

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002248.D
 Acq On : 08 Apr 2020 13:16
 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

MMDadoda
 4/9/2020 11:31:57 AM

Quant Time: Apr 08 15:18:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	156632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	287813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	252539	144.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.96%	
35) Dibromofluoromethane	7.74	113	255041	148.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.84%	
50) Toluene-d8	10.19	98	1047186	146.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.18%	
62) 4-Bromofluorobenzene	12.49	95	334990	141.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	233655	147.601	ug/l	95
3) Chloromethane	2.12	50	285434	143.268	ug/l	99
4) Vinyl Chloride	2.26	62	300385	141.651	ug/l	99
5) Bromomethane	2.65	94	160363	122.458	ug/l	99
6) Chloroethane	2.80	64	172683	141.198	ug/l	96
7) Trichlorofluoromethane	3.13	101	392806	143.433	ug/l	96
8) Diethyl Ether	3.54	74	171998	147.734	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	267899	144.010	ug/l	99
10) Methyl Iodide	4.11	142	352729	163.122	ug/l	99
11) Tert butyl alcohol	4.99	59	123401	538.494	ug/l	97
12) 1,1-Dichloroethene	3.89	96	275098	145.455	ug/l	96
13) Acrolein	3.75	56	160571	714.950	ug/l	100
14) Allyl chloride	4.50	41	434179	142.163	ug/l	98
15) Acrylonitrile	5.19	53	415007	697.058	ug/l	99
16) Acetone	3.97	43	294273	641.431	ug/l	96
17) Carbon Disulfide	4.21	76	925290	147.313	ug/l	99
18) Methyl Acetate	4.50	43	194136	136.425	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	712340	143.266	ug/l	97
20) Methylene Chloride	4.74	84	306714	136.018	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	308174	145.168	ug/l	98
22) Diisopropyl ether	6.14	45	839557	136.597	ug/l	97
23) Vinyl Acetate	6.08	43	2690711	686.975	ug/l	98
24) 1,1-Dichloroethane	6.04	63	500019	143.029	ug/l	99
25) 2-Butanone	7.01	43	475812	655.357	ug/l	99
26) 2,2-Dichloropropane	7.00	77	401479	137.287	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	335405	144.939	ug/l	97
28) Bromochloromethane	7.35	49	215378	142.718	ug/l	97
29) Tetrahydrofuran	7.36	42	314220	654.726	ug/l	97
30) Chloroform	7.52	83	477200	144.807	ug/l	99
31) Cyclohexane	7.80	56	495898	135.136	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	403854	147.236	ug/l	99
36) 1,1-Dichloropropene	7.93	75	399436	140.899	ug/l	98
37) Ethyl Acetate	7.10	43	213182	131.632	ug/l	99
38) Carbon Tetrachloride	7.91	117	350961	144.732	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	548661	142.274	ug/l	96
40) Benzene	8.18	78	1227296	142.690	ug/l	99
41) Methacrylonitrile	7.35	41	132233m	123.593	ug/l	
42) 1,2-Dichloroethane	8.25	62	299821	140.720	ug/l	99
43) Isopropyl Acetate	8.28	43	408249	138.218	ug/l	99
44) Trichloroethene	8.95	130	354660	140.250	ug/l	96
45) 1,2-Dichloropropane	9.23	63	302617	141.801	ug/l	99
46) Dibromomethane	9.32	93	158455	142.007	ug/l	99
47) Bromodichloromethane	9.50	83	377544	147.461	ug/l	99
48) Methyl methacrylate	9.30	41	182345	137.681	ug/l	96
49) 1,4-Dioxane	9.31	88	43829	2776.798	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	1023814	665.202	ug/l	100
52) Toluene	10.25	92	741039	142.961	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	409555	146.817	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	489787	146.043	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	233015	142.637	ug/l	99
56) Ethyl methacrylate	10.52	69	337281	144.657	ug/l	97
57) 1,3-Dichloropropane	10.80	76	405387	141.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	834743	691.354	ug/l	99
59) 2-Hexanone	10.84	43	706198	661.123	ug/l	99
60) Dibromochloromethane	10.99	129	259213	148.807	ug/l	100
61) 1,2-Dibromoethane	11.10	107	221719	142.564	ug/l	99
64) Tetrachloroethene	10.72	164	355451	135.731	ug/l	96
65) Chlorobenzene	11.52	112	759088	140.981	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	253777	142.756	ug/l	99
67) Ethyl Benzene	11.60	91	1377285	139.727	ug/l	99
68) m/p-Xylenes	11.70	106	1025240	277.701	ug/l	99
69) o-Xylene	12.03	106	484831	139.879	ug/l	98
70) Styrene	12.05	104	842882	140.166	ug/l	100
71) Bromoform	12.21	173	142985	147.906	ug/l #	99
73) Isopropylbenzene	12.33	105	1264666	145.690	ug/l	99
74) N-amyl acetate	12.14	43	344776	139.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	161908	154.164	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	202893m	91.654	ug/l	
77) Bromobenzene	12.61	156	278442	145.797	ug/l	99
78) n-propylbenzene	12.67	91	1547028	143.296	ug/l	100
79) 2-Chlorotoluene	12.76	91	849628	144.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1033001	143.891	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	99077	150.188	ug/l	98
82) 4-Chlorotoluene	12.86	91	869282	141.362	ug/l	99
83) tert-Butylbenzene	13.08	119	855545	142.274	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	1026100	143.134	ug/l	100
85) sec-Butylbenzene	13.26	105	1248772	139.403	ug/l	100
86) p-Isopropyltoluene	13.38	119	1072423	139.098	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	510966	138.053	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	525597	139.897	ug/l	99
89) n-Butylbenzene	13.70	91	1083111	137.055	ug/l	100
90) Hexachloroethane	13.97	117	213623	145.404	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	475858	141.490	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36217	142.584	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	303738	138.171	ug/l	98
94) Hexachlorobutadiene	15.12	225	150585	136.006	ug/l	98
95) Naphthalene	15.24	128	696115	144.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	264061	138.339	ug/l	99

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

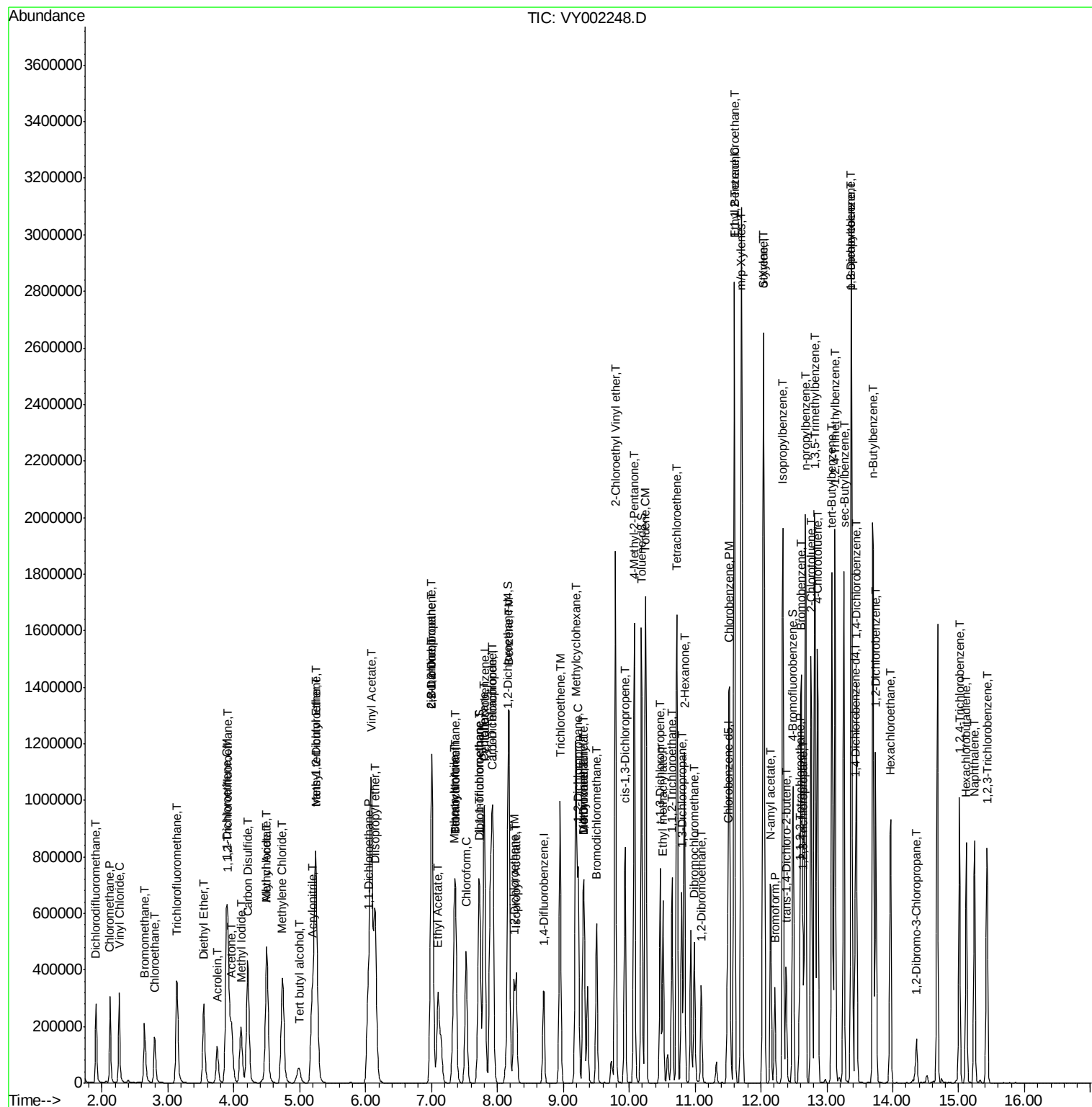
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
Data File : VY002248.D
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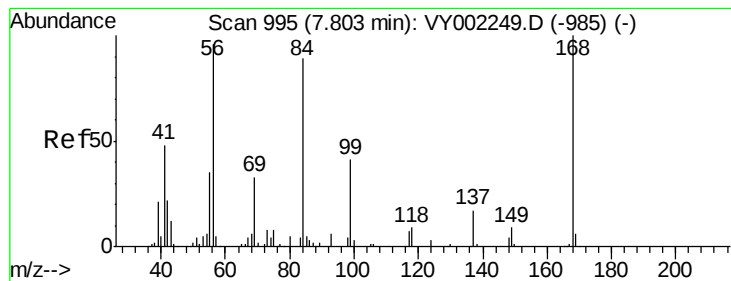
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 156632

Ion Ratio Lower Upper

168 100

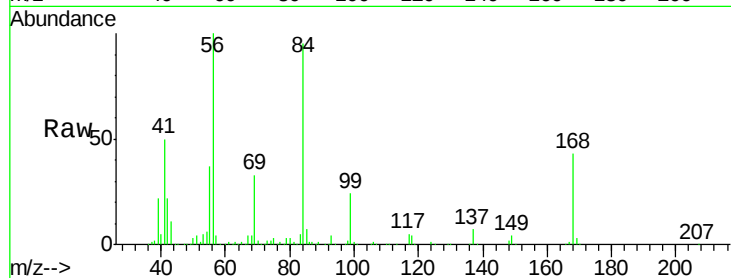
99 55.7 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

100000

80000

60000

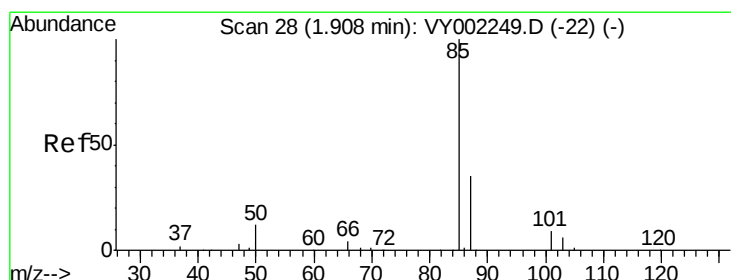
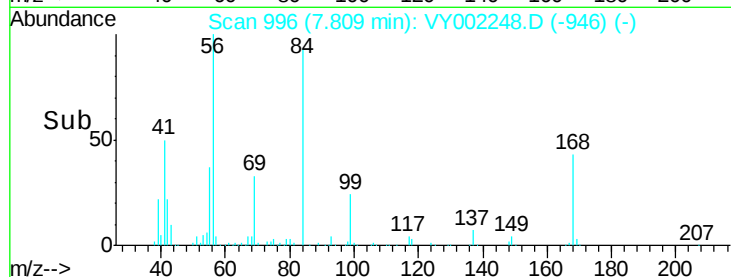
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 147.601 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002248.D

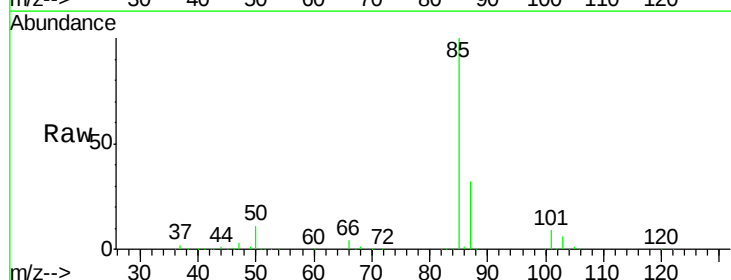
Acq: 08 Apr 2020 13:16

Tgt Ion: 85 Resp: 233655

Ion Ratio Lower Upper

85 100

87 31.7 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

150000

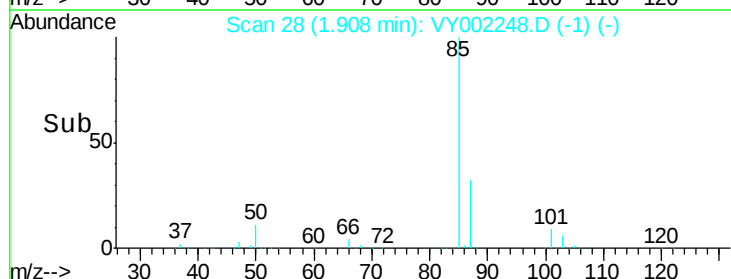
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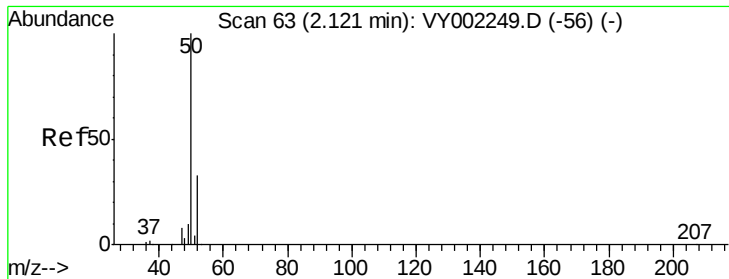
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 143.268 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 285434

Ion Ratio Lower Upper

50 100

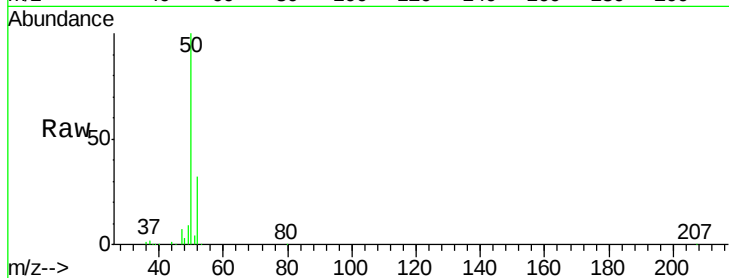
52 32.4 26.6 39.8

Manual Integrations

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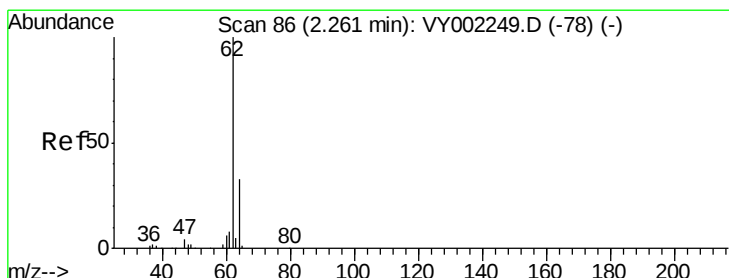
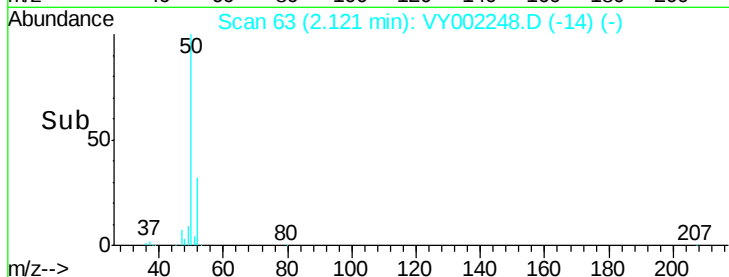
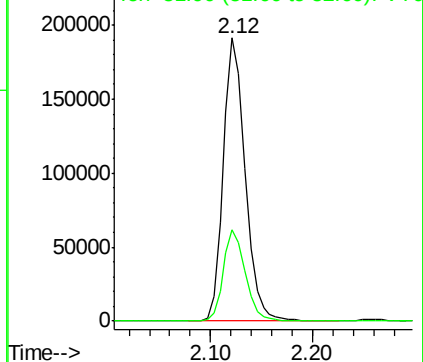
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 141.651 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002248.D

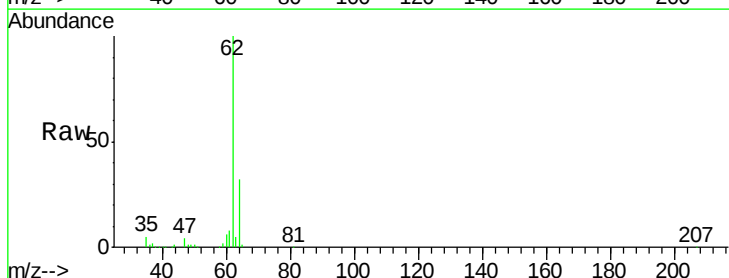
Acq: 08 Apr 2020 13:16

Tgt Ion: 62 Resp: 300385

Ion Ratio Lower Upper

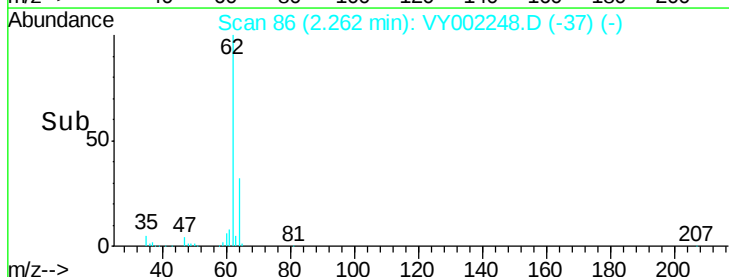
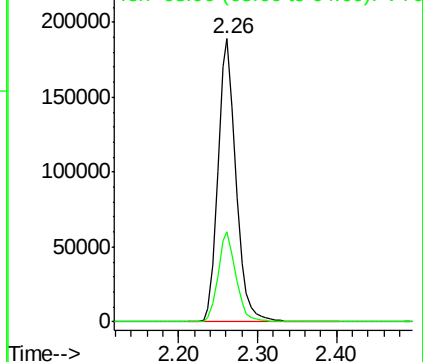
62 100

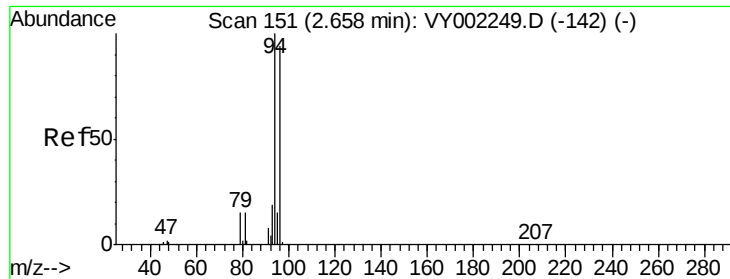
64 31.9 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 122.458 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 160363

Ion Ratio Lower Upper

94 100

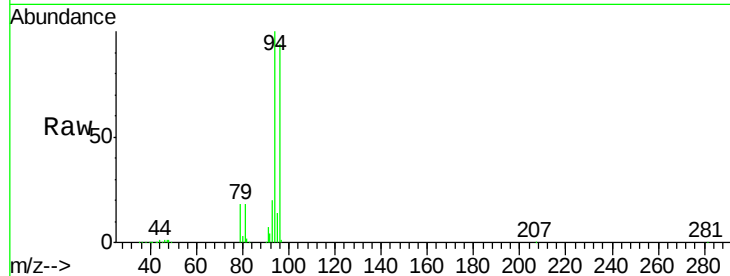
96 93.8 75.6 113.4

Manual Integrations

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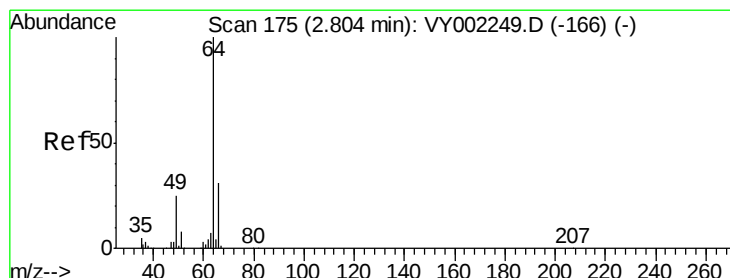
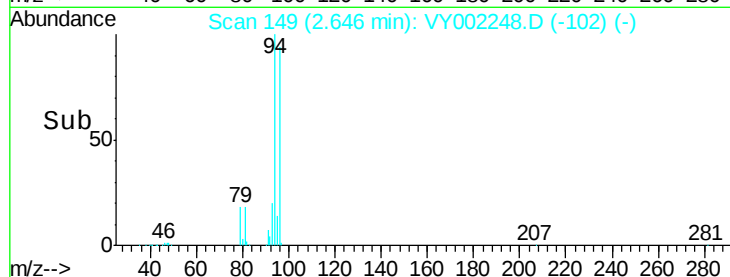
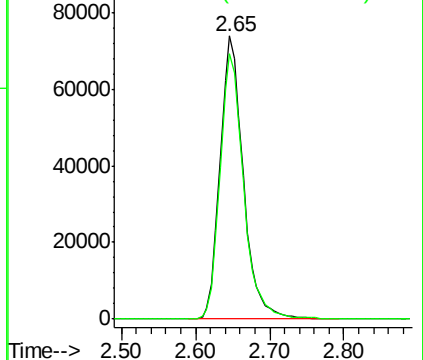
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 141.198 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002248.D

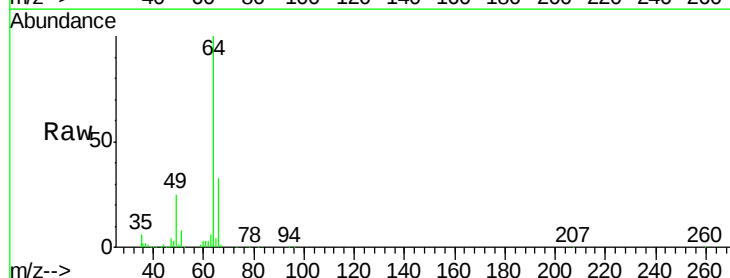
Acq: 08 Apr 2020 13:16

Tgt Ion: 64 Resp: 172683

Ion Ratio Lower Upper

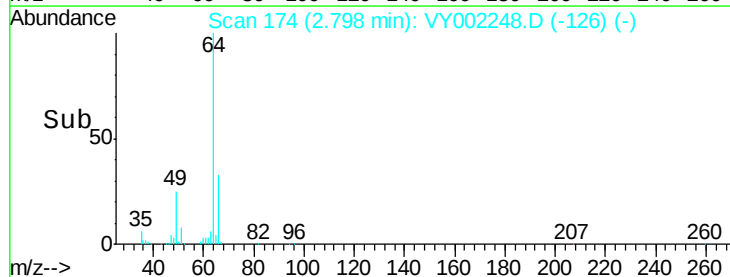
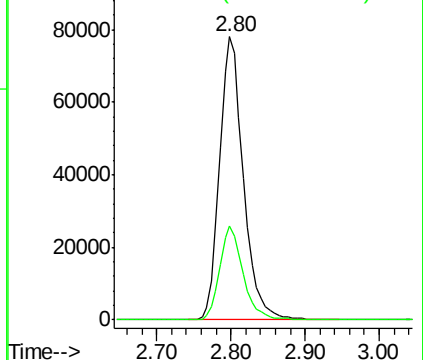
64 100

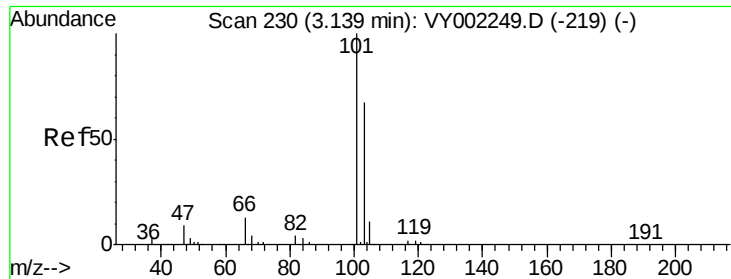
66 33.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

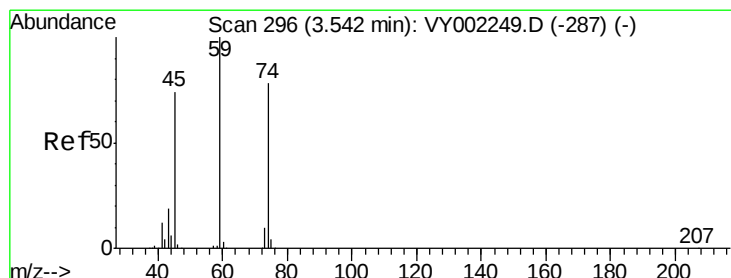
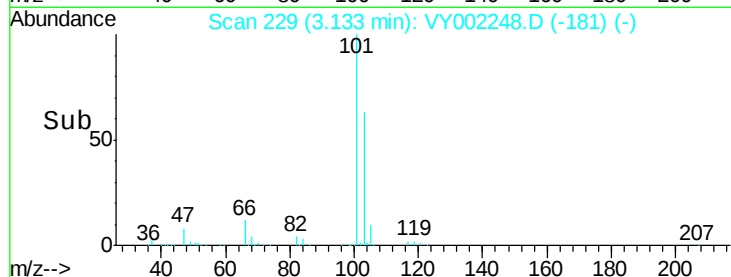
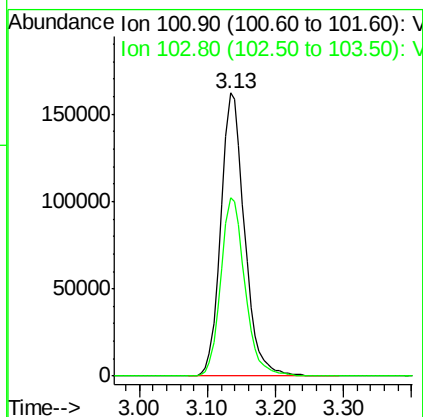
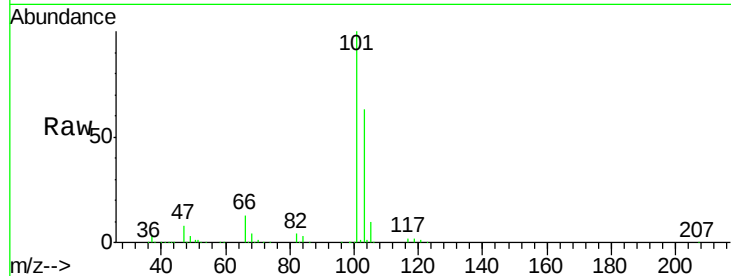
Trichlorofluoromethane
 Concen: 143.433 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	392806		
103	63.1	53.3	79.9	

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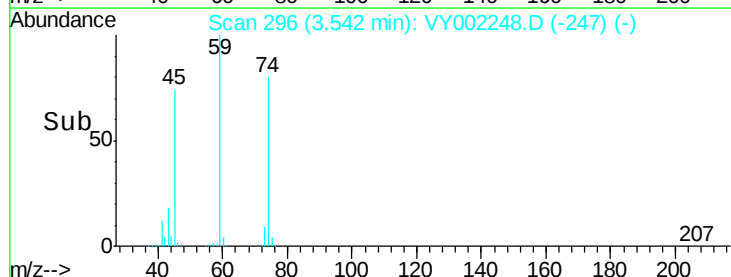
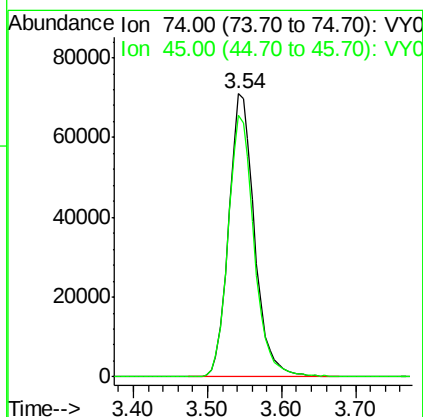
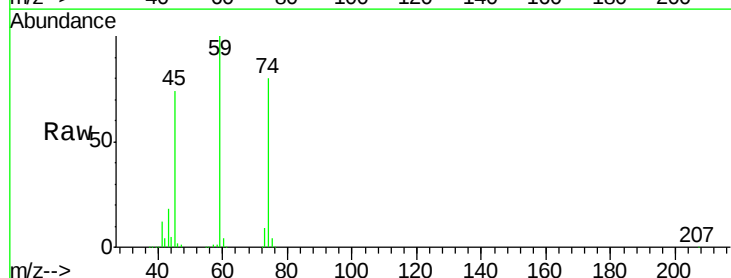
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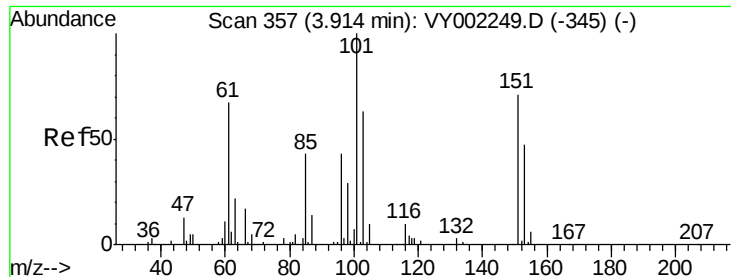


#8

Diethyl Ether
 Concen: 147.734 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	171998		
45	93.6	48.0	144.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.010 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

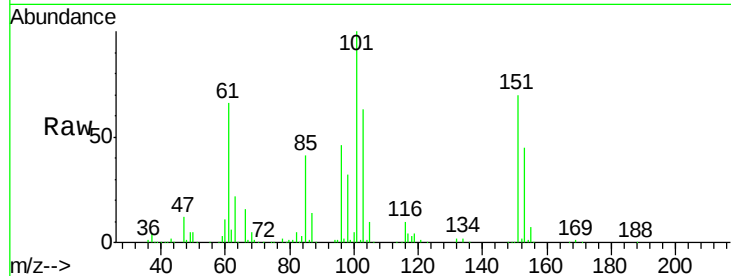
ClientSampleId :

VSTDIC150

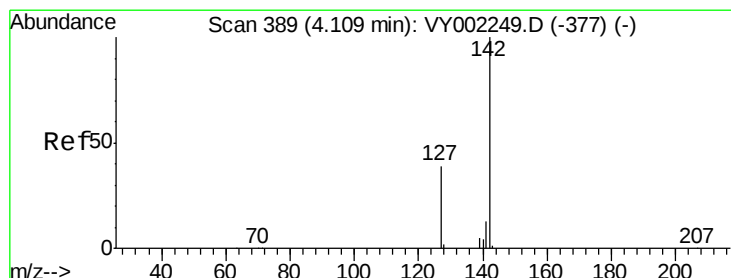
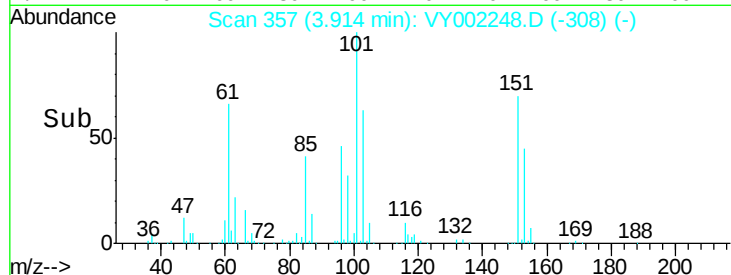
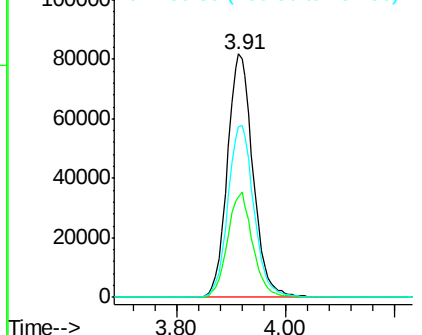
Tot Ion:	101	Resp:	267899
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.6	52.0
151	71.6	57.6	86.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 163.122 ug/l

