

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000021.D
 Acq On : 12 Sep 2019 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:54 PM

Quant Time: Sep 12 15:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	139803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	263361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	76540	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	7.71	113	72999	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	10.18	98	309653	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	107655	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	49155	47.679	ug/l	100
3) Chloromethane	2.11	50	67378	40.178	ug/l	100
4) Vinyl Chloride	2.25	62	75802	48.487	ug/l	100
5) Bromomethane	2.62	94	46312	46.606	ug/l	100
6) Chloroethane	2.78	64	50494	48.516	ug/l	100
7) Trichlorofluoromethane	3.12	101	98999	48.734	ug/l	100
8) Diethyl Ether	3.53	74	42071	50.395	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	69197	50.056	ug/l	100
10) Methyl Iodide	4.09	142	79654	52.692	ug/l	100
11) Tert butyl alcohol	4.98	59	48494	253.283	ug/l	100
12) 1,1-Dichloroethene	3.87	96	63787	49.510	ug/l	100
13) Acrolein	3.73	56	32051	223.142	ug/l	100
14) Allyl chloride	4.48	41	98241	49.111	ug/l	100
15) Acrylonitrile	5.17	53	135951	256.663	ug/l	100
16) Acetone	3.95	43	106095	254.089	ug/l	100
17) Carbon Disulfide	4.18	76	119082	45.898	ug/l	100
18) Methyl Acetate	4.48	43	56358	47.964	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	197897	50.714	ug/l	100
20) Methylene Chloride	4.71	84	76800	46.136	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	68854	48.266	ug/l	100
22) Diisopropyl ether	6.12	45	219881	49.792	ug/l	100
23) Vinyl Acetate	6.06	43	771650	252.595	ug/l	100
24) 1,1-Dichloroethane	6.01	63	128823	49.228	ug/l	100
25) 2-Butanone	6.99	43	173324	255.371	ug/l	100
26) 2,2-Dichloropropane	6.98	77	116414	47.887	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	89963	49.984	ug/l	100
28) Bromochloromethane	7.34	49	65389	54.409	ug/l	100
29) Tetrahydrofuran	7.35	42	101859	252.285	ug/l	100
30) Chloroform	7.51	83	132578	49.129	ug/l	100
31) Cyclohexane	7.78	56	98740	45.273	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	109406	49.423	ug/l	100
36) 1,1-Dichloropropene	7.92	75	95134	49.199	ug/l	100
37) Ethyl Acetate	7.07	43	65068	49.902	ug/l	100
38) Carbon Tetrachloride	7.90	117	92348	50.596	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	114285	47.838	ug/l	100
40) Benzene	8.16	78	304815	48.419	ug/l	100
41) Methacrylonitrile	7.32	41	40746	24.061	ug/l	100
42) 1,2-Dichloroethane	8.24	62	78825	48.995	ug/l	100
43) Isopropyl Acetate	8.28	43	125014	49.476	ug/l	100
44) Trichloroethene	8.94	130	77702	49.433	ug/l	100
45) 1,2-Dichloropropane	9.21	63	80869	49.818	ug/l	100
46) Dibromomethane	9.31	93	43661	48.464	ug/l	100
47) Bromodichloromethane	9.49	83	106067	49.321	ug/l	100
48) Methyl methacrylate	9.29	41	54570	48.942	ug/l	100
49) 1,4-Dioxane	9.30	88	17405	922.516	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	356611	251.871	ug/l	100
52) Toluene	10.24	92	193320	48.870	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	112459	49.736	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	127663	48.521	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	69987	49.023	ug/l	100
56) Ethyl methacrylate	10.51	69	99178	49.500	ug/l	100
57) 1,3-Dichloropropane	10.79	76	111689	48.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	303162	276.227	ug/l	100
59) 2-Hexanone	10.83	43	259284	254.125	ug/l	100
60) Dibromochloromethane	10.98	129	75414	50.133	ug/l	100
61) 1,2-Dibromoethane	11.09	107	62821	49.820	ug/l	100
64) Tetrachloroethene	10.71	164	68042	49.782	ug/l	100
65) Chlorobenzene	11.51	112	216995	51.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	74153	50.390	ug/l	100
67) Ethyl Benzene	11.59	91	383637	49.722	ug/l	100
68) m/p-Xylenes	11.70	106	291833	100.233	ug/l	100
69) o-Xylene	12.02	106	140143	49.111	ug/l	100
70) Styrene	12.04	104	250466	50.457	ug/l	100
71) Bromoform	12.20	173	44809	50.430	ug/l	# 100
73) Isopropylbenzene	12.32	105	375981	48.648	ug/l	100
74) N-amyl acetate	12.14	43	116206	50.936	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	92214	49.903	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	77584m	34.581	ug/l	
77) Bromobenzene	12.60	156	82655	50.557	ug/l	100
78) n-propylbenzene	12.66	91	461160	48.825	ug/l	100
79) 2-Chlorotoluene	12.75	91	256608	48.586	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	320227	49.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	35500	50.120	ug/l	100
82) 4-Chlorotoluene	12.85	91	272184	49.104	ug/l	100
83) tert-Butylbenzene	13.07	119	272949	49.226	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	316747	49.689	ug/l	100
85) sec-Butylbenzene	13.25	105	402846	49.230	ug/l	100
86) p-Isopropyltoluene	13.37	119	342405	49.326	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	161578	49.106	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	166573	50.306	ug/l	100
89) n-Butylbenzene	13.69	91	350973	49.894	ug/l	100
90) Hexachloroethane	13.95	117	69918	50.402	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	151383	49.437	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	17065	47.494	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94890	48.563	ug/l	100
94) Hexachlorobutadiene	15.10	225	44895	50.095	ug/l	100
95) Naphthalene	15.23	128	268315	50.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	88849	50.654	ug/l	100

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

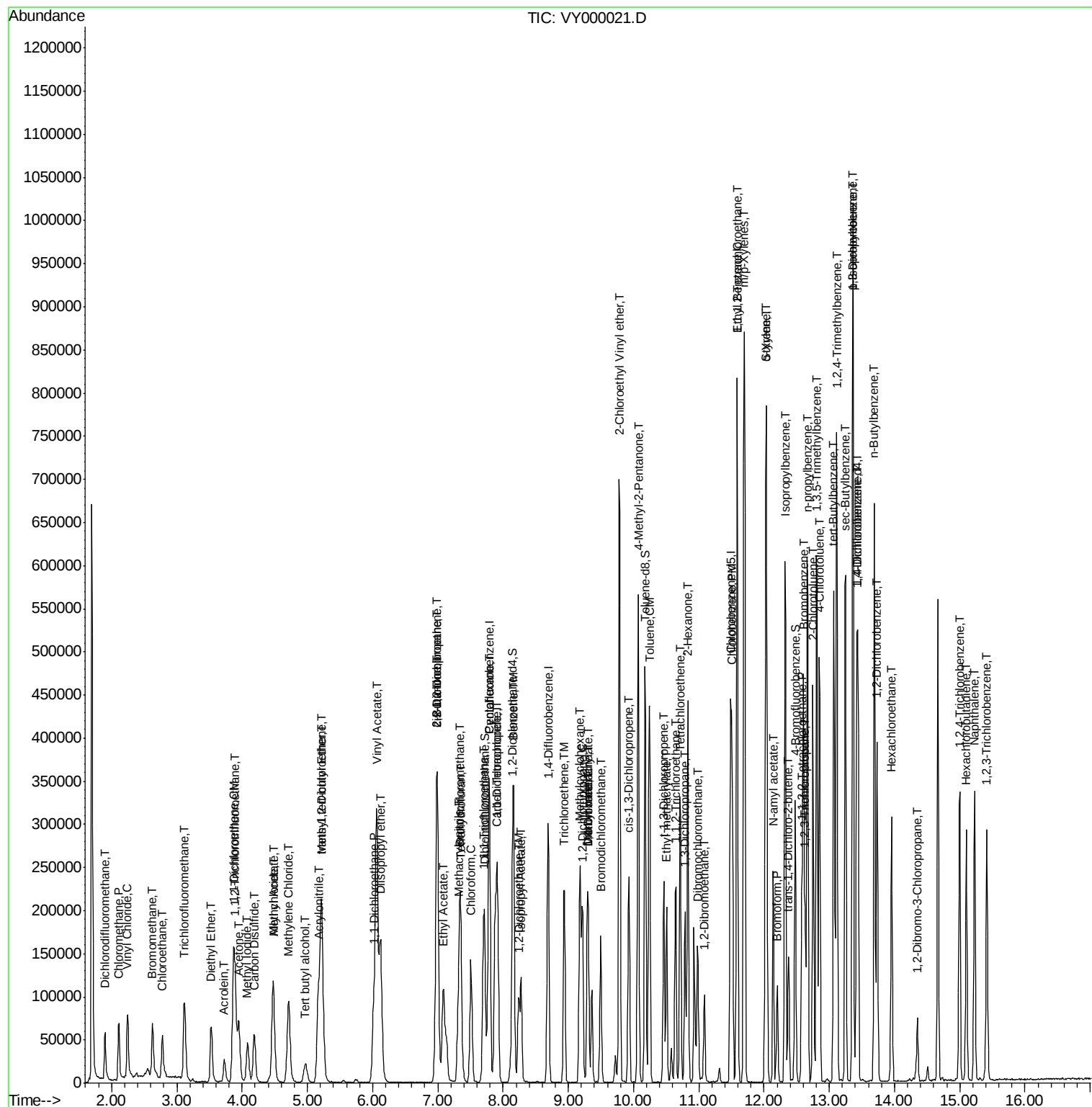
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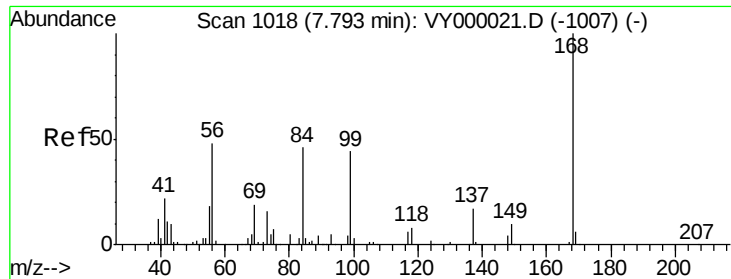
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 139803

Ion Ratio Lower Upper

168 100

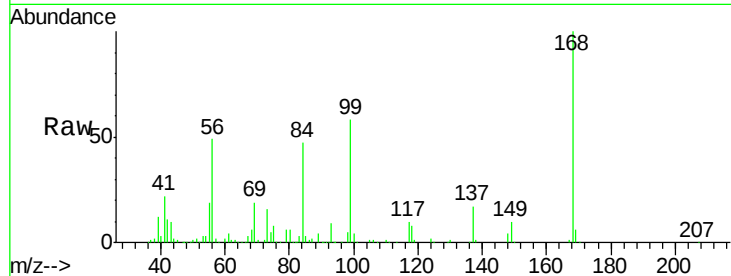
99 57.9 46.3 69.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

60000

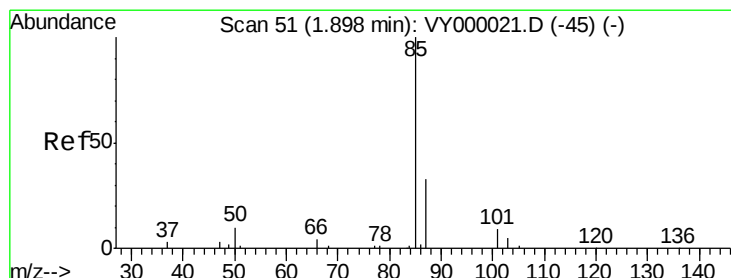
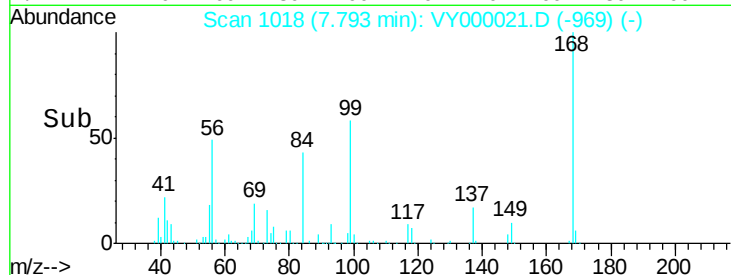
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.679 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000021.D

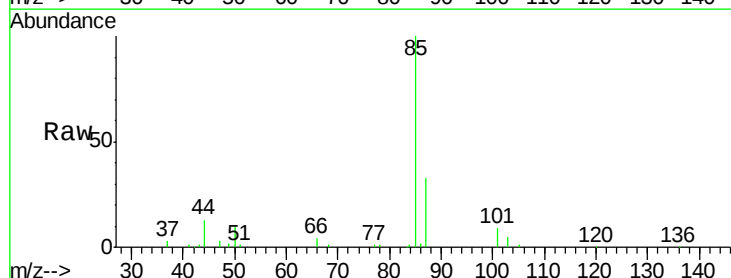
Acq: 12 Sep 2019 12:17

Tgt Ion: 85 Resp: 49155

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

30000

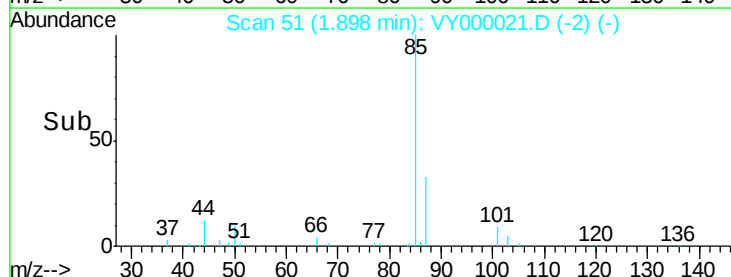
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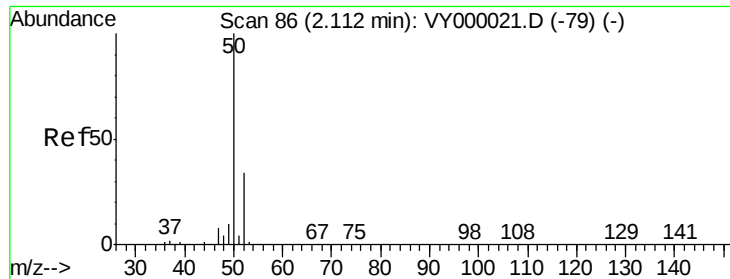
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 40.178 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 67378

Ion Ratio Lower Upper

50 100

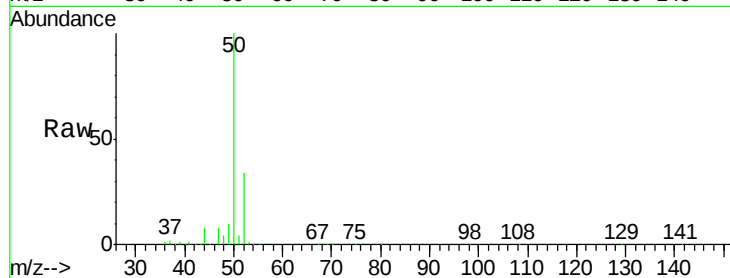
52 33.8 27.0 40.6

Manual Integrations

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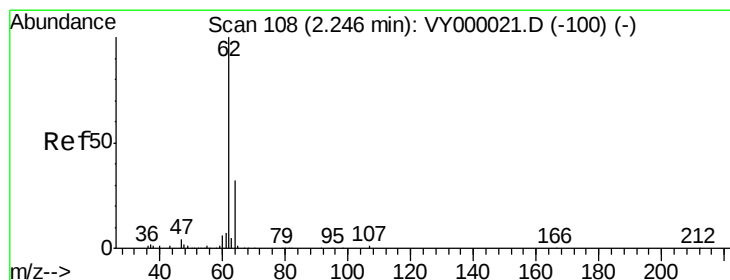
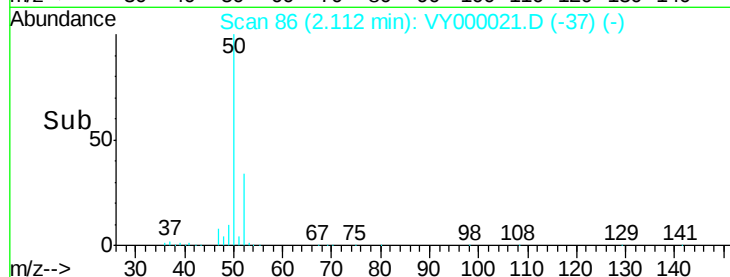
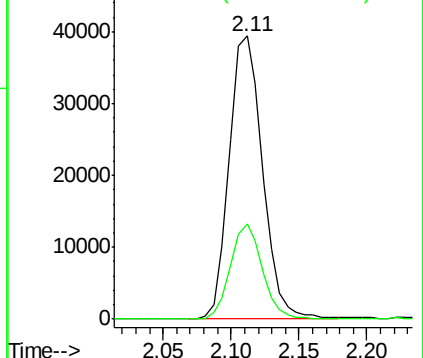
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.487 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000021.D

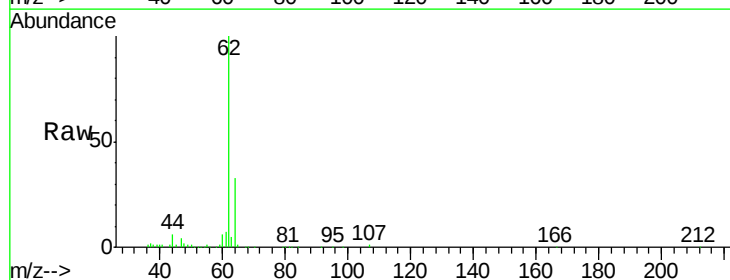
Acq: 12 Sep 2019 12:17

Tgt Ion: 62 Resp: 75802

Ion Ratio Lower Upper

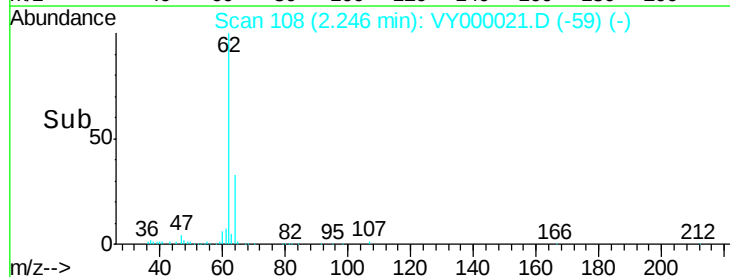
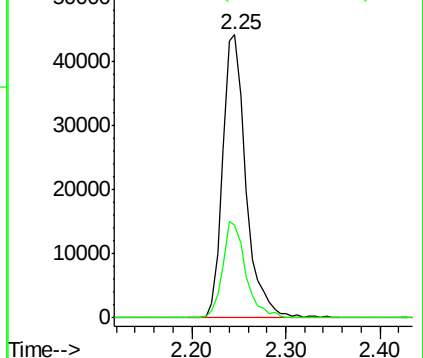
62 100

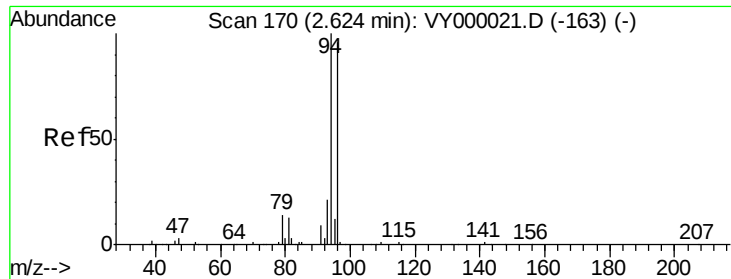
64 32.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.606 ug/l

RT: 2.62 min Scan# 170

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

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ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 46312

Ion Ratio Lower Upper

94 100

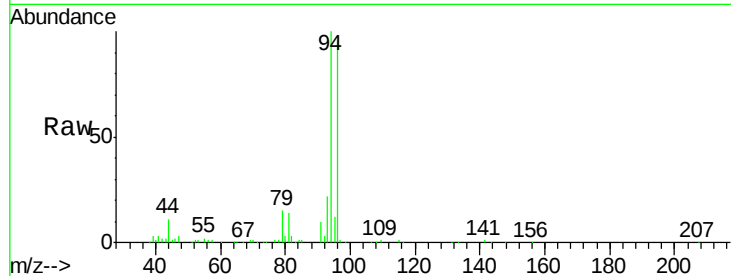
96 96.0 76.8 115.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

10000

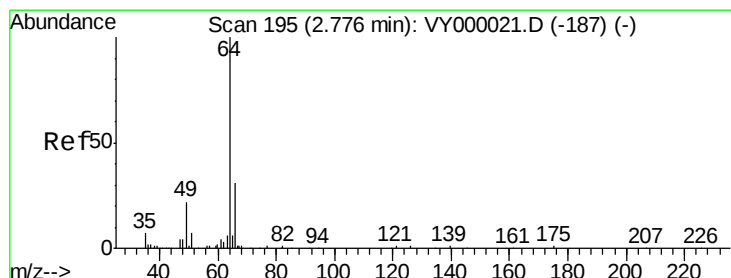
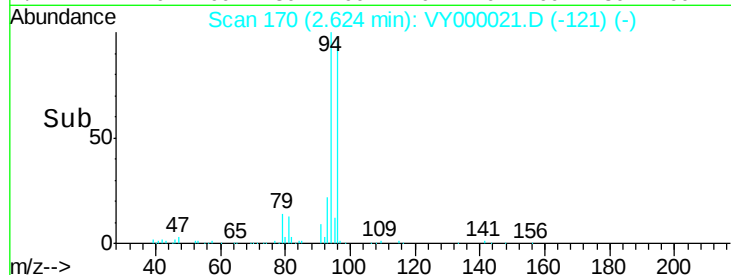
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Time-->

