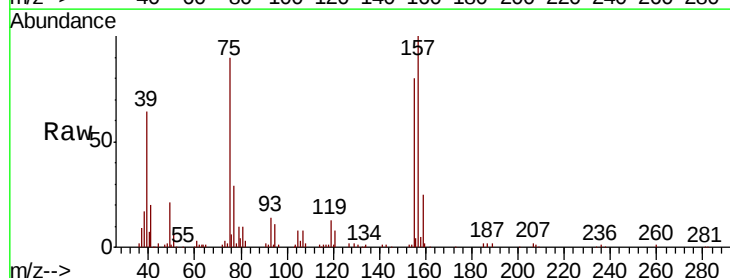
Manual Integrations
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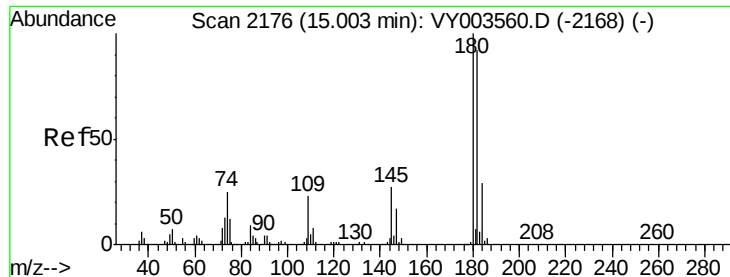
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 138.062 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	45.4	136.2
157	120.8	59.7	179.1





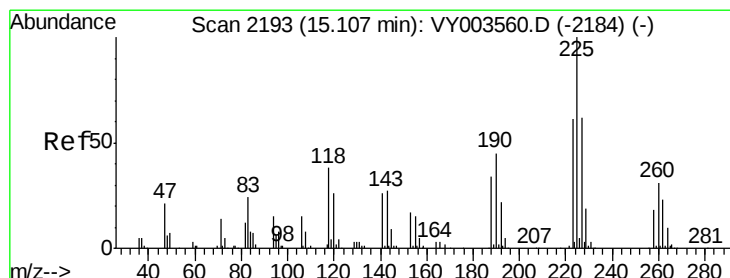
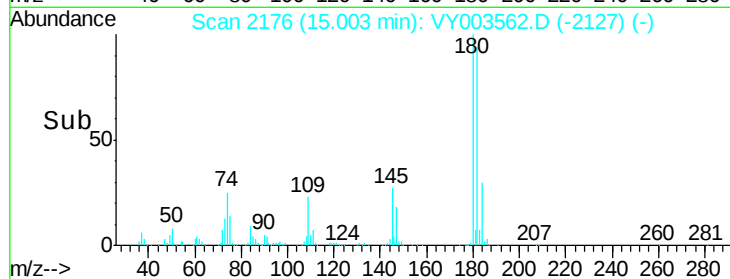
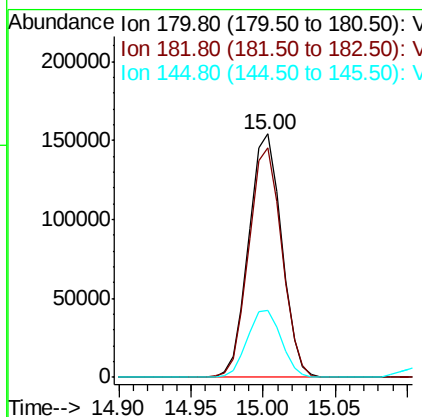
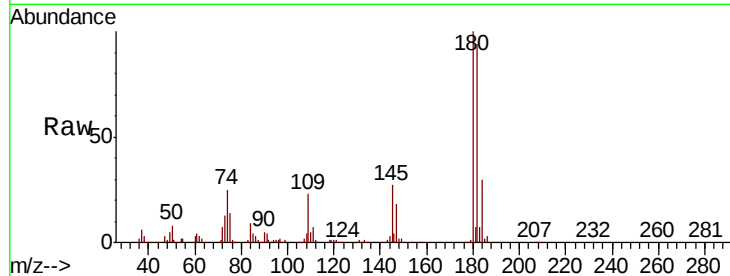
#93
1,2,4-Trichlorobenzene
Concen: 149.409 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244103		
182	94.5	47.4	142.3	
145	28.3	14.1	42.4	