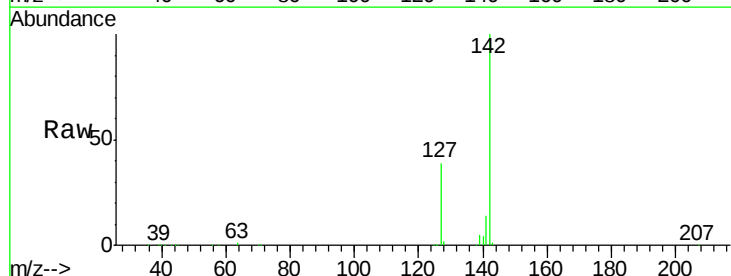
RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

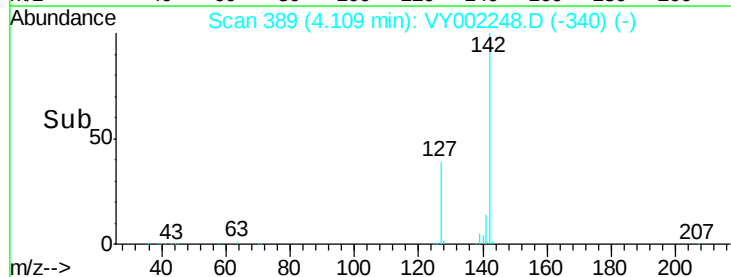
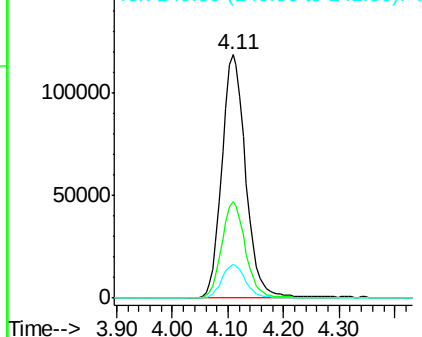
Lab File: VY002248.D

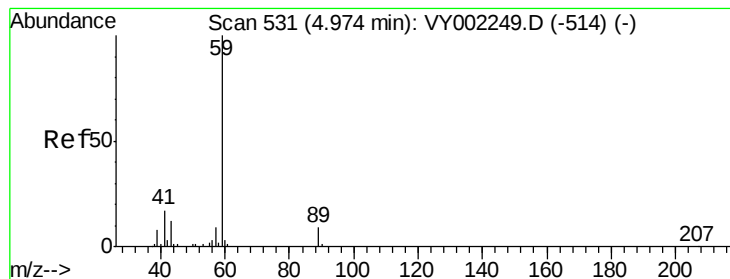
Acq: 08 Apr 2020 13:16

Tgt Ion:	142	Resp:	352729
Ion Ratio	Lower	Upper	
142	100		
127	39.4	32.4	48.6
141	13.9	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

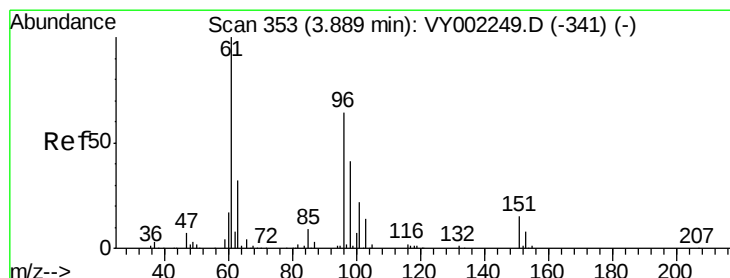
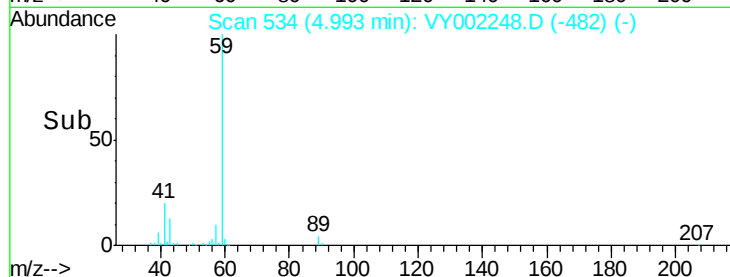
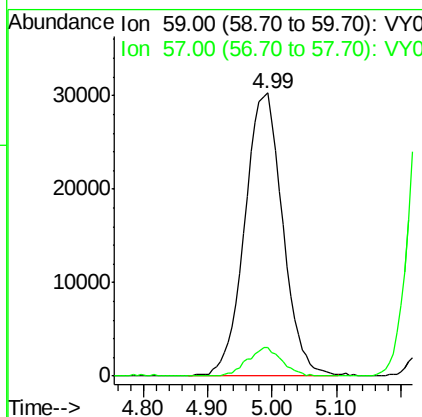
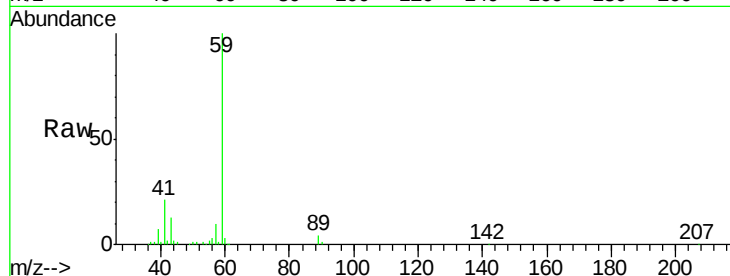
Tert butyl alcohol
 Concen: 538.494 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
59	100	123401		
57	9.3	6.6	9.8	

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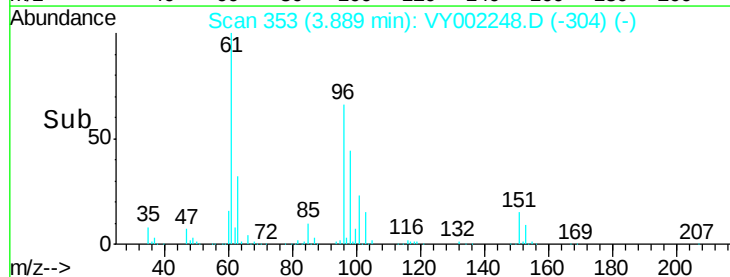
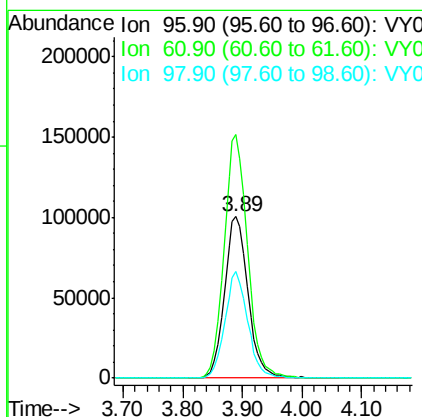
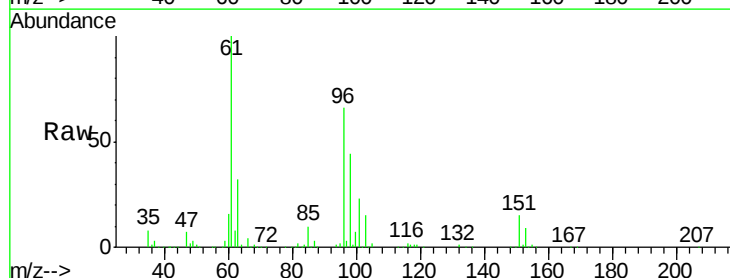
MMDadoda
 4/9/2020 11:31:57 AM

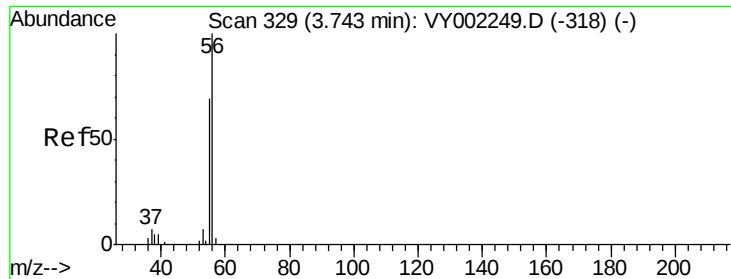


#12

1,1-Dichloroethene
 Concen: 145.455 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	275098		
61	150.6	125.9	188.9	
98	65.6	51.1	76.7	





#13

Acrolein

Concen: 714.950 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 56 Resp: 160571

Ion Ratio Lower Upper

56 100

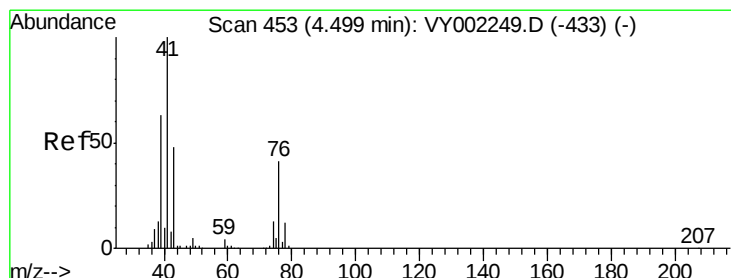
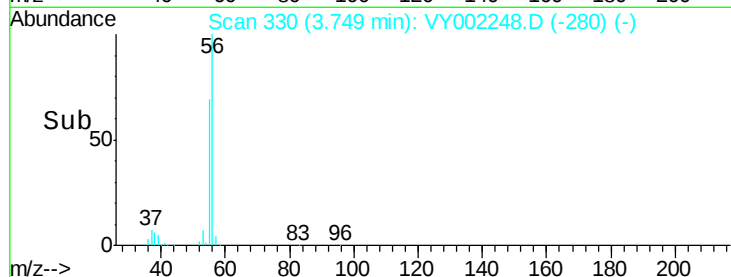
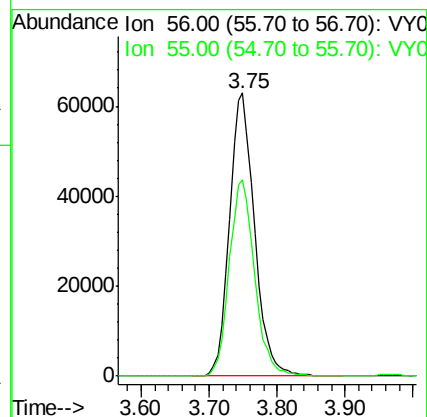
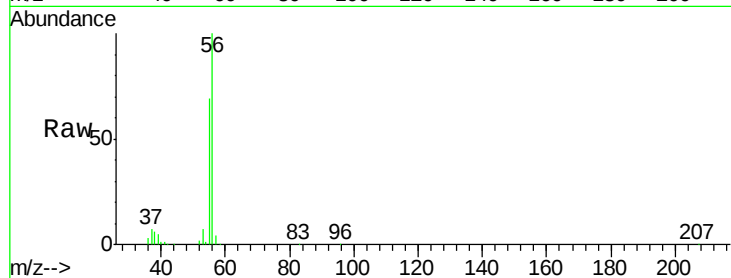
55 69.8 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 142.163 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

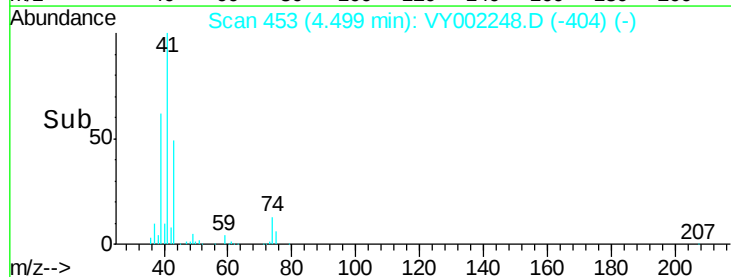
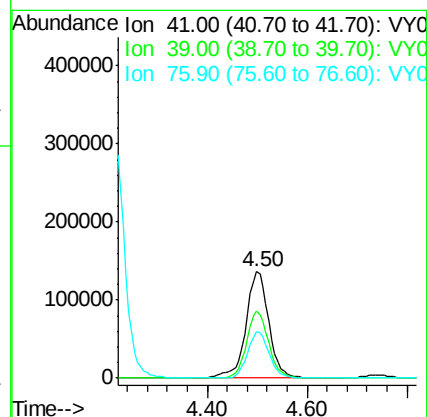
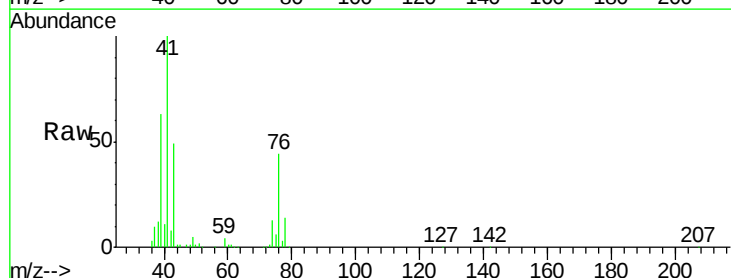
Tgt Ion: 41 Resp: 434179

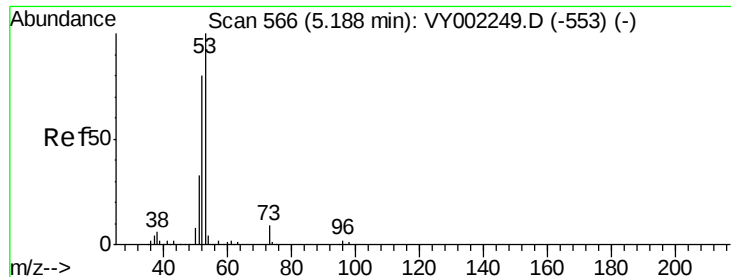
Ion Ratio Lower Upper

41 100

39 60.2 48.0 72.0

76 41.1 31.0 46.6





#15

Acrylonitrile

Concen: 697.058 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

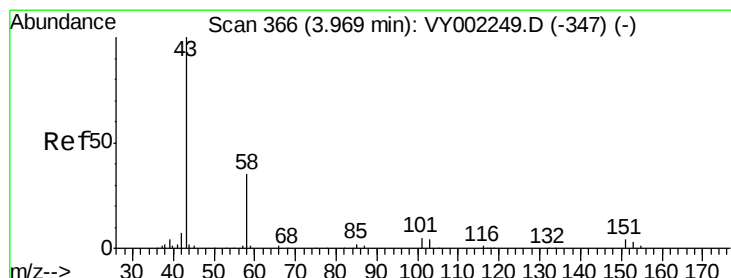
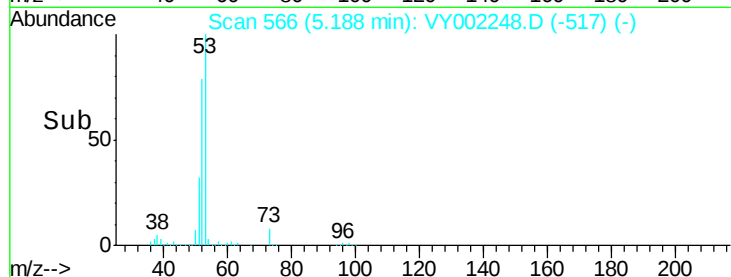
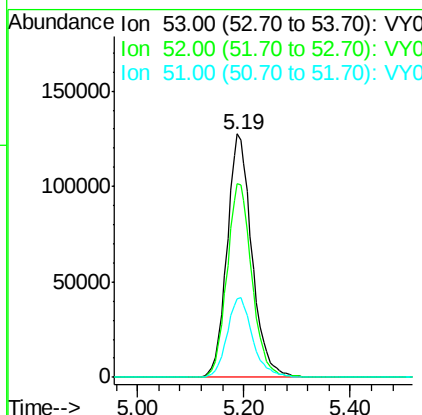
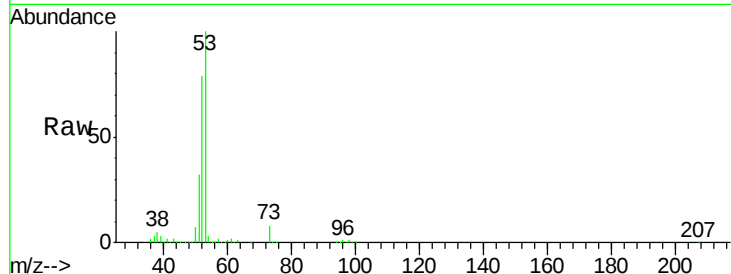
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	415007
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.1	97.7
51	33.7	27.1	40.7

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#16

Acetone

Concen: 641.431 ug/l

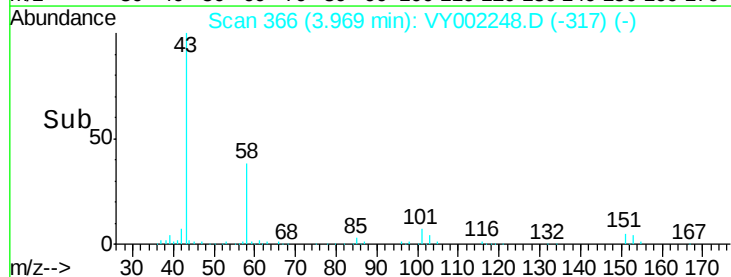
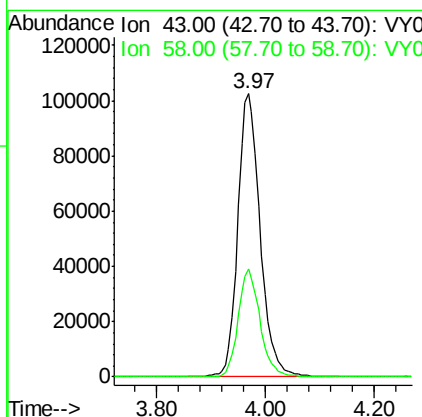
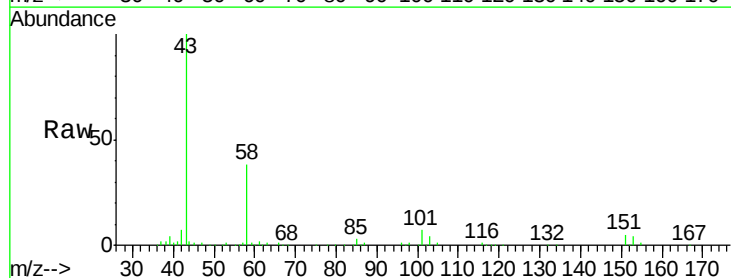
RT: 3.97 min Scan# 366

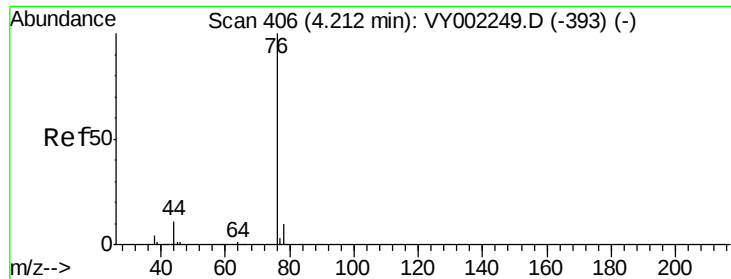
Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion:	43	Resp:	294273
Ion	Ratio	Lower	Upper
43	100		
58	38.1	28.5	42.7





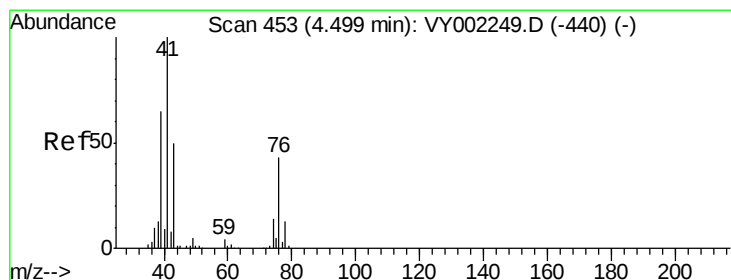
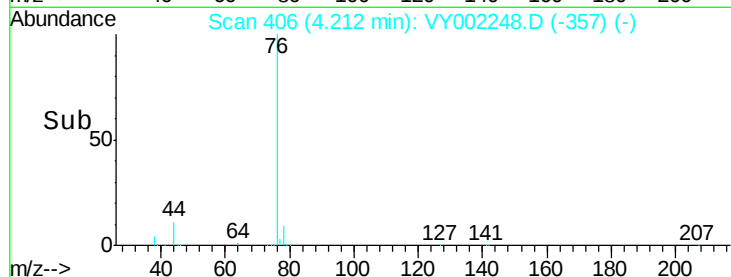
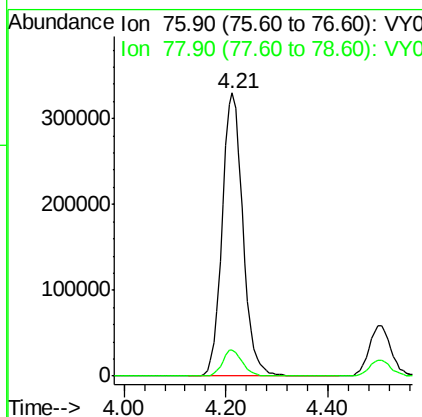
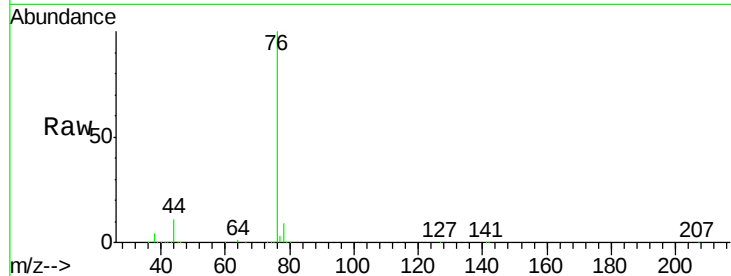
#17
Carbon Disulfide
Concen: 147.313 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 925290
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

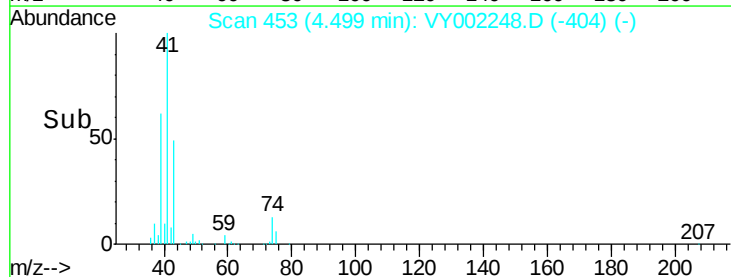
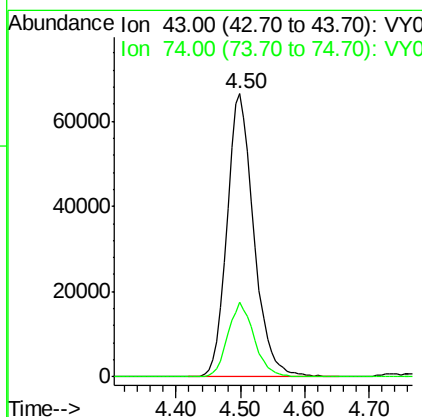
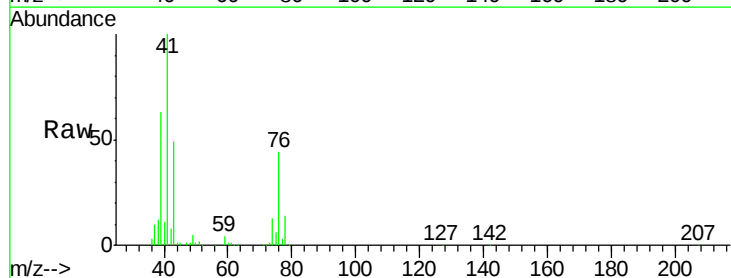
Manual Integrations
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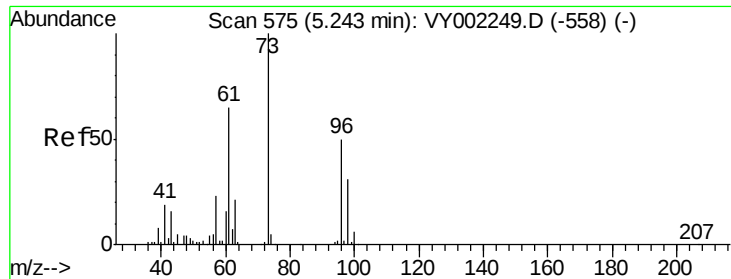
MMDadoda
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#18
Methyl Acetate
Concen: 136.425 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion: 43 Resp: 194136
Ion Ratio Lower Upper
43 100
74 26.0 20.3 30.5





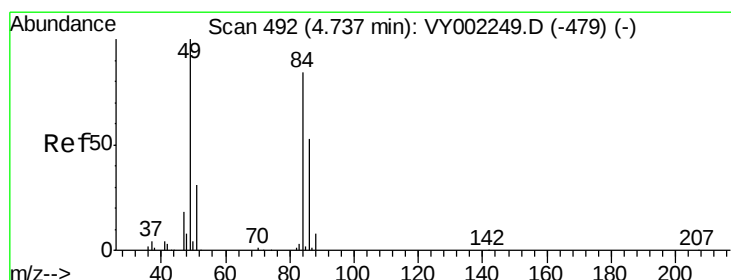
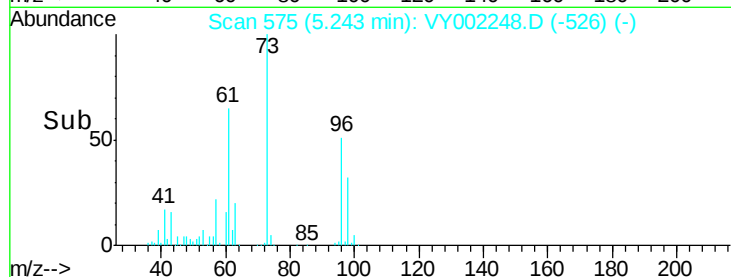
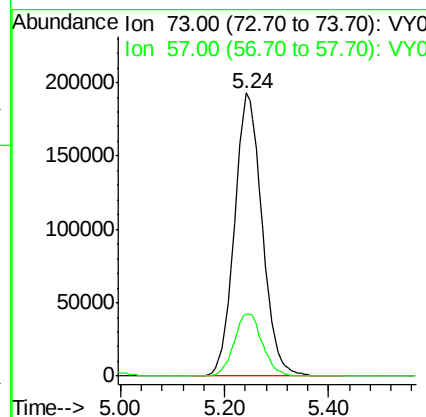
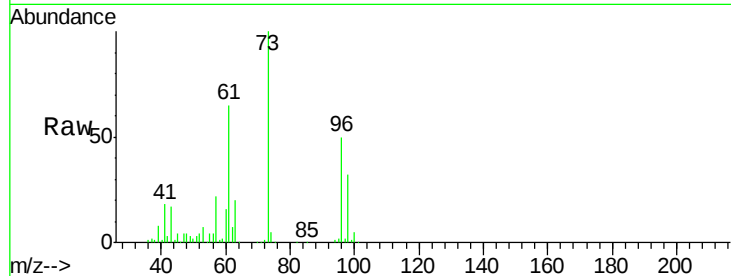
#19
Methvl tert-butvl Ether
Concen: 143.266 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 712340
Ion Ratio Lower Upper
73 100
57 22.1 18.7 28.1

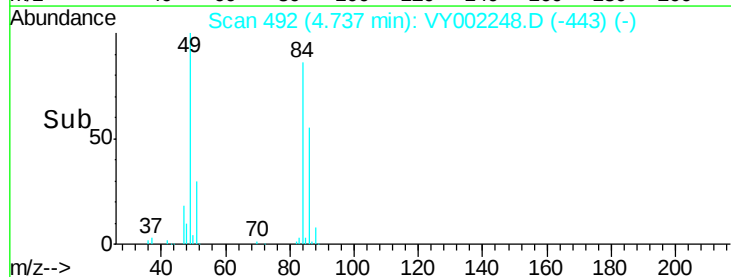
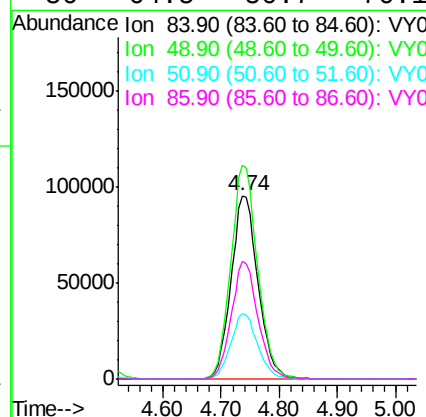
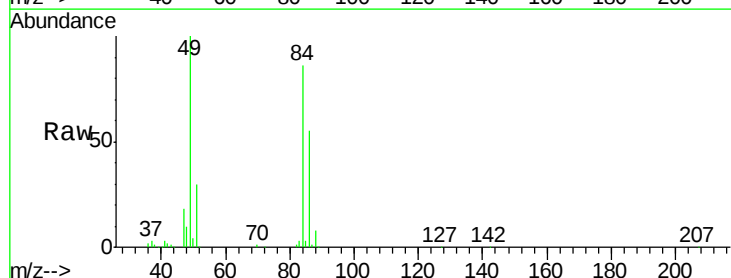
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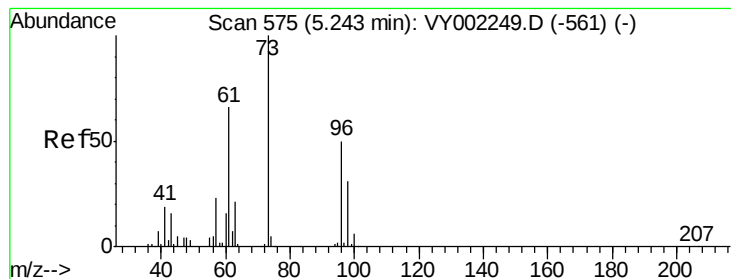
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#20
Methylene Chloride
Concen: 136.018 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion: 84 Resp: 306714
Ion Ratio Lower Upper
84 100
49 116.6 95.5 143.3
51 35.5 29.5 44.3
86 64.5 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 145.168 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 308174

Ion Ratio Lower Upper

96 100

61 128.1 104.6 157.0

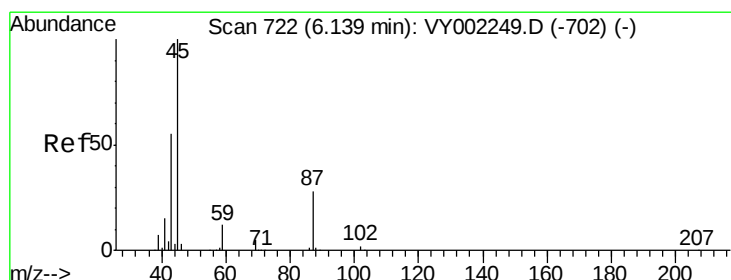
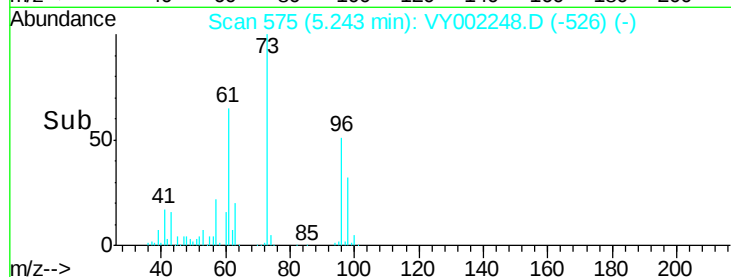
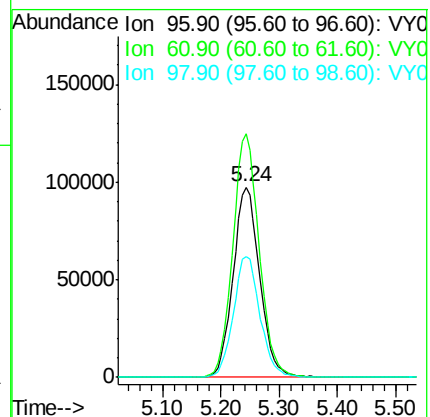
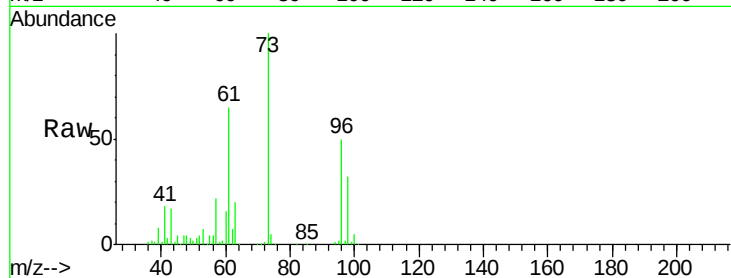
98 63.8 50.1 75.1

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#22

Diisopropyl ether

Concen: 136.597 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion: 45 Resp: 839557