2.60

2.70



#6

Chloroethane

Concen: 48.516 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VY000021.D

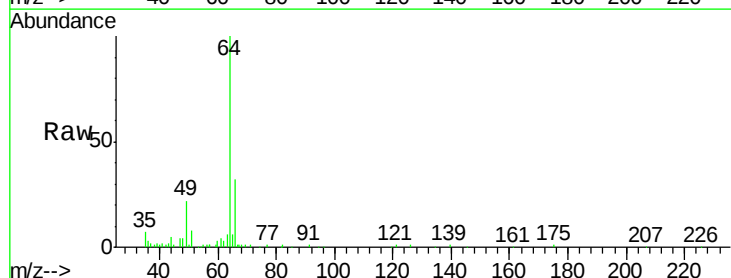
Acq: 12 Sep 2019 12:17

Tgt Ion: 64 Resp: 50494

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

10000

5000

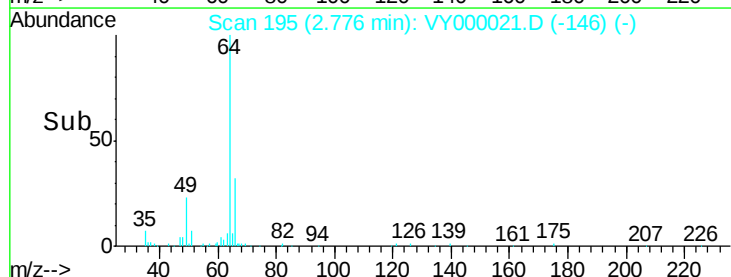
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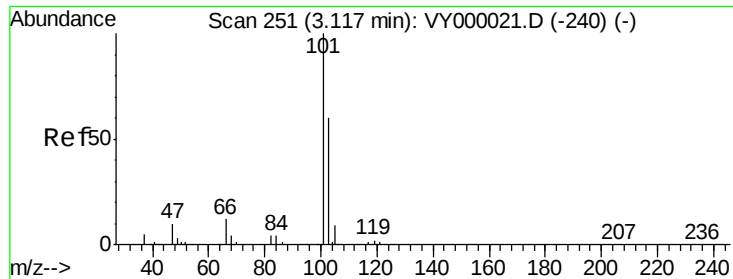
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2.70

2.80

2.90





#7

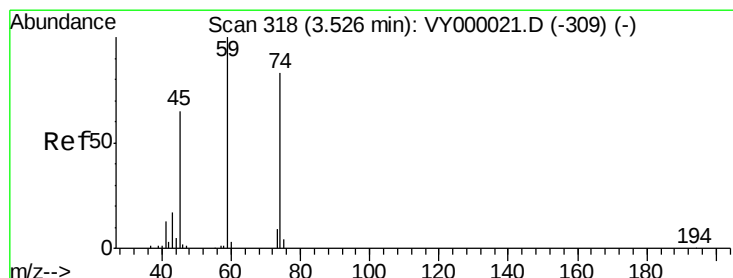
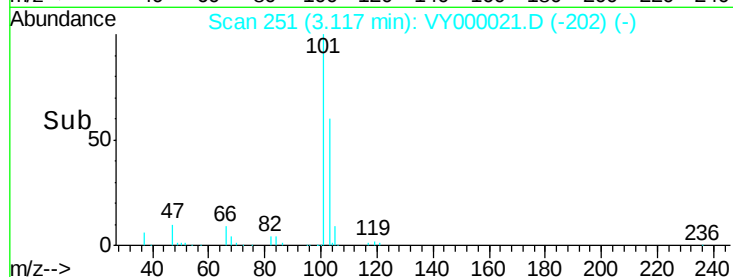
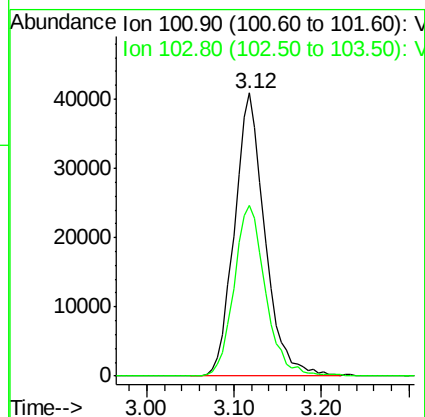
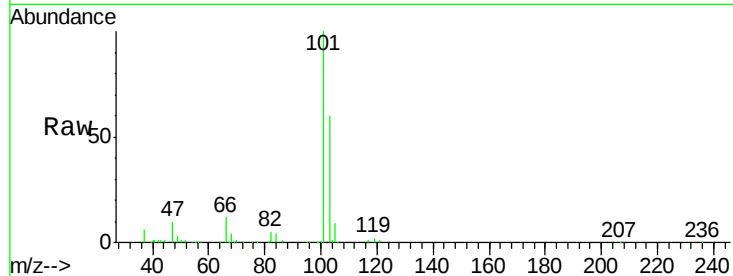
Trichlorofluoromethane
Concen: 48.734 ug/l
RT: 3.12 min Scan# 251
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.1	48.1	72.1

Manual Integrations
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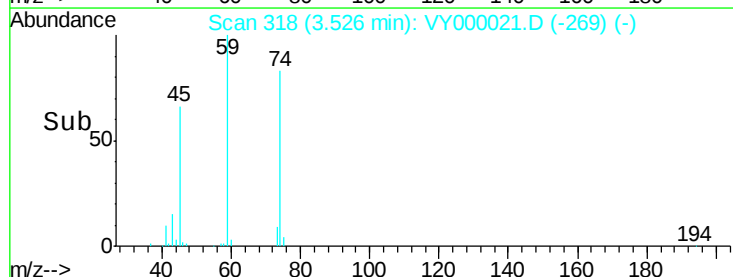
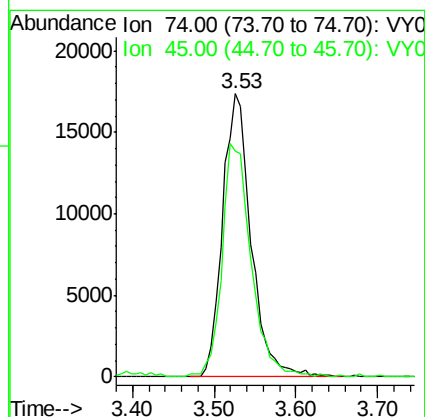
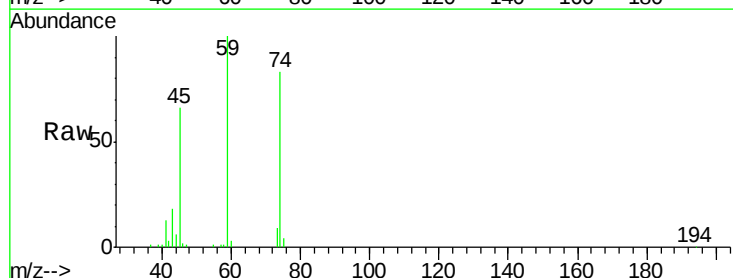
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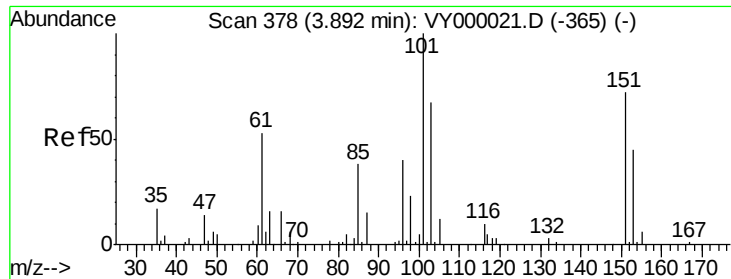


#8

Diethyl Ether
Concen: 50.395 ug/l
RT: 3.53 min Scan# 318
Delta R.T. 0.00 min
Lab File: VY000021.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.7	41.9	125.6





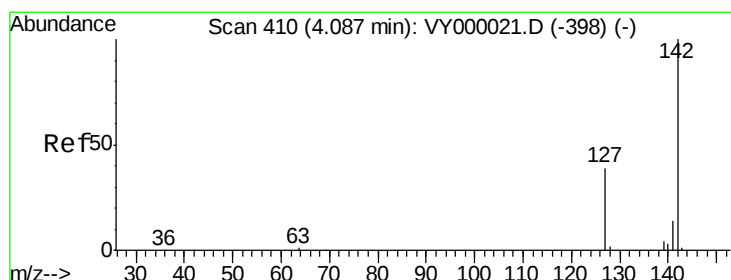
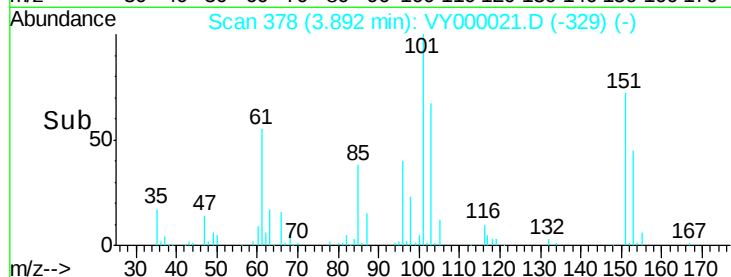
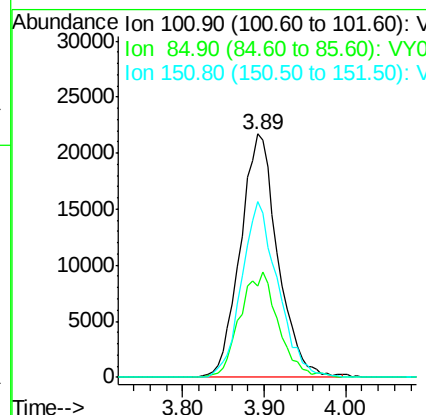
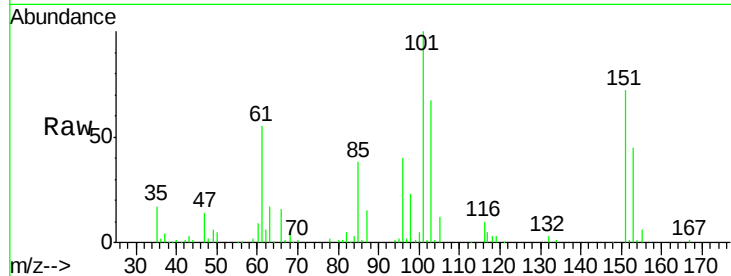
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.056 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.3	52.9
151	69.9	55.9	83.9

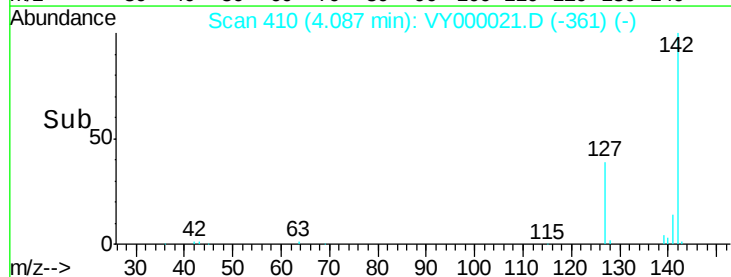
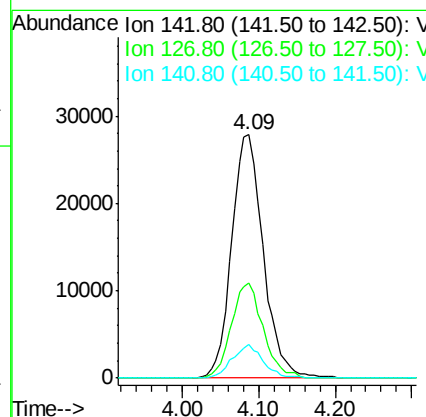
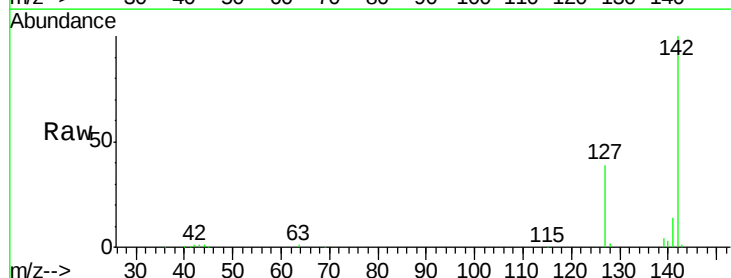
Manual Integrations
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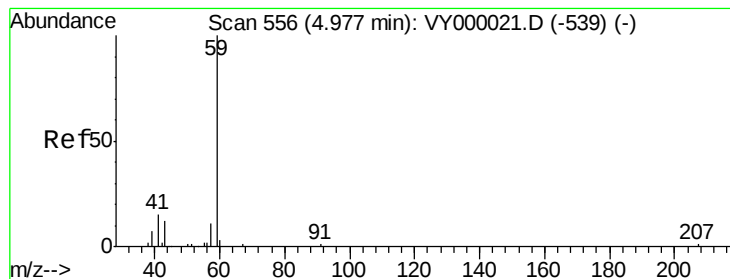
MMDadoda
9/13/2019 11:53:54 PM



#10
Methyl Iodide
Concen: 52.692 ug/l
RT: 4.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.3	31.4	47.2
141	13.3	10.6	16.0





#11

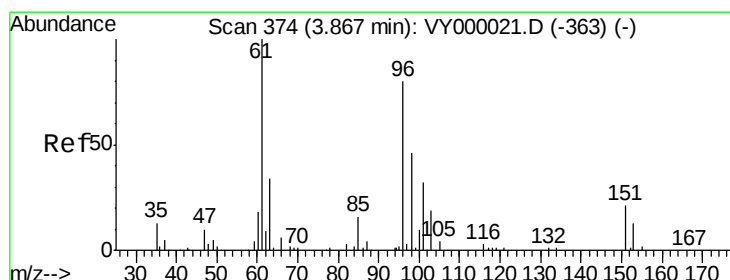
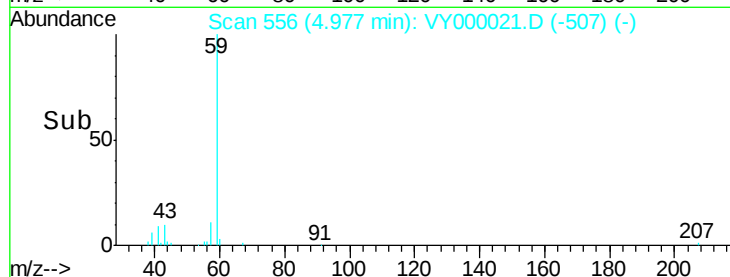
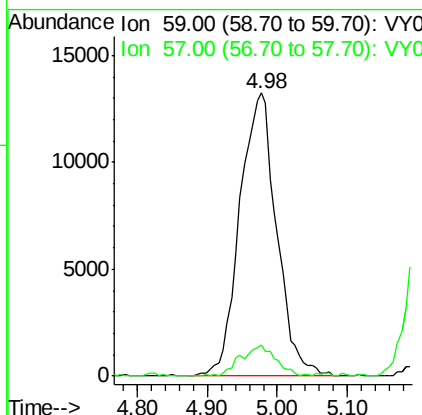
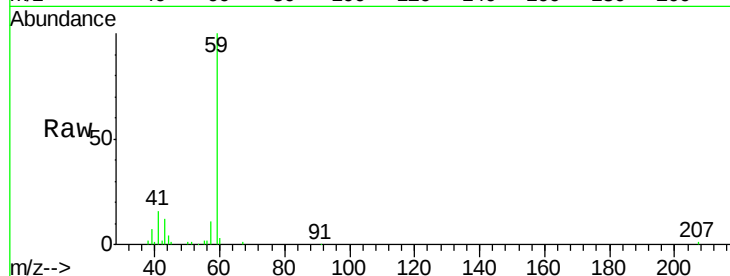
Tert butyl alcohol
Concen: 253.283 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	48494
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

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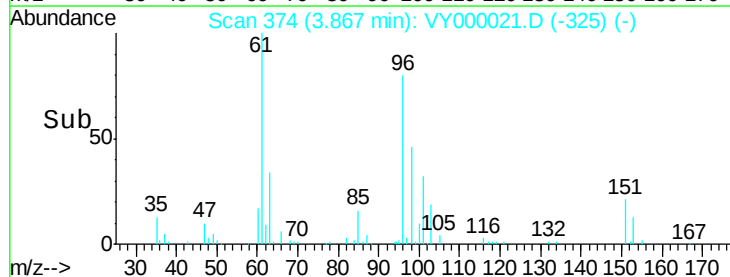
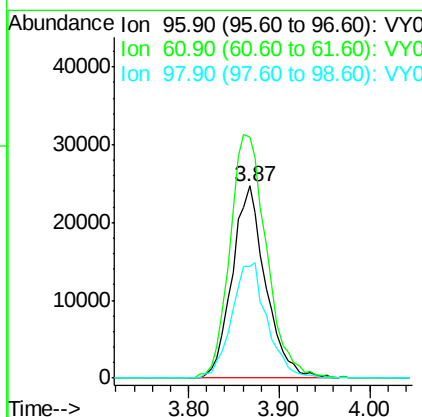
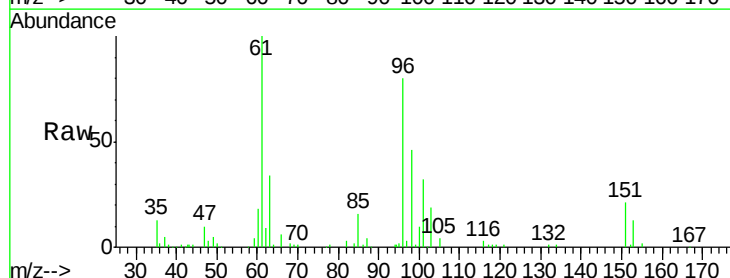
MMDadoda
9/13/2019 11:53:54 PM

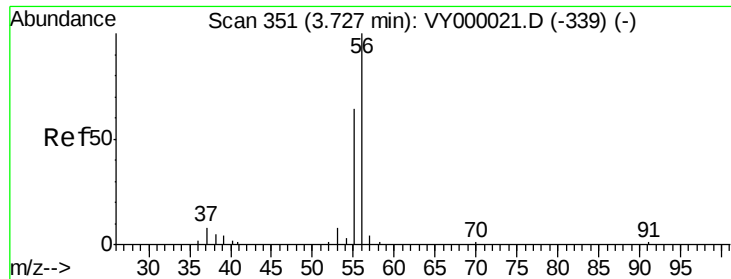


#12

1,1-Dichloroethene
Concen: 49.510 ug/l
RT: 3.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	96	Resp	63787
Ion Ratio	100	Lower	Upper
61	124.7	99.8	149.6
98	57.9	46.3	69.5





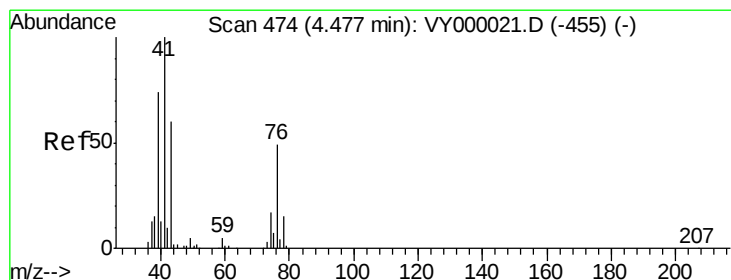
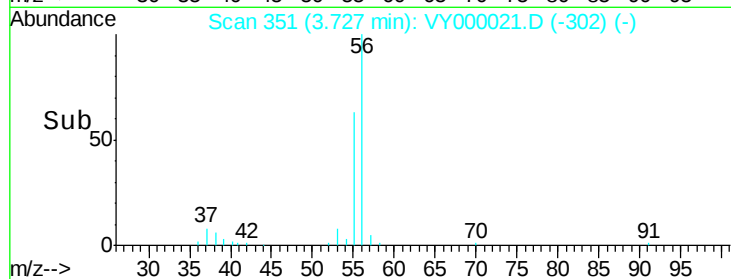
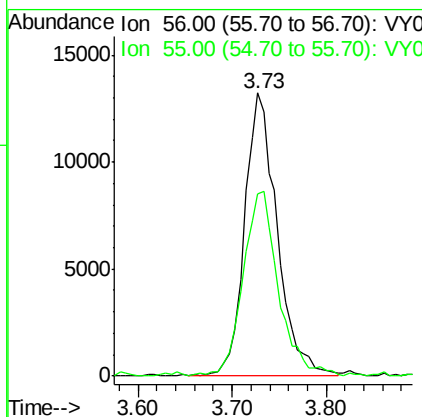
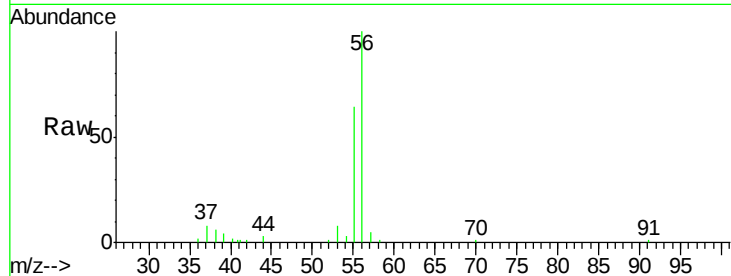
#13
Acrolein
Concen: 223.142 ug/l
RT: 3.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	32051
Ion Ratio	100	Lower	Upper
55	70.9	56.7	85.1