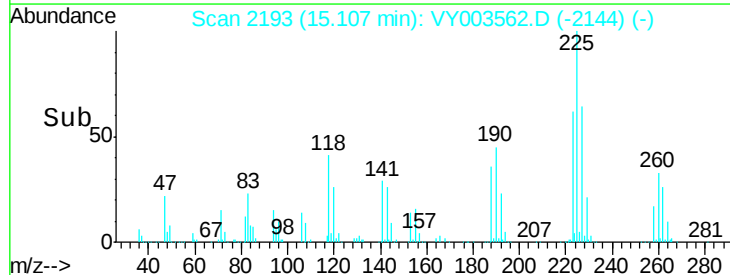
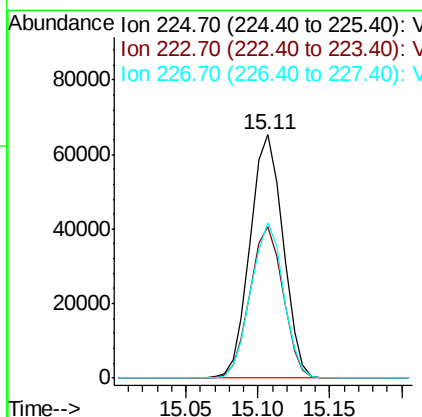
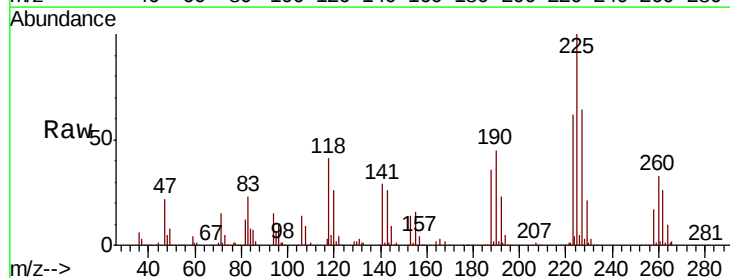
Manual Integrations
APPROVED

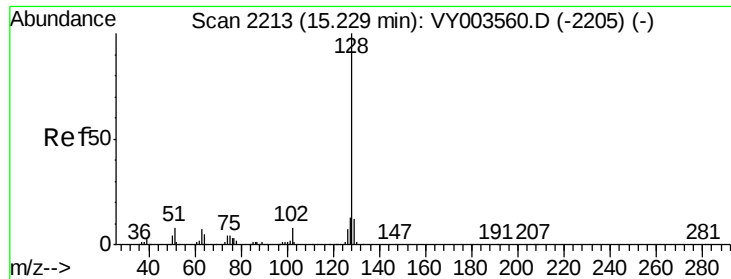
MMDadoda
11/23/2020 1:39:31 PM



#94
Hexachlorobutadiene
Concen: 111.207 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103278		
223	62.5	32.0	96.0	
227	63.3	31.6	94.7	





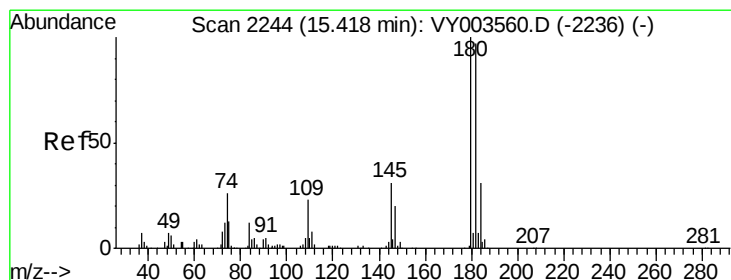
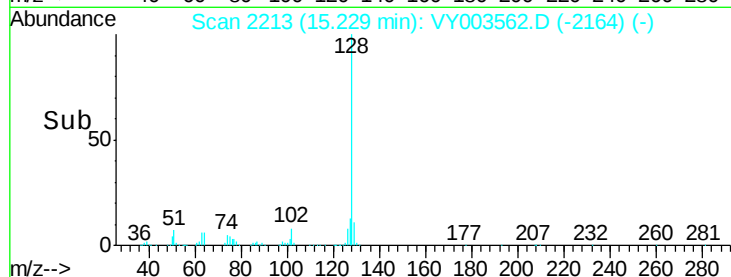
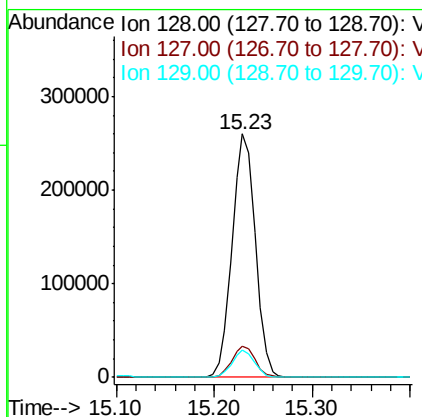
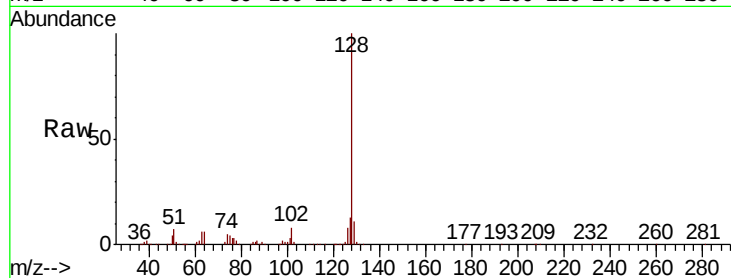
#95
Naphthalene
Concen: 153.759 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 144.294 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	29.9	15.5	46.5