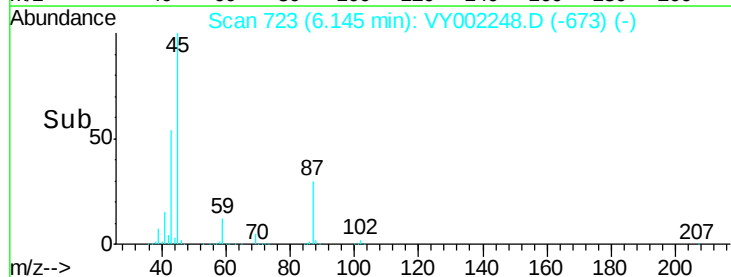
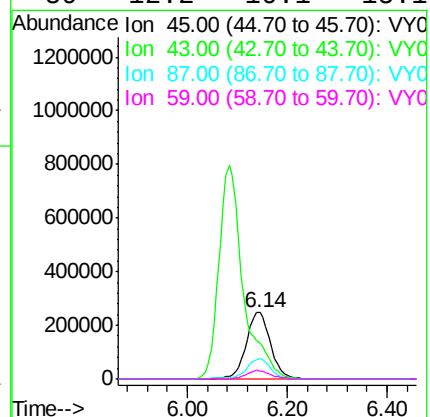
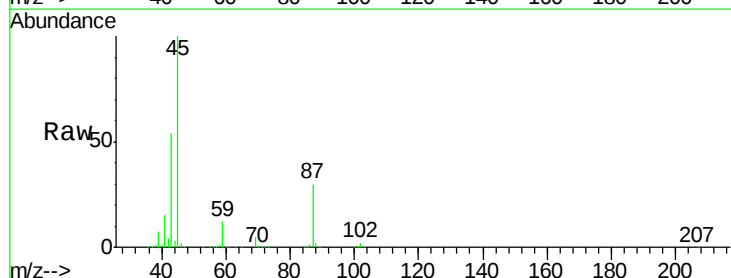
Ion Ratio Lower Upper

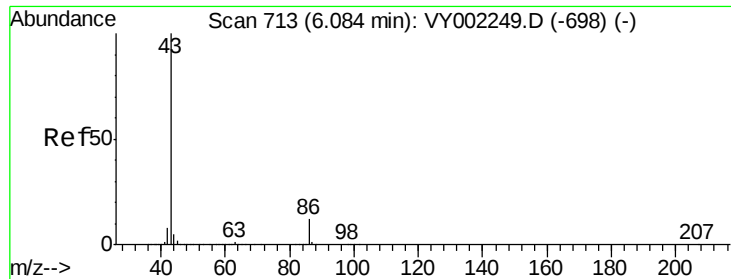
45 100

43 53.7 44.7 67.1

87 30.2 23.0 34.4

59 12.2 10.1 15.1





#23

Vinyl Acetate

Concen: 686.975 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 2690711

Ion Ratio Lower Upper

43 100

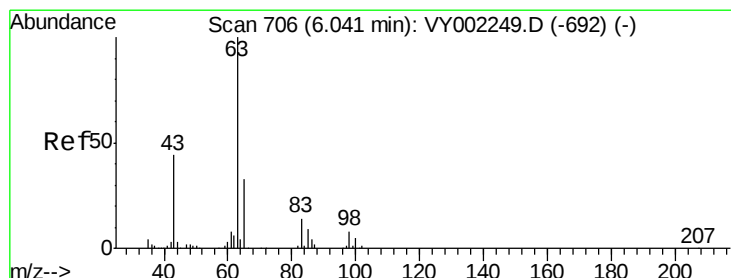
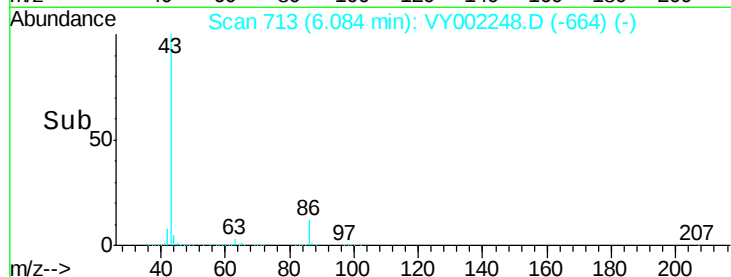
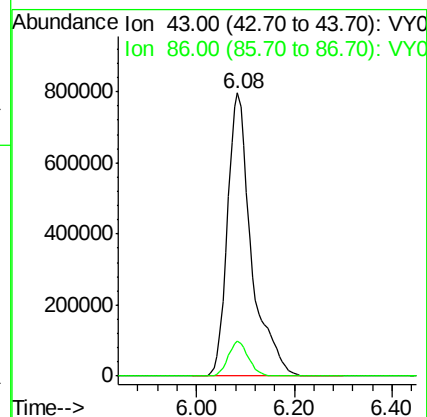
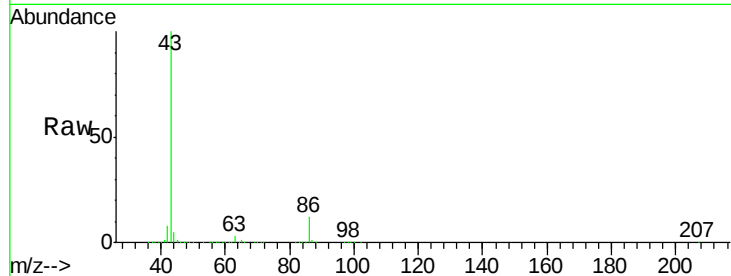
86 12.3 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 143.029 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

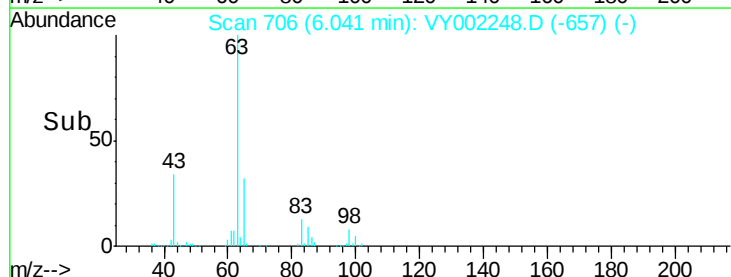
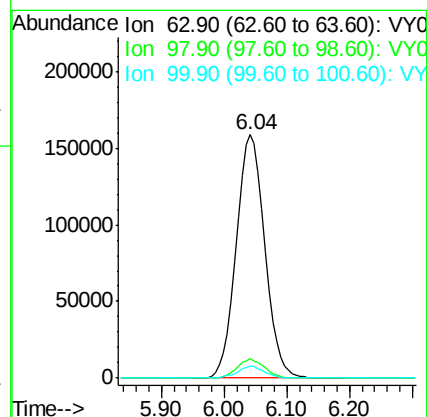
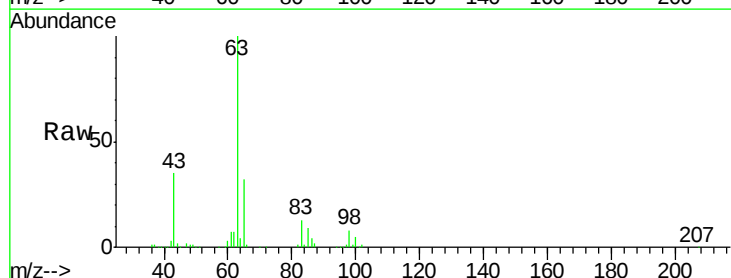
Tgt Ion: 63 Resp: 500019

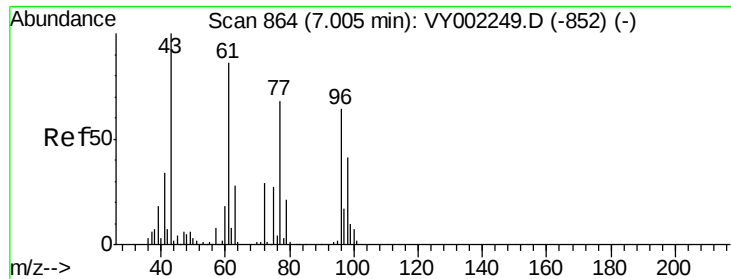
Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.0

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 655.357 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 475812

Ion Ratio Lower Upper

43 100

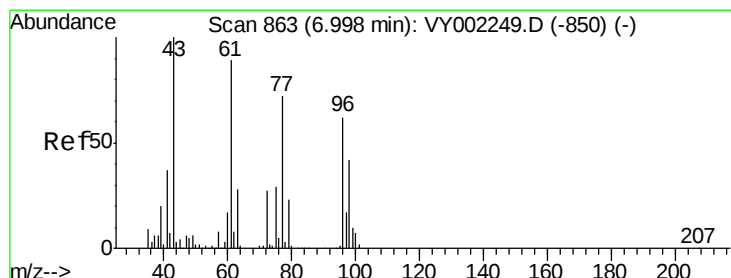
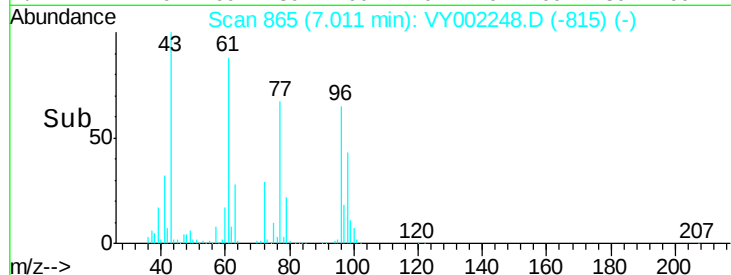
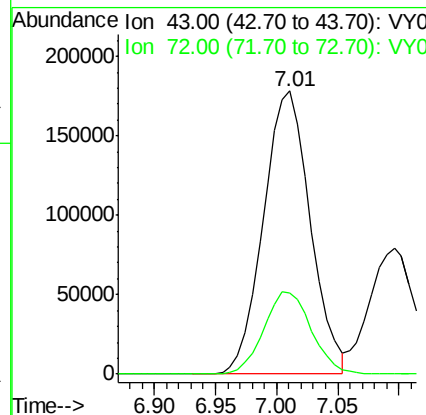
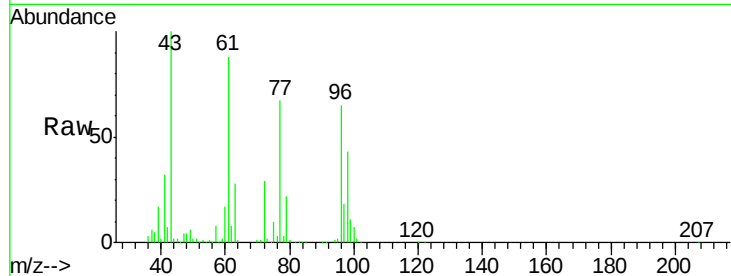
72 28.6 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 137.287 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002248.D

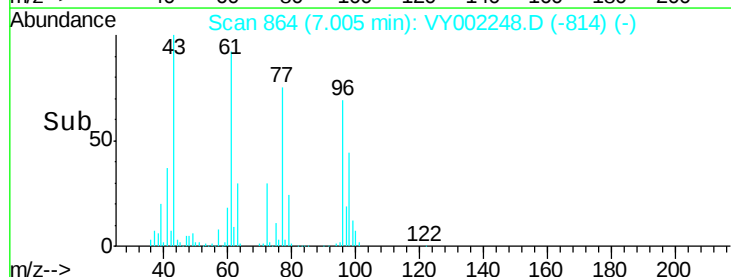
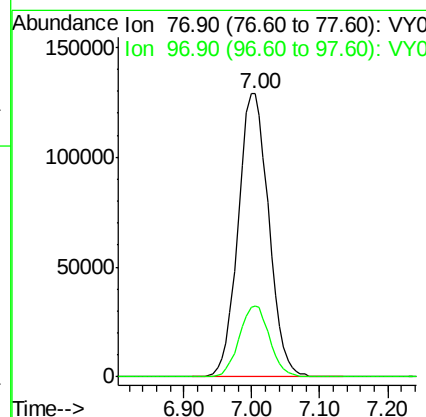
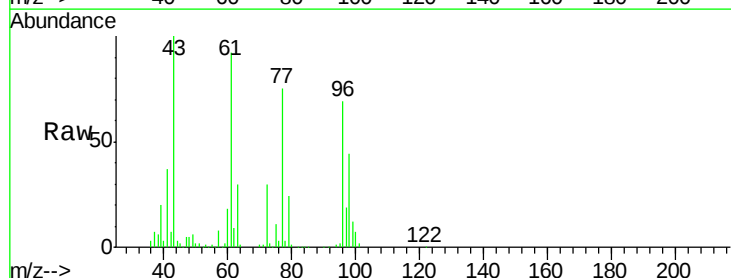
Acq: 08 Apr 2020 13:16

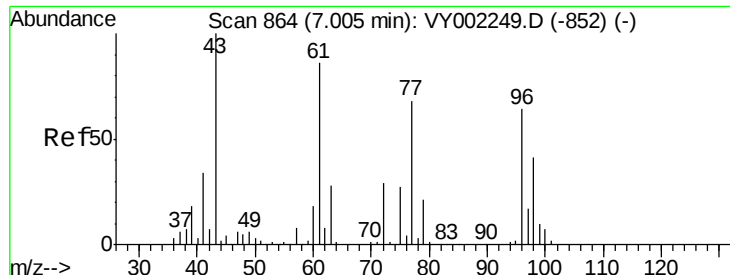
Tgt Ion: 77 Resp: 401479

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6





#27

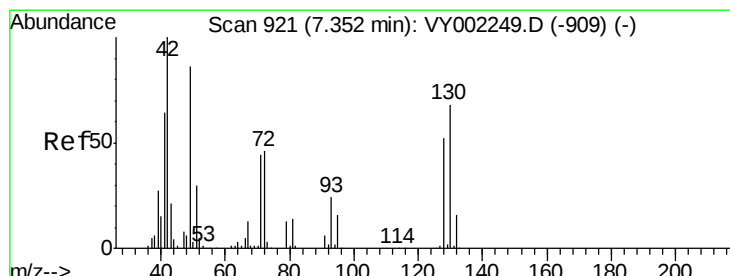
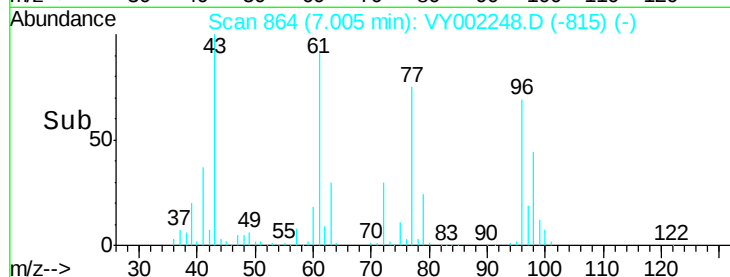
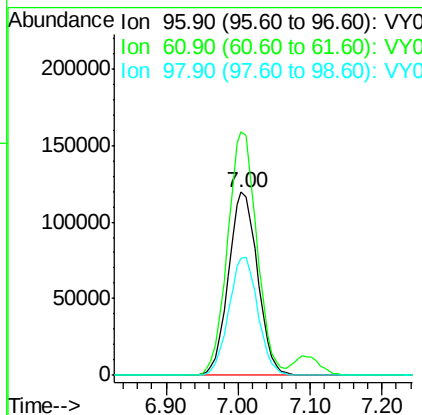
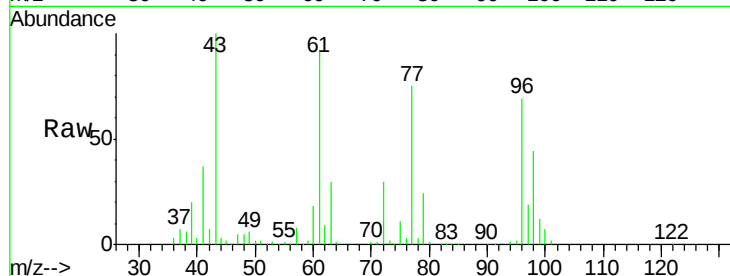
cis-1,2-Dichloroethene
Concen: 144.939 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	335405		
61	133.8	0.0	278.0	
98	64.5	0.0	128.6	

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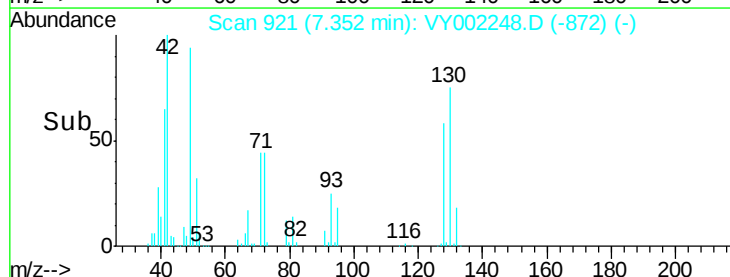
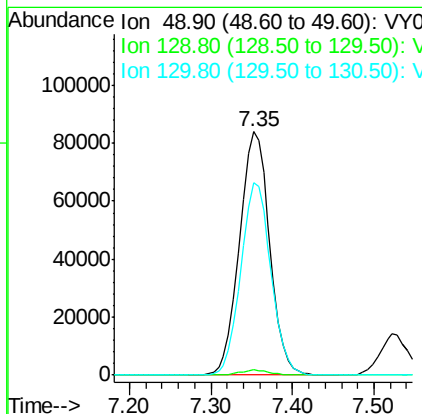
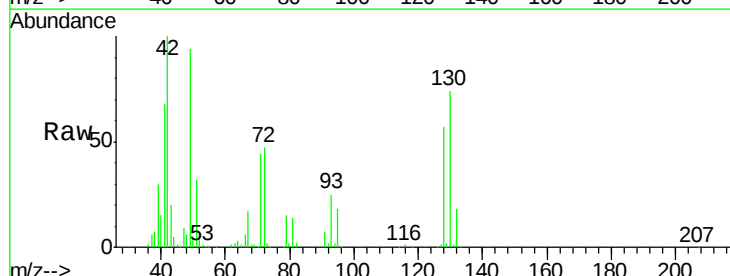
MMDadoda
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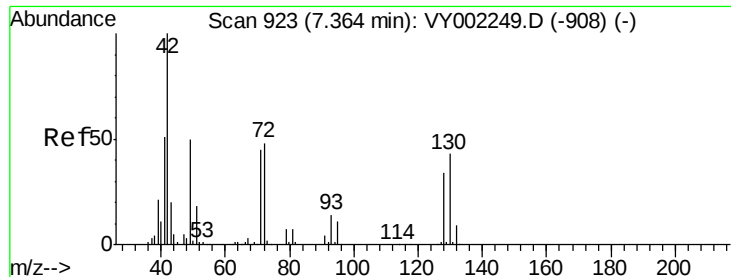


#28

Bromochloromethane
Concen: 142.718 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	215378		
129	2.1	0.0	4.2	
130	78.7	60.9	91.3	





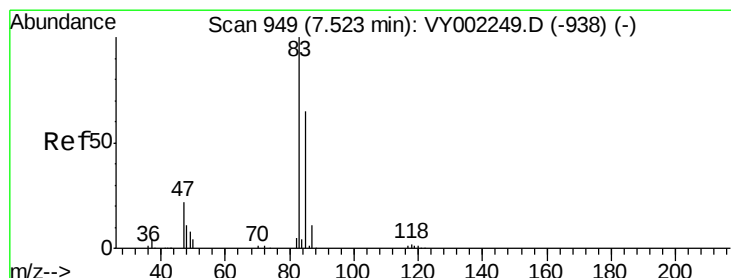
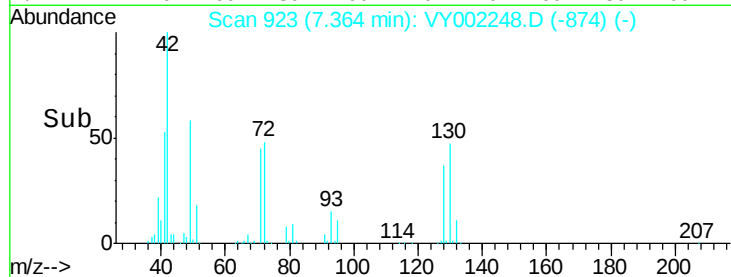
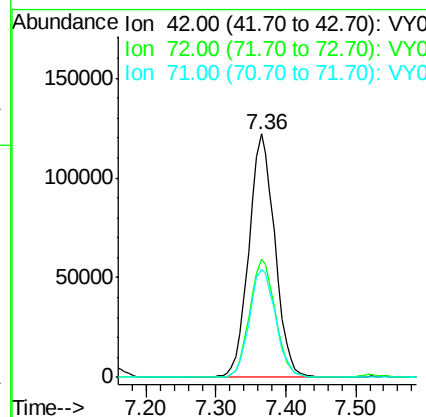
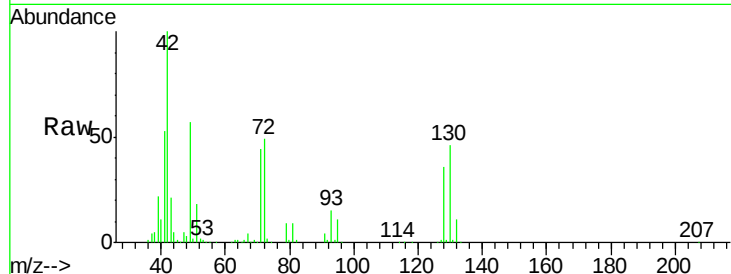
#29
Tetrahydrofuran
Concen: 654.726 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	36.7	55.1
71	44.8	34.7	52.1

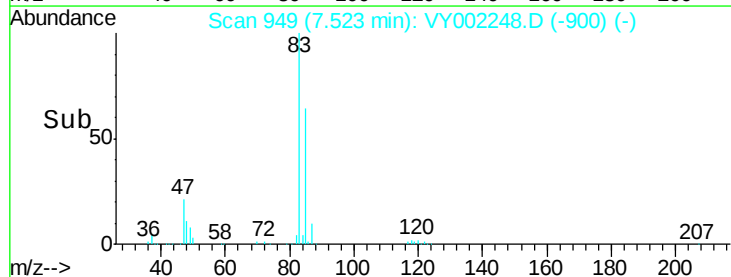
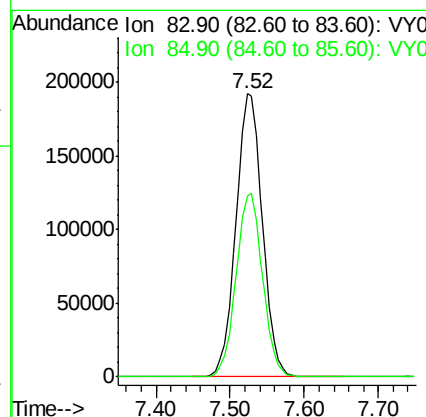
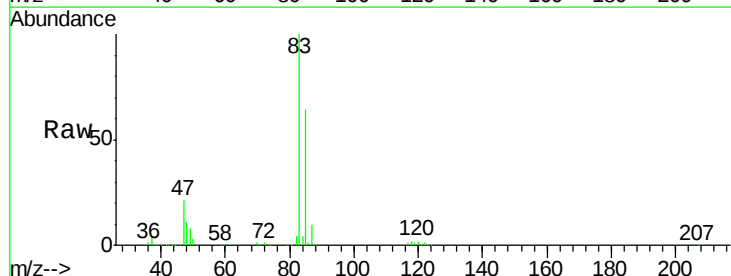
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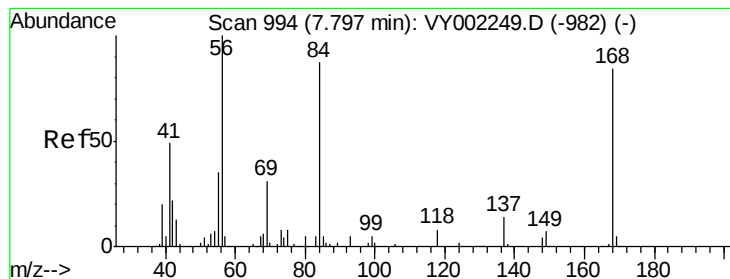
MMDadoda
4/9/2020 11:31:57 AM



#30
Chloroform
Concen: 144.807 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.0	78.0





#31

Cyclohexane

Concen: 135.136 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 495898

Ion Ratio Lower Upper

56 100

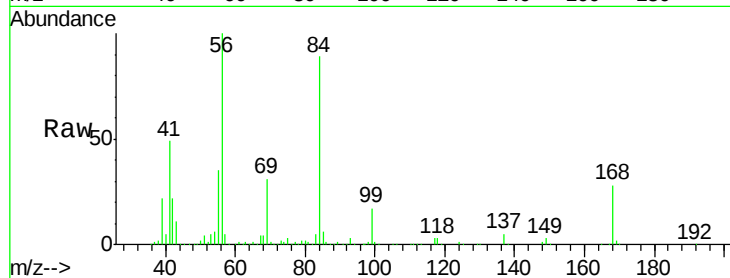
69 30.9 25.0 37.6

84 88.1 69.7 104.5

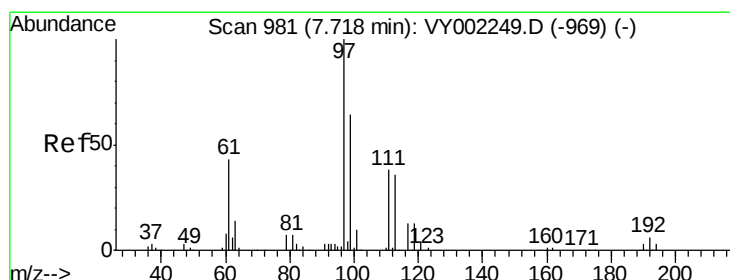
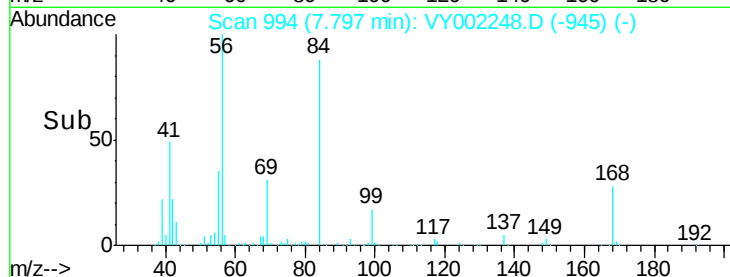
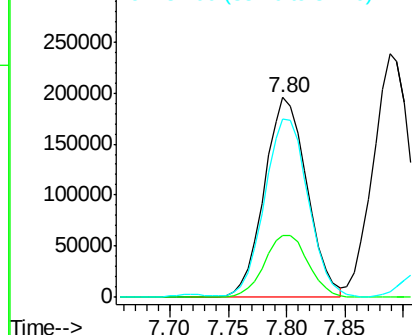
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 147.236 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

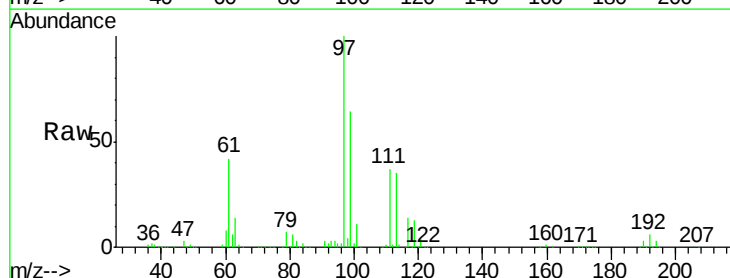
Tgt Ion: 97 Resp: 403854

Ion Ratio Lower Upper

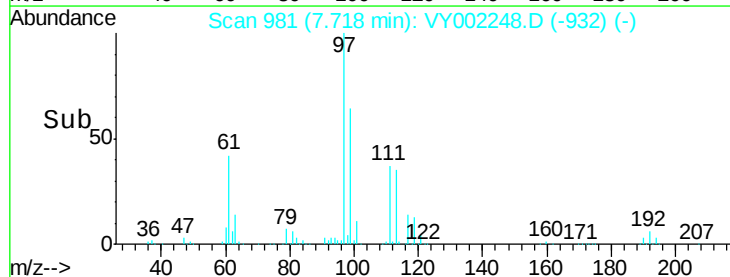
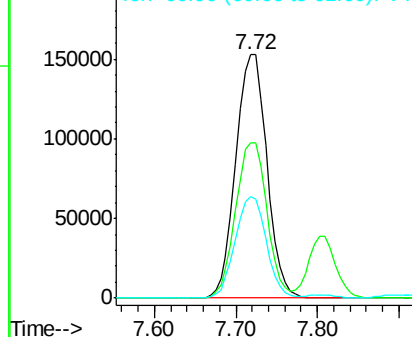
97 100

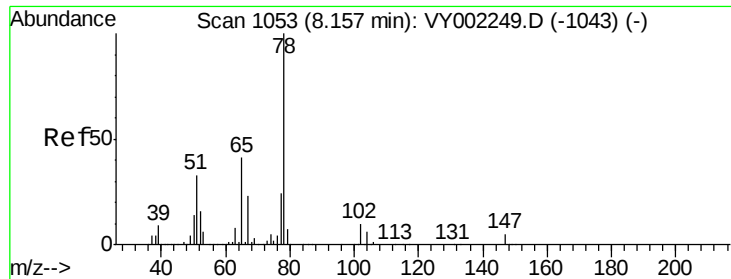
99 64.6 51.3 76.9

61 41.6 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 144.982 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 65 Resp: 252539

Ion Ratio Lower Upper

65 100

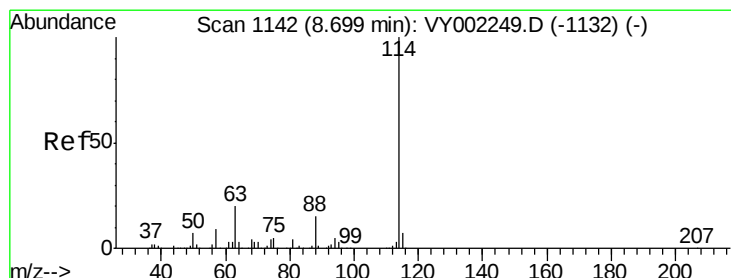
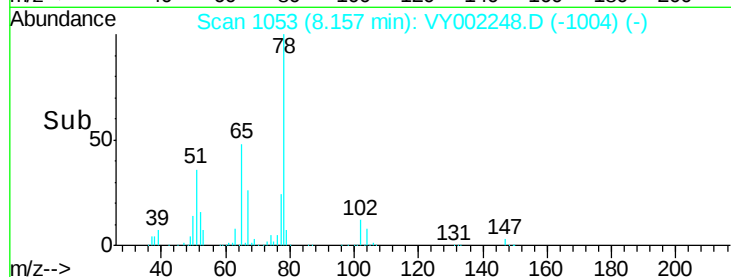
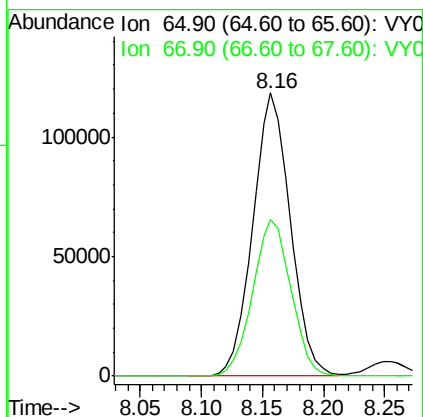
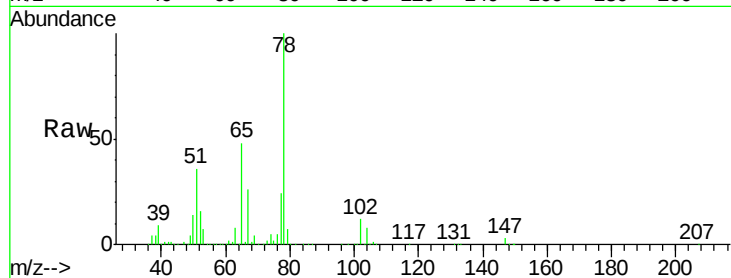
67 56.4 0.0 114.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

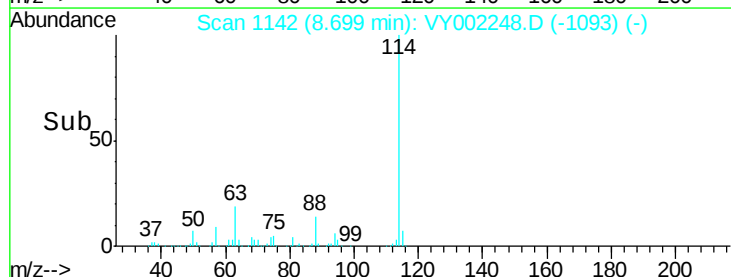
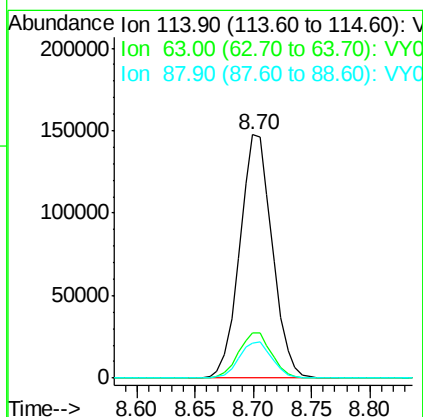
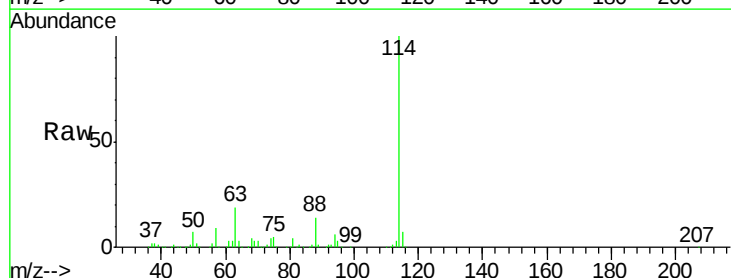
Tgt Ion: 114 Resp: 287813