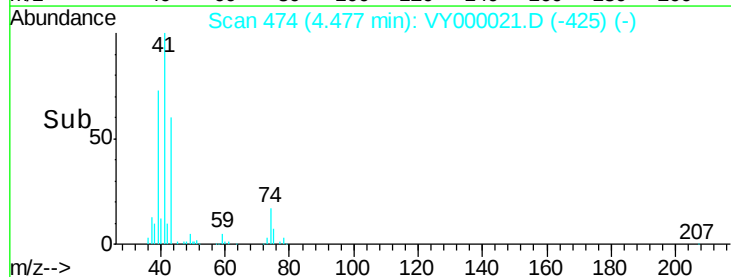
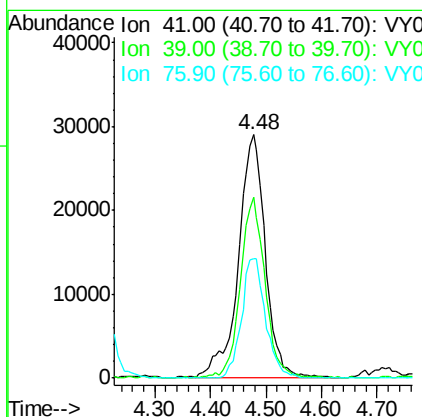
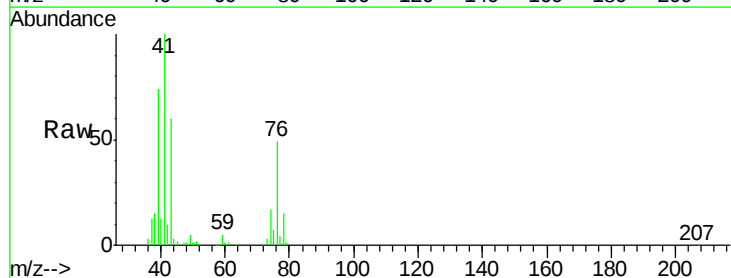
Manual Integrations
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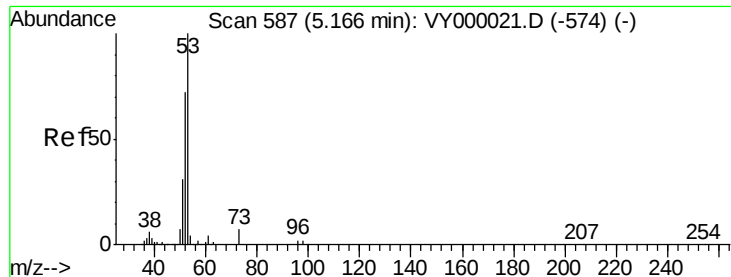
MMDadoda
9/13/2019 11:53:54 PM



#14
Allyl chloride
Concen: 49.111 ug/l
RT: 4.48 min Scan# 474
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	41	Resp	98241
Ion Ratio	100	Lower	Upper
39	66.4	53.1	79.7
76	43.6	34.9	52.3





#15

Acrylonitrile

Concen: 256.663 ug/l

RT: 5.17 min Scan# 587

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

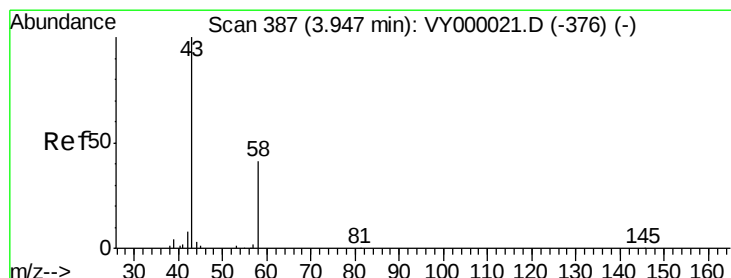
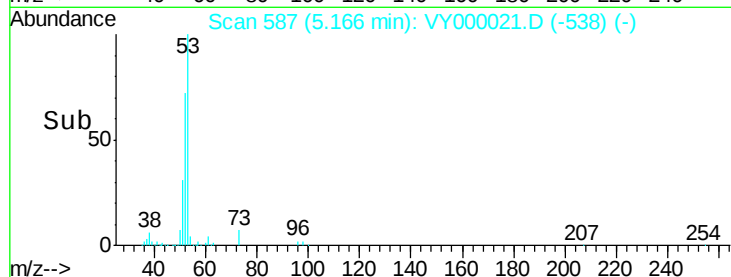
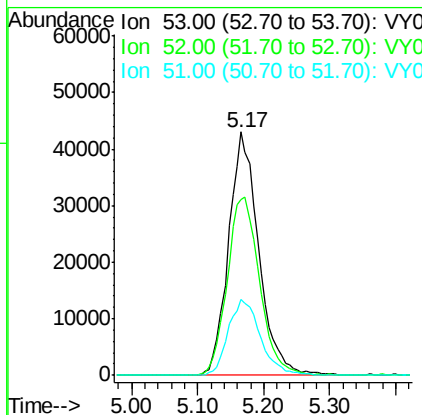
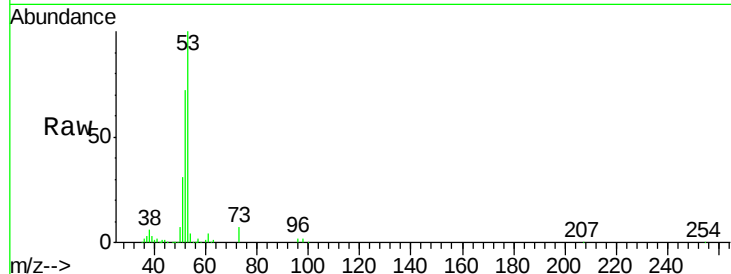
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	135951
Ion Ratio	Lower	Upper	
53	100		
52	78.5	62.8	94.2
51	33.3	26.6	40.0

Manual Integrations
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#16

Acetone

Concen: 254.089 ug/l

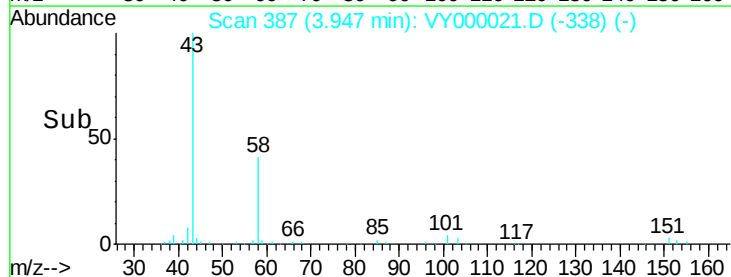
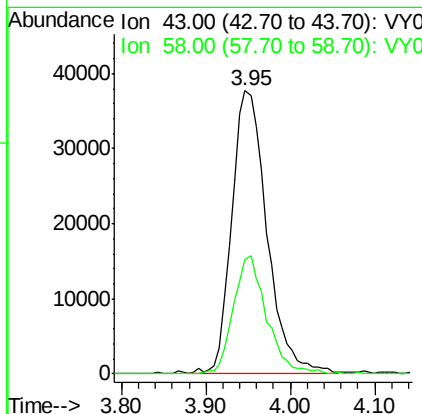
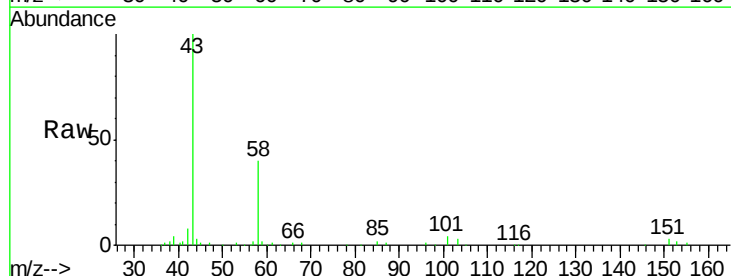
RT: 3.95 min Scan# 387

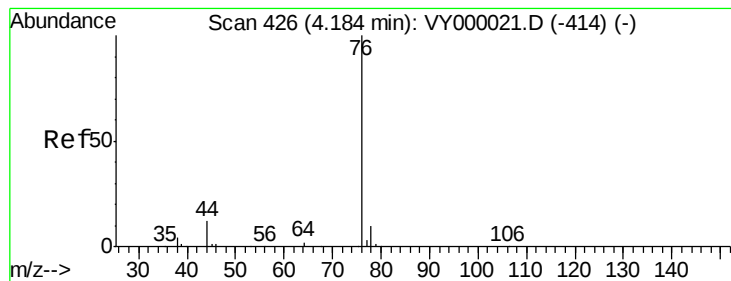
Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion:	43	Resp:	106095
Ion Ratio	Lower	Upper	
43	100		
58	40.6	32.5	48.7





#17

Carbon Disulfide

Concen: 45.898 ug/l

RT: 4.18 min Scan# 426

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 119082

Ion Ratio Lower Upper

76 100

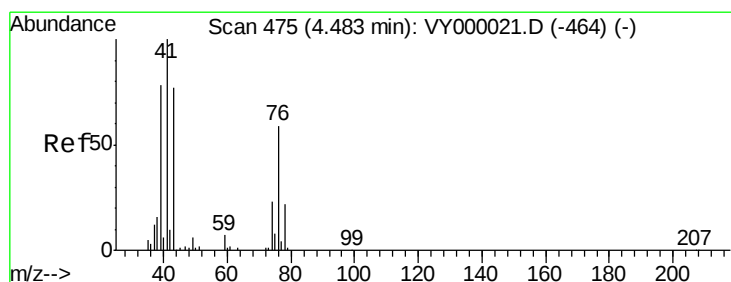
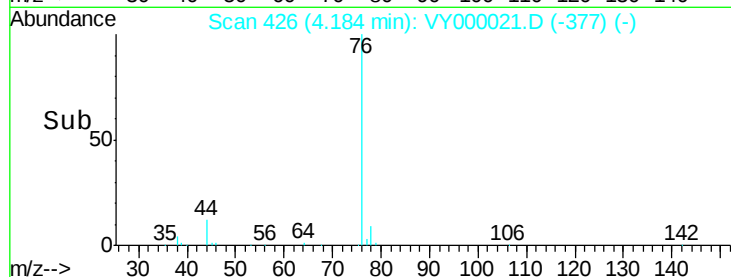
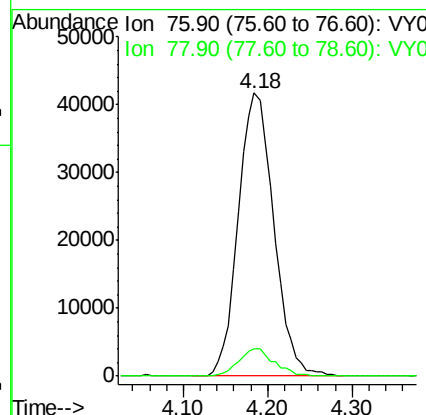
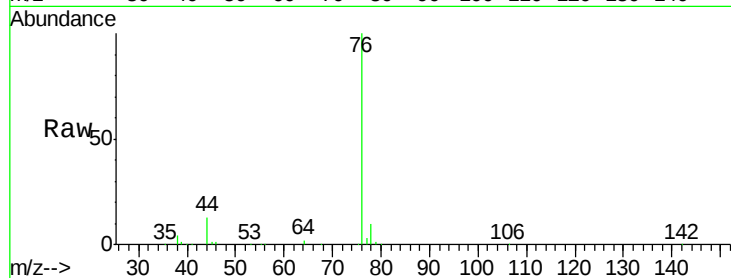
78 9.5 7.6 11.4

Manual Integrations

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#18

Methyl Acetate

Concen: 47.964 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.00 min

Lab File: VY000021.D

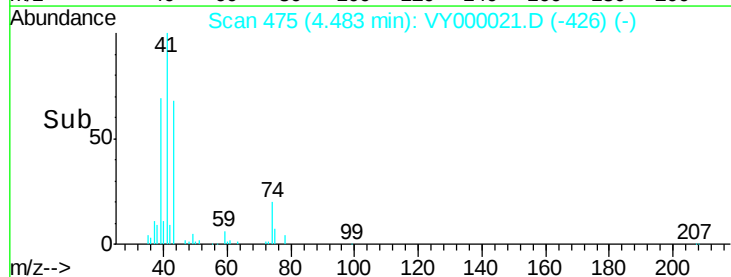
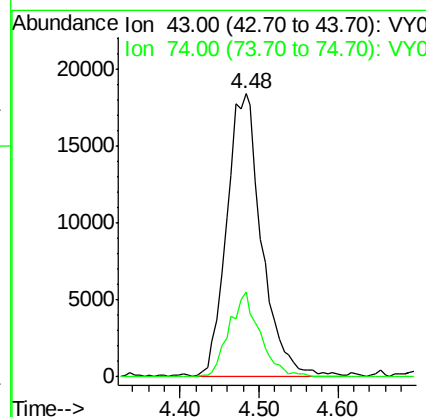
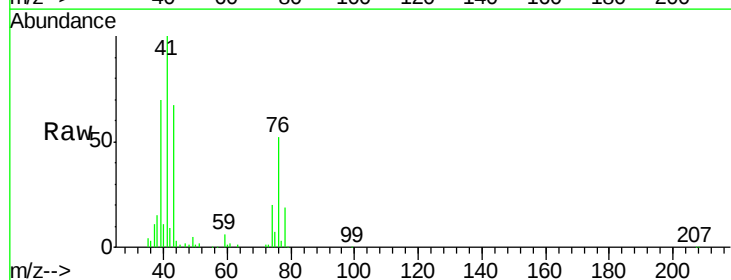
Acq: 12 Sep 2019 12:17

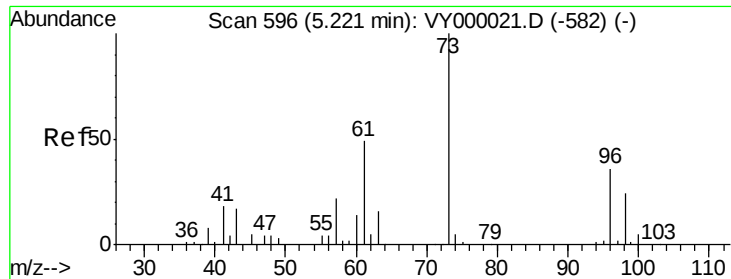
Tgt Ion: 43 Resp: 56358

Ion Ratio Lower Upper

43 100

74 26.7 21.4 32.0





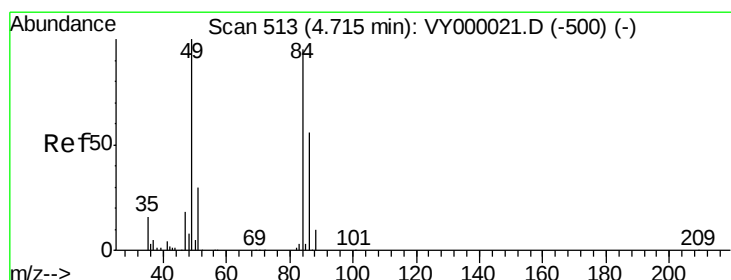
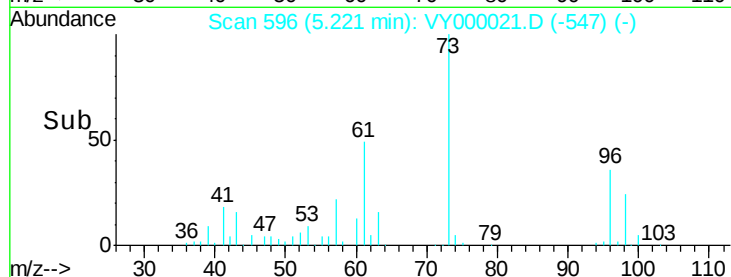
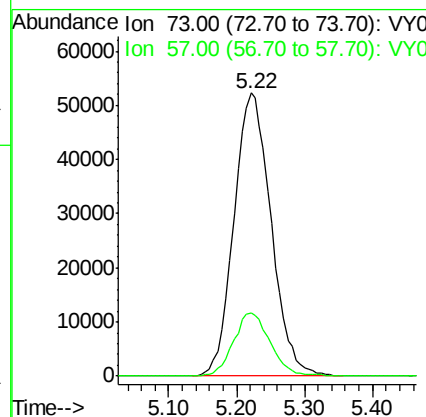
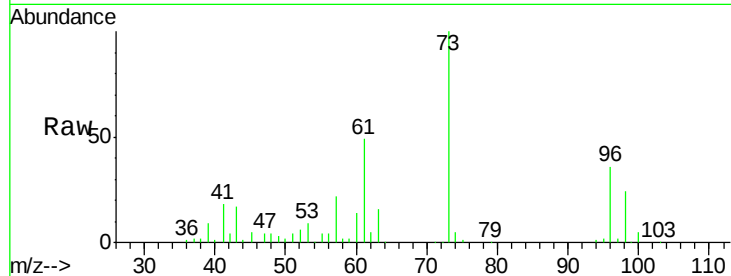
#19
Methyl tert-butyl Ether
Concen: 50.714 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 197897
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8

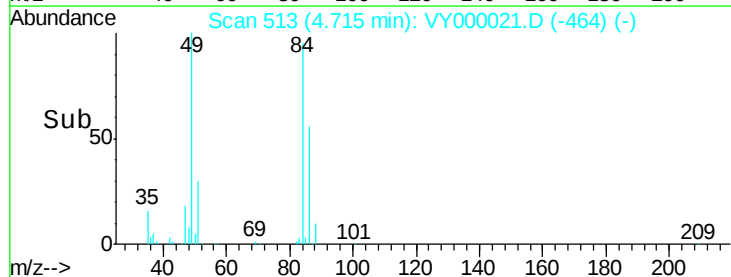
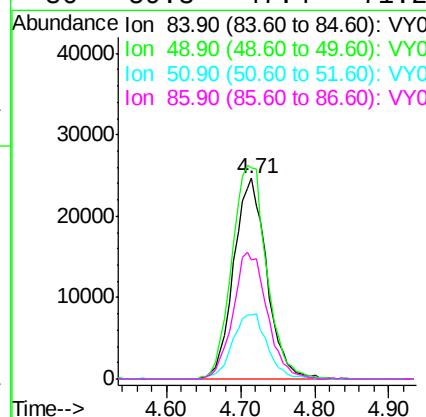
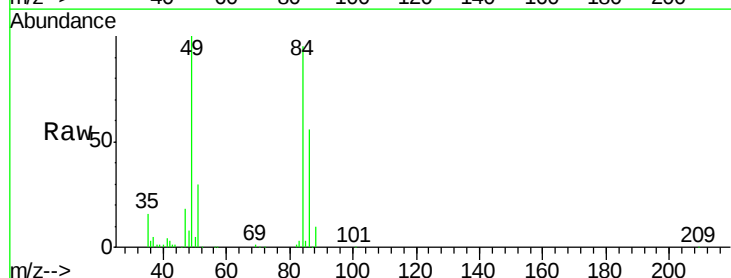
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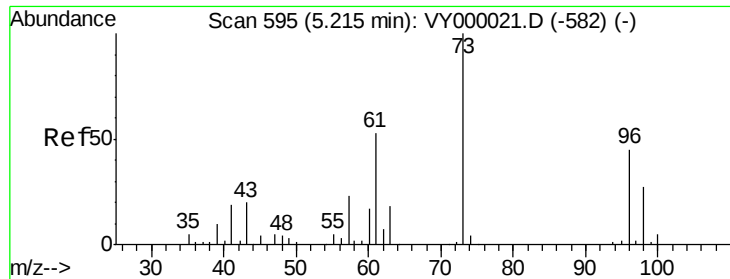
MMDadoda
9/13/2019 11:53:54 PM



#20
Methylene Chloride
Concen: 46.136 ug/l
RT: 4.71 min Scan# 513
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 84 Resp: 76800
Ion Ratio Lower Upper
84 100
49 105.5 84.4 126.6
51 31.7 25.4 38.0
86 59.3 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 48.266 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

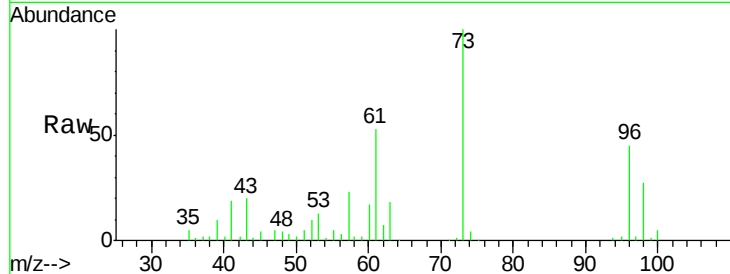
ClientSampleId :

VSTDICCC050

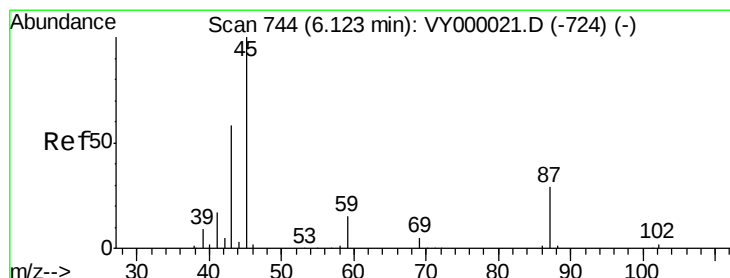
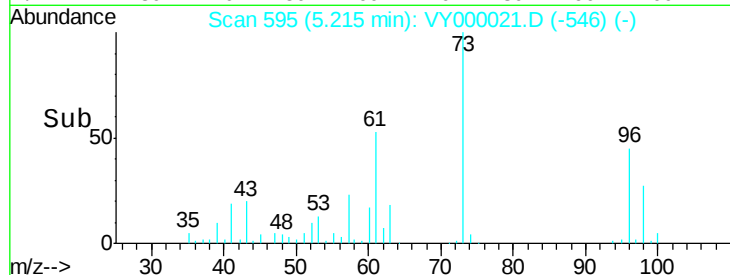
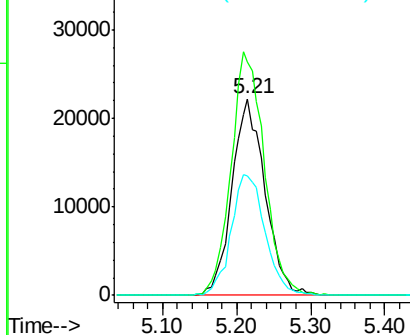
Tot Ion:	96	Resp:	68854
Ion	Ratio	Lower	Upper
96	100		
61	119.1	95.3	142.9
98	60.9	48.7	73.1

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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 49.792 ug/l

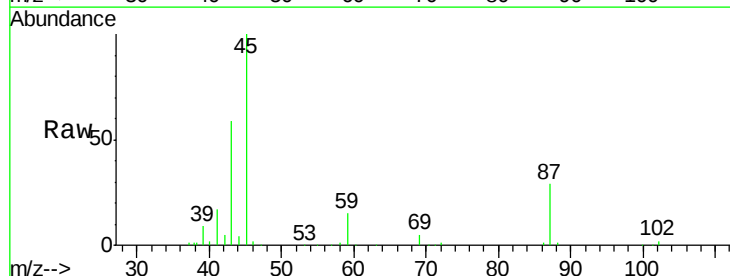
RT: 6.12 min Scan# 744

Delta R.T. 0.00 min

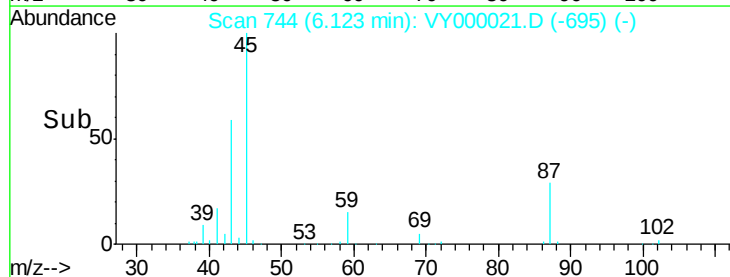
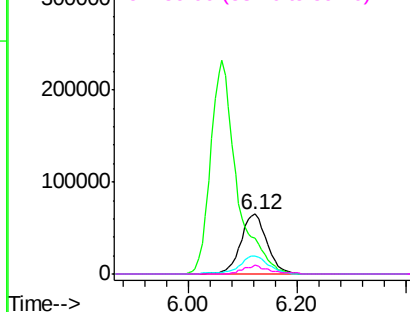
Lab File: VY000021.D

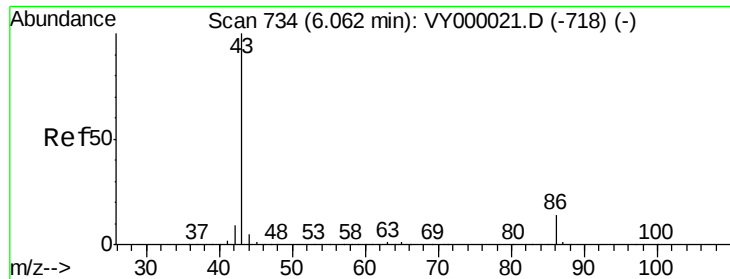
Acq: 12 Sep 2019 12:17

Tgt Ion:	45	Resp:	219881
Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.0	70.4
87	28.9	23.1	34.7
59	14.7	11.8	17.6



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 252.595 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 771650

Ion Ratio Lower Upper

43 100

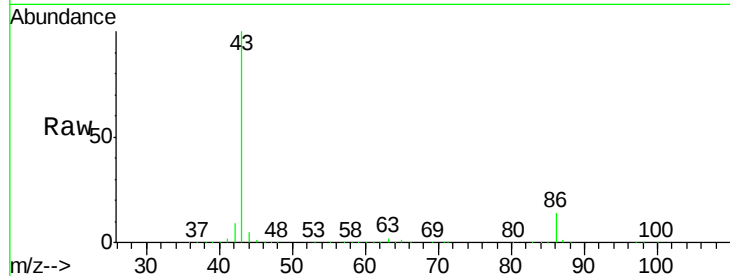
86 13.7 11.0 16.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.06

250000

200000

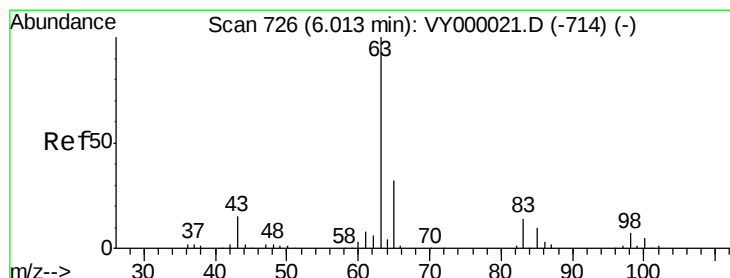
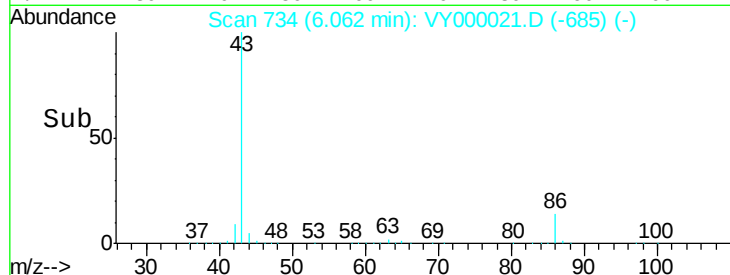
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.228 ug/l

RT: 6.01 min Scan# 726

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

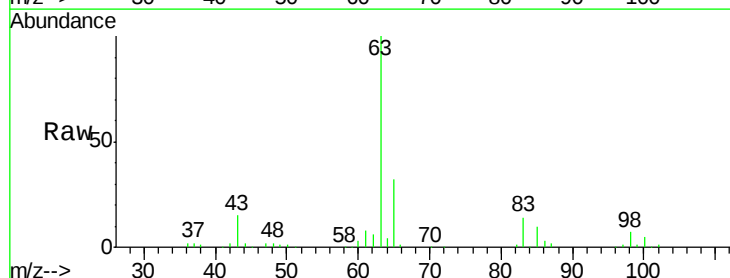
Tgt Ion: 63 Resp: 128823

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.3 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.01

50000

40000

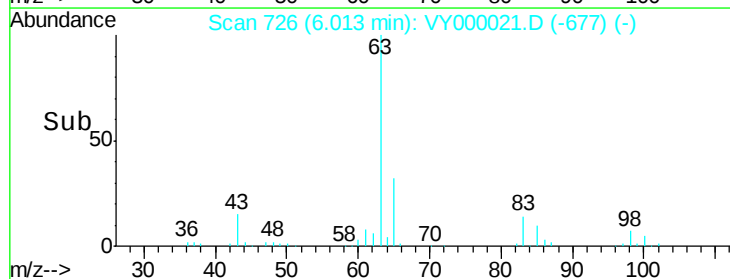
30000

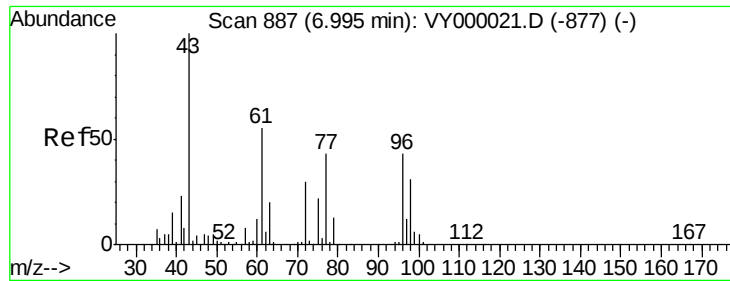
20000

10000

0

Time-->





#25

2-Butanone

Concen: 255.371 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 173324

Ion Ratio Lower Upper

43 100

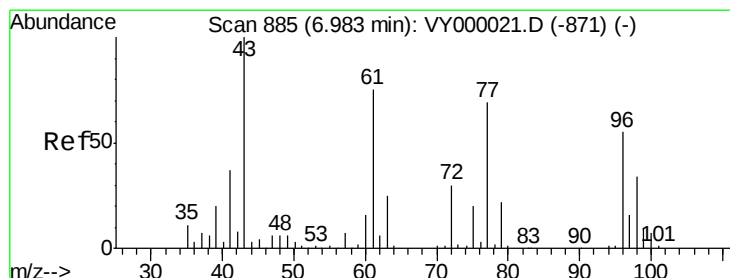
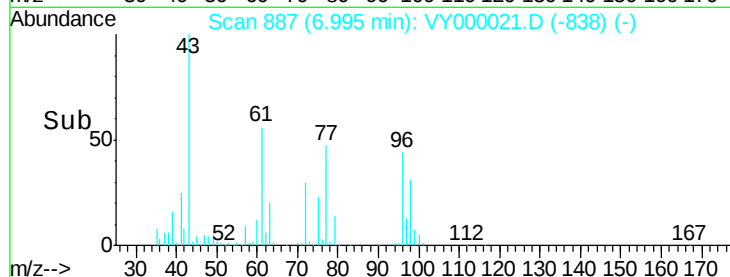
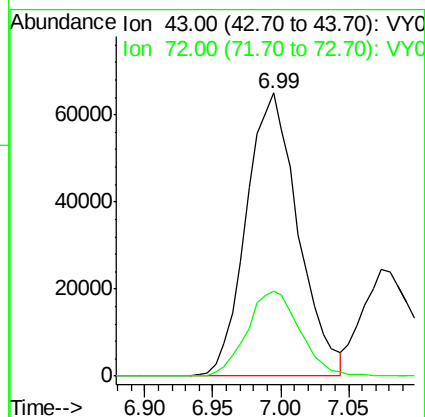
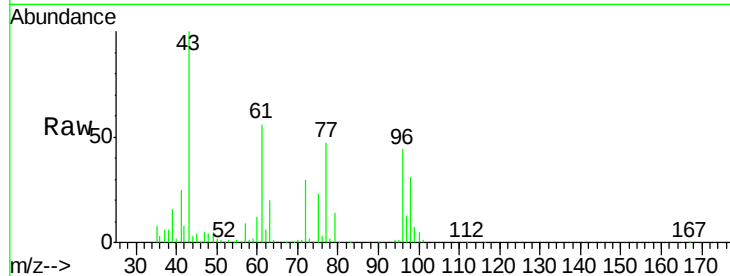
72 30.1 24.1 36.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.887 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000021.D

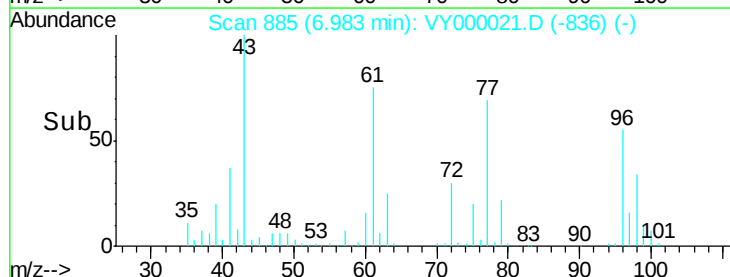
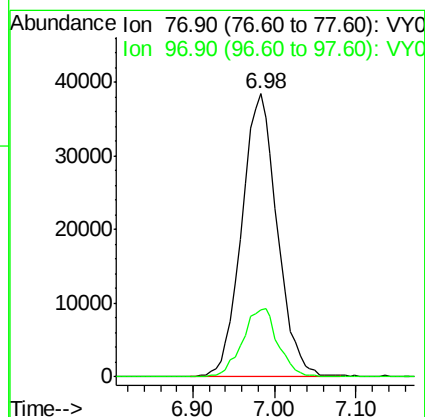
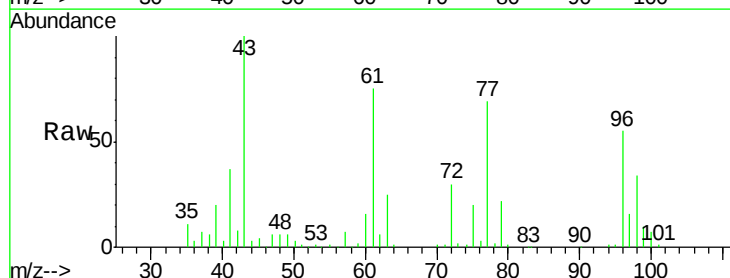
Acq: 12 Sep 2019 12:17

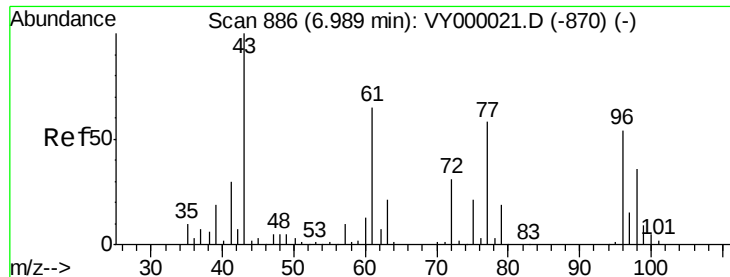
Tgt Ion: 77 Resp: 116414

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

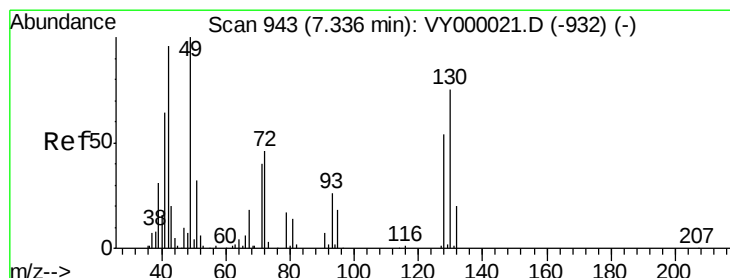
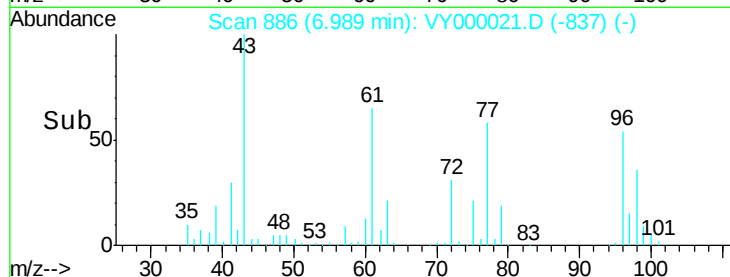
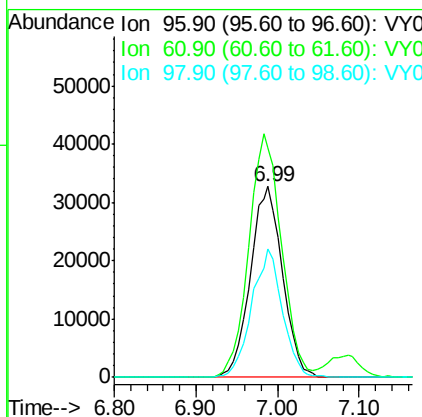
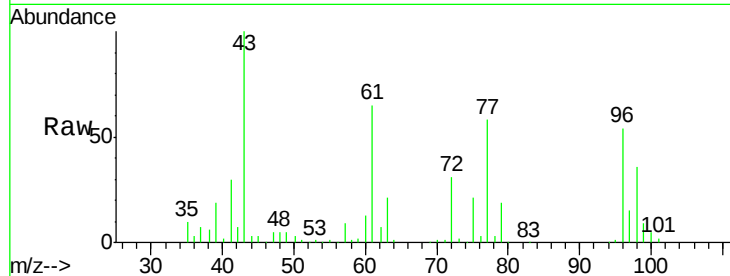
cis-1,2-Dichloroethene
Concen: 49.984 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	259.2
98	63.7	0.0	127.4

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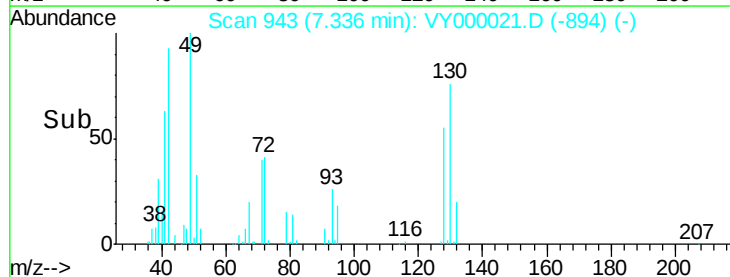
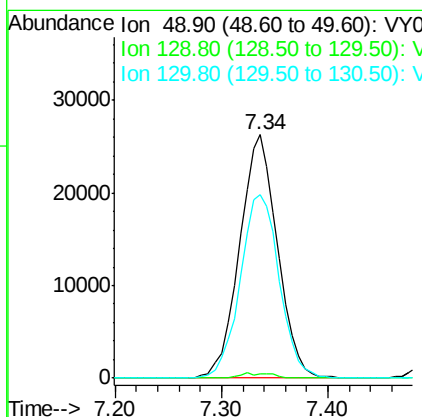
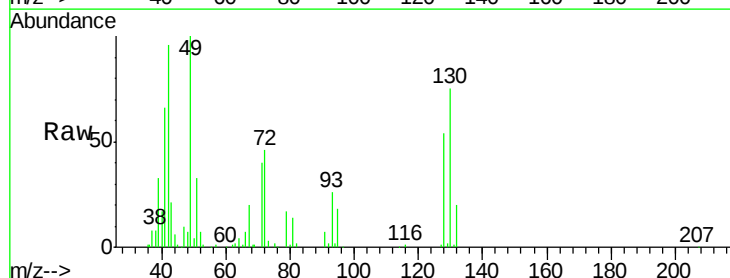
MMDadoda
9/13/2019 11:53:54 PM

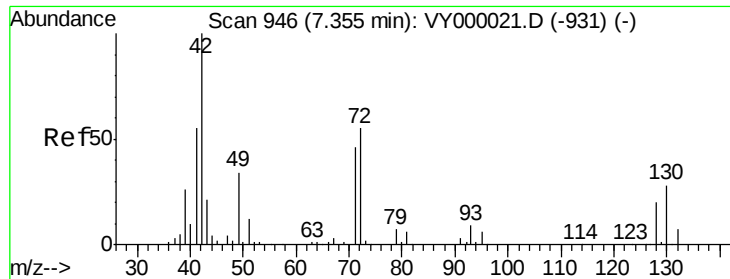


#28

Bromochloromethane
Concen: 54.409 ug/l
RT: 7.34 min Scan# 943
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.8
130	78.1	62.5	93.7





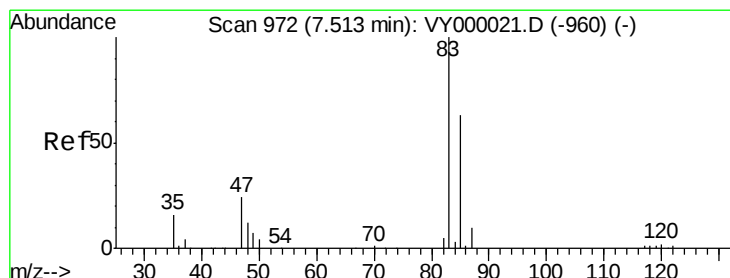
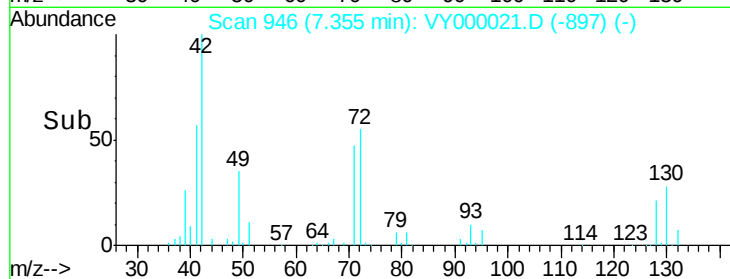
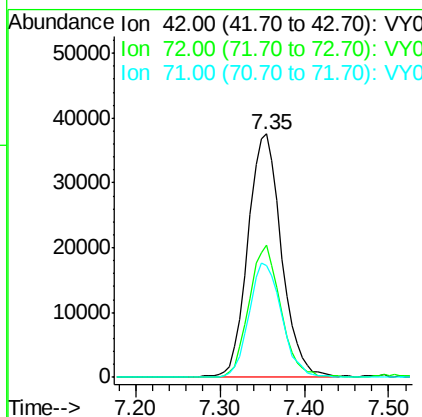
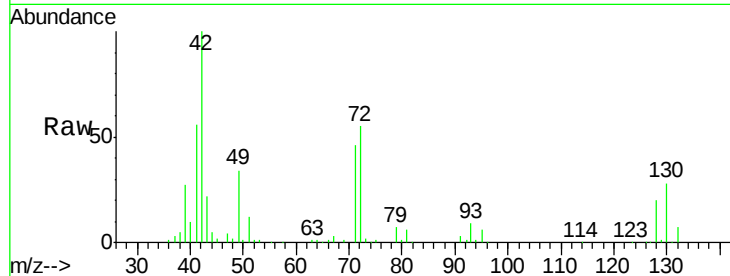
#29
Tetrahydrofuran
Concen: 252.285 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.1	61.7
71	45.6	36.5	54.7

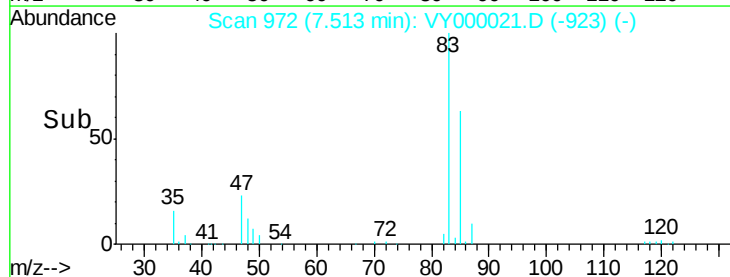
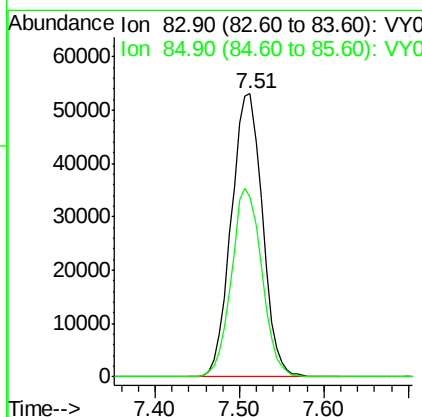
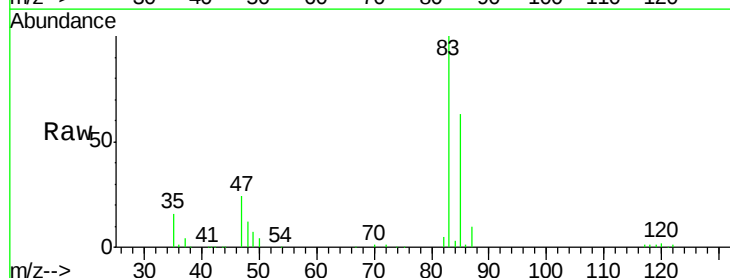
Manual Integrations
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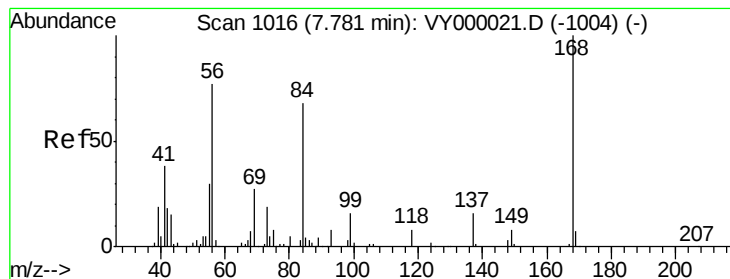
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#30
Chloroform
Concen: 49.129 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