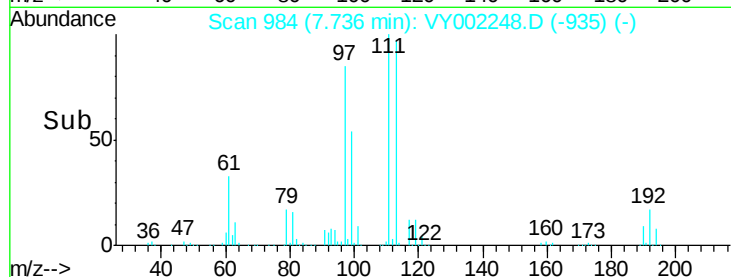
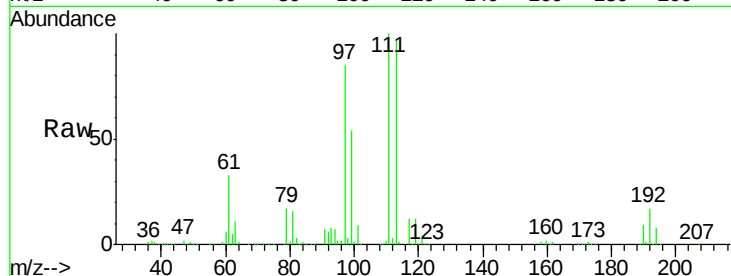
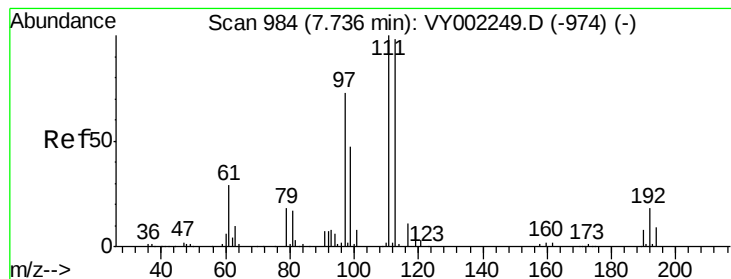
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.0

88 14.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 148.922 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tot Ion:	113	Resp:	255041
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.5	125.3
192	18.1	14.7	22.1

Instrument :

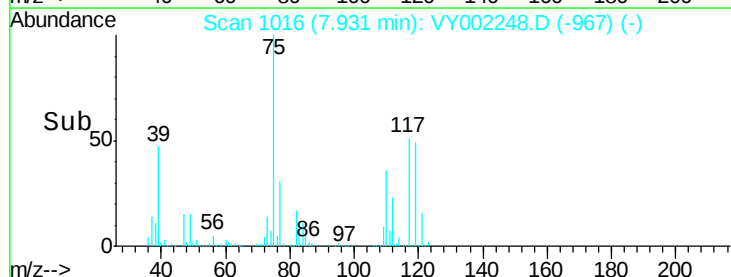
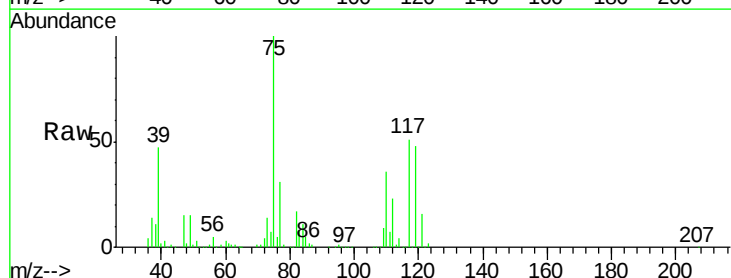
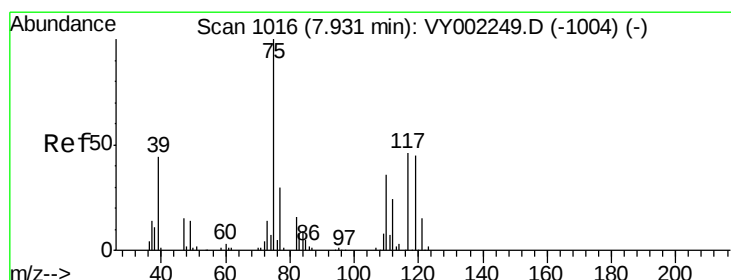
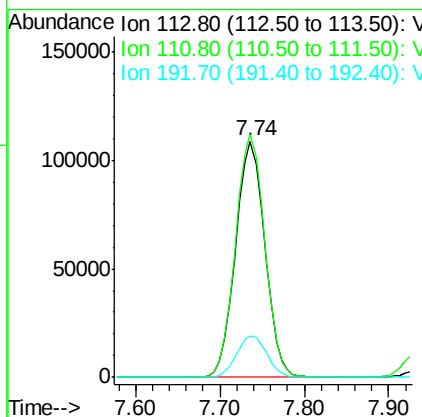
MSVOA_Y

ClientSampleId :

VSTDIC150

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#36

1,1-Dichloropropene

Concen: 140.899 ug/l

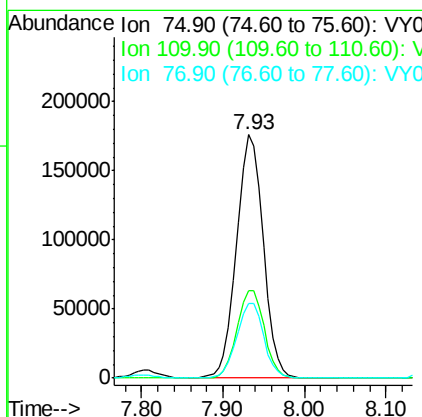
RT: 7.93 min Scan# 1016

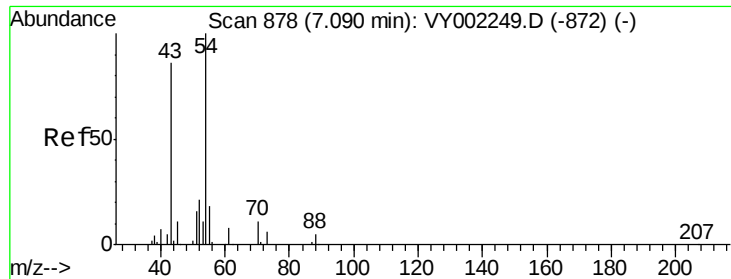
Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion:	75	Resp:	399436
Ion Ratio	Lower	Upper	
75	100		
110	36.7	17.8	53.3
77	31.3	24.4	36.6





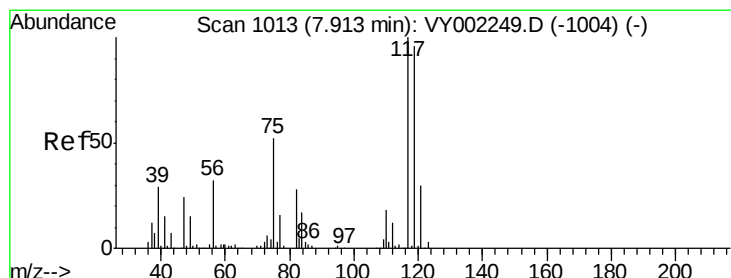
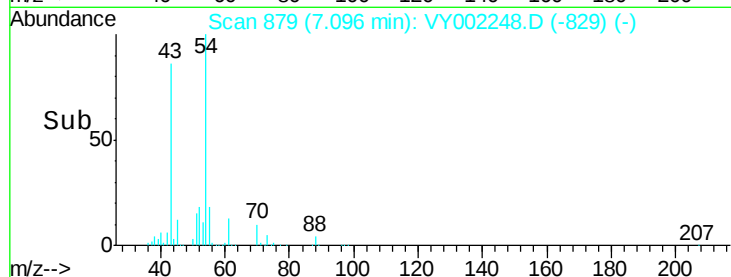
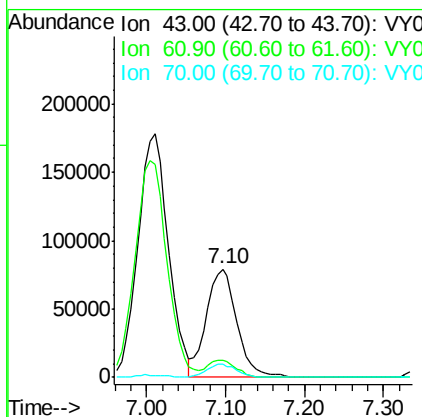
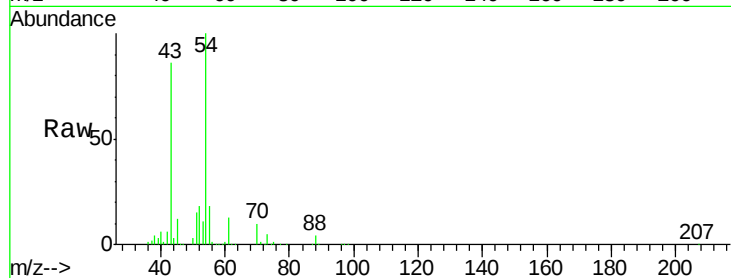
#37
Ethyl Acetate
Concen: 131.632 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.8	17.6
70	11.5	9.1	13.7

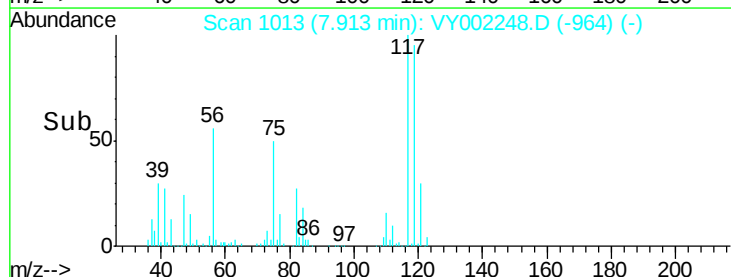
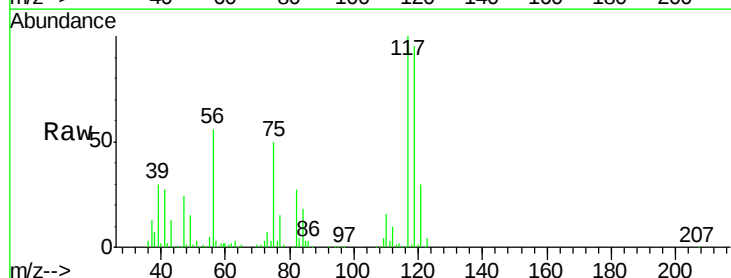
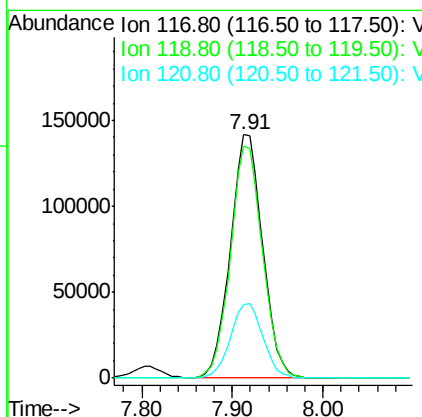
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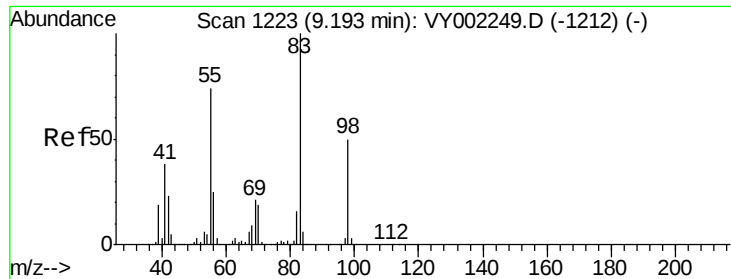
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#38
Carbon Tetrachloride
Concen: 144.732 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.1	115.7
121	29.9	23.9	35.9





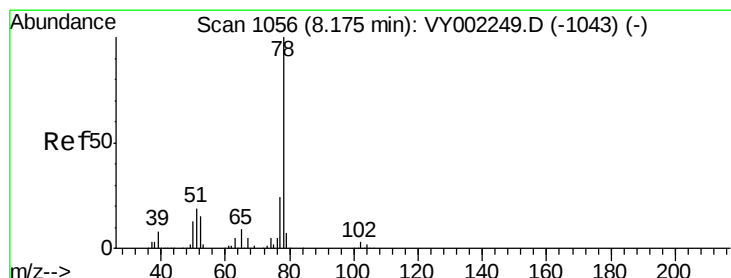
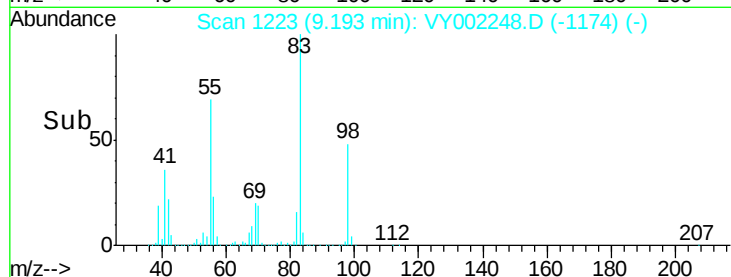
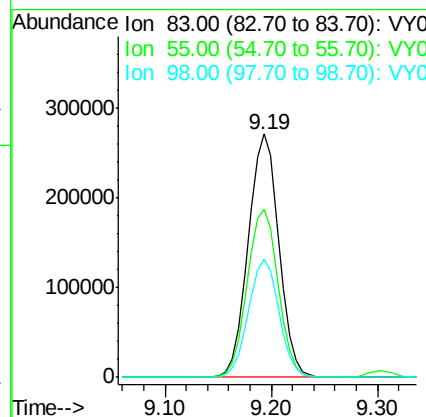
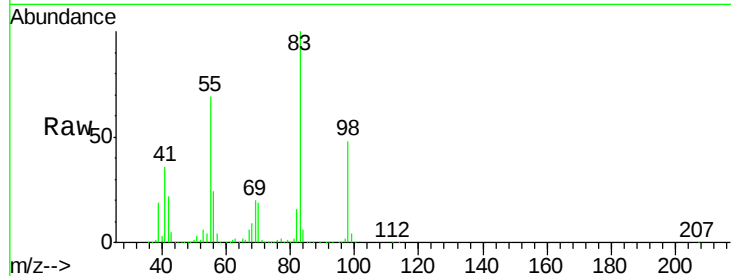
#39
Methvlcvclohexane
Concen: 142.274 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	59.3	88.9
98	48.5	39.6	59.4

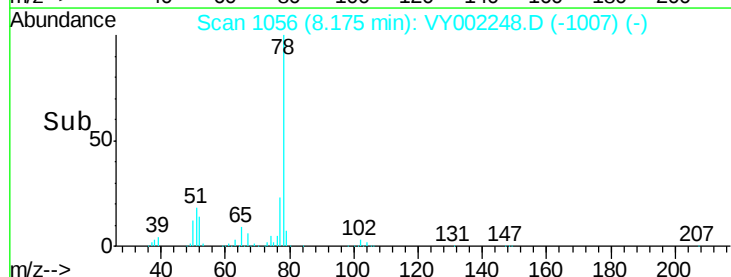
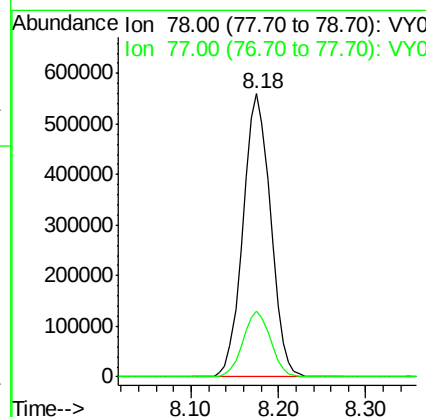
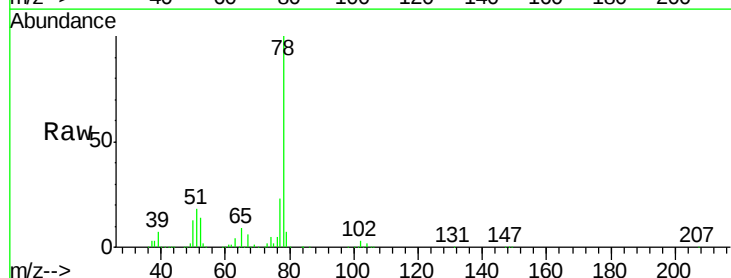
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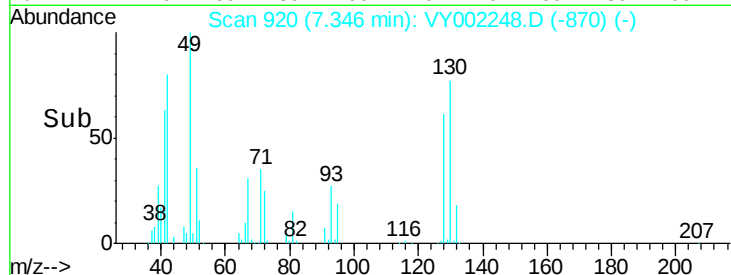
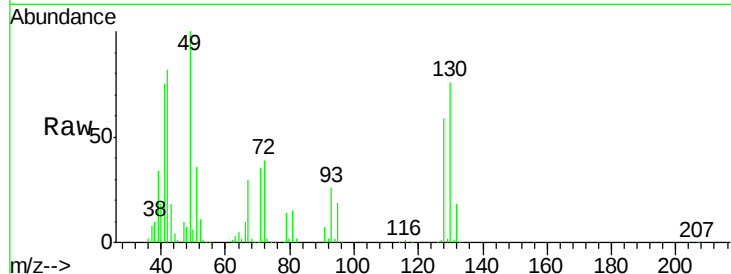
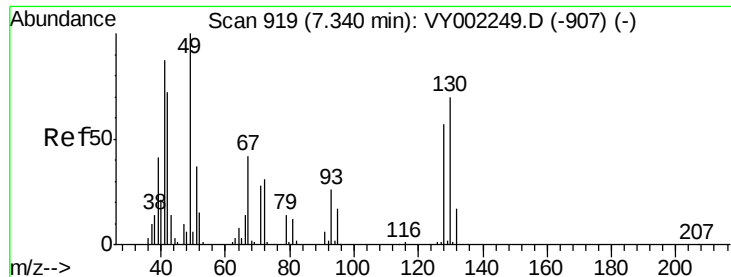
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#40
Benzene
Concen: 142.690 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





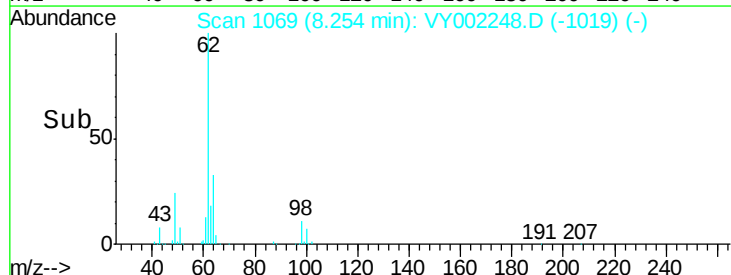
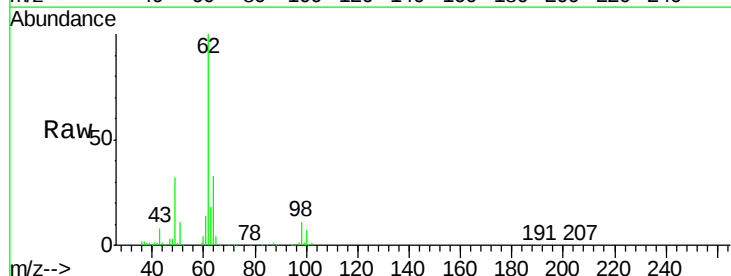
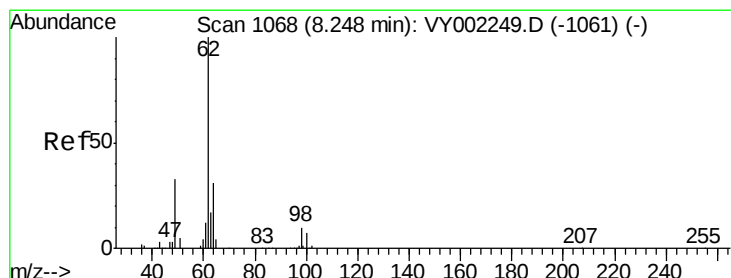
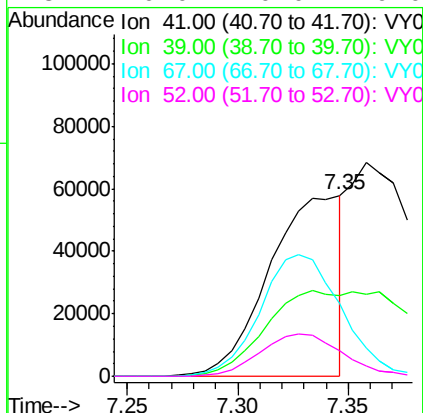
#41
Methacrylonitrile
Concen: 123.593 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tot Ion	41	Resp	132233
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

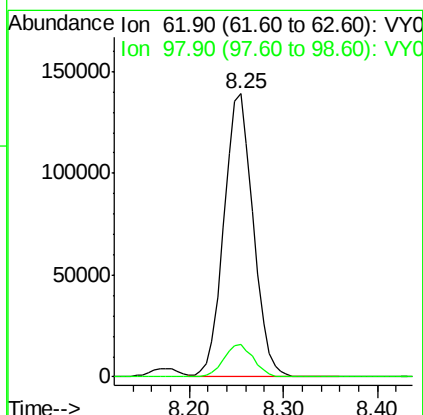
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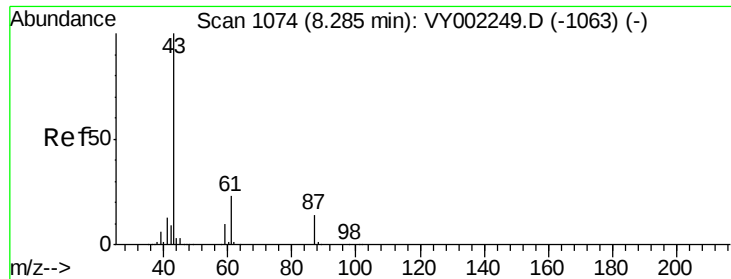
MMDadoda
4/9/2020 11:31:57 AM



#42
1,2-Dichloroethane
Concen: 140.720 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	62	Resp	299821
Ion Ratio	Lower	Upper	
62	100		
98	11.6	0.0	22.6





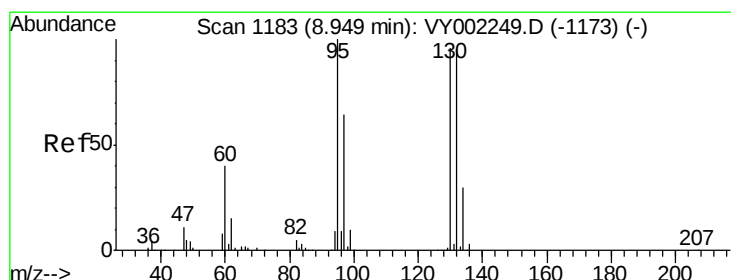
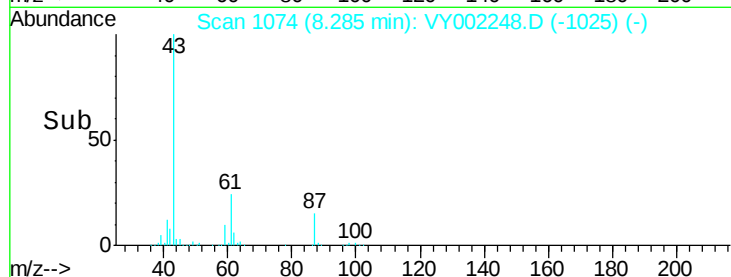
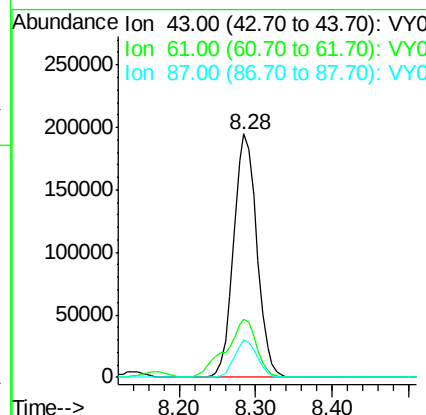
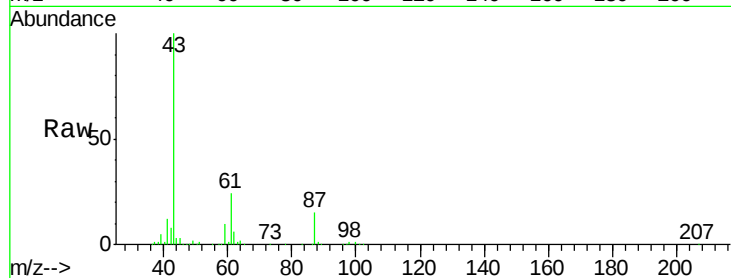
#43
Isopropyl Acetate
Concen: 138.218 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.4	24.9	37.3
87	15.0	11.7	17.5

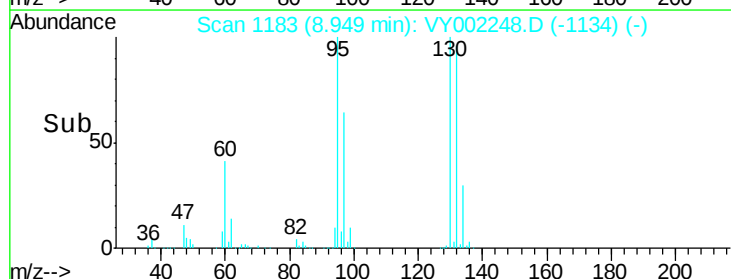
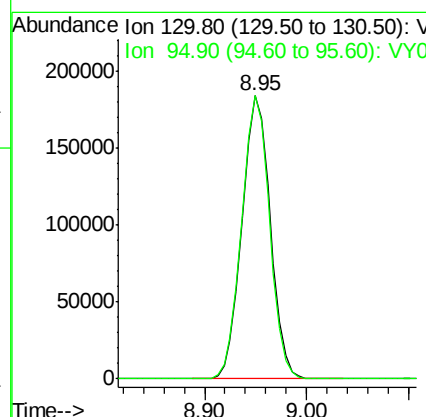
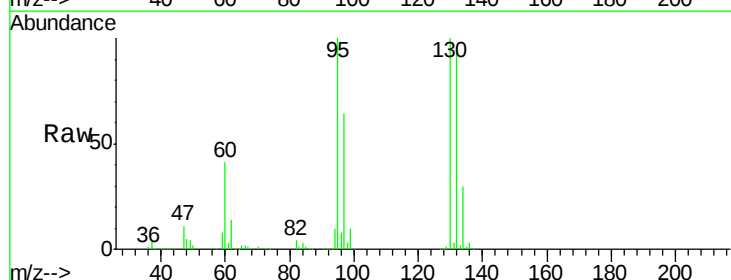
Manual Integrations
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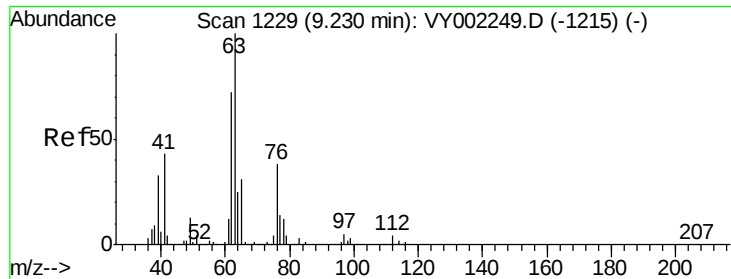
MMDadoda
4/9/2020 11:31:57 AM



#44
Trichloroethene
Concen: 140.250 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	208.2





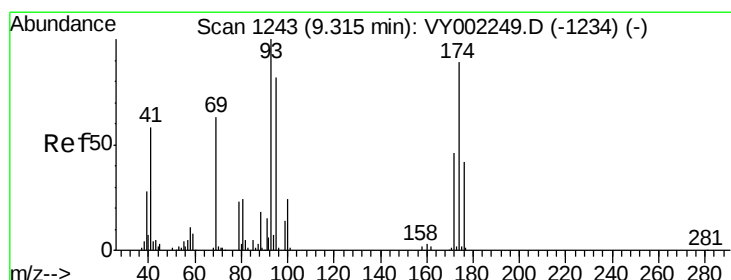
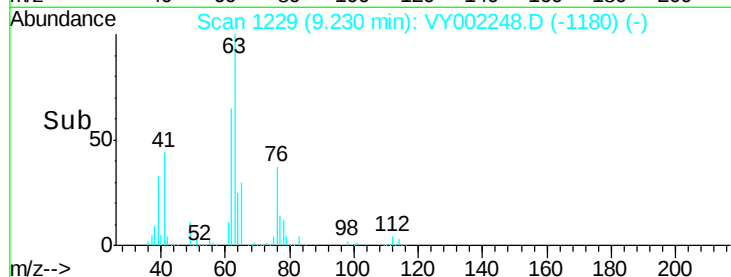
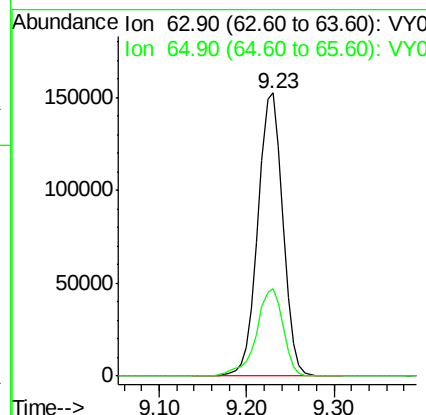
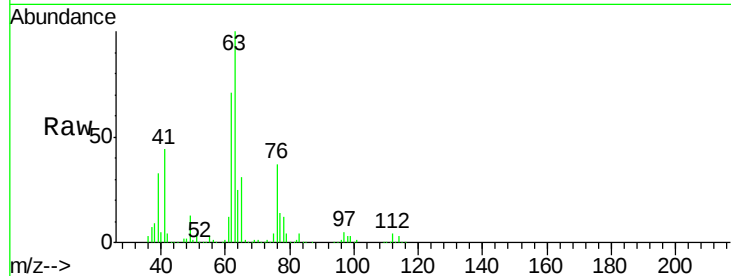
#45
 1,2-Dichloropropane
 Concen: 141.801 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	37.0

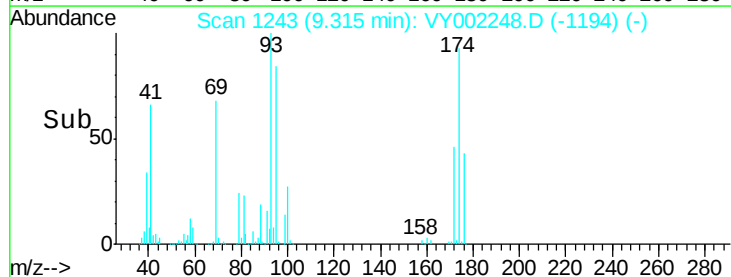
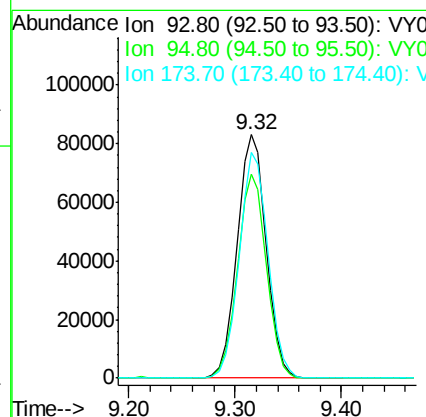
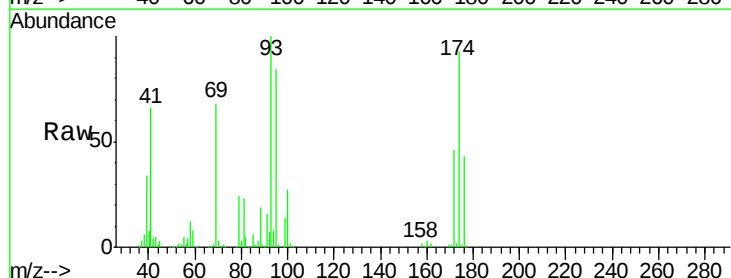
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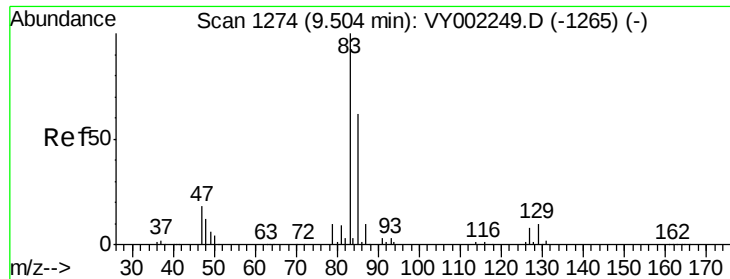
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#46
 Dibromomethane
 Concen: 142.007 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.3	100.9
174	92.0	72.5	108.7





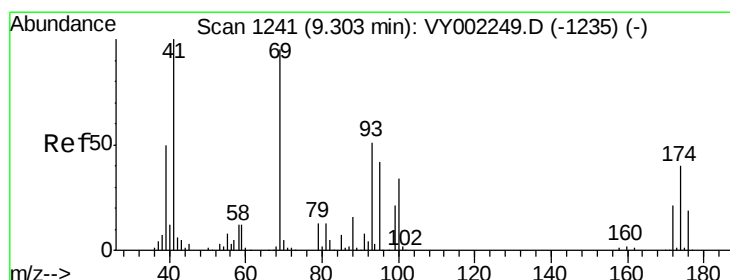
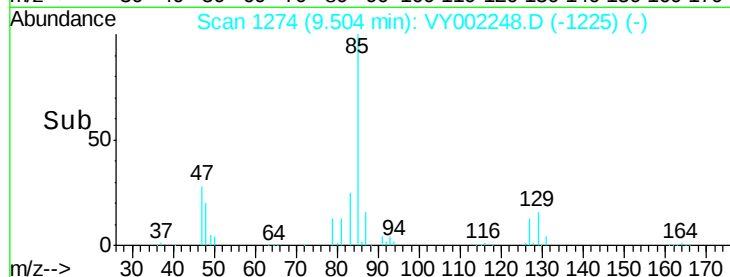
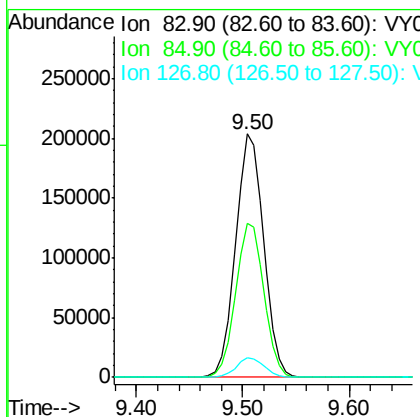
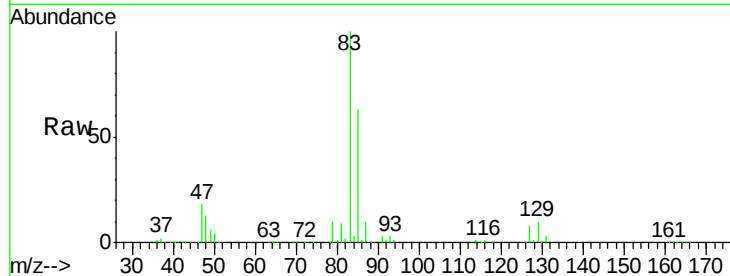
#47
Bromodichloromethane
Concen: 147.461 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	377544
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	49.7	74.5
127	7.9	6.2	9.4

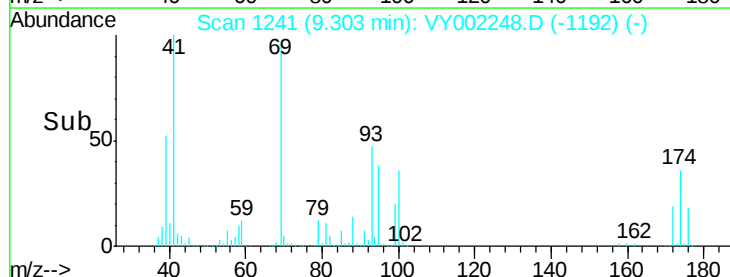
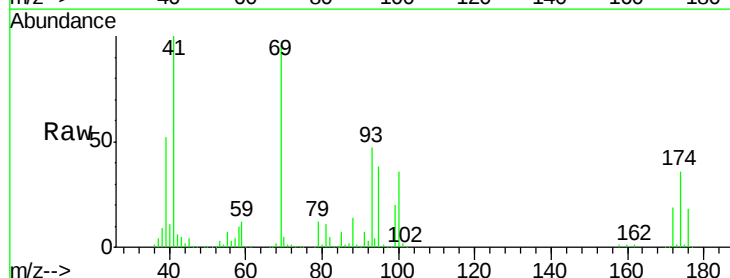
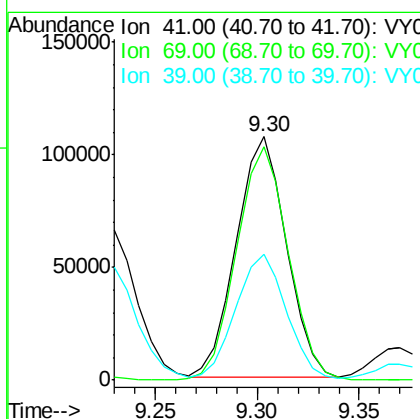
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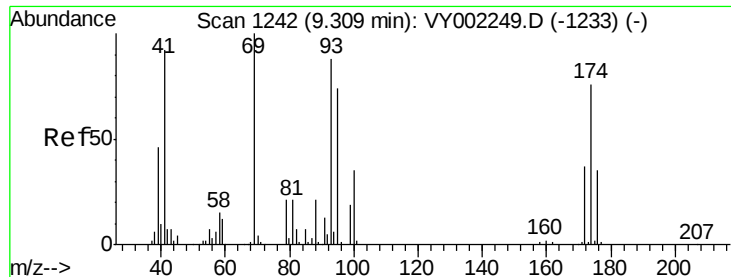
MMDadoda
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#48
Methyl methacrylate
Concen: 137.681 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	41	Resp	182345
Ion Ratio	100	Lower	Upper
41	100		
69	99.7	76.7	115.1
39	53.6	40.5	60.7





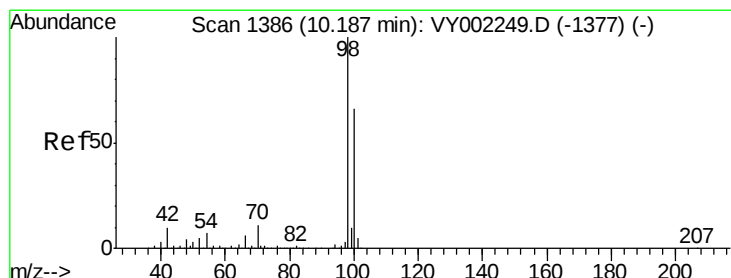
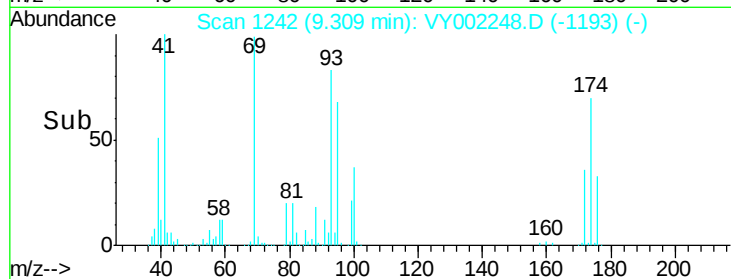
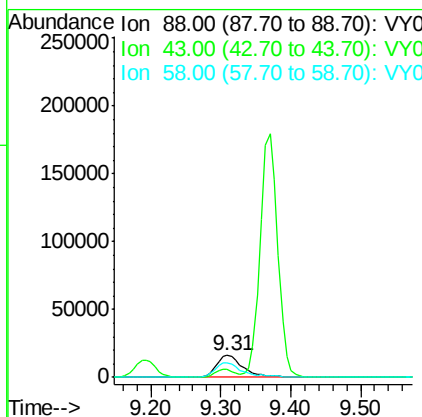
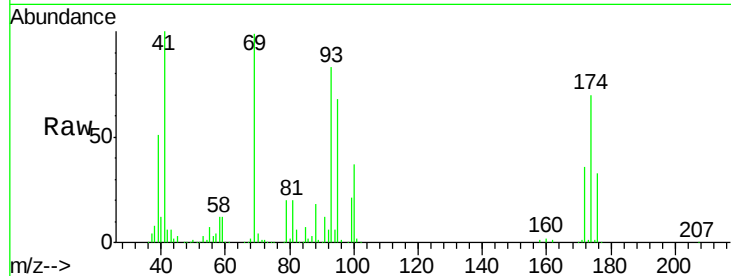
#49
1,4-Dioxane
Concen: 2776.798 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	43829
Ion Ratio	100	Lower	Upper
88	100		
43	26.3	22.2	33.2
58	68.4	57.6	86.4

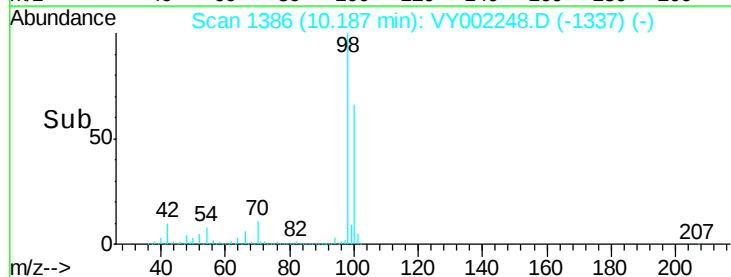
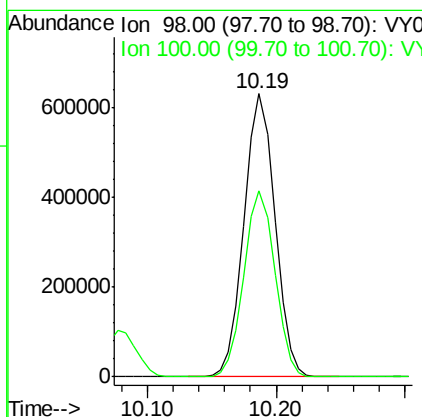
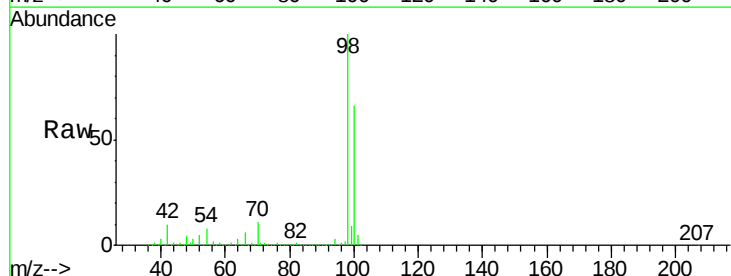
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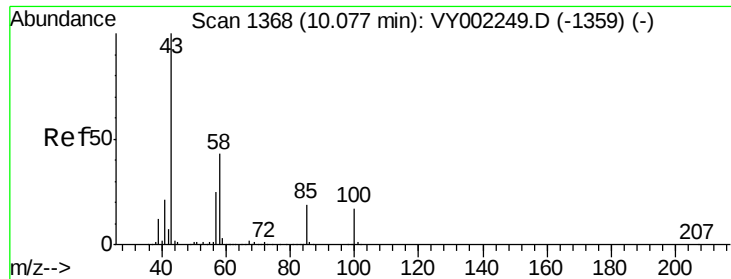
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#50
Toluene-d8
Concen: 146.088 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	98	Resp	1047186
Ion Ratio	100	Lower	Upper
98	100		
100	66.0	52.6	78.8





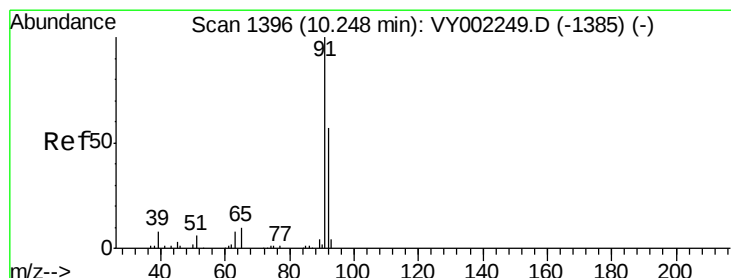
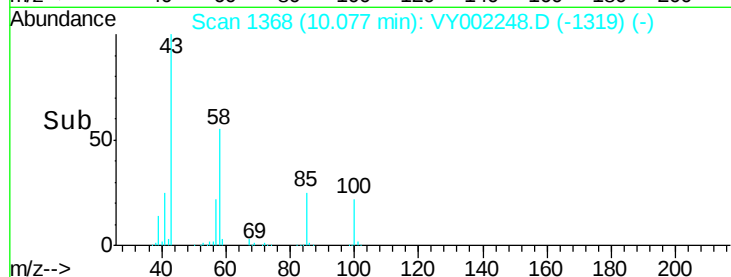
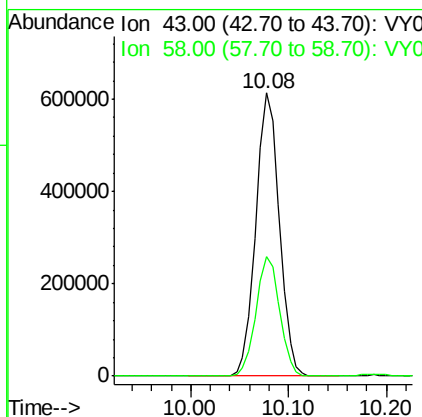
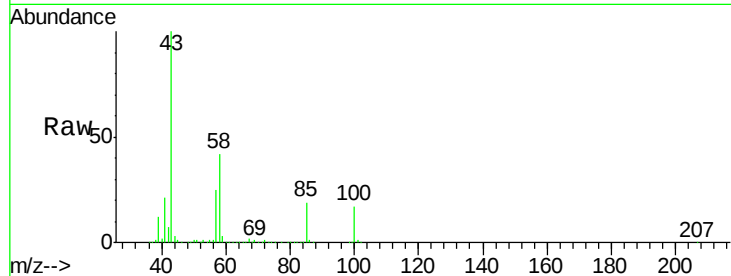
#51
4-Methyl-2-Pentanone
Concen: 665.202 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1023814
Ion Ratio Lower Upper
43 100
58 42.5 33.8 50.8

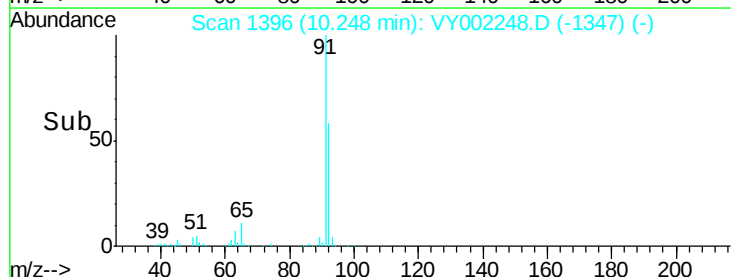
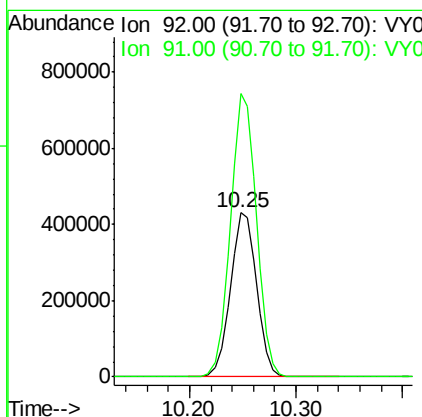
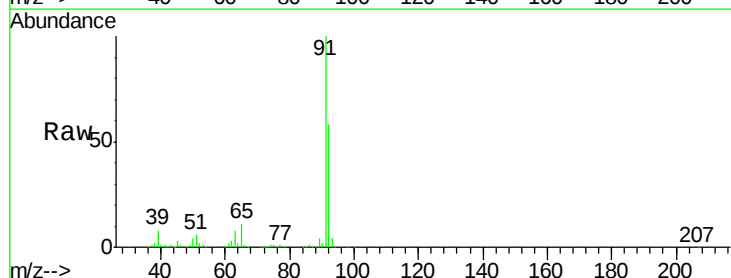
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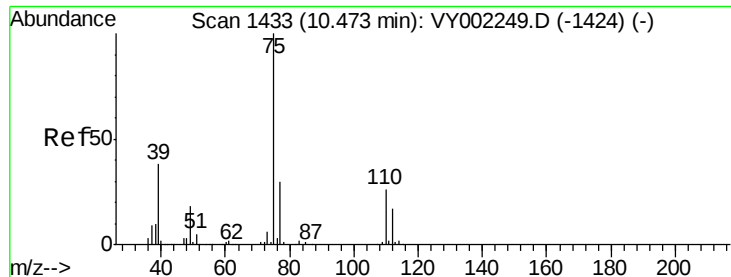
MMDadoda
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#52
Toluene
Concen: 142.961 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion: 92 Resp: 741039
Ion Ratio Lower Upper
92 100
91 171.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 146.817 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 409555

Ion Ratio Lower Upper

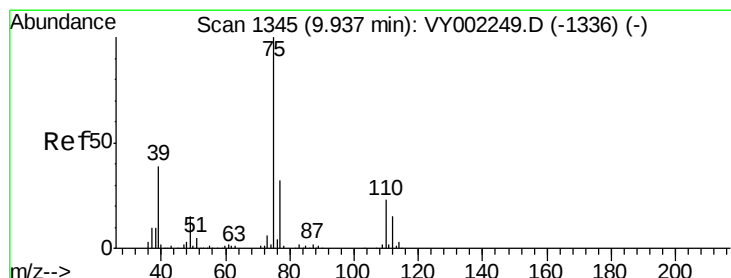
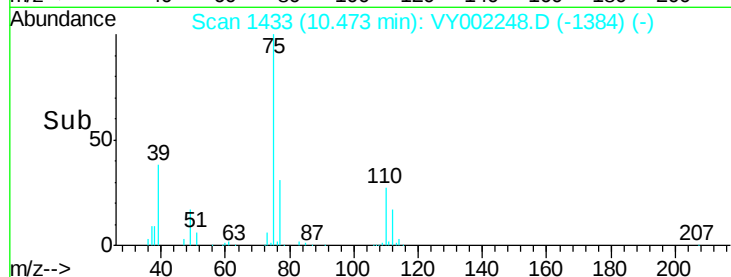
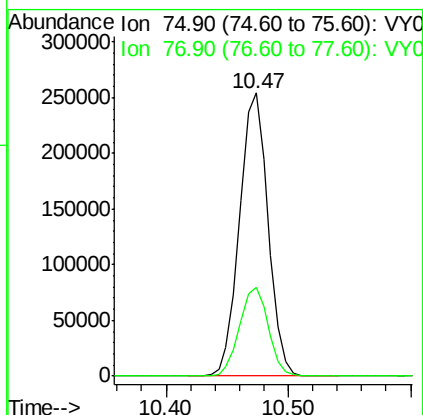
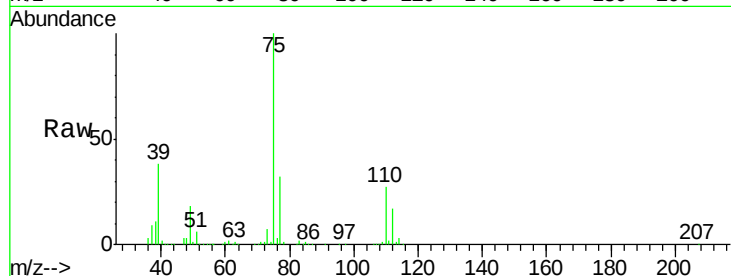
75 100

77 31.5 24.2 36.2

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4/9/2020 11:31:57 AM



#54

cis-1,3-Dichloropropene

Concen: 146.043 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

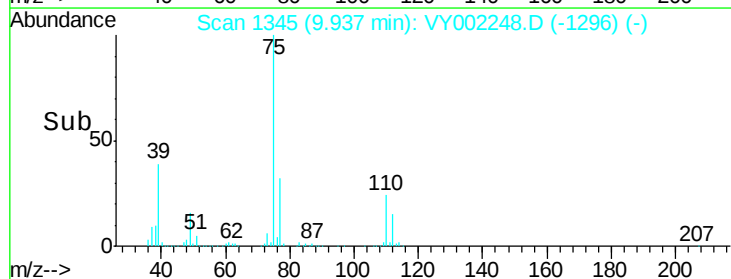
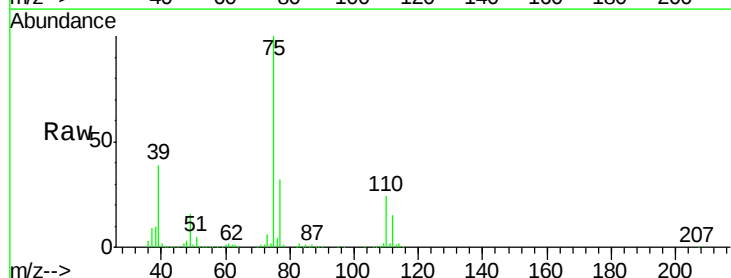
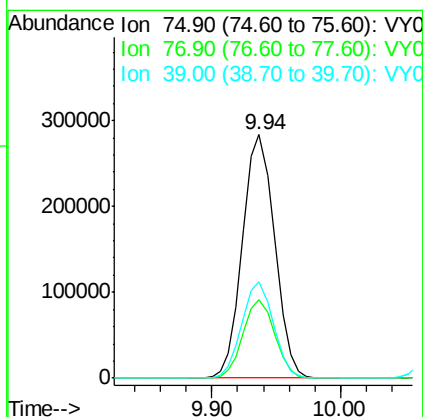
Tgt Ion: 75 Resp: 489787

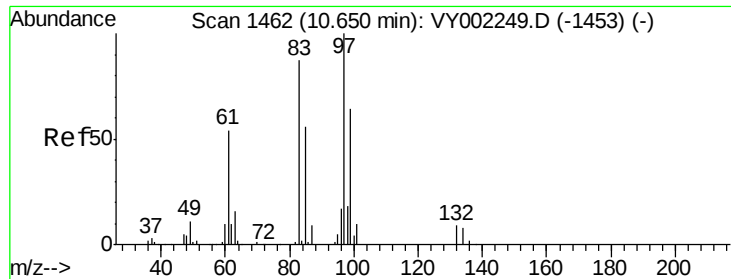
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

39 39.4 30.8 46.2





#55

1,1,2-Trichloroethane

Concen: 142.637 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

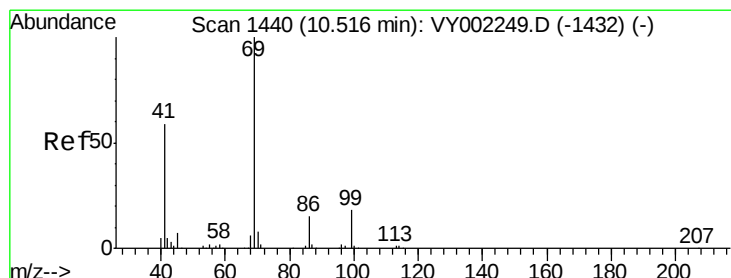
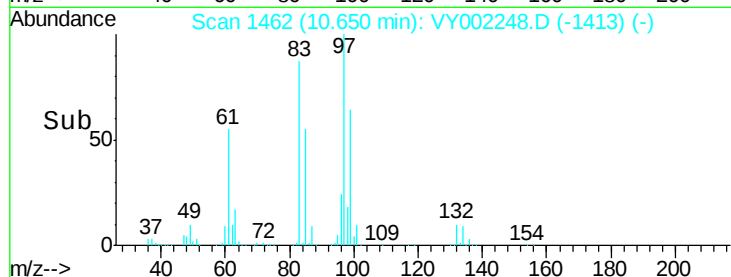
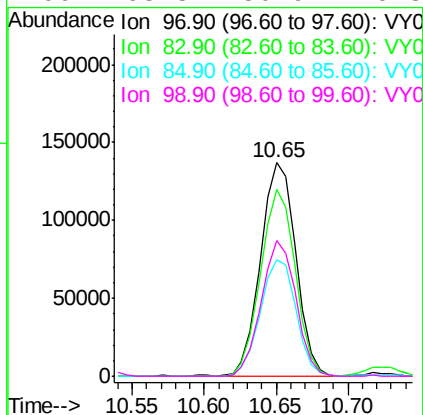
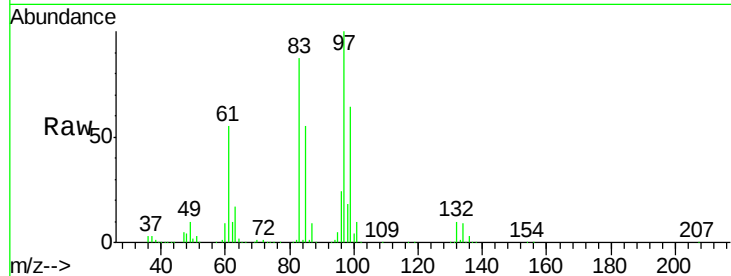
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	233015
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.5	104.3
85	54.6	45.2	67.8
99	63.8	50.9	76.3

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#56

Ethyl methacrylate

Concen: 144.657 ug/l

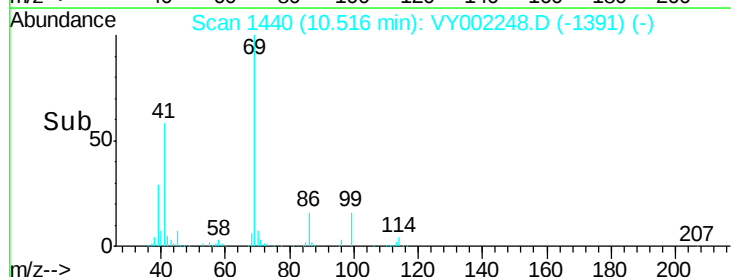
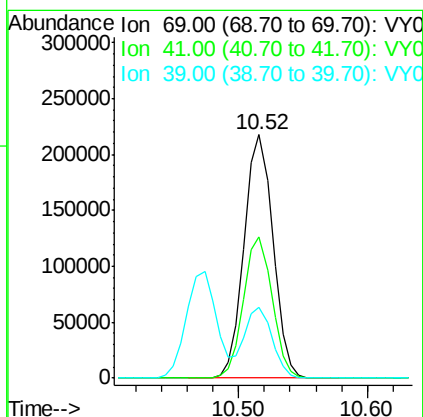
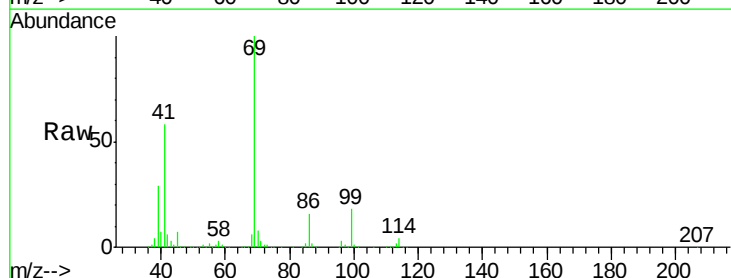
RT: 10.52 min Scan# 1440

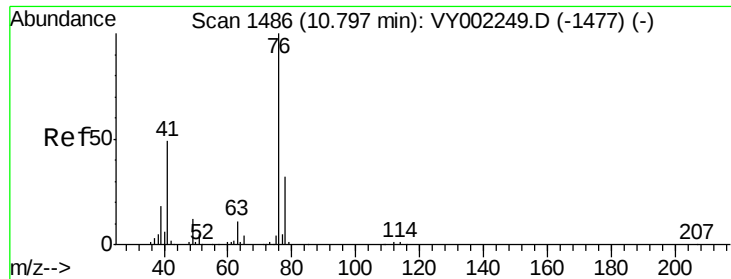
Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion:	69	Resp:	337281
Ion	Ratio	Lower	Upper
69	100		
41	57.4	47.9	71.9
39	28.9	23.8	35.6





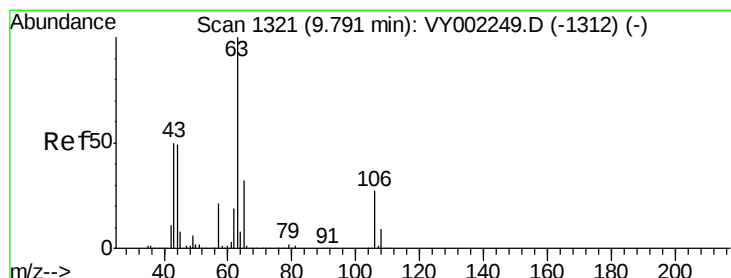
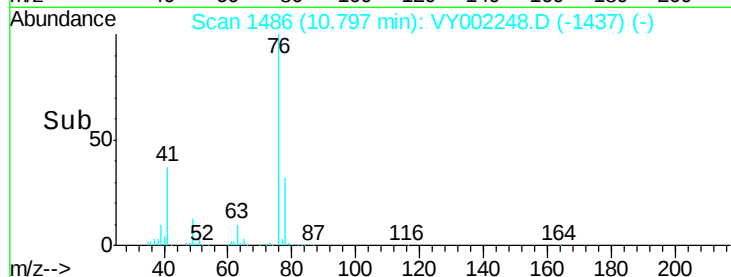
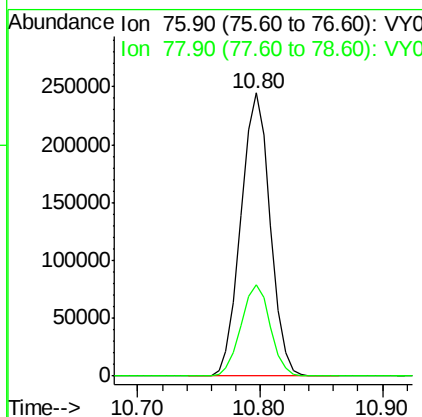
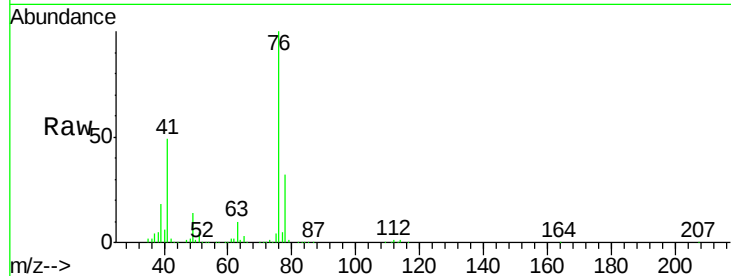
#57
 1,3-Dichloropropane
 Concen: 141.181 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

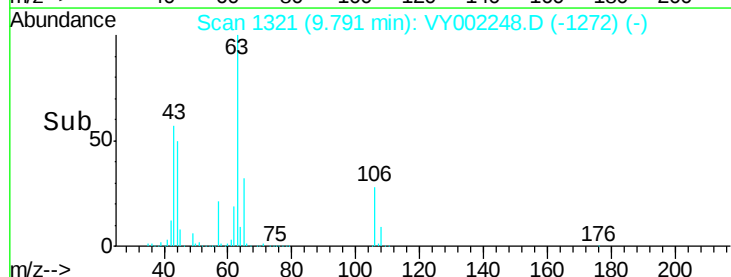
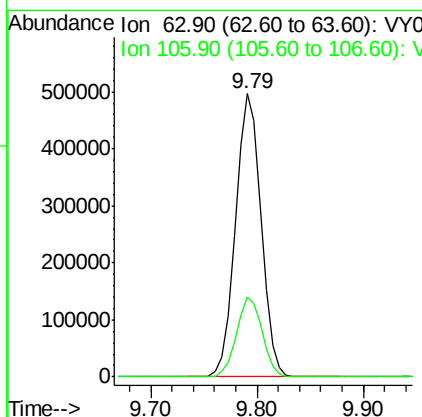
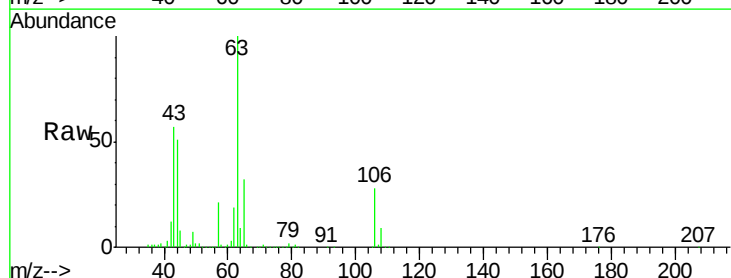
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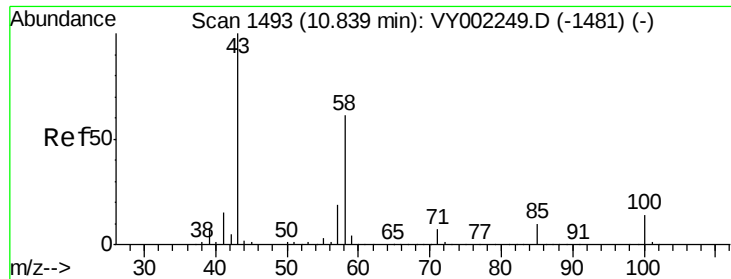
MMDadoda
 4/9/2020 11:31:57 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 691.354 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.2	33.2