#31

Cyclohexane

Concen: 45.273 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

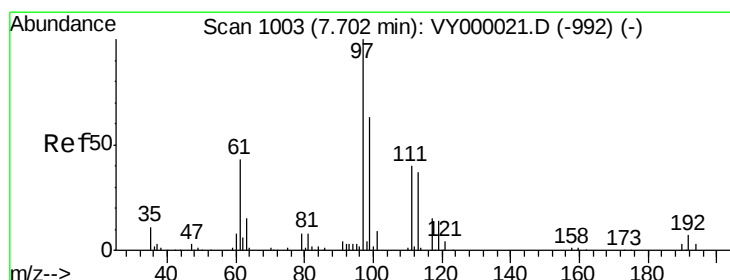
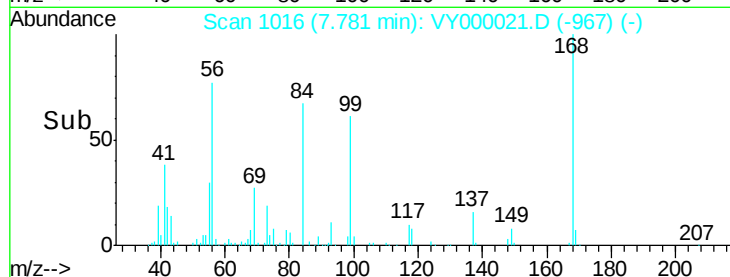
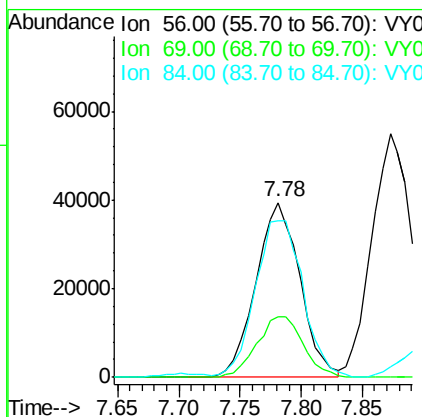
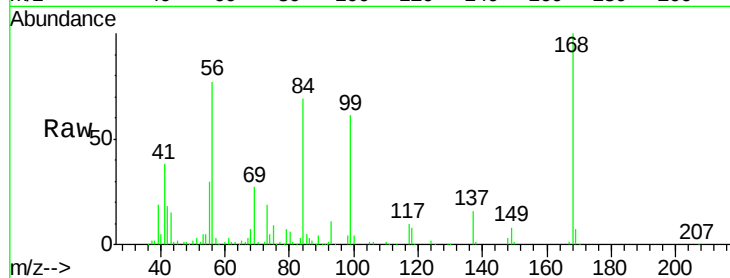
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	98740
Ion	Ratio	Lower	Upper
56	100		
69	35.0	28.0	42.0
84	88.0	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.423 ug/l

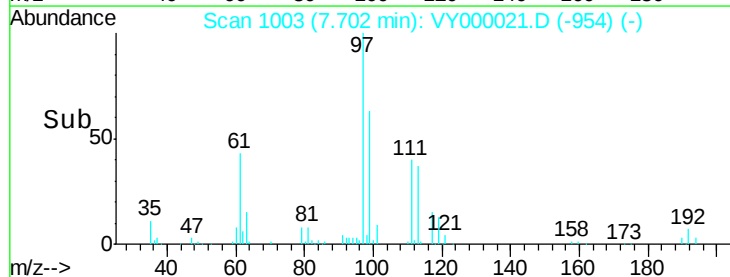
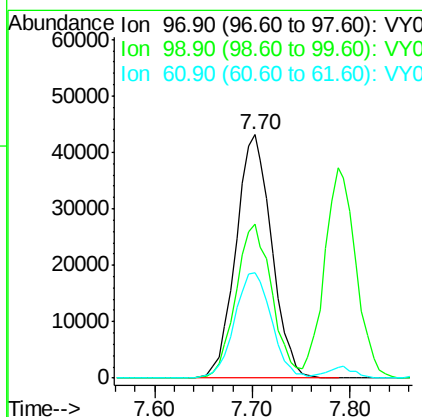
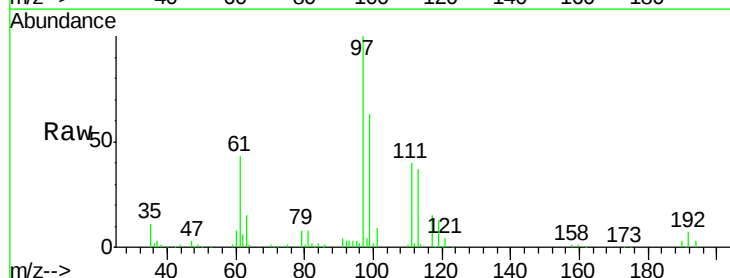
RT: 7.70 min Scan# 1003

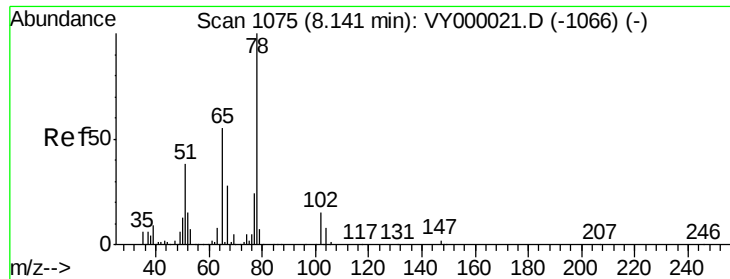
Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion:	97	Resp:	109406
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	44.6	35.7	53.5





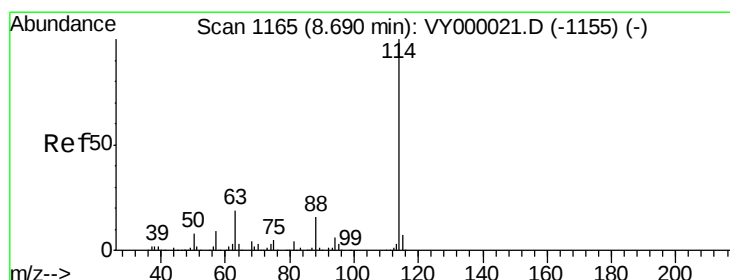
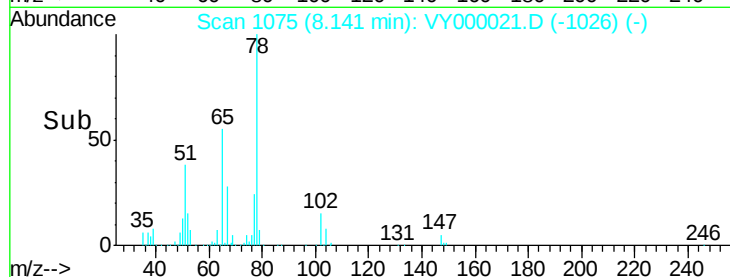
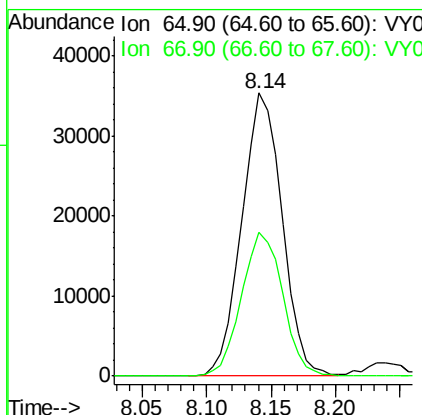
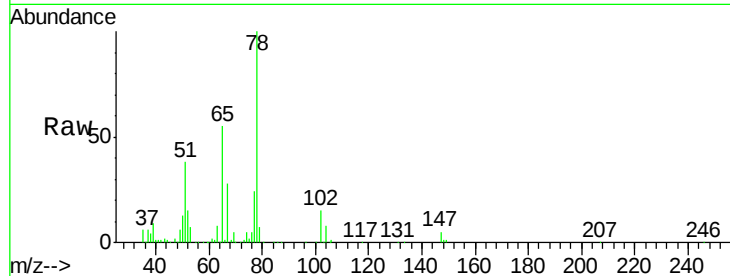
#33
 1,2-Dichloroethane-d4
 Concen: 50.824 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.4

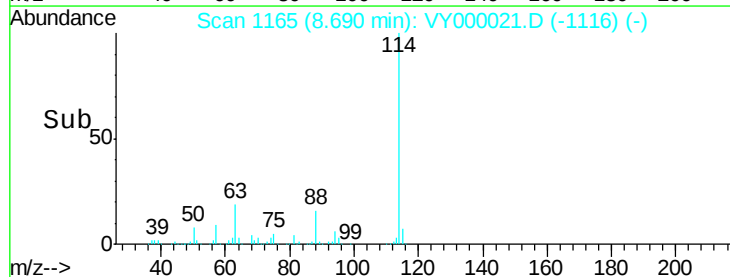
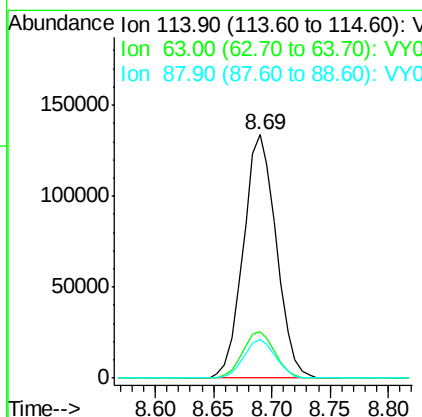
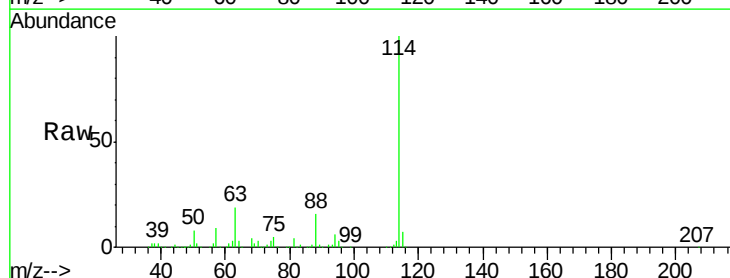
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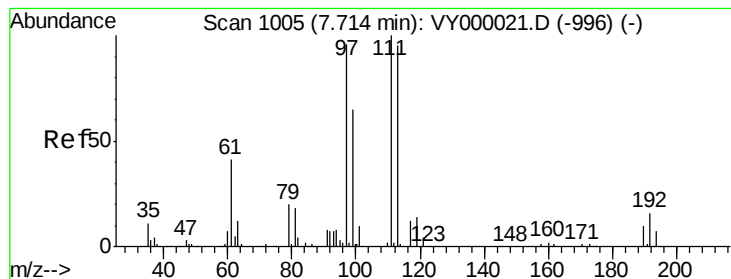
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.9	0.0	31.8





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:113 Resp: 72999

Ion Ratio Lower Upper

113 100

111 104.9 83.9 125.9

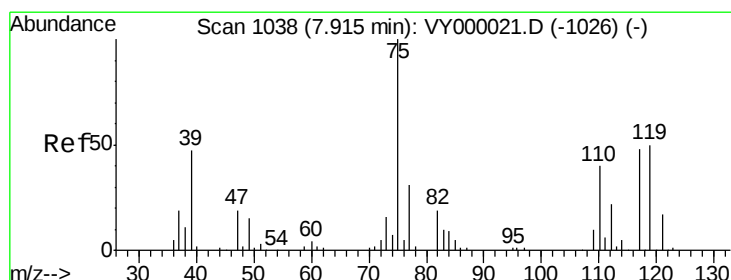
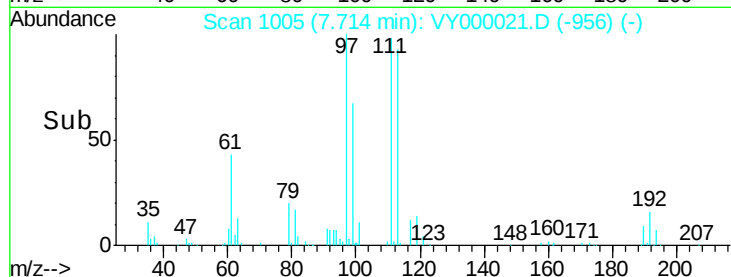
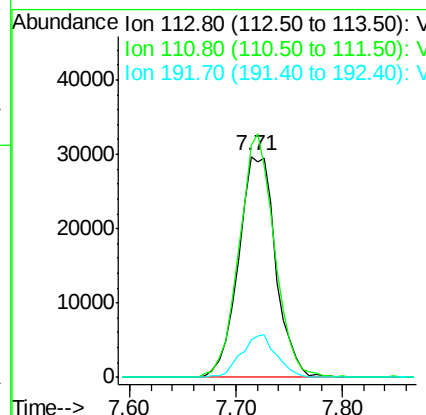
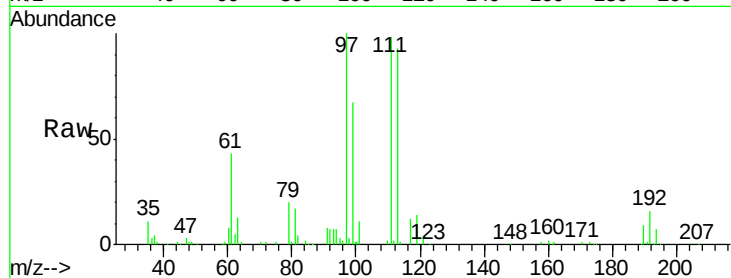
192 18.1 14.5 21.7

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#36

1,1-Dichloropropene

Concen: 49.199 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

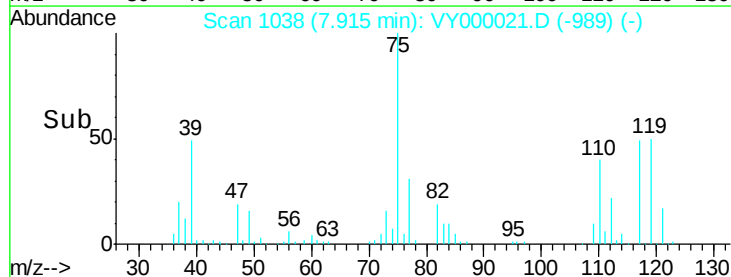
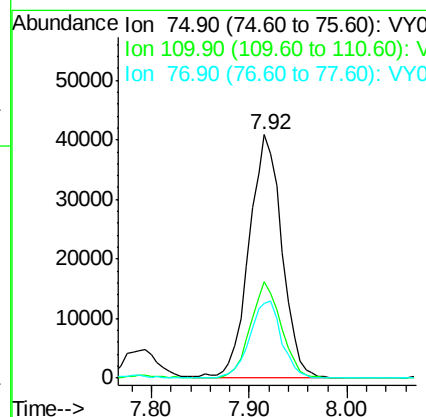
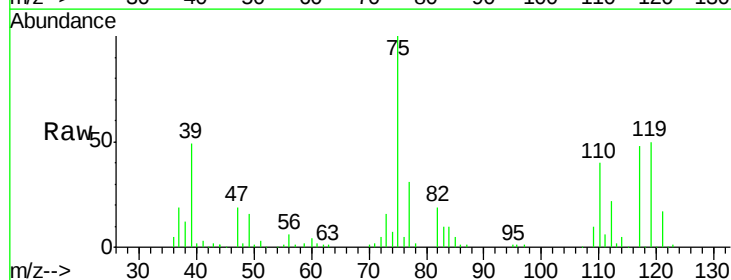
Tgt Ion: 75 Resp: 95134

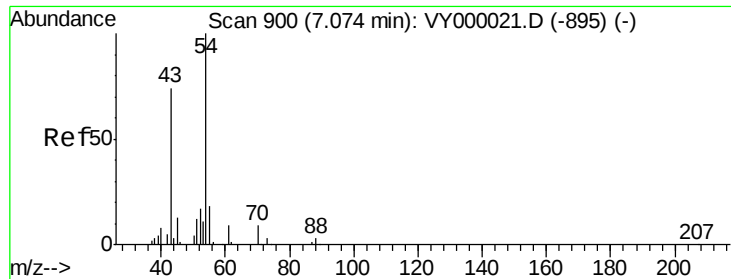
Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

77 30.5 24.4 36.6





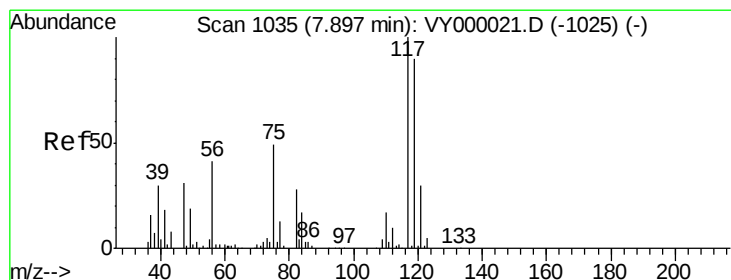
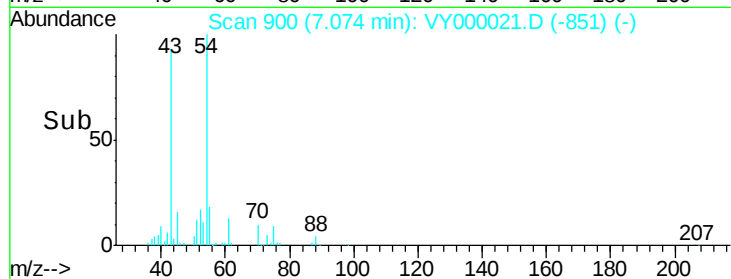
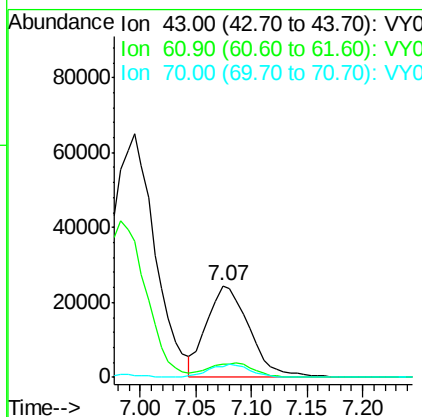
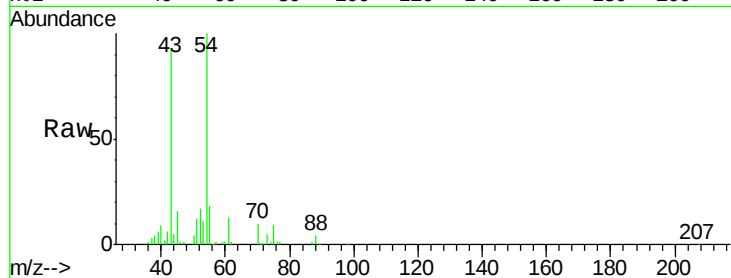
#37
Ethyl Acetate
Concen: 49.902 ug/l
RT: 7.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	13.1	19.7
70	13.6	10.9	16.3

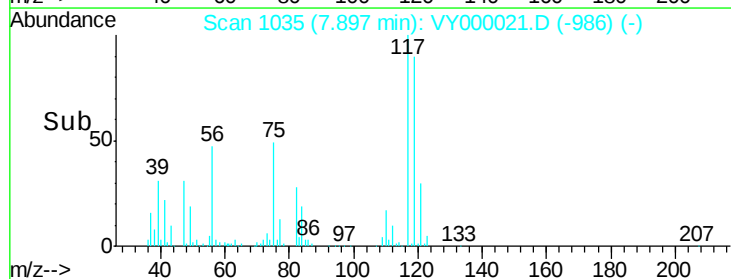
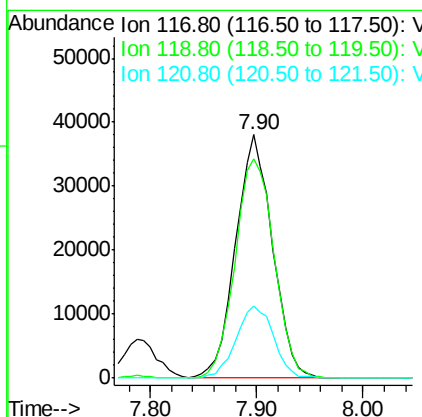
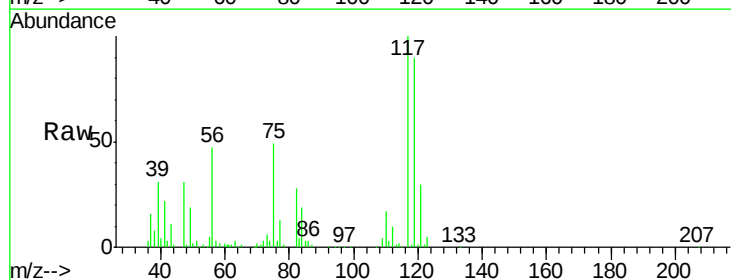
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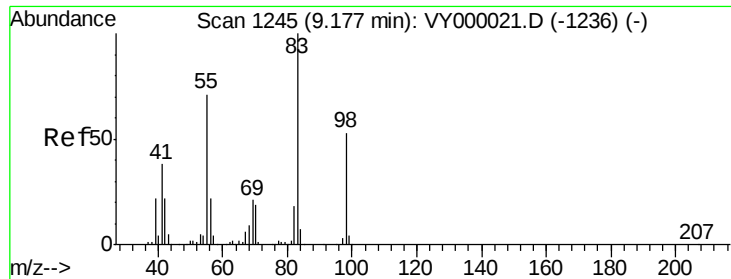
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.596 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	72.1	108.1
121	29.9	23.9	35.9