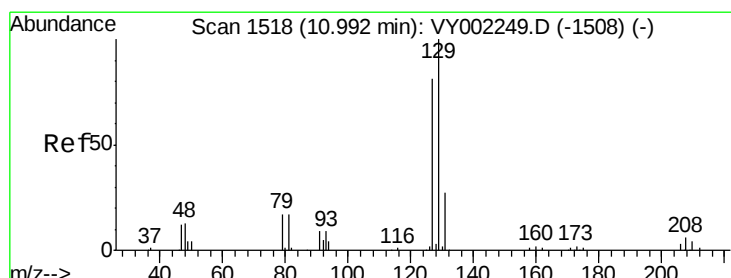
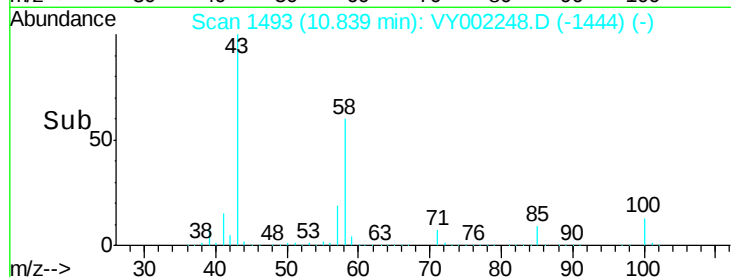
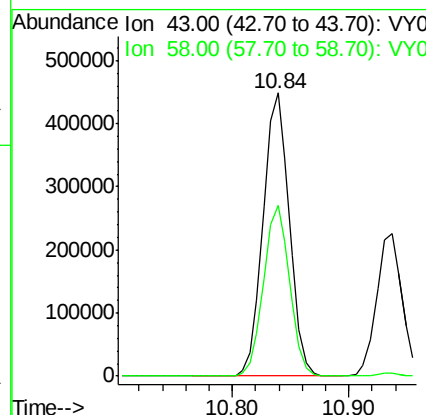
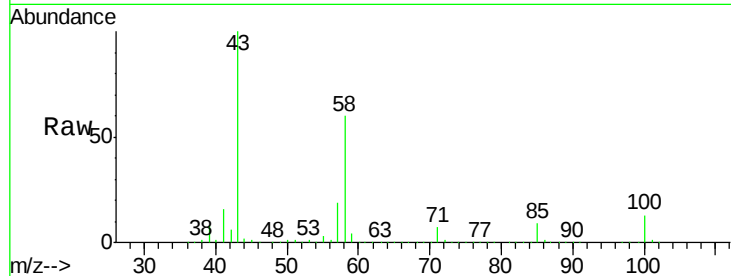
#59
2-Hexanone
Concen: 661.123 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.9	29.8	89.3

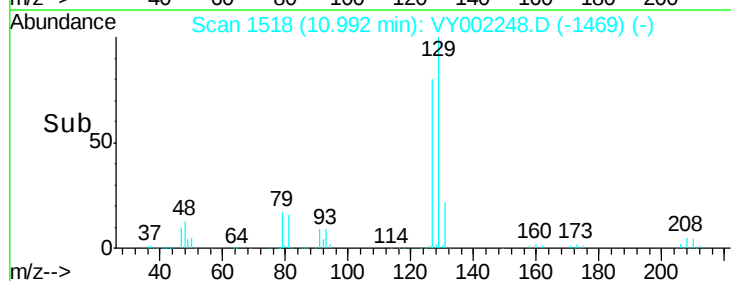
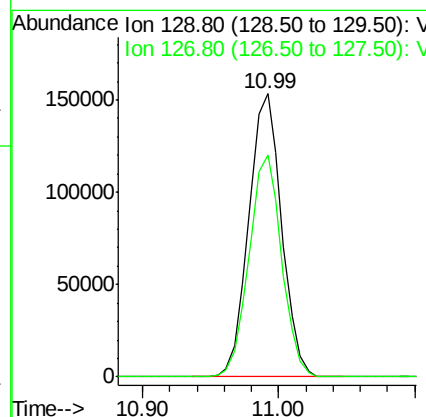
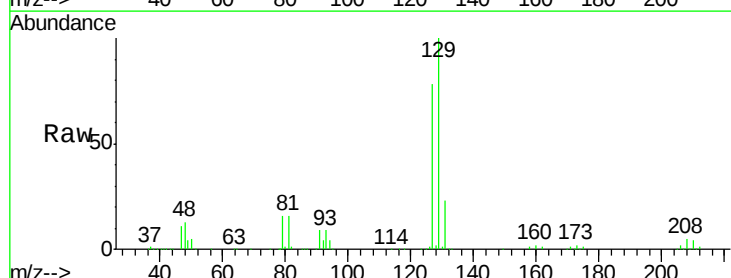
Manual Integrations
APPROVED

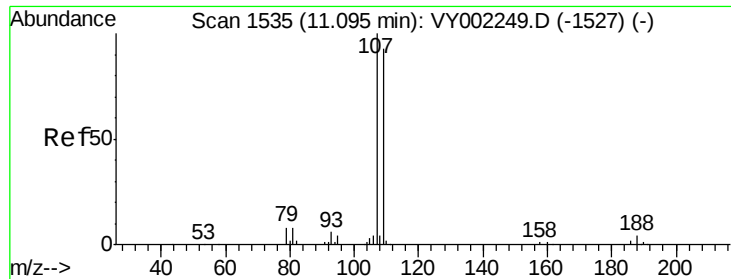
MMDadoda
4/9/2020 11:31:57 AM



#60
Dibromochloromethane
Concen: 148.807 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.0	117.0





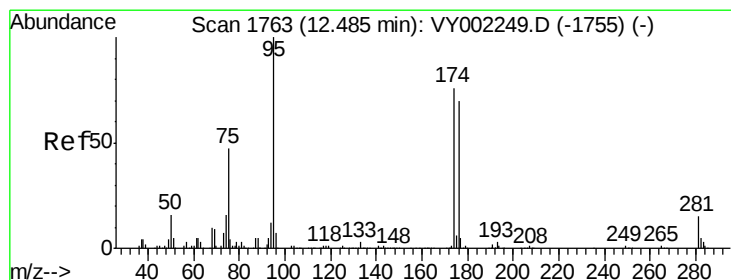
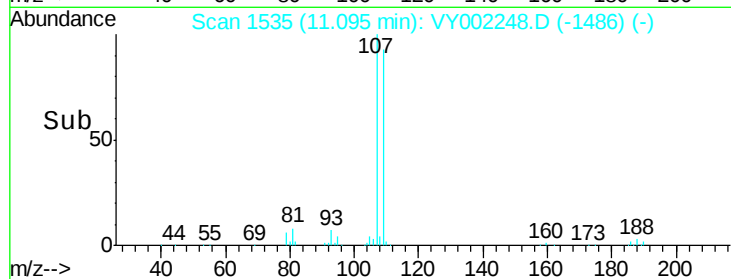
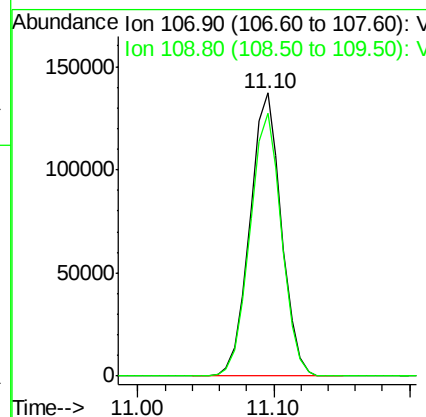
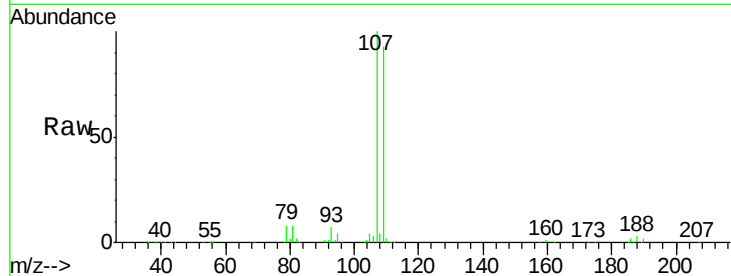
#61
 1,2-Dibromoethane
 Concen: 142.564 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.6	113.4

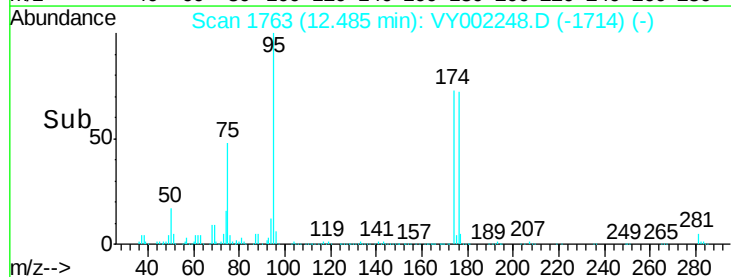
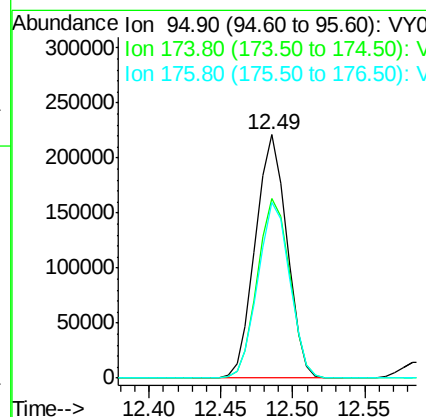
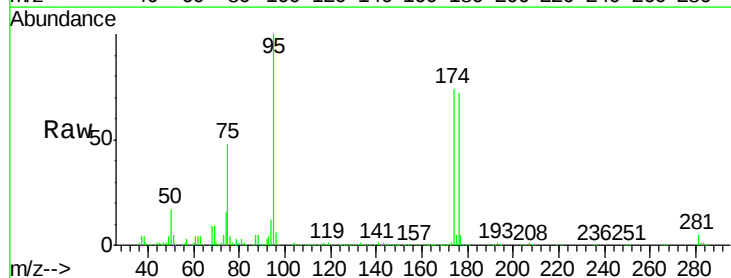
Manual Integrations
 APPROVED

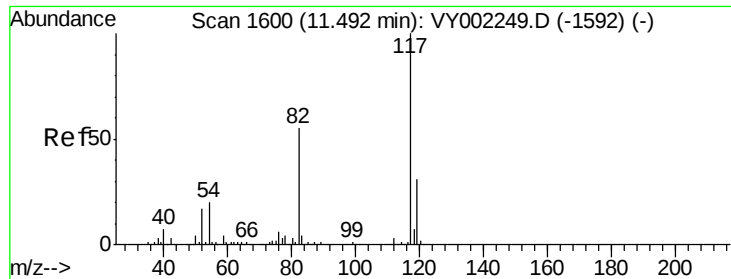
MMDadoda
 4/9/2020 11:31:57 AM



#62
 4-Bromofluorobenzene
 Concen: 141.652 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.6
176	73.0	0.0	141.4





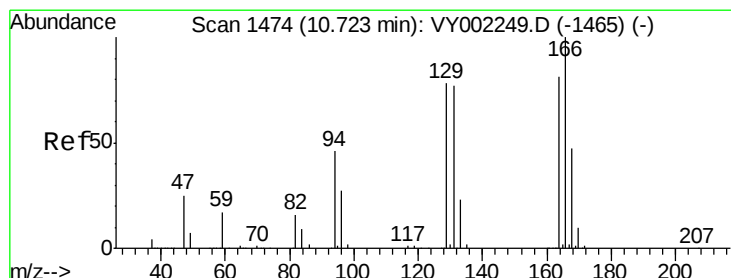
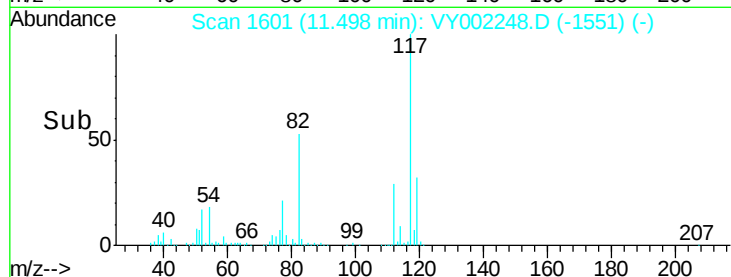
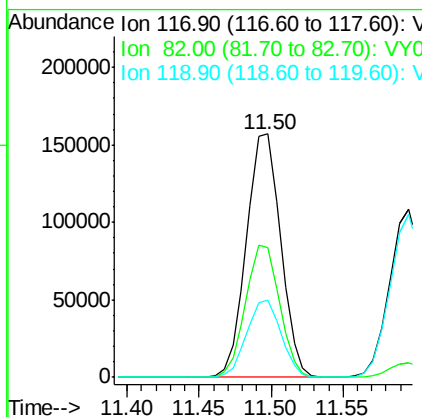
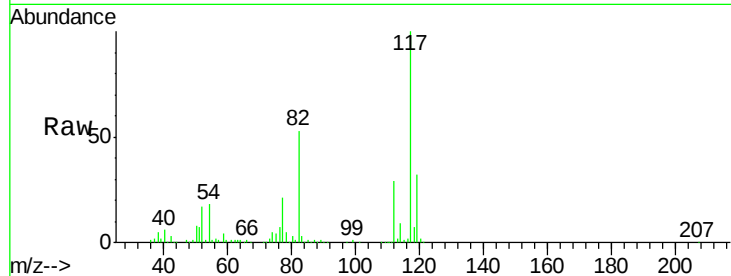
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	259023		
82	53.3		44.2	66.4
119	31.7		25.1	37.7

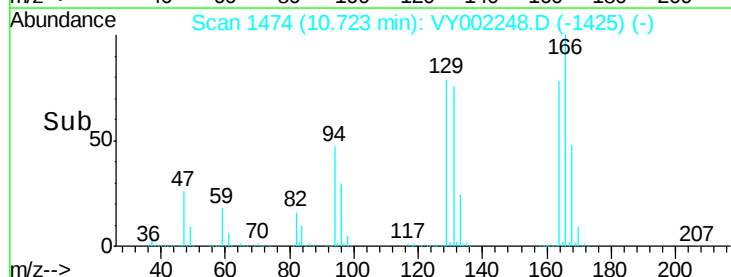
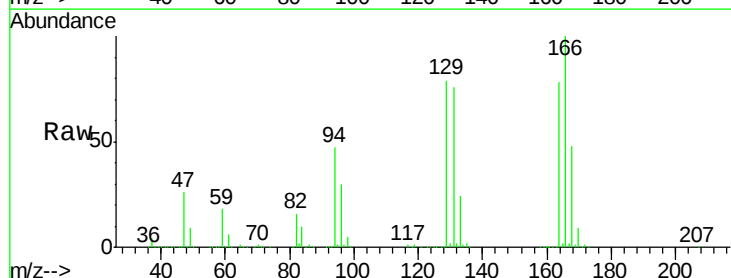
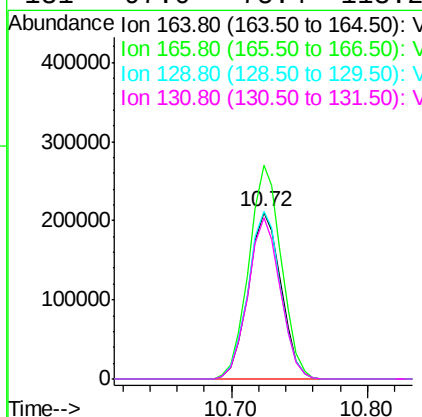
Manual Integrations
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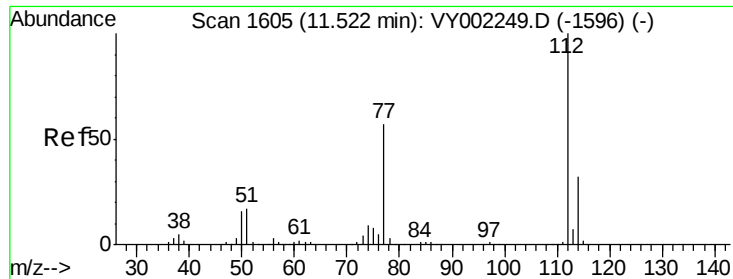
MMDadoda
4/9/2020 11:31:57 AM



#64
Tetrachloroethene
Concen: 135.731 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	355451		
166	128.3		98.4	147.6
129	100.8		76.6	115.0
131	97.0		75.4	113.2





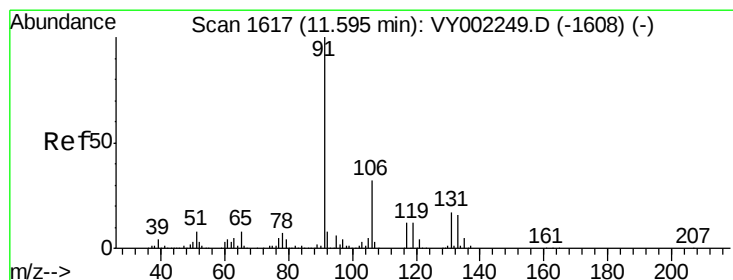
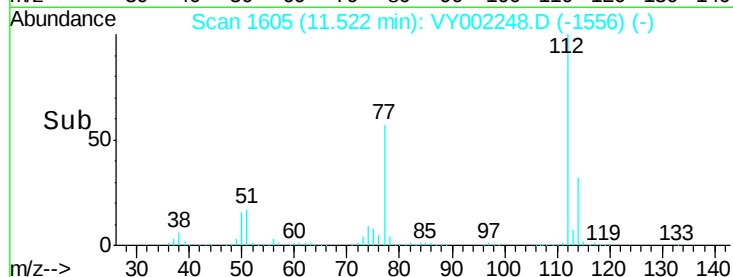
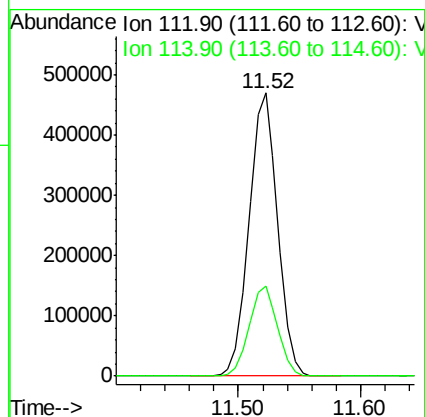
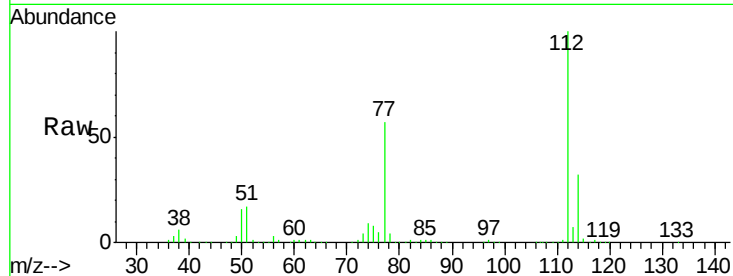
#65
Chlorobenzene
Concen: 140.981 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 759088
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

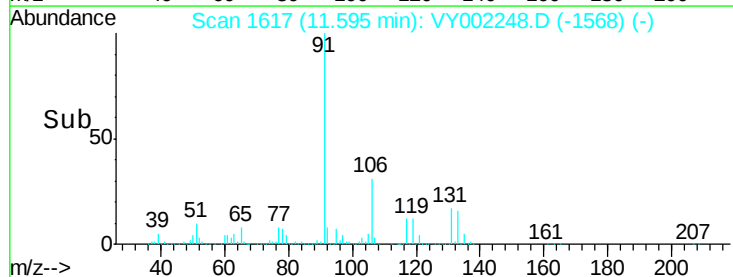
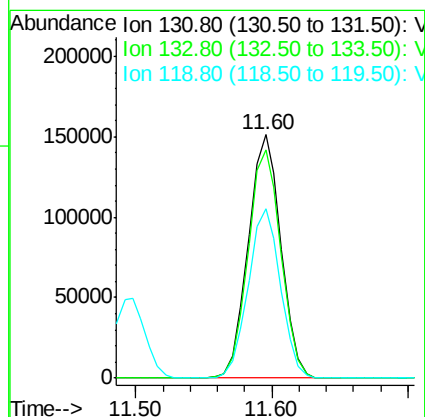
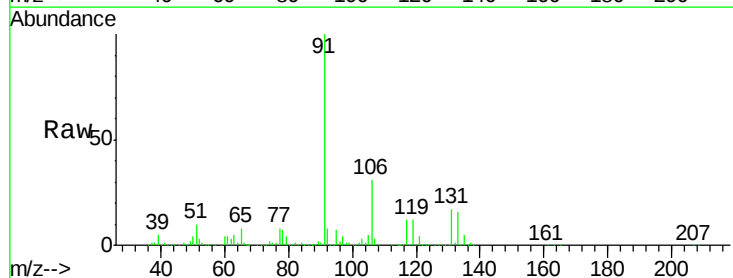
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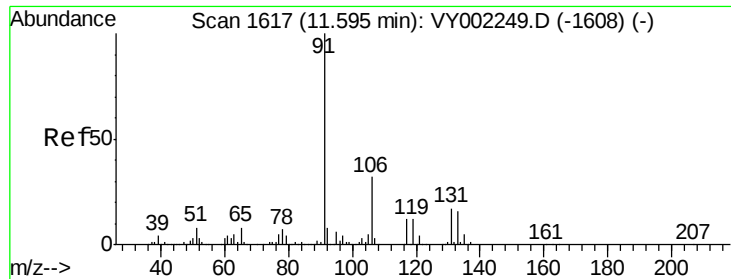
MMDadoda
4/9/2020 11:31:57 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 142.756 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion:131 Resp: 253777
Ion Ratio Lower Upper
131 100
133 94.4 46.5 139.3
119 68.9 34.5 103.6





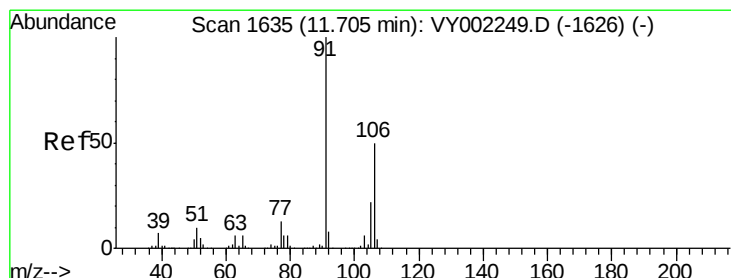
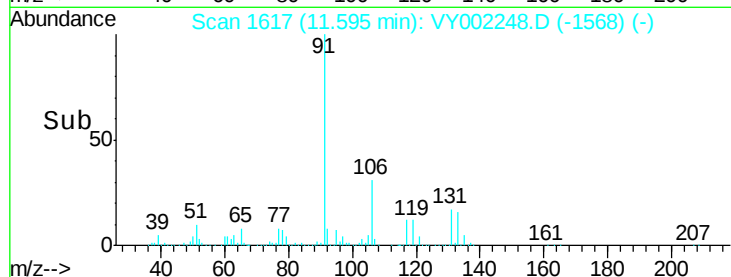
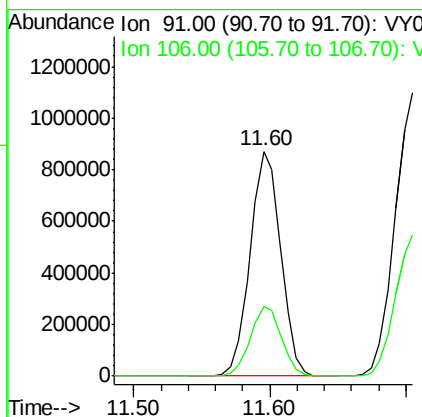
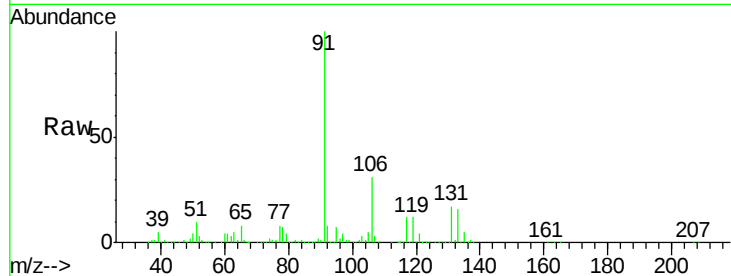
#67
Ethyl Benzene
Concen: 139.727 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 1377285
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

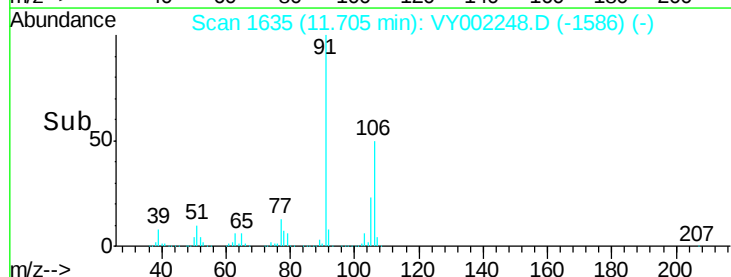
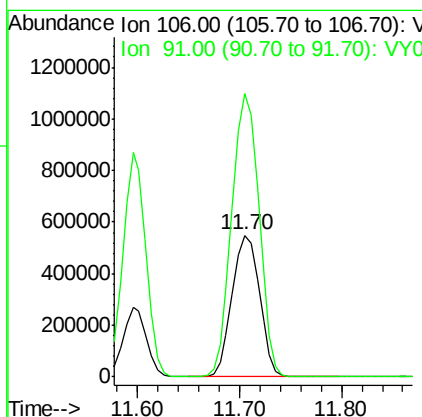
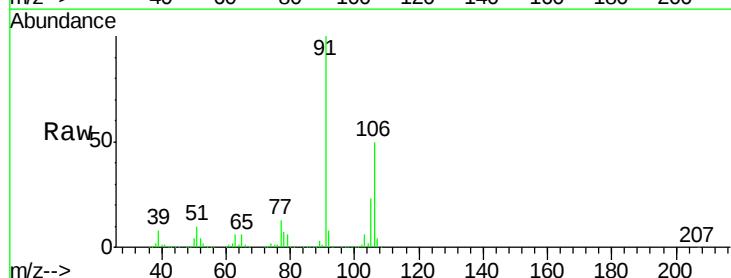
Manual Integrations
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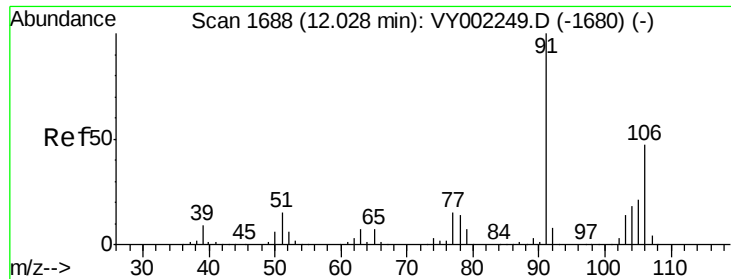
MMDadoda
4/9/2020 11:31:57 AM



#68
m/p-Xylenes
Concen: 277.701 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion: 106 Resp: 1025240
Ion Ratio Lower Upper
106 100
91 198.5 159.8 239.6





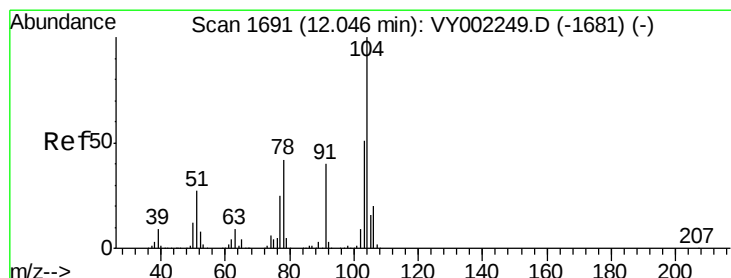
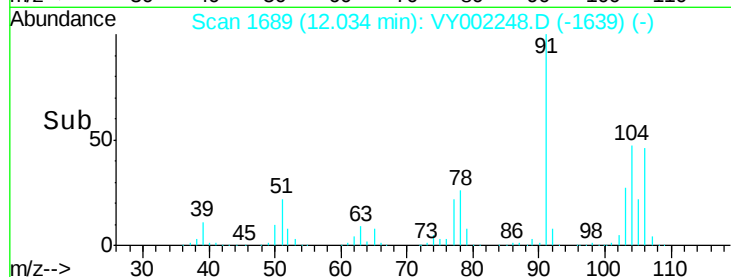
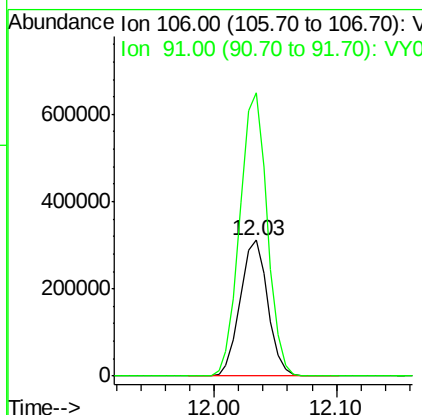
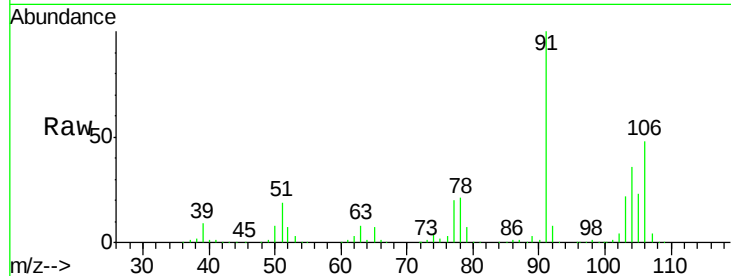
#69
o-Xylene
Concen: 139.879 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 484831
Ion Ratio Lower Upper
106 100
91 208.1 105.8 317.3

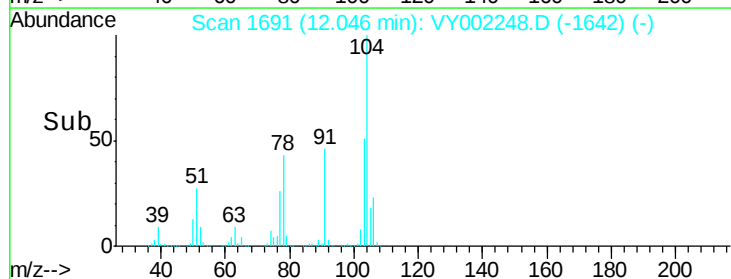
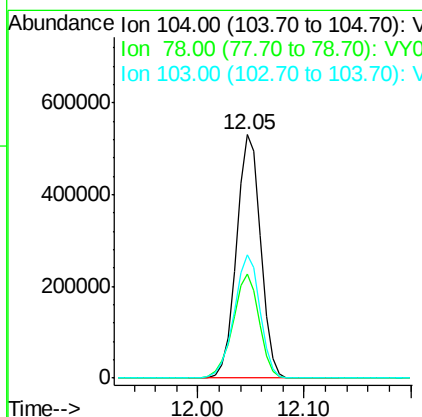
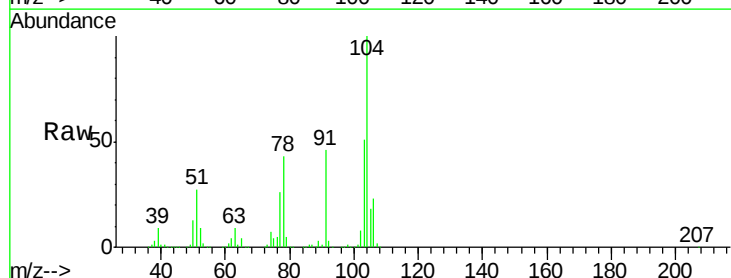
Manual Integrations
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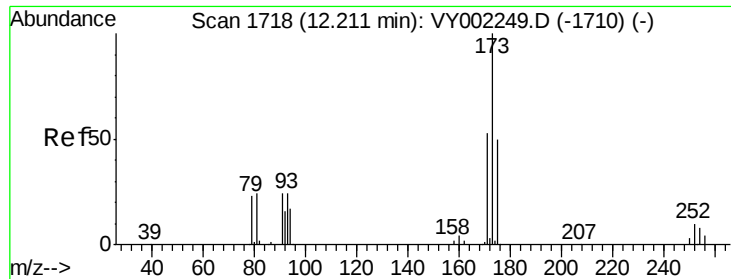
MMDadoda
4/9/2020 11:31:57 AM



#70
Styrene
Concen: 140.166 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion:104 Resp: 842882
Ion Ratio Lower Upper
104 100
78 46.1 37.2 55.8
103 54.1 43.4 65.0





#71

Bromoform

Concen: 147.906 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 142985

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

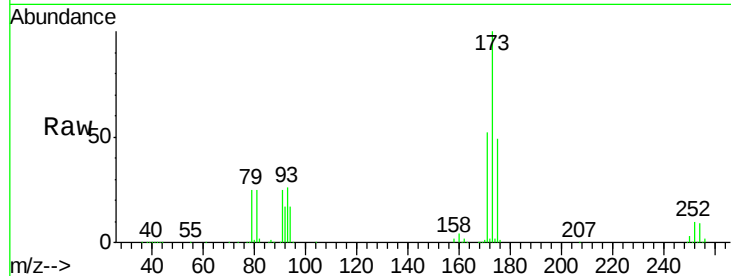
254 0.1 0.0 0.0#

Manual Integrations

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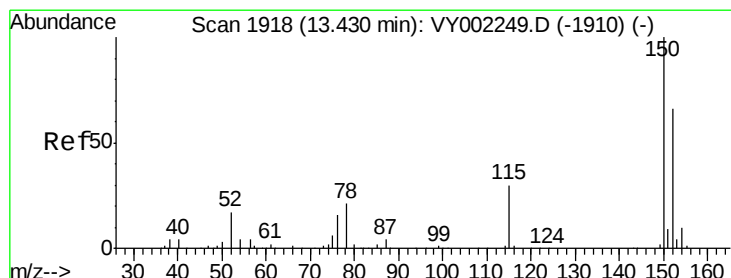
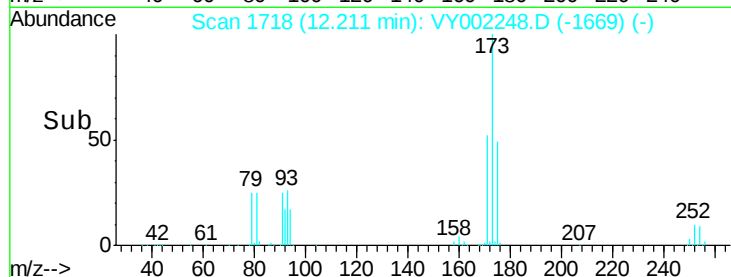
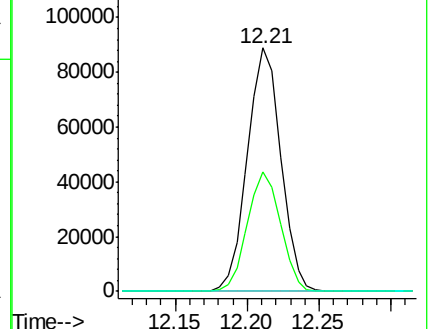
4/9/2020 11:31:57 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

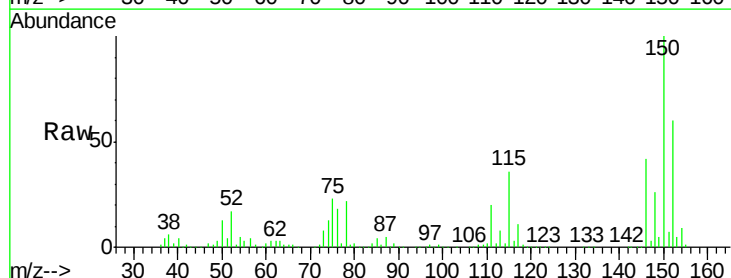
Tgt Ion:152 Resp: 110494

Ion Ratio Lower Upper

152 100

115 60.5 30.7 92.1

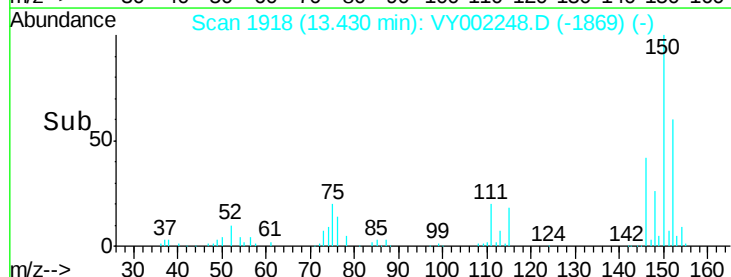
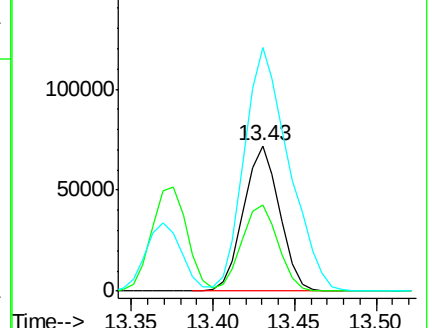
150 206.7 0.0 350.6

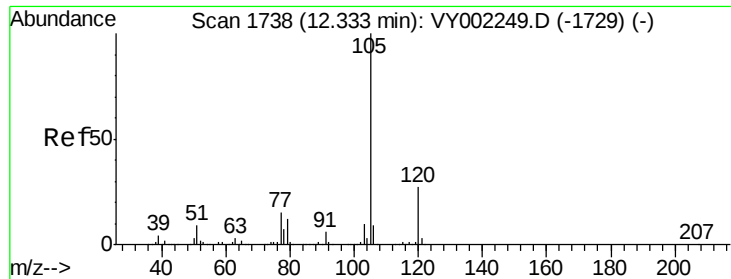


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 145.690 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1264666

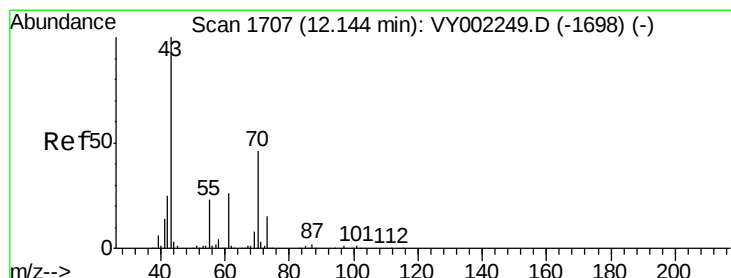
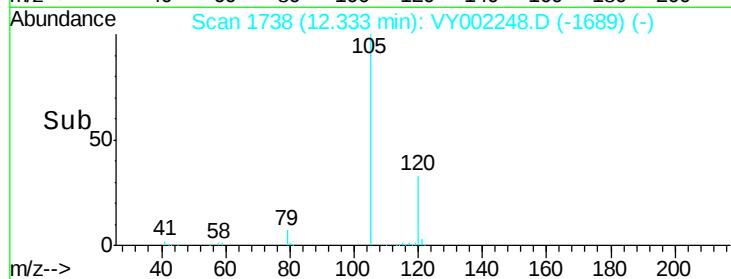
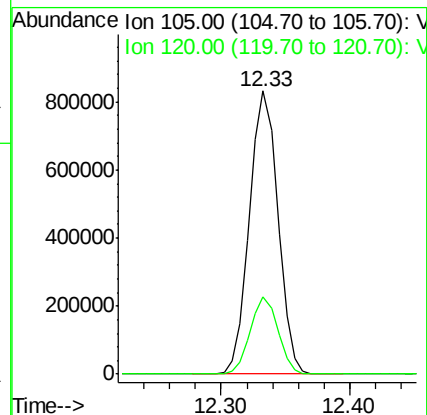
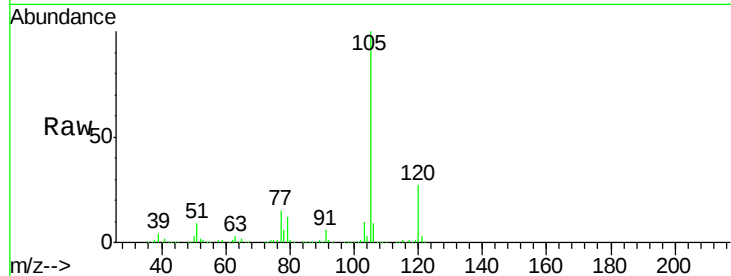
Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8

Manual Integrations
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4/9/2020 11:31:57 AM



#74

N-ethyl acetate

Concen: 139.921 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion: 43 Resp: 344776

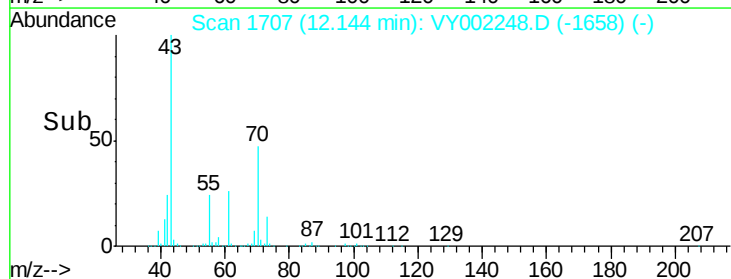
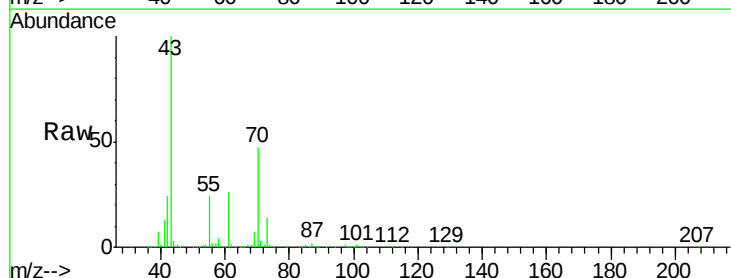
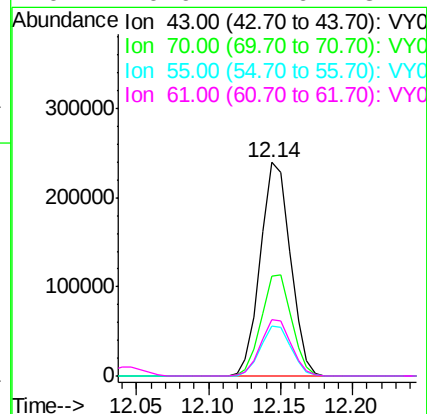
Ion Ratio Lower Upper

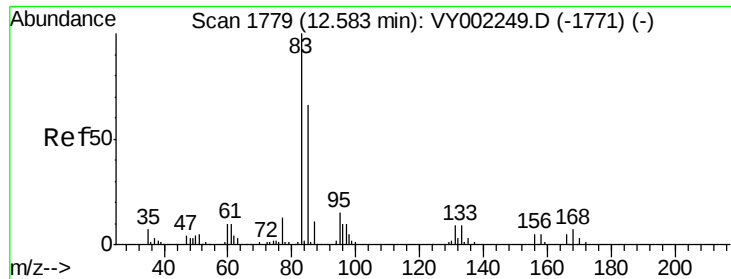
43 100

70 47.7 37.5 56.3

55 24.0 19.0 28.6

61 26.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 154.164 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

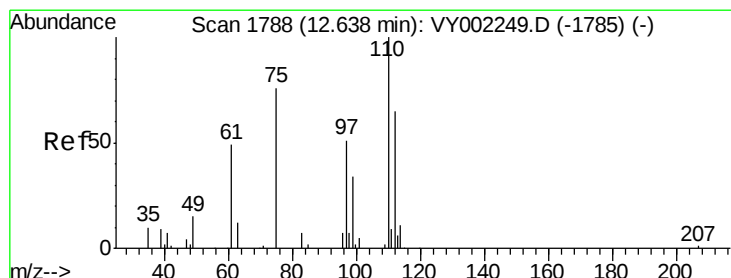
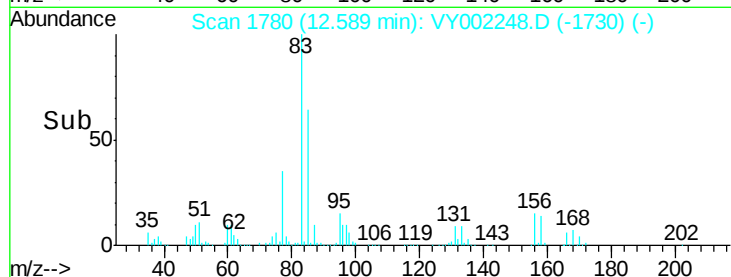
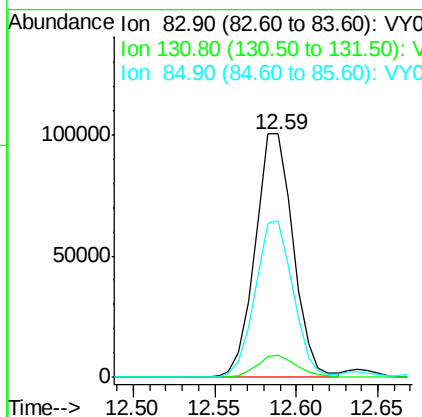
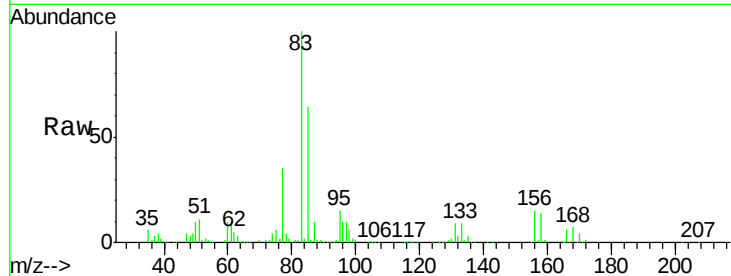
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	161908
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.0	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 91.654 ug/l m

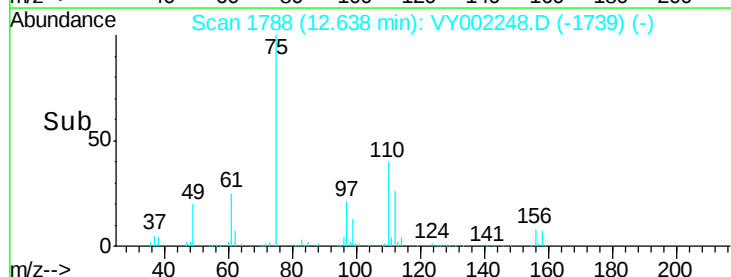
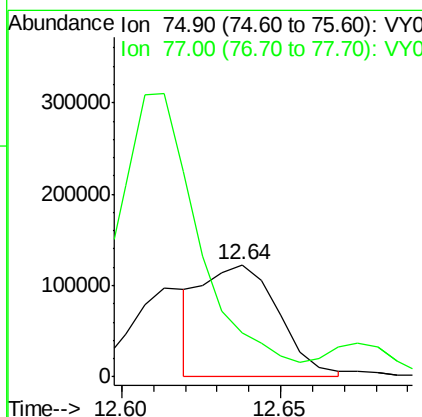
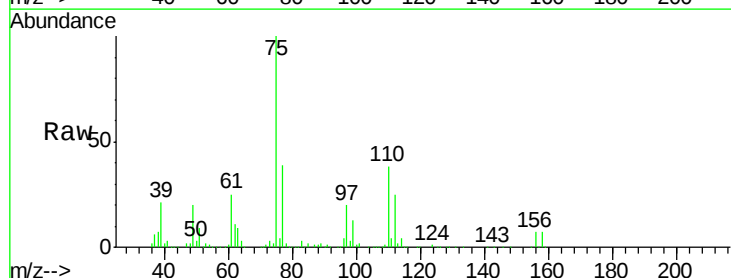
RT: 12.64 min Scan# 1788

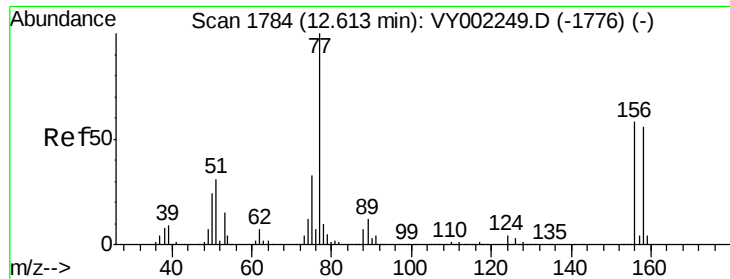
Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion:	75	Resp:	202893
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 145.797 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

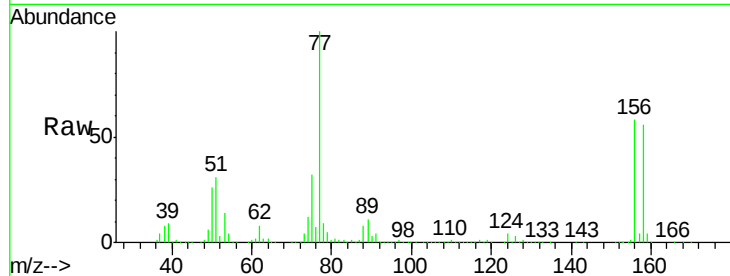
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	201.2	101.3	303.9	
158	97.0	48.3	144.8	

Manual Integrations
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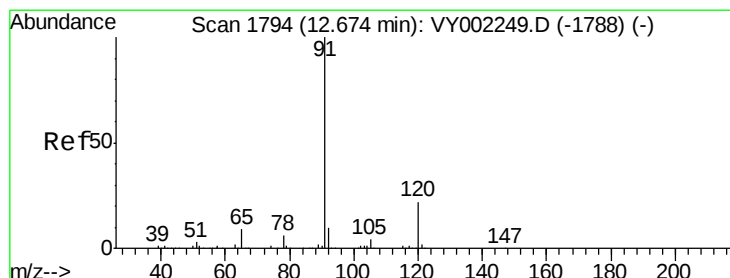
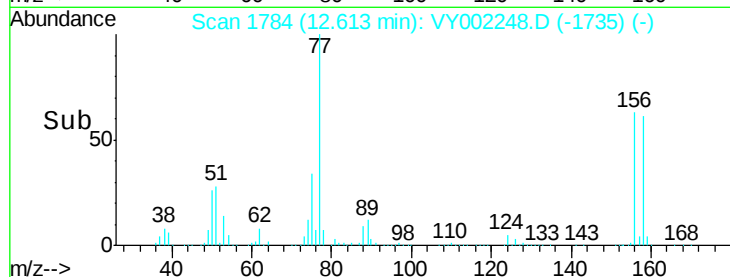
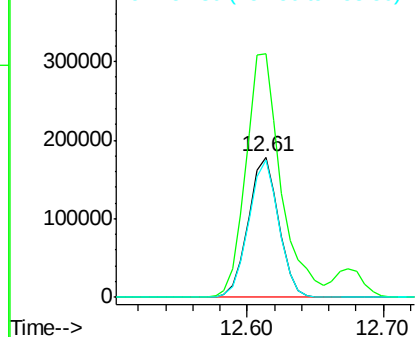


Abundance

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: 143.296 ug/l

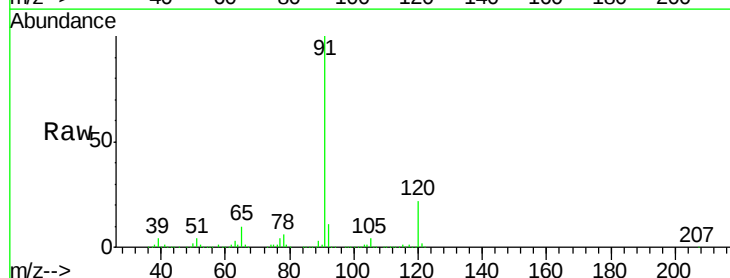
RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

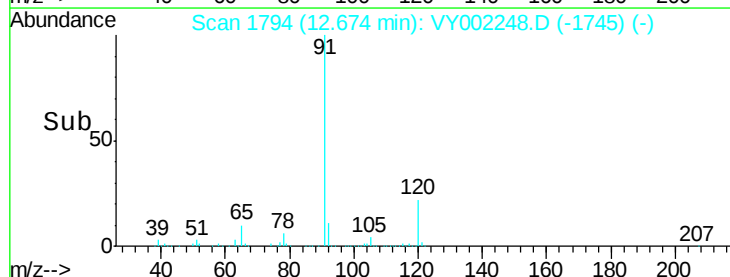
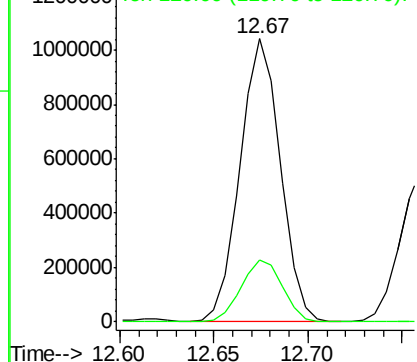
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.2	33.5	

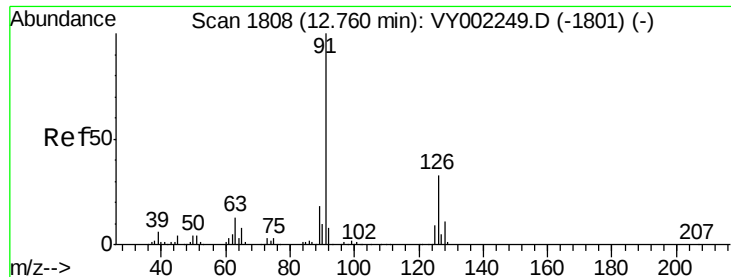


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





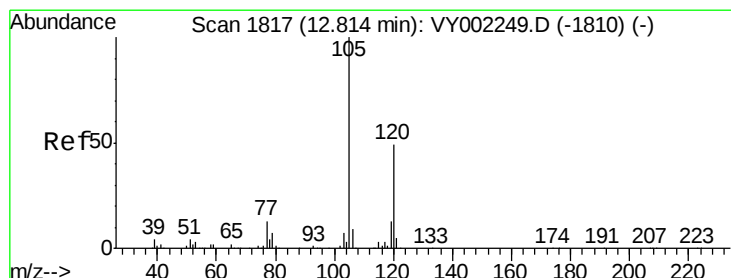
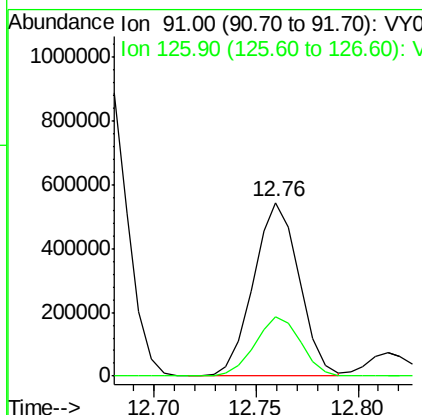
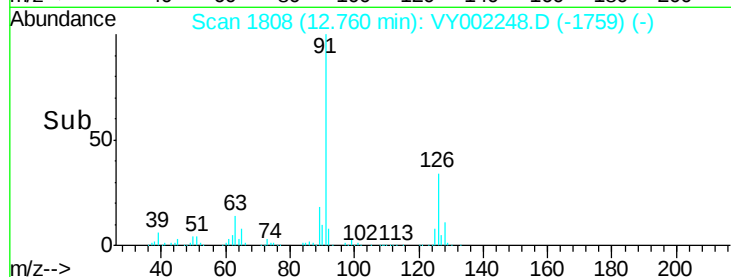
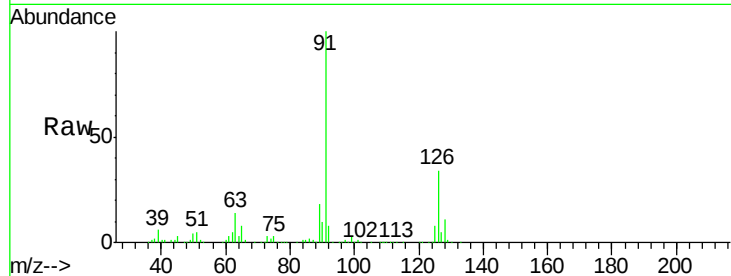
#79
2-Chlorotoluene
Concen: 144.813 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 849628
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7

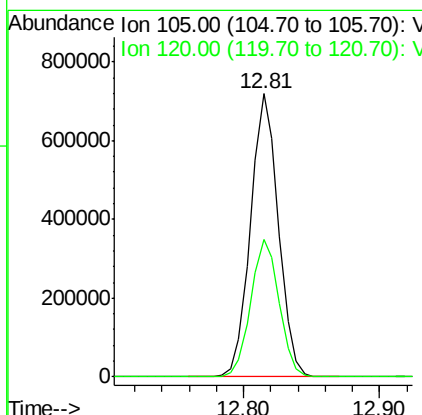
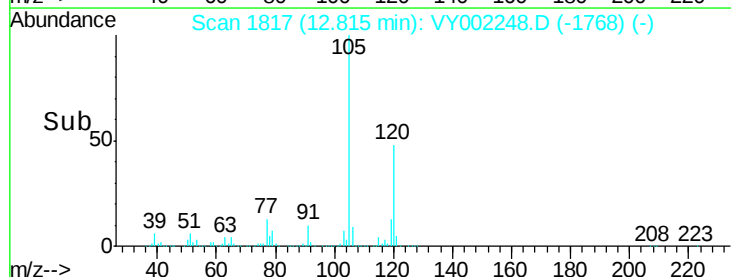
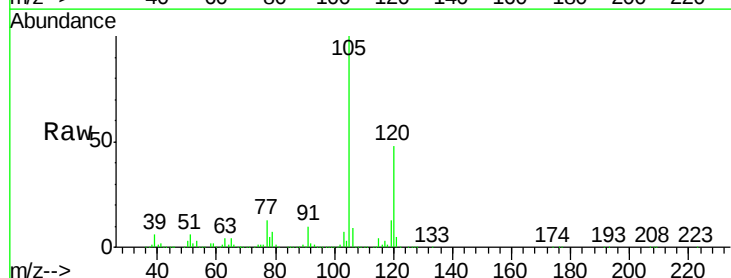
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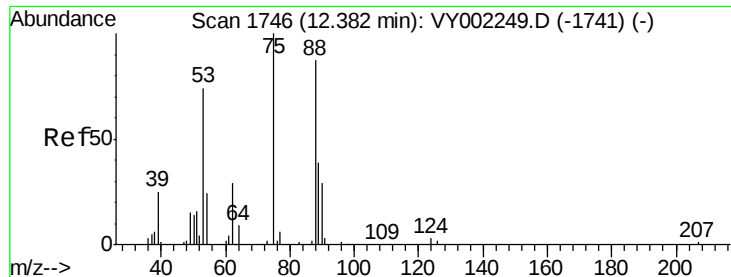
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#80
1,3,5-Trimethylbenzene
Concen: 143.891 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion: 105 Resp: 1033001
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 150.188 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

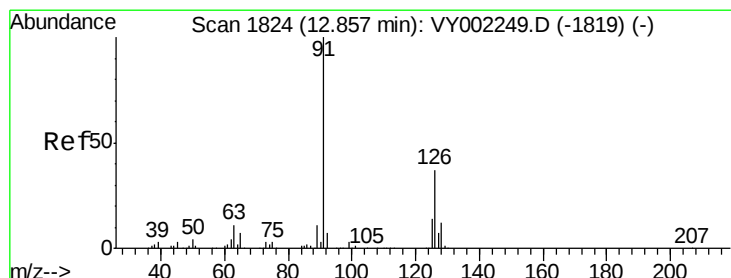
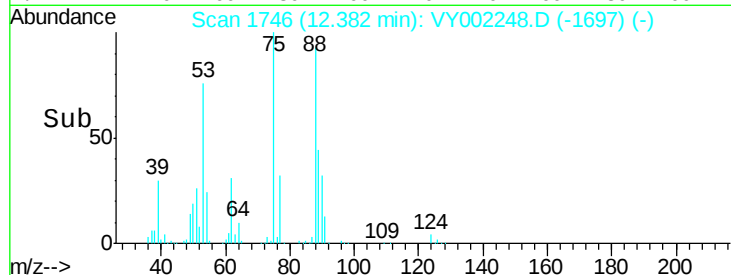
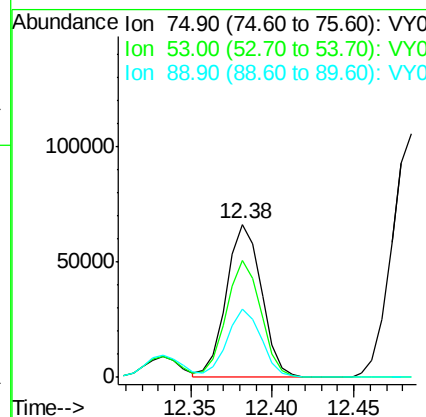
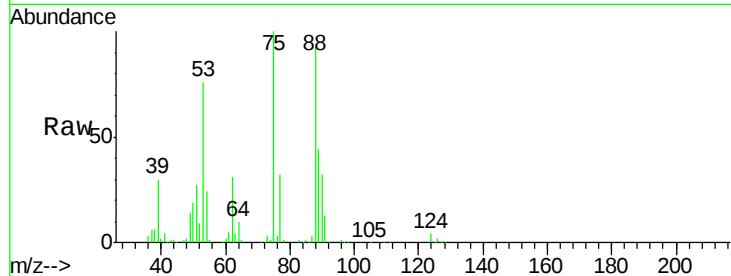
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	99077
Ion Ratio	Lower	Upper	
75	100		
53	75.3	59.8	89.8
89	43.3	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 141.362 ug/l

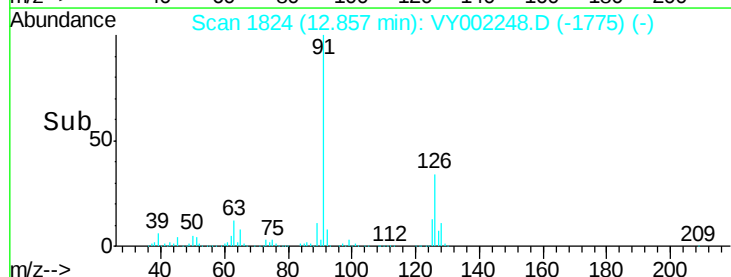
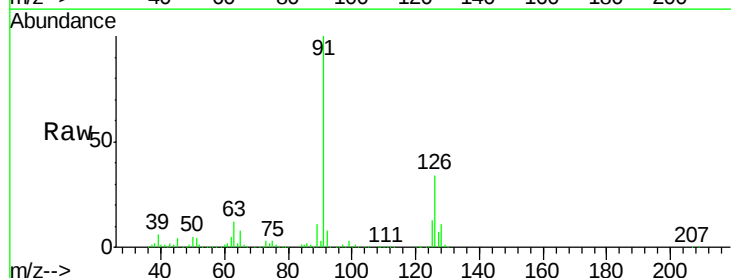
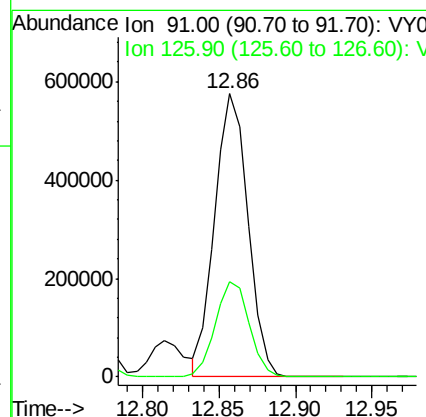
RT: 12.86 min Scan# 1824

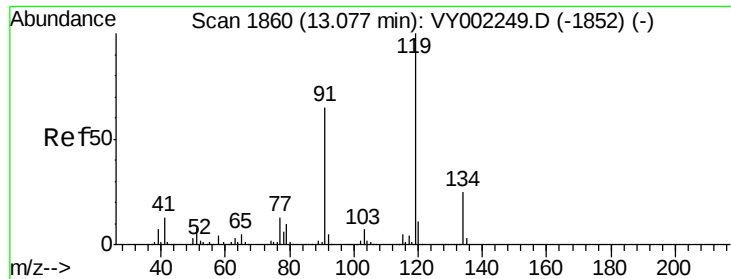
Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion:	91	Resp:	869282
Ion Ratio	Lower	Upper	
91	100		
126	34.5	16.9	50.7





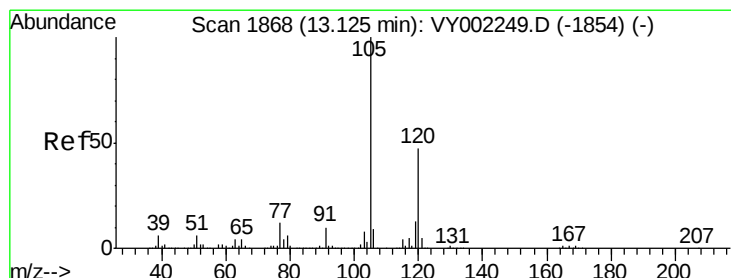
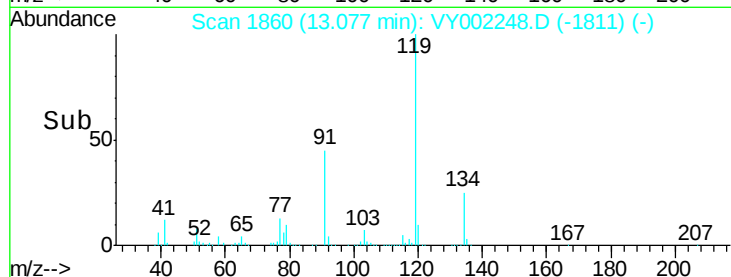
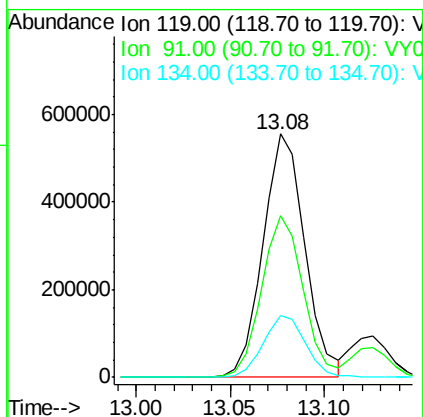
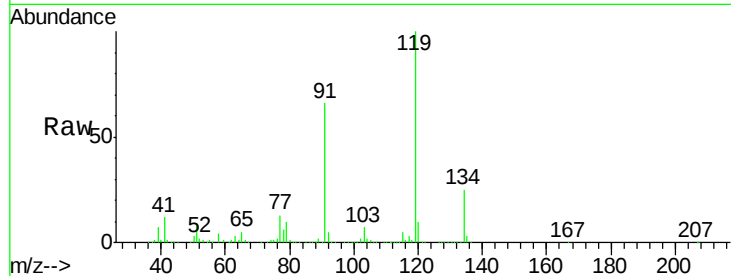
#83
 tert-Butylbenzene
 Concen: 142.274 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
119	100	855545		
91	65.8	32.4	97.0	
134	25.8	12.6	37.6	