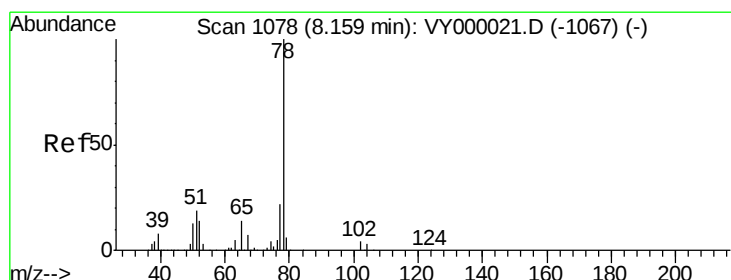
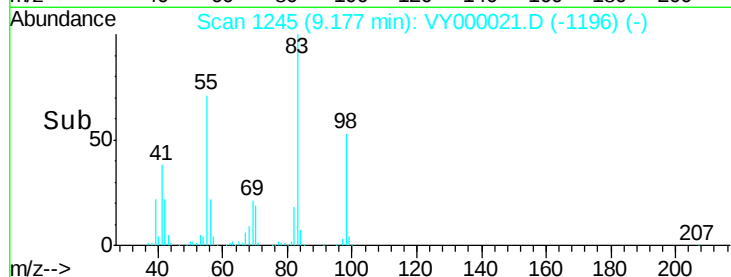
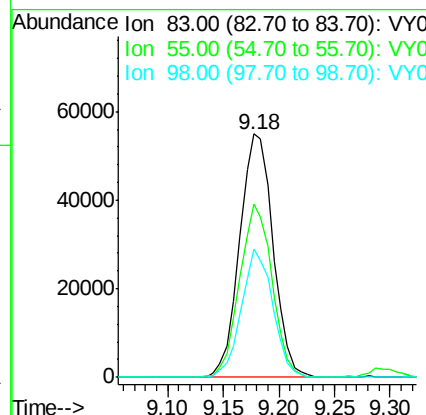
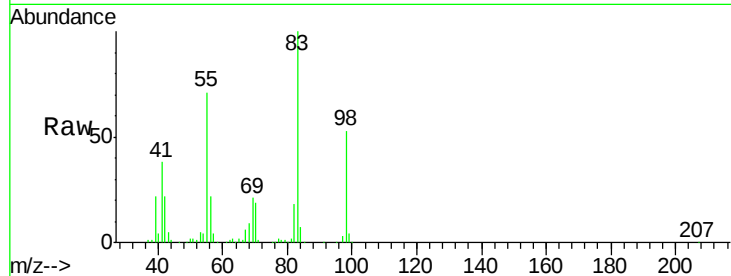
#39
Methylvlcyclohexane
Concen: 47.838 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.2	57.0	85.4	
98	52.5	42.0	63.0	

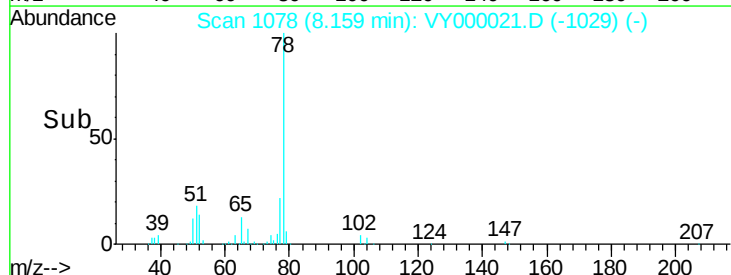
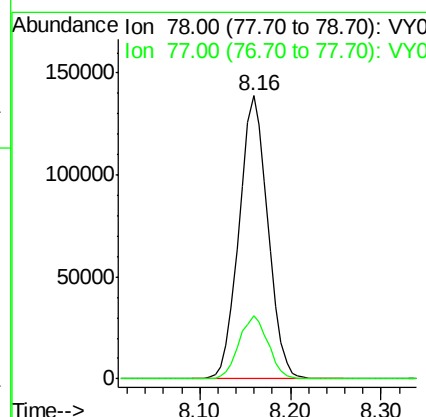
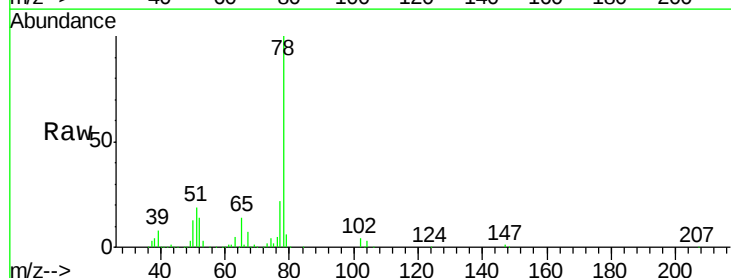
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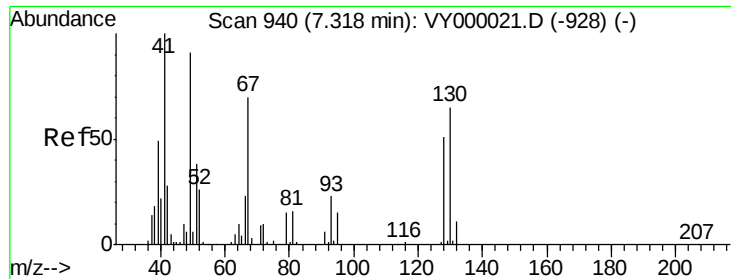
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#40
Benzene
Concen: 48.419 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.2	17.8	26.6	





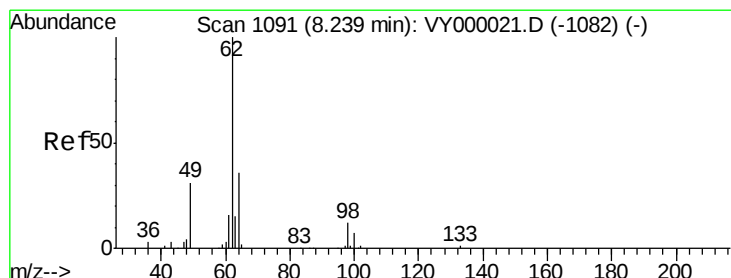
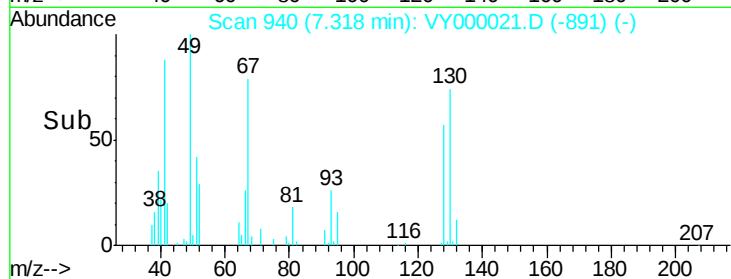
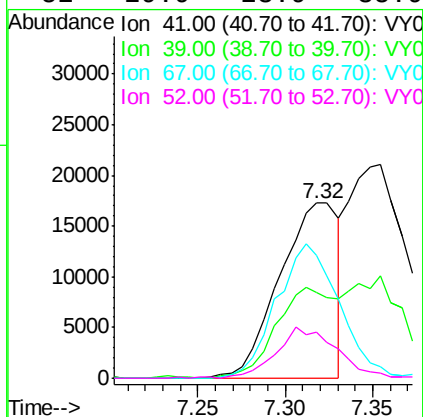
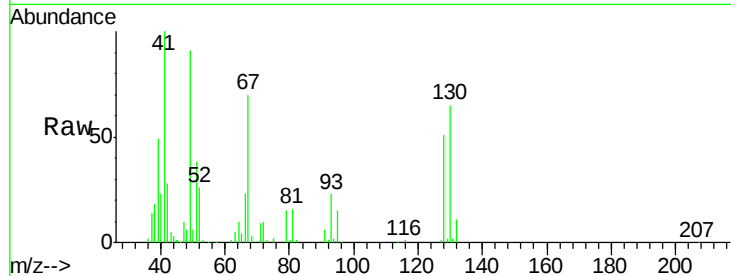
#41
Methacrylonitrile
Concen: 24.061 ug/l
RT: 7.32 min Scan# 940
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	40746
Ion	Ratio	Lower	Upper
41	100		
39	52.2	41.8	62.6
67	82.2	65.8	98.6
52	29.9	23.9	35.9

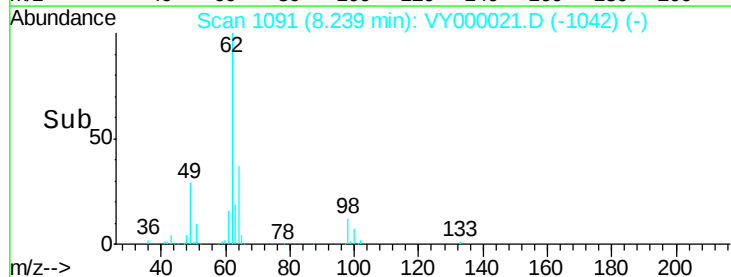
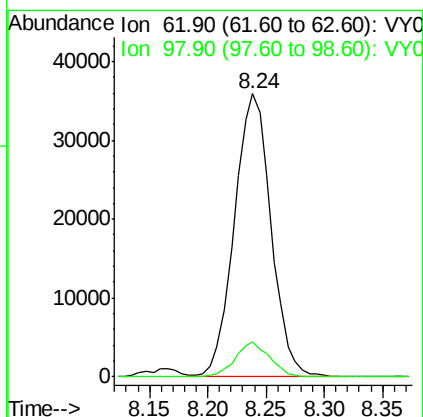
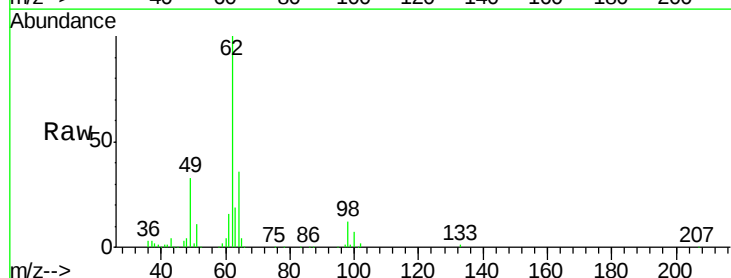
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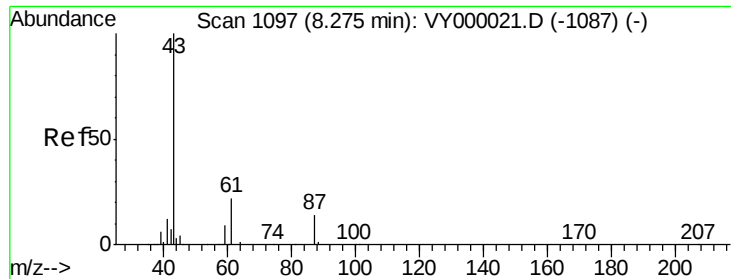
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.995 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	62	Resp	78825
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	23.2





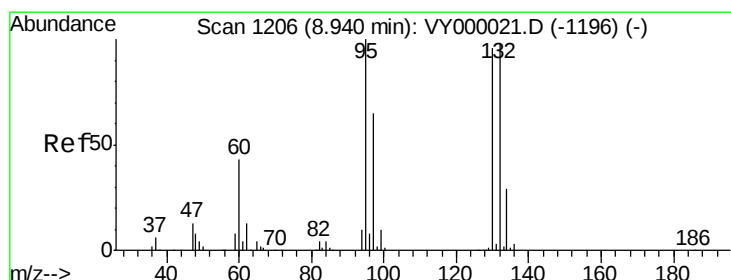
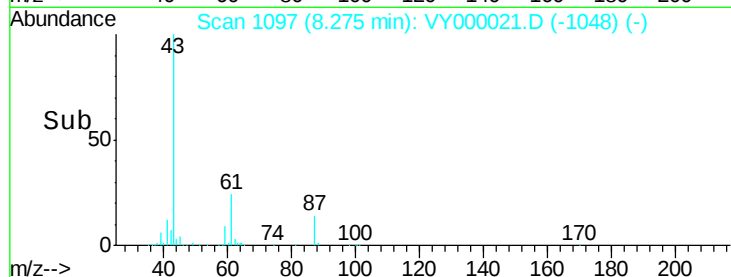
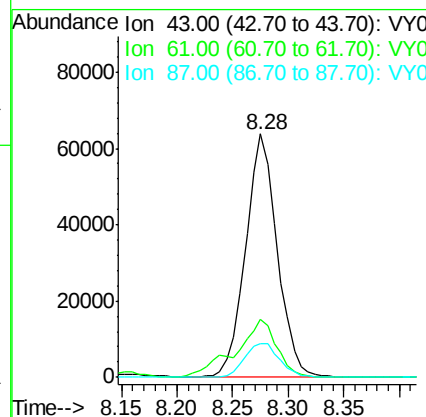
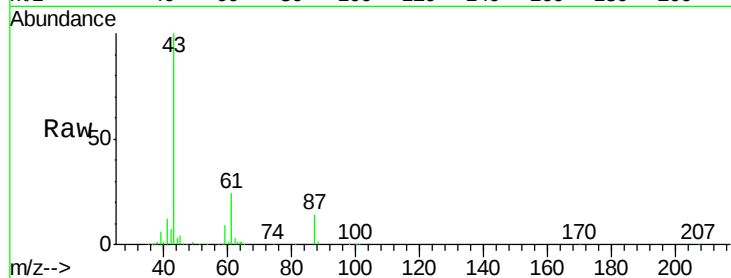
#43
Isopropyl Acetate
Concen: 49.476 ug/l
RT: 8.28 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.9	37.3
87	15.4	12.3	18.5

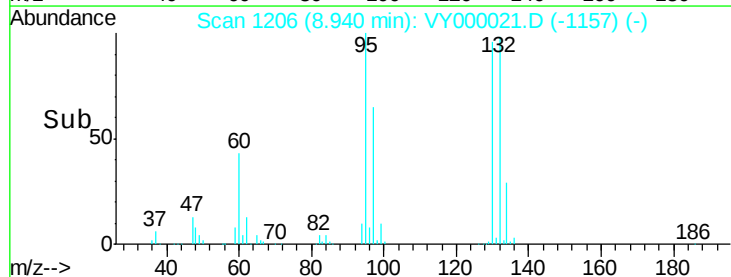
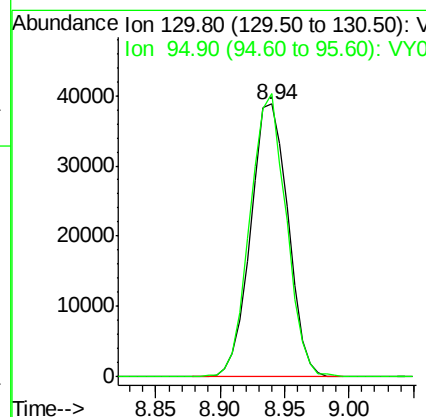
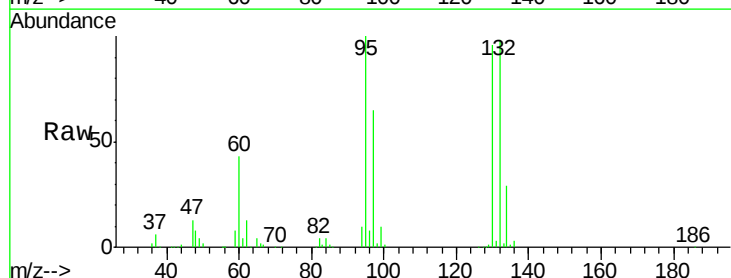
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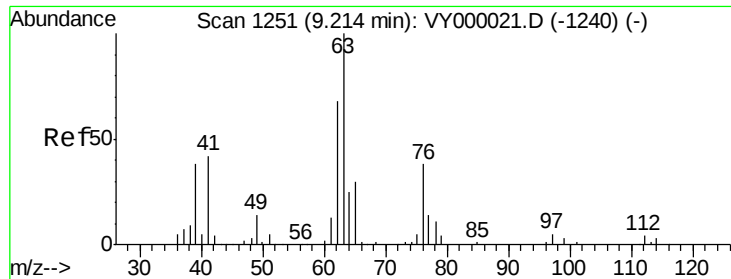
MMDadoda
9/13/2019 11:53:54 PM



#44
Trichloroethene
Concen: 49.433 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	207.4





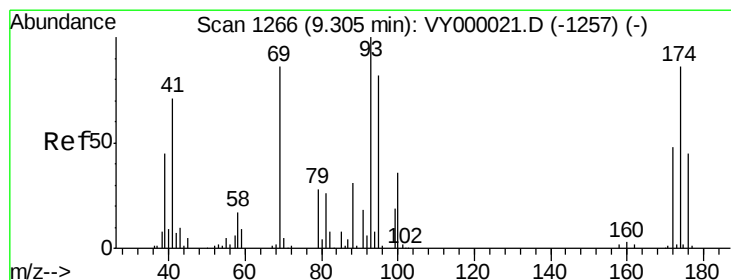
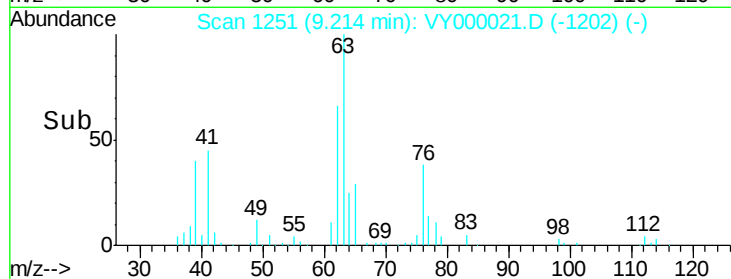
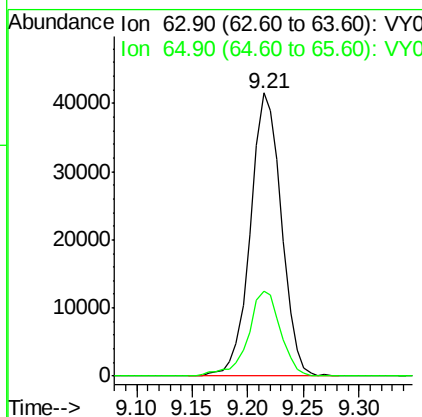
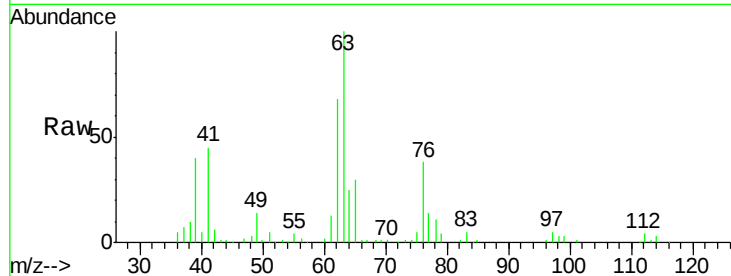
#45
 1,2-Dichloropropane
 Concen: 49.818 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 80869
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.1 36.1

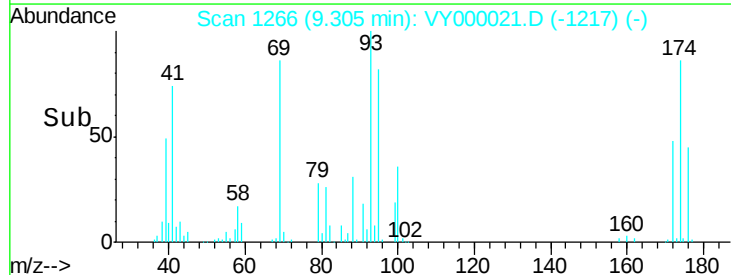
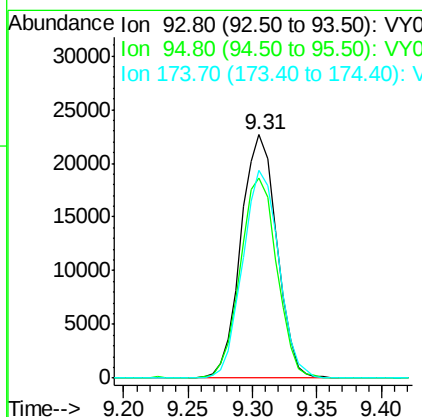
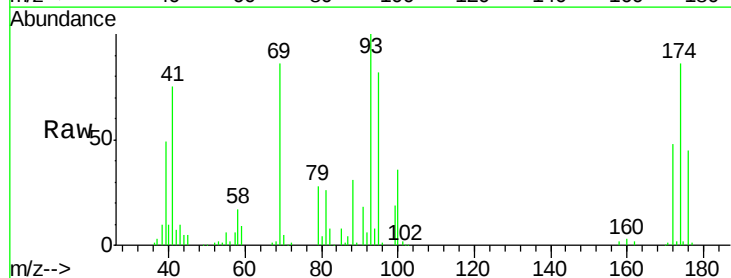
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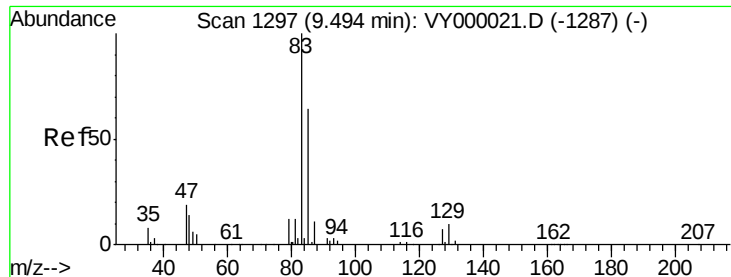
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#46
 Dibromomethane
 Concen: 48.464 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 93 Resp: 43661
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 86.0 68.8 103.2





#47

Bromodichloromethane

Concen: 49.321 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

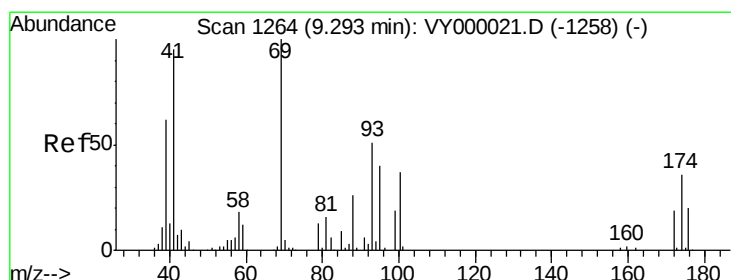
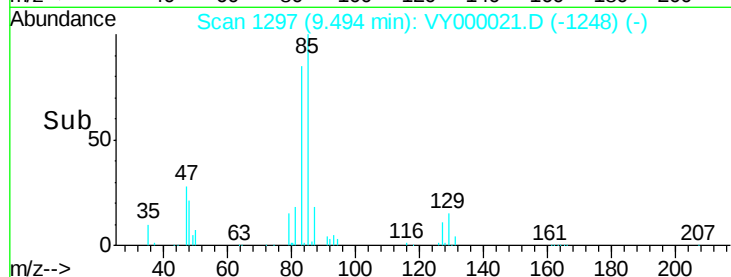
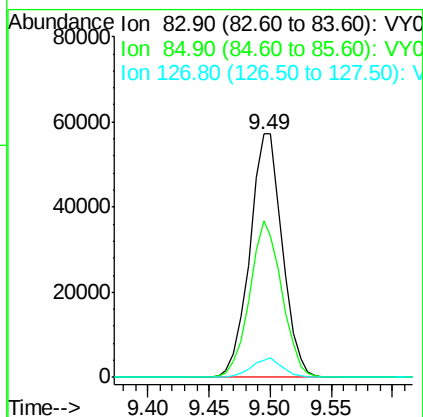
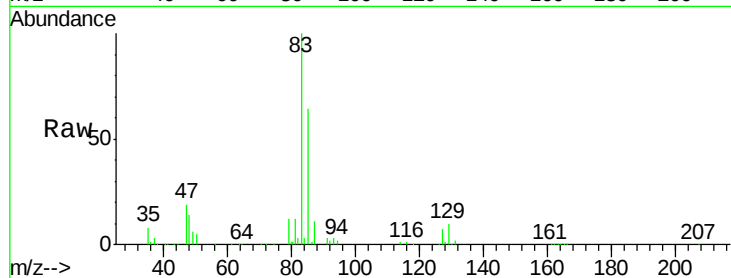
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	106067
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2
127	6.8	5.4	8.2

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#48

Methyl methacrylate

Concen: 48.942 ug/l

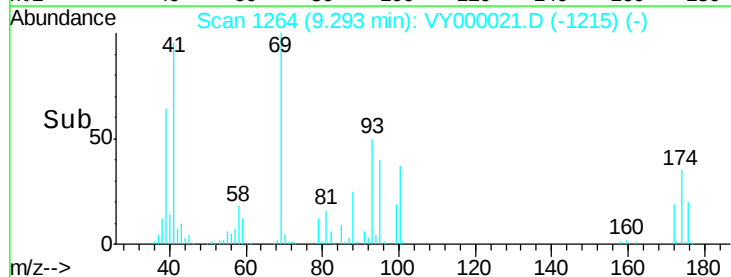
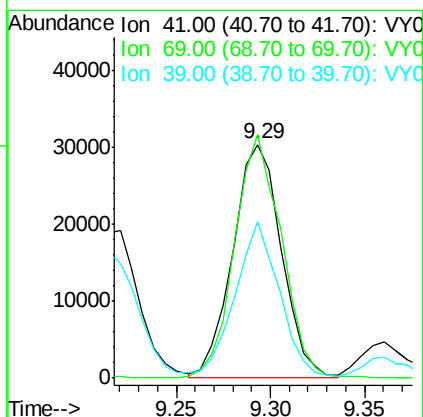
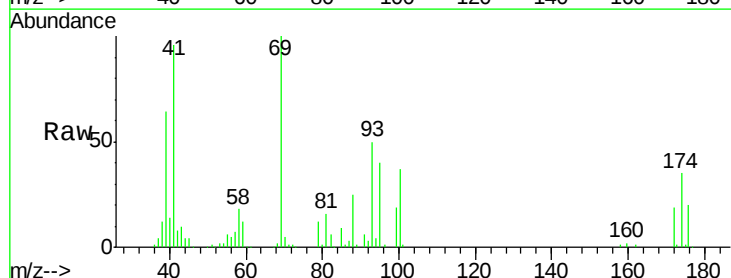
RT: 9.29 min Scan# 1264

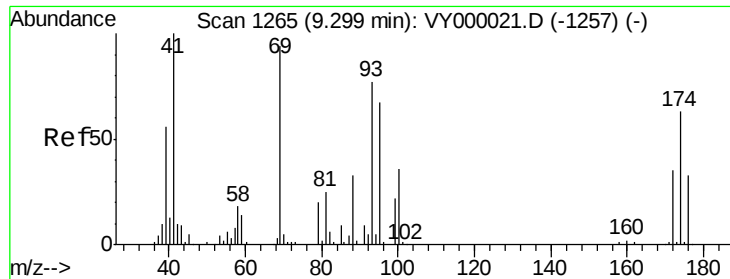
Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion:	41	Resp:	54570
Ion	Ratio	Lower	Upper
41	100		
69	99.6	79.7	119.5
39	60.7	48.6	72.8





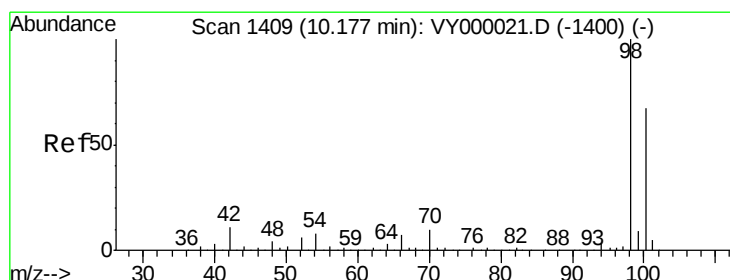
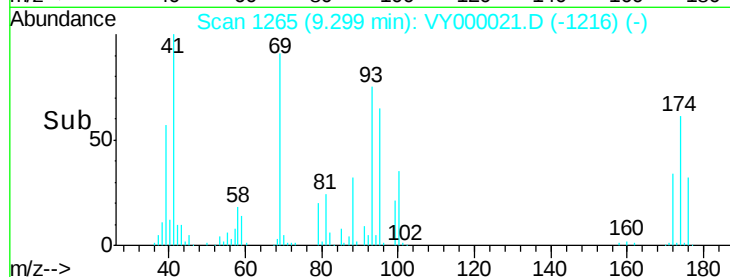
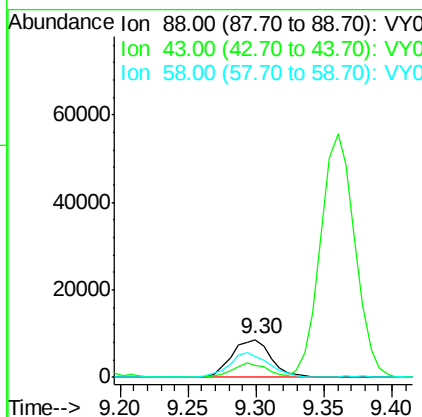
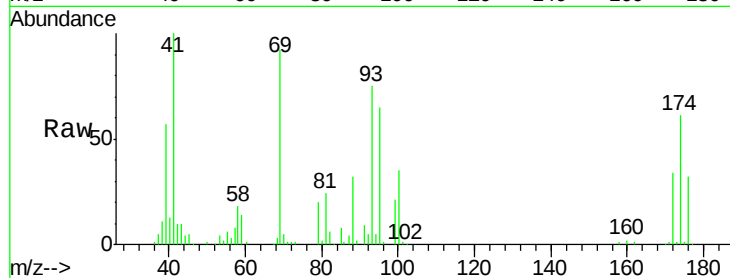
#49
 1,4-Dioxane
 Concen: 922.516 ug/l
 RT: 9.30 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	88	Resp	17405
Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.6	37.0
58	65.9	52.7	79.1

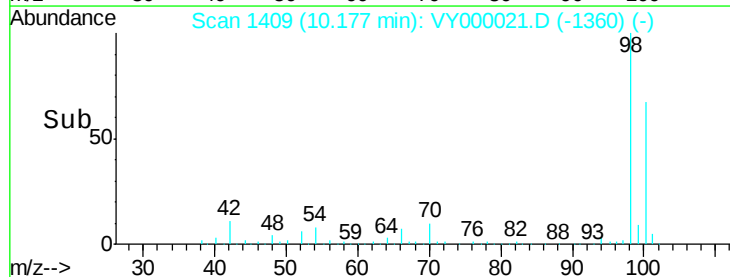
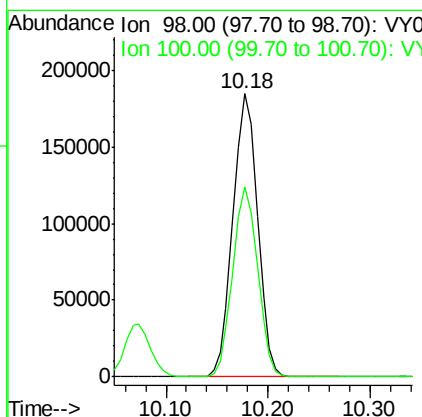
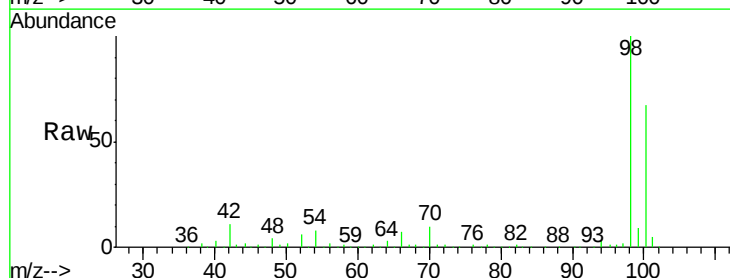
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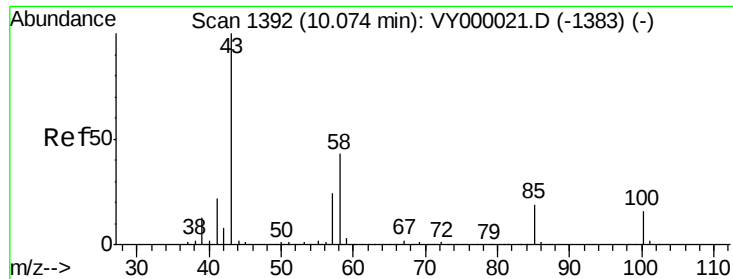
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#50
 Toluene-d8
 Concen: 50.903 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	98	Resp	309653
Ion	Ratio	Lower	Upper
98	100		
100	67.5	54.0	81.0





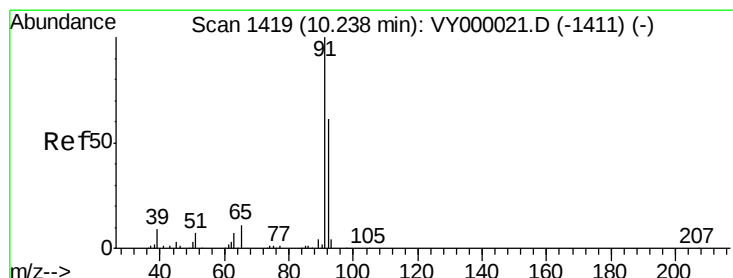
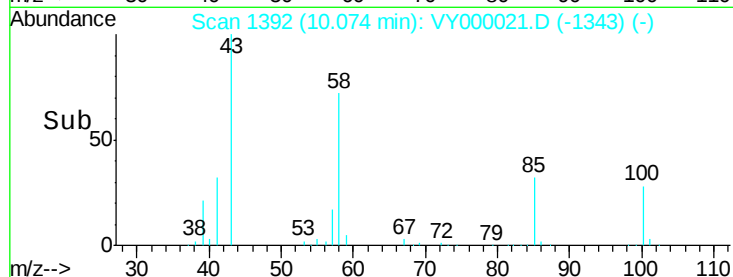
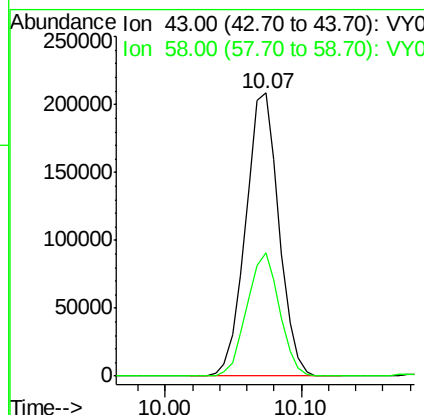
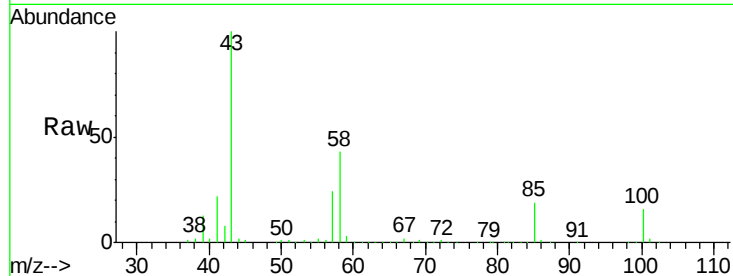
#51
4-Methyl-2-Pentanone
Concen: 251.871 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 356611
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

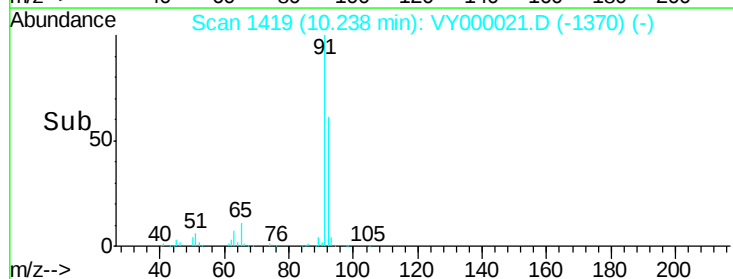
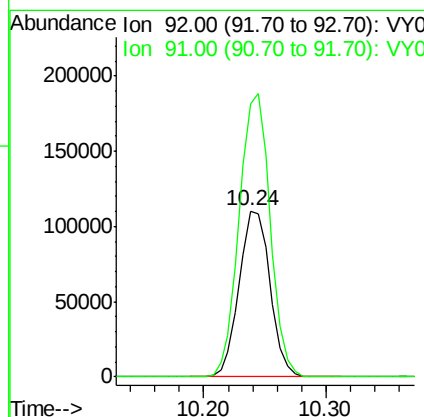
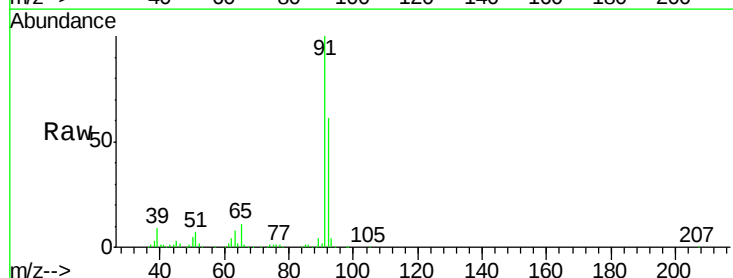
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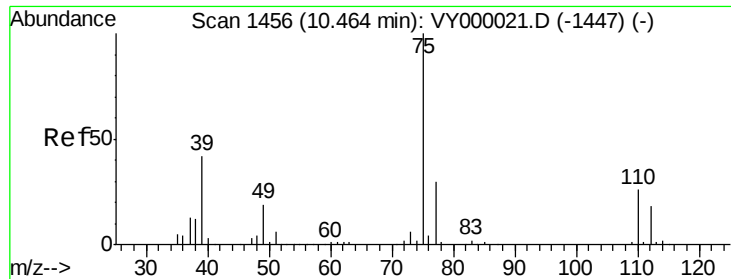
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#52
Toluene
Concen: 48.870 ug/l
RT: 10.24 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 92 Resp: 193320
Ion Ratio Lower Upper
92 100
91 170.5 136.4 204.6





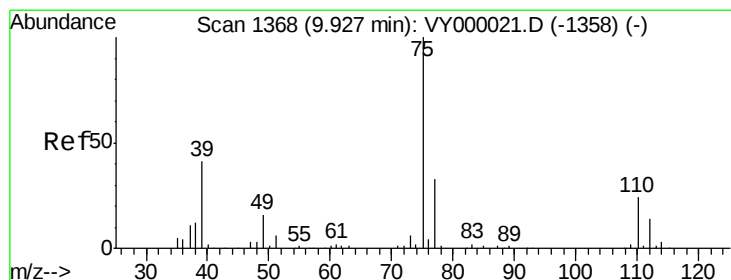
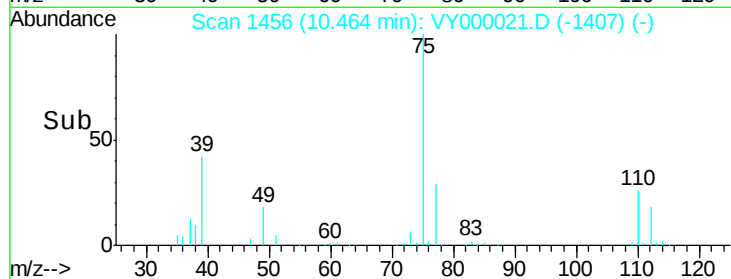
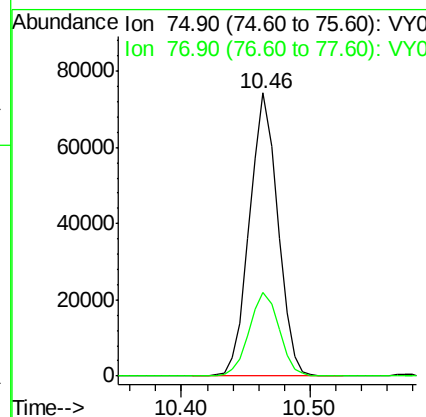
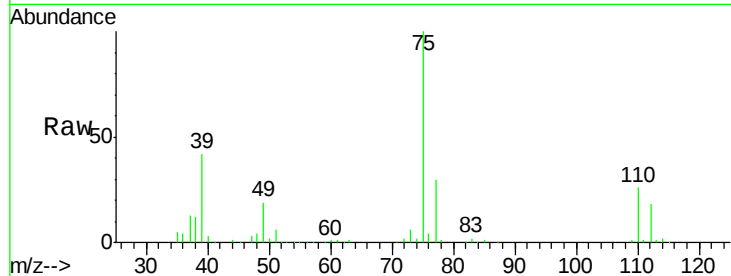
#53
 t-1,3-Dichloropropene
 Concen: 49.736 ug/l
 RT: 10.46 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	23.8	35.8

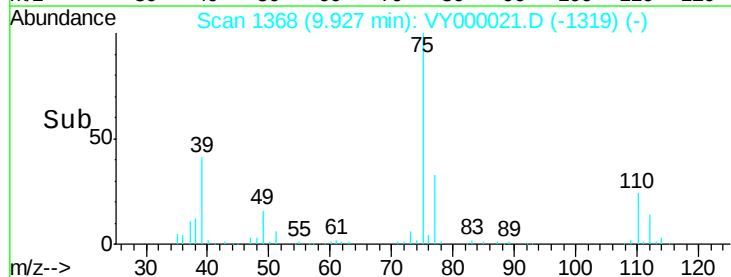
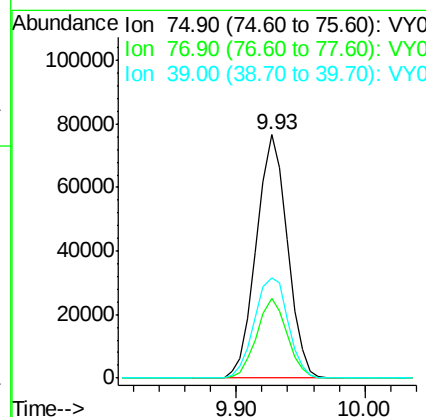
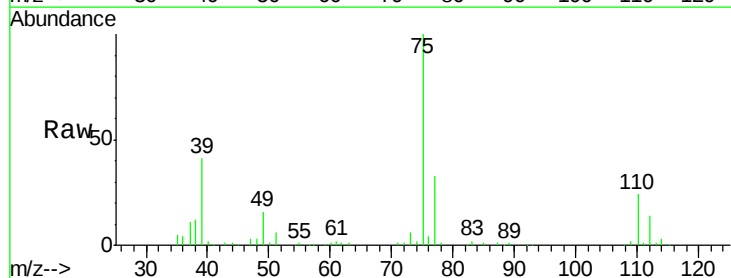
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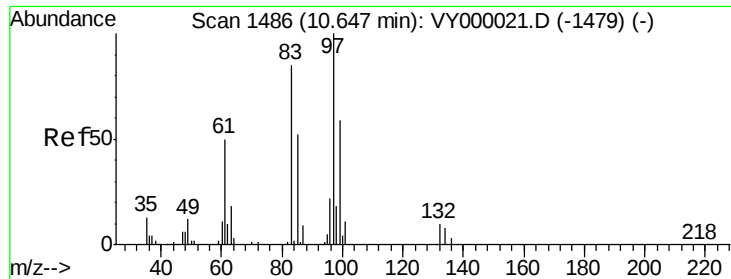
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#54
 cis-1,3-Dichloropropene
 Concen: 48.521 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	26.3	39.5
39	41.1	32.9	49.3