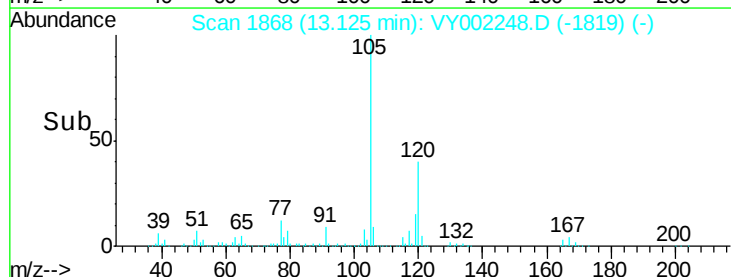
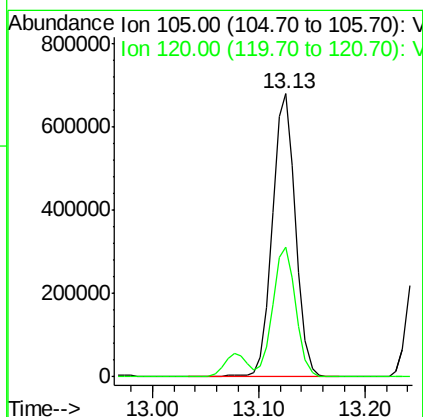
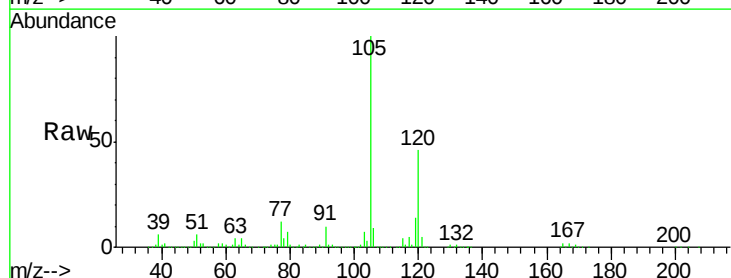
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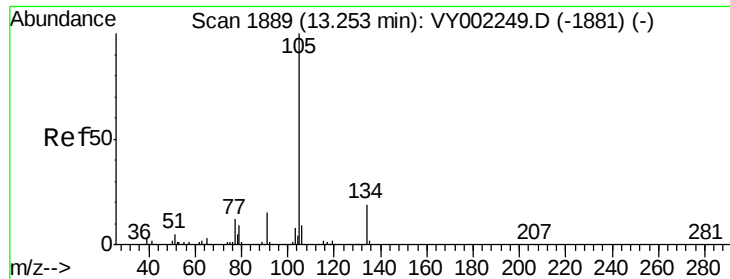
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#84
 1,2,4-Trimethylbenzene
 Concen: 143.134 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1026100		
120	45.8	23.1	69.2	





#85

sec-Butylbenzene

Concen: 139.403 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1248772

Ion Ratio Lower Upper

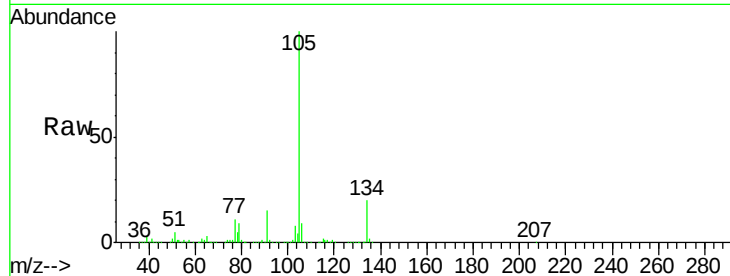
105 100

134 19.7 9.8 29.3

Manual Integrations
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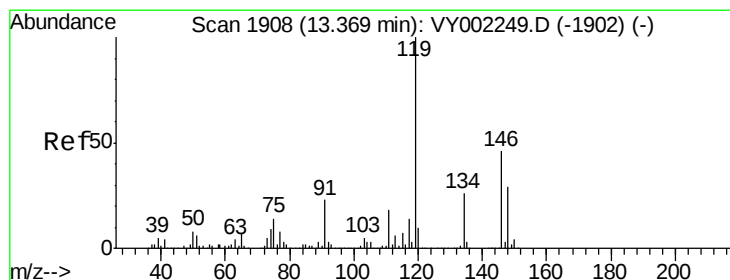
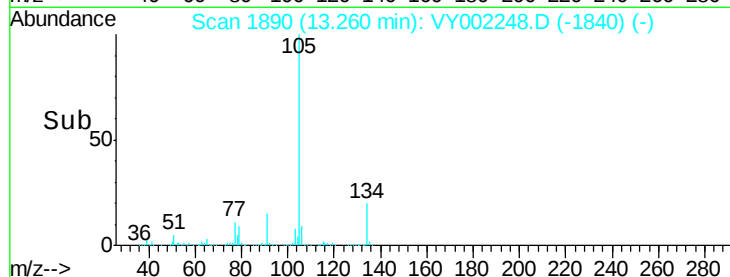
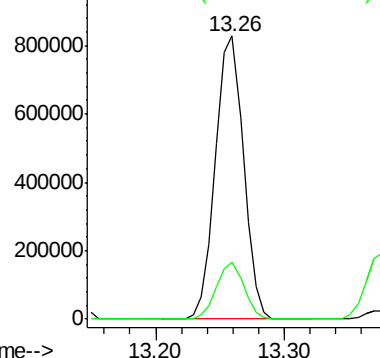
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 139.098 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

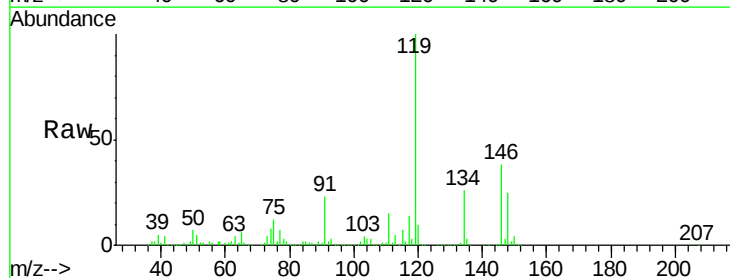
Tgt Ion:119 Resp: 1072423

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

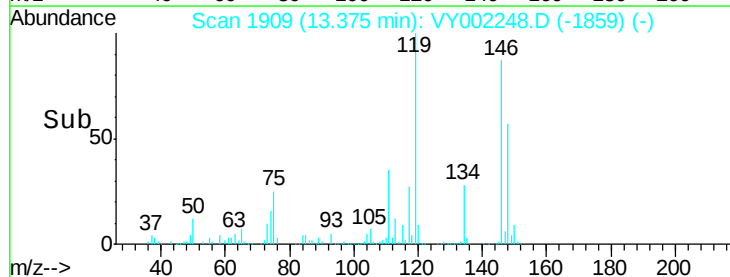
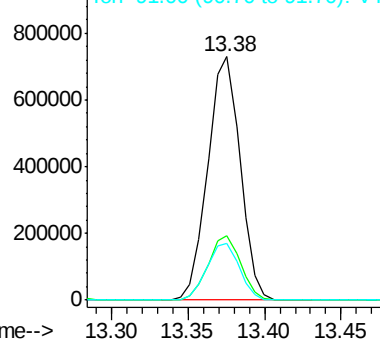
91 23.3 11.5 34.4

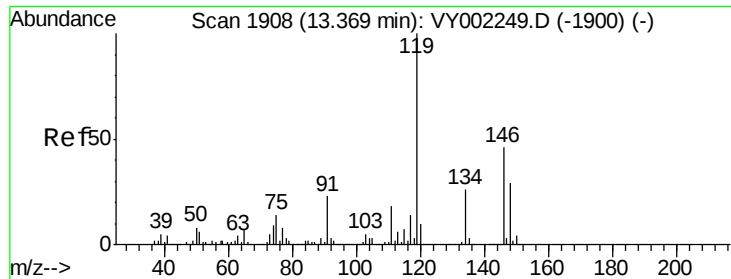


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 138.053 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

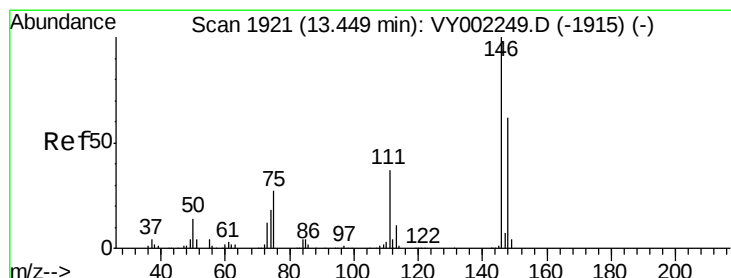
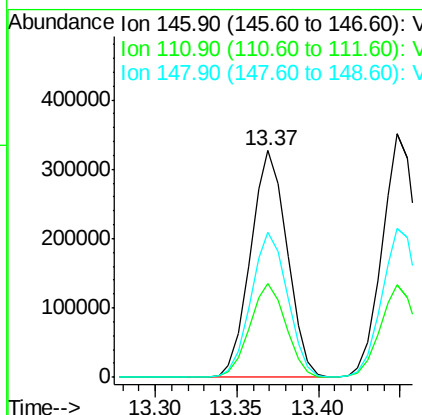
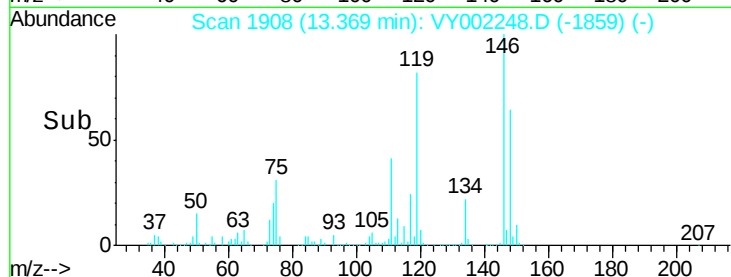
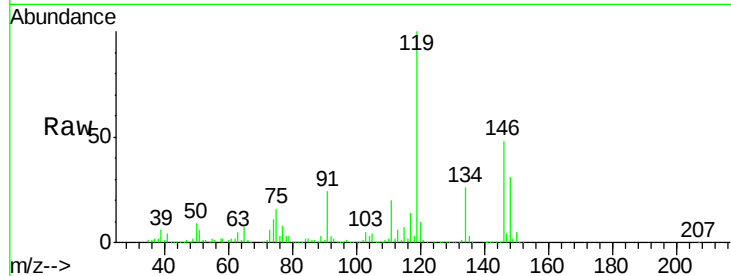
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	510966
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	60.8
148	63.8	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 139.897 ug/l

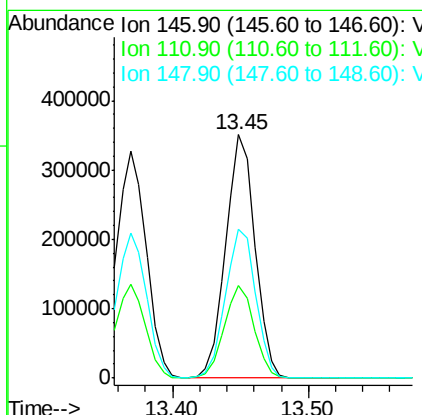
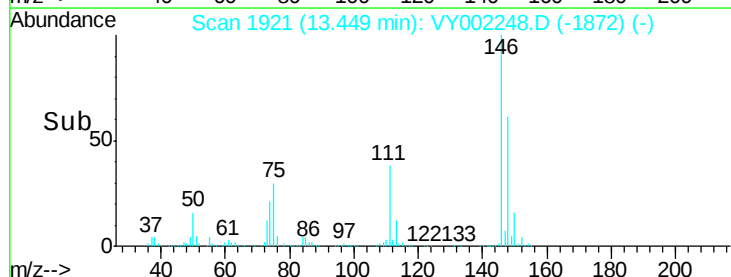
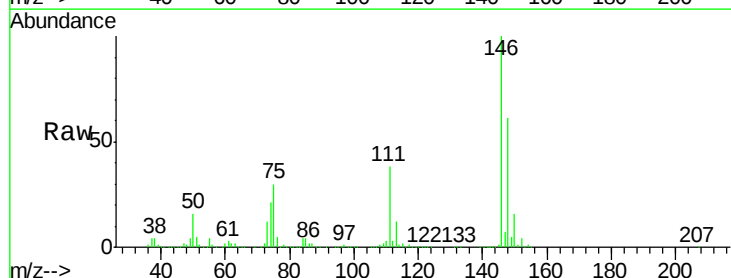
RT: 13.45 min Scan# 1921

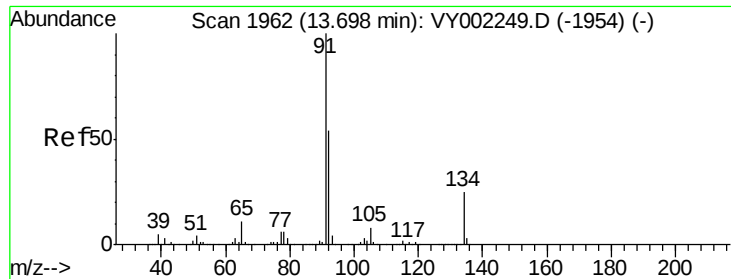
Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion:	146	Resp:	525597
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.6	58.8
148	63.2	32.0	96.0





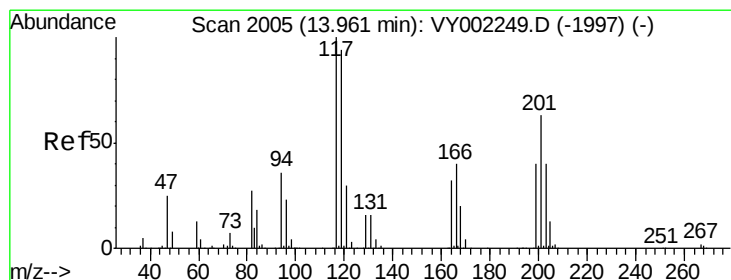
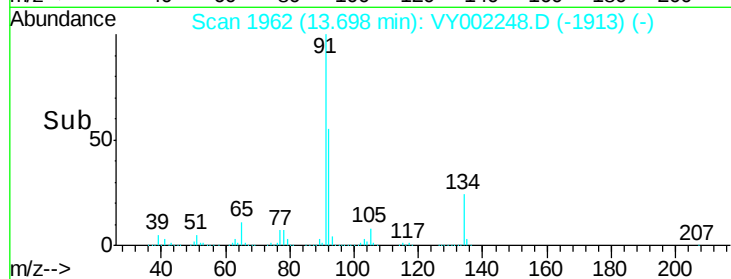
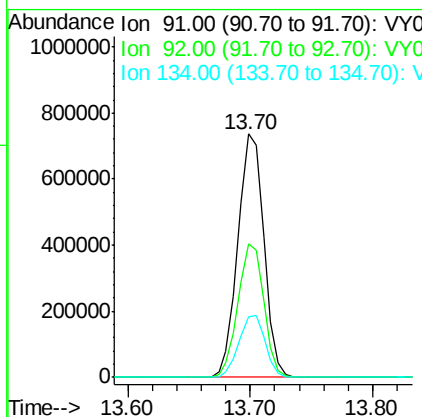
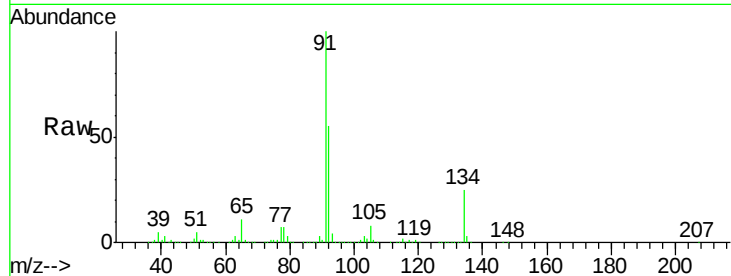
#89
n-Butylbenzene
Concen: 137.055 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	25.9	12.7	38.0

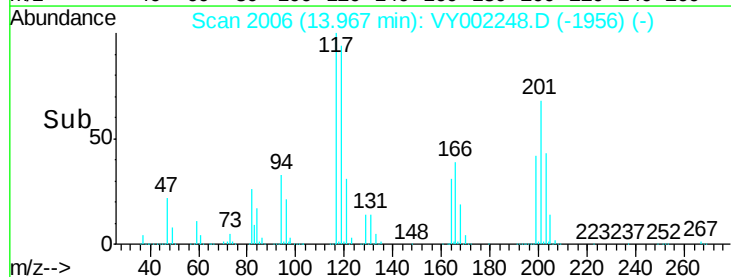
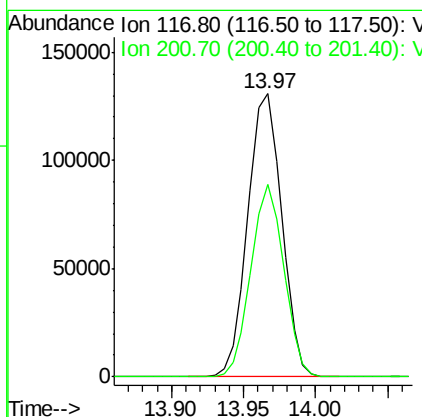
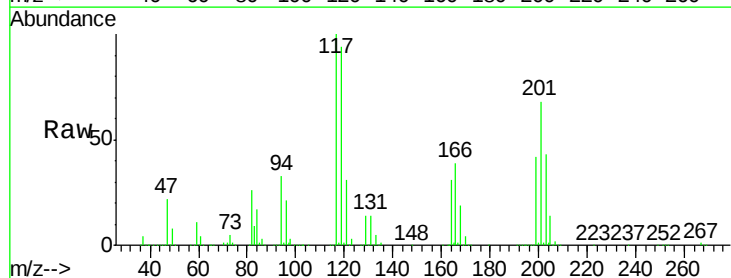
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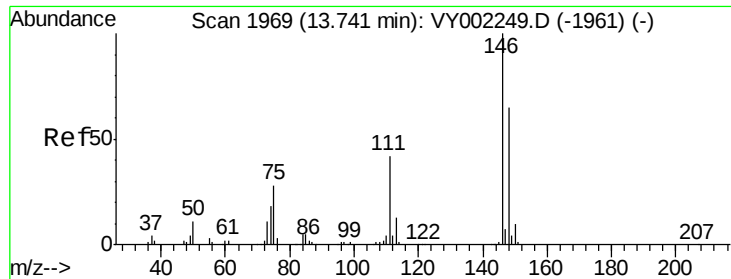
MMDadoda
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#90
Hexachloroethane
Concen: 145.404 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.9	33.1	99.2





#91

1,2-Dichlorobenzene

Concen: 141.490 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Instrument :

MSVOA_Y

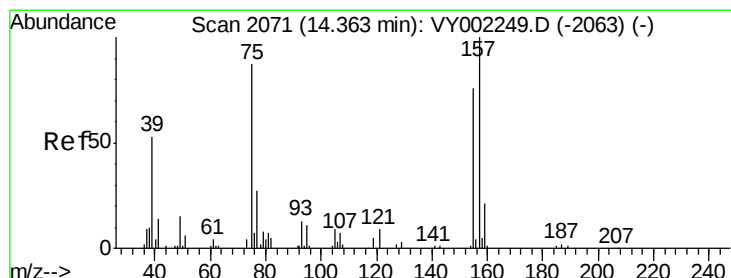
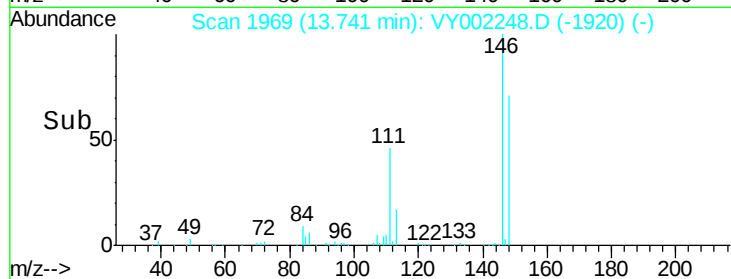
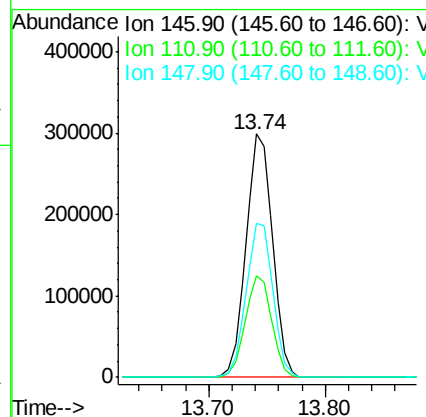
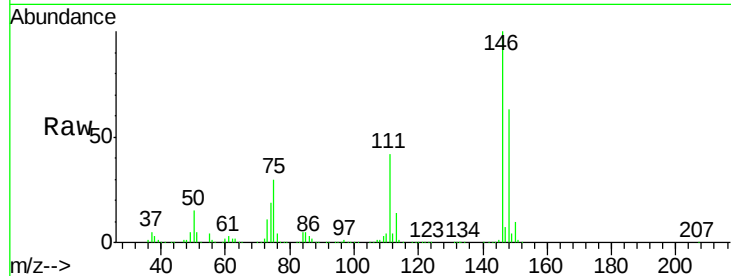
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	475858
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.1	63.1
148	63.9	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 142.584 ug/l

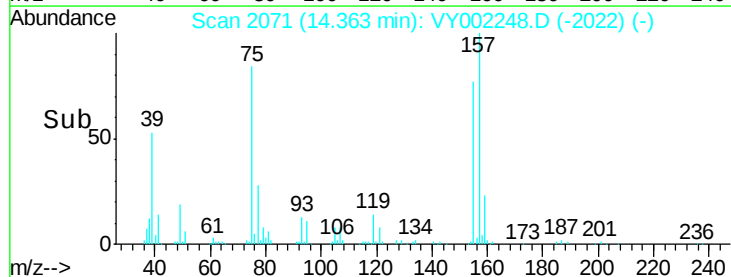
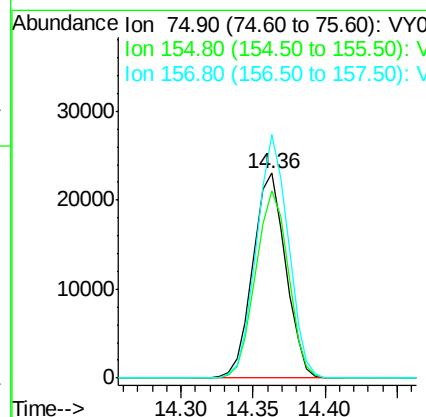
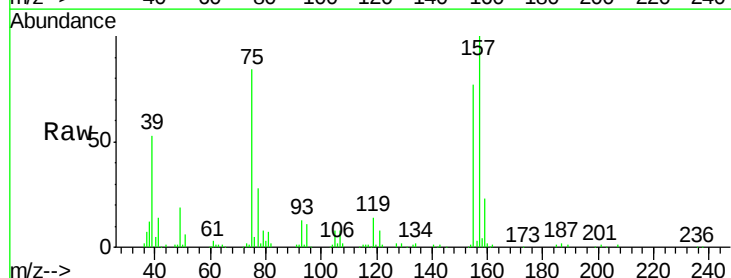
RT: 14.36 min Scan# 2071

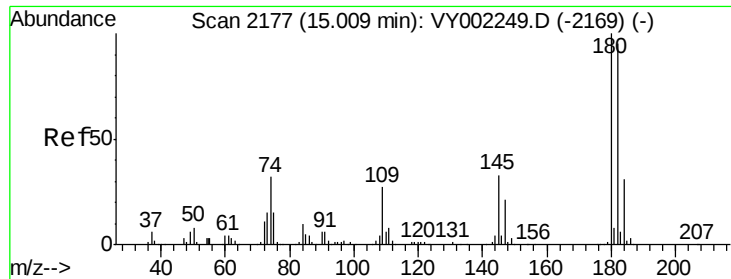
Delta R.T. 0.00 min

Lab File: VY002248.D

Acq: 08 Apr 2020 13:16

Tgt Ion:	75	Resp:	36217
Ion Ratio	Lower	Upper	
75	100		
155	91.3	43.6	130.8
157	115.1	56.0	168.2





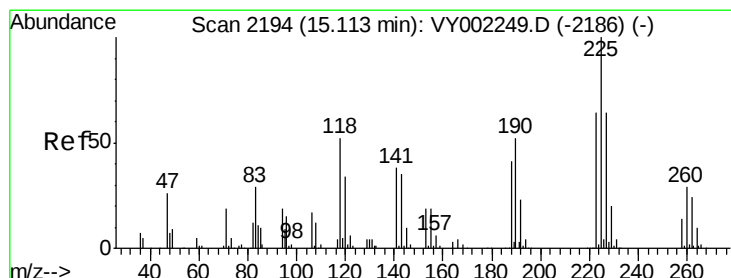
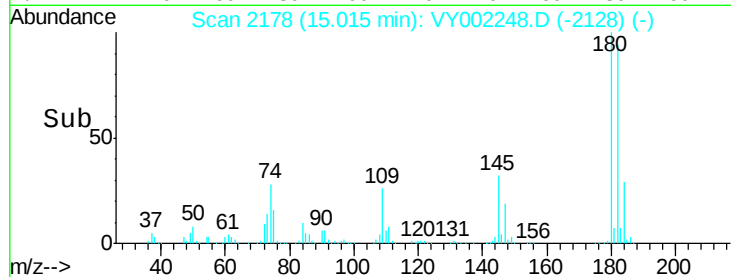
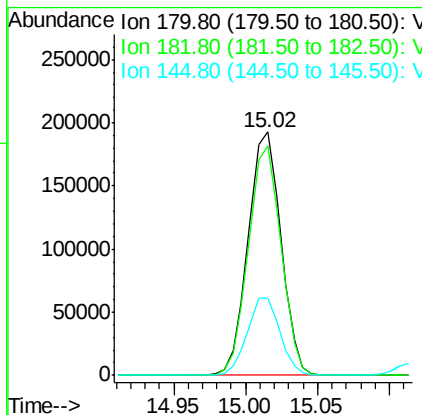
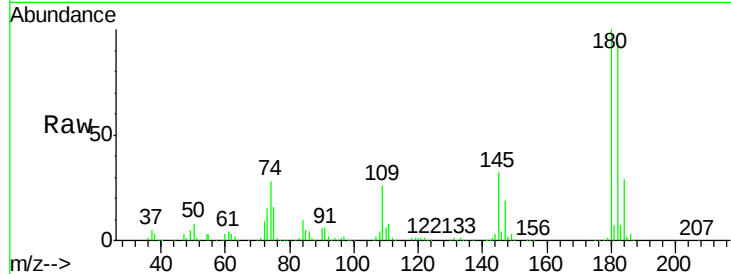
#93
 1,2,4-Trichlorobenzene
 Concen: 138.171 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.7	47.9	143.7	
145	31.7	16.0	48.0	

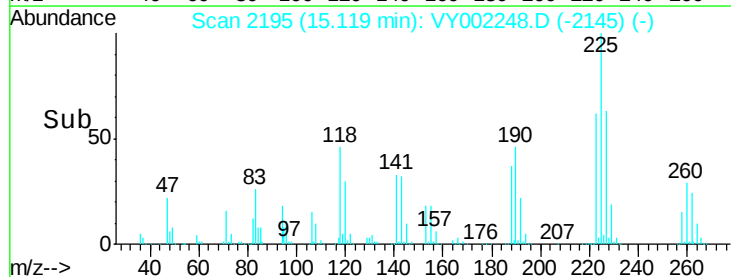
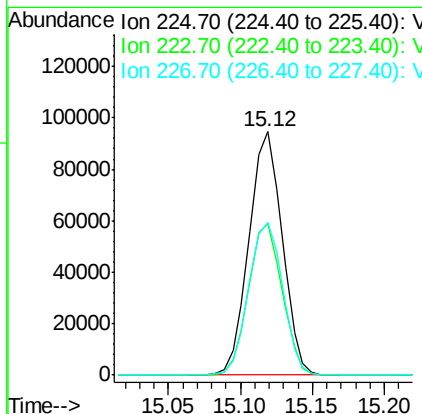
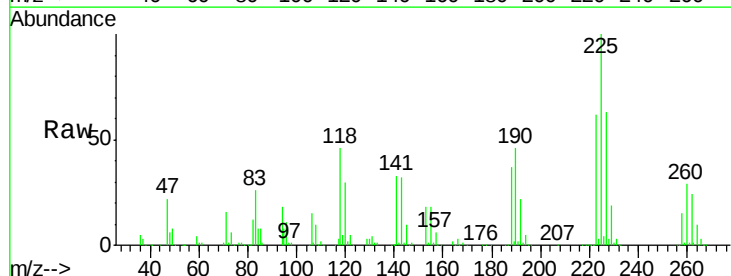
Manual Integrations
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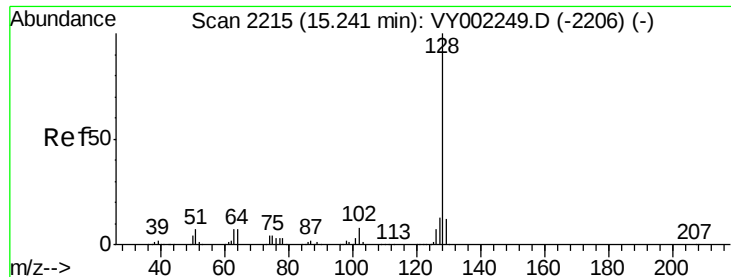
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#94
 Hexachlorobutadiene
 Concen: 136.006 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002248.D
 Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	31.0	93.0	
227	64.3	31.3	93.9	





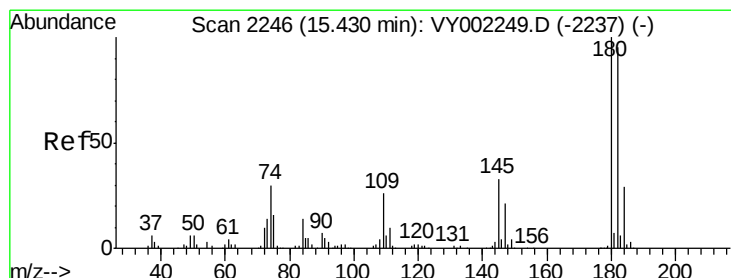
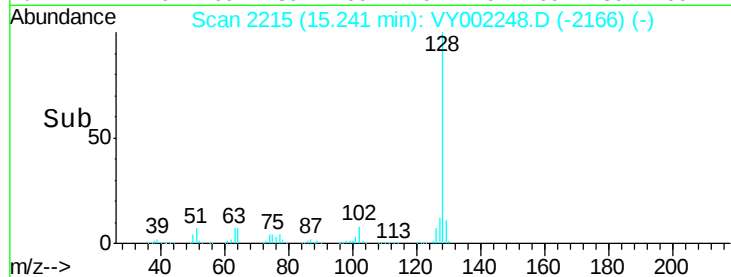
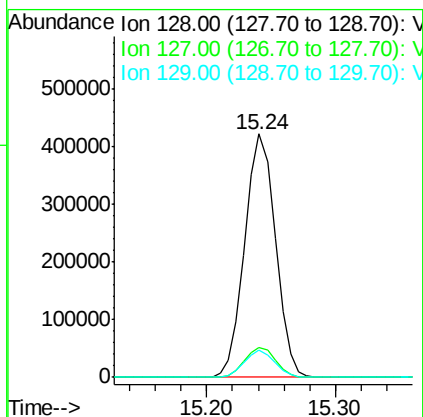
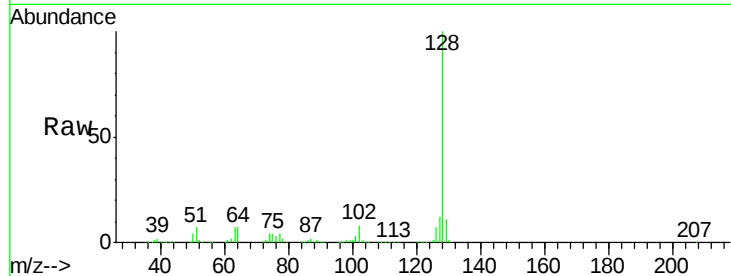
#95
Naphthalene
Concen: 144.626 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
128	100	696115		
127	12.5	10.1	15.1	
129	11.0	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 138.339 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002248.D
Acq: 08 Apr 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	264061		
182	95.0	47.1	141.3	
145	33.4	16.7	50.1	