#55

1,1,2-Trichloroethane

Concen: 49.023 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 69987

Ion Ratio Lower Upper

97 100

83 85.2 68.2 102.2

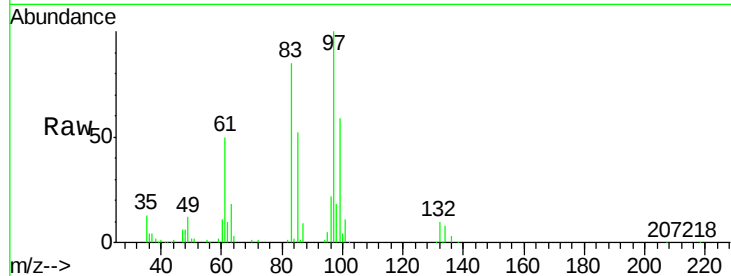
85 52.1 41.7 62.5

99 59.1 47.3 70.9

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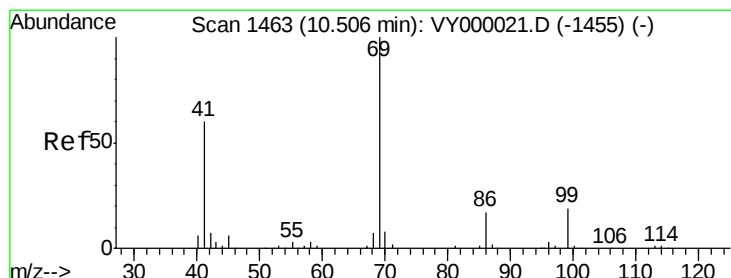
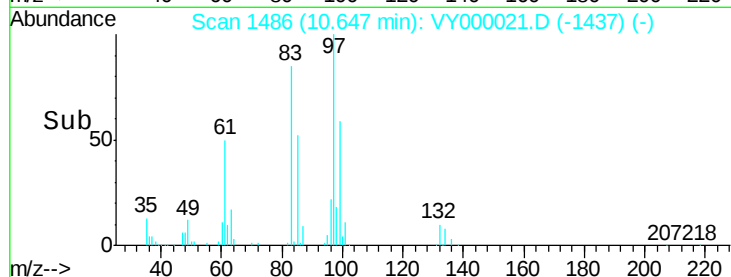
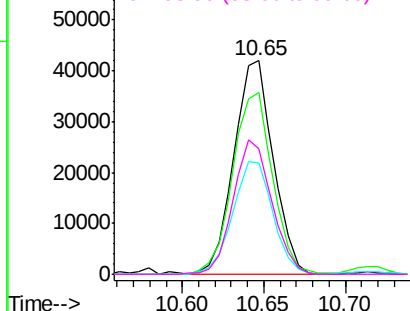
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 49.500 ug/l

RT: 10.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

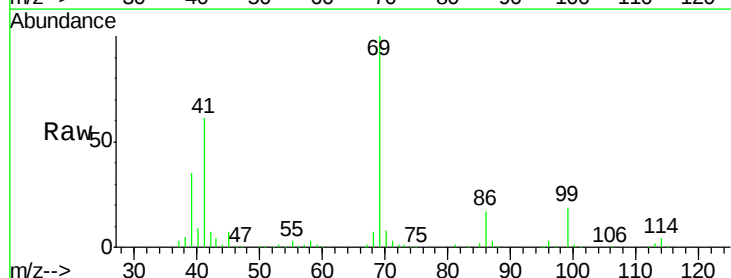
Tgt Ion: 69 Resp: 99178

Ion Ratio Lower Upper

69 100

41 58.7 47.0 70.4

39 33.0 26.4 39.6

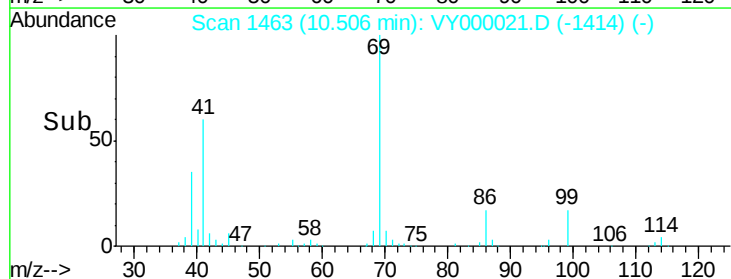
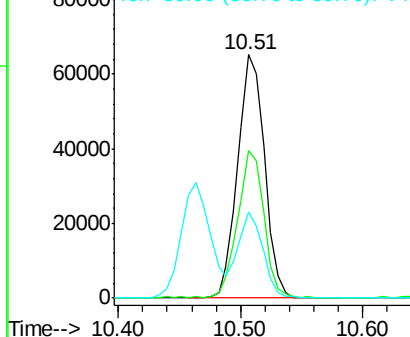


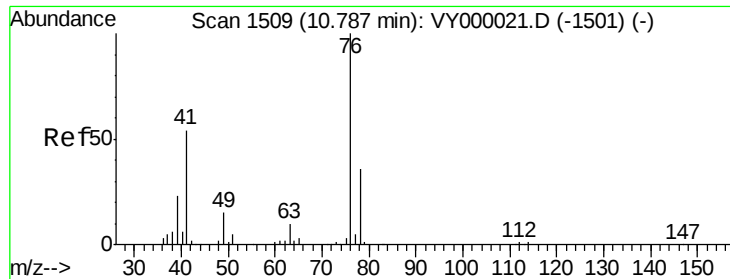
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





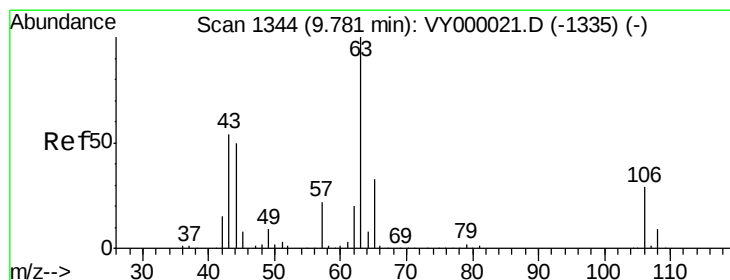
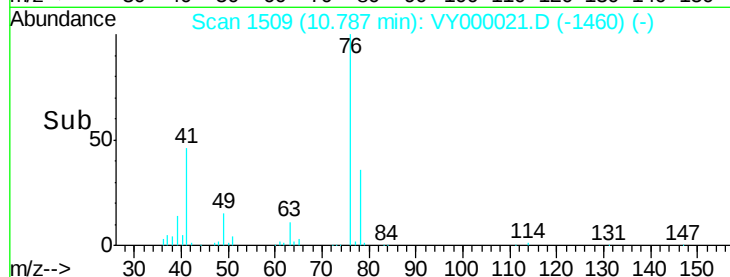
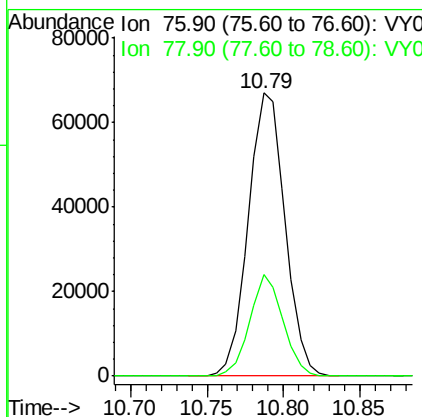
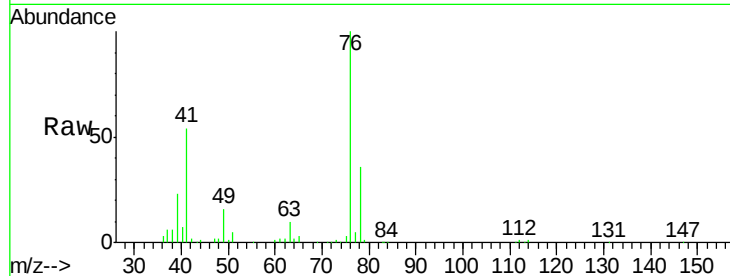
#57
 1,3-Dichloropropane
 Concen: 48.919 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 111689
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0

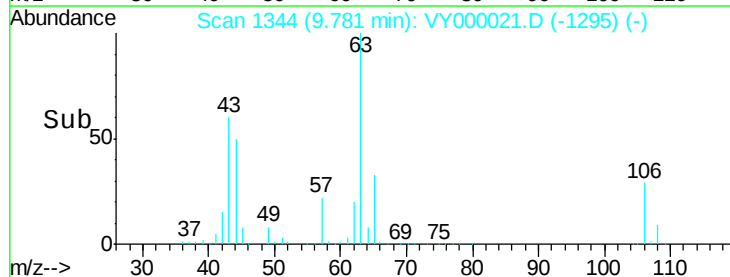
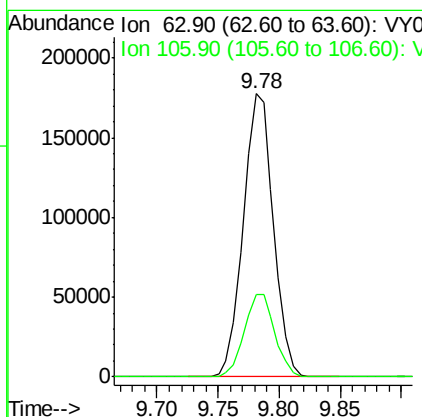
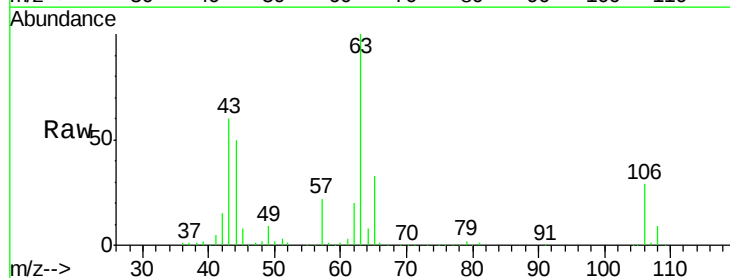
Manual Integrations
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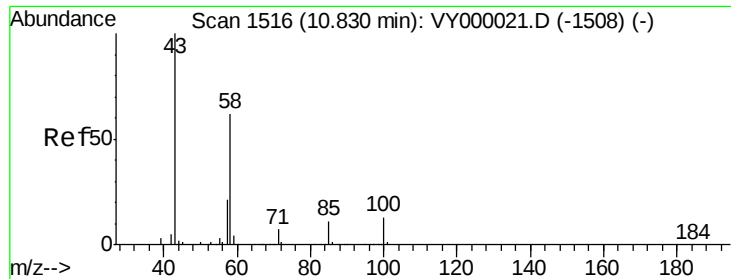
MMDadoda
 9/13/2019 11:53:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.227 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 63 Resp: 303162
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.7 35.5





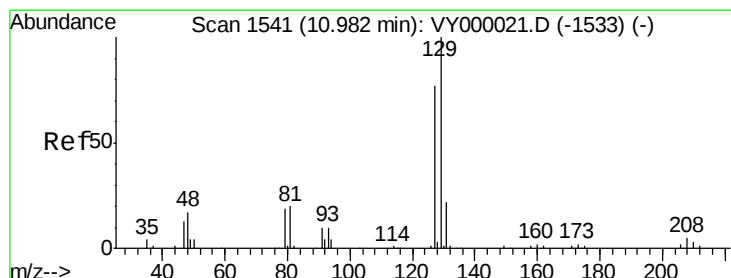
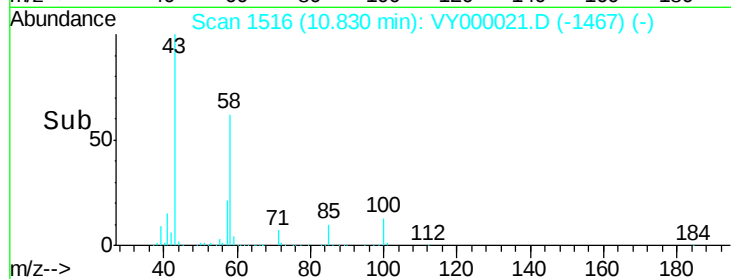
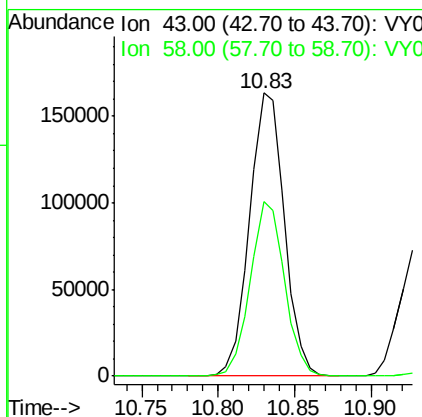
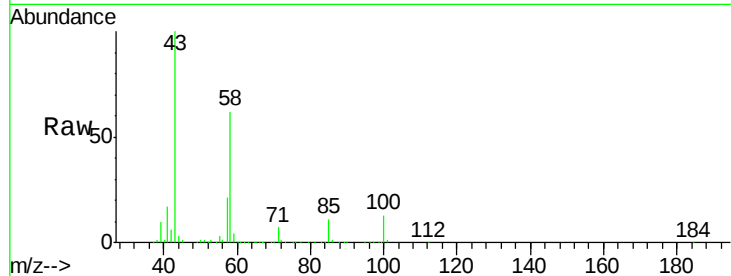
#59
2-Hexanone
Concen: 254.125 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.5	30.3	90.8

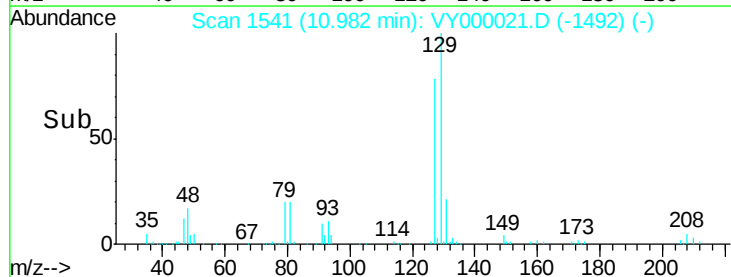
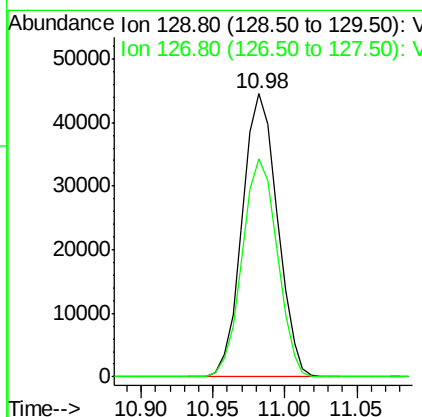
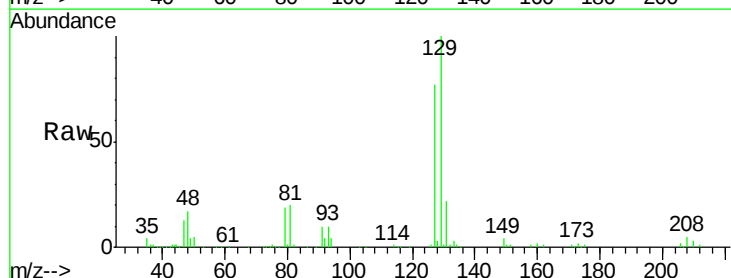
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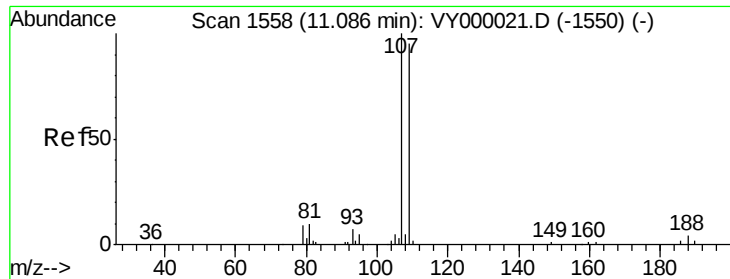
MMDadoda
9/13/2019 11:53:54 PM



#60
Dibromochloromethane
Concen: 50.133 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





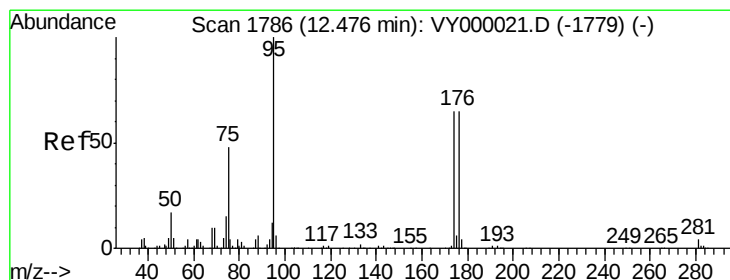
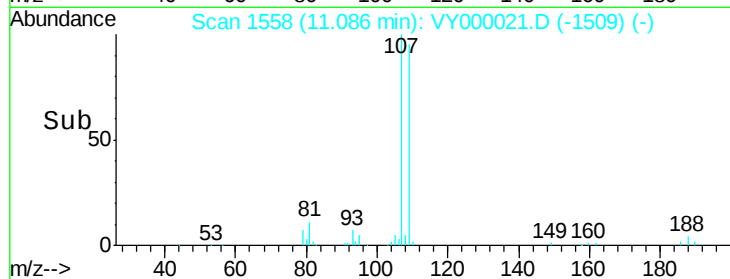
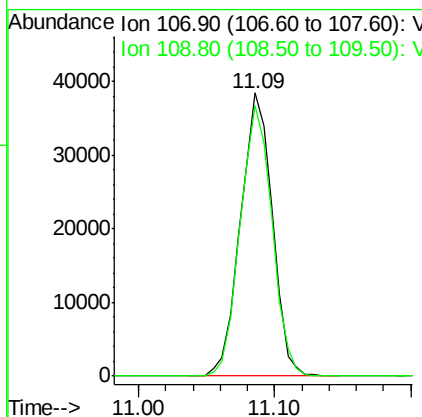
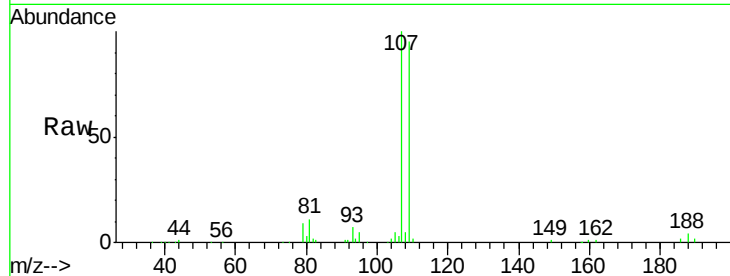
#61
 1,2-Dibromoethane
 Concen: 49.820 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	76.7	115.1

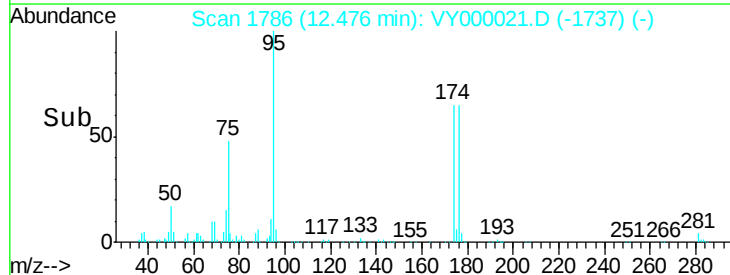
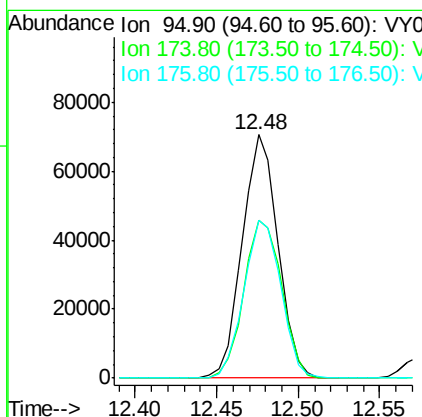
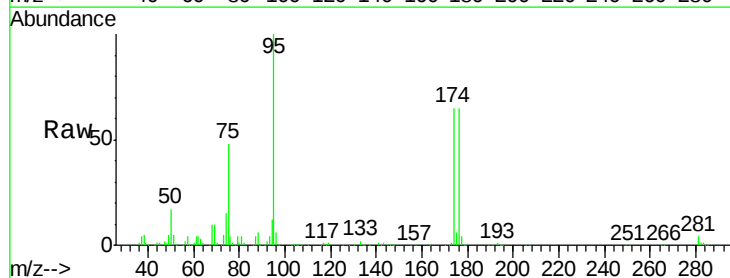
Manual Integrations
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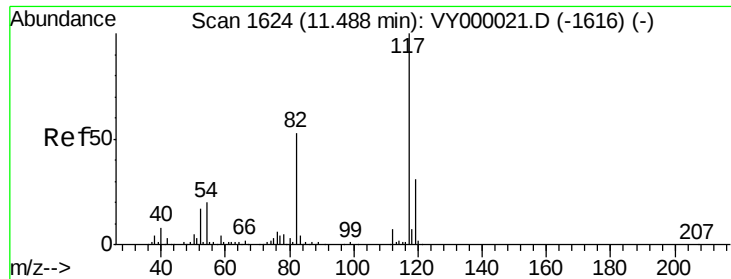
MMDadoda
 9/13/2019 11:53:54 PM



#62
 4-Bromofluorobenzene
 Concen: 48.690 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	137.6
176	67.4	0.0	134.8





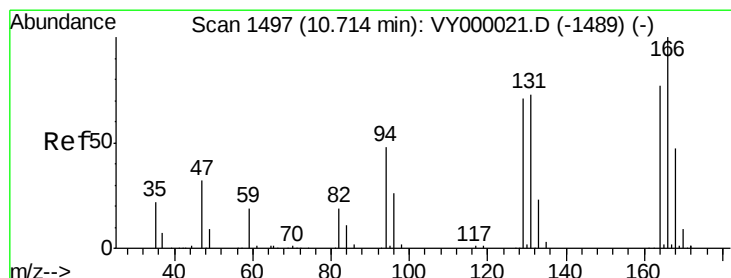
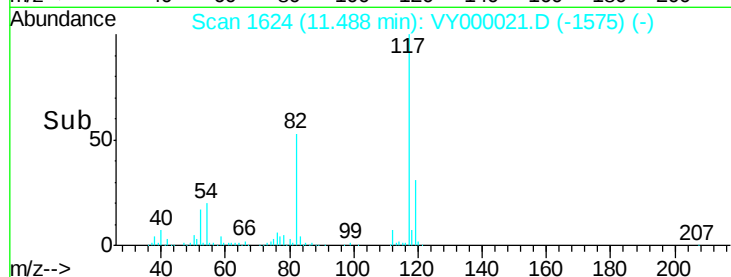
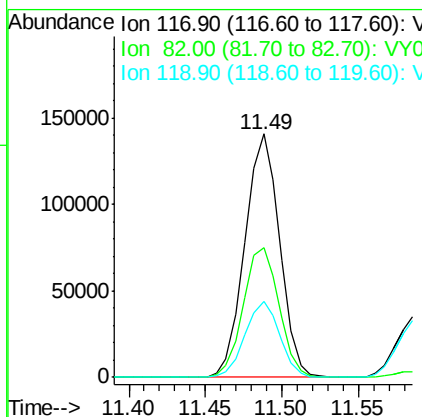
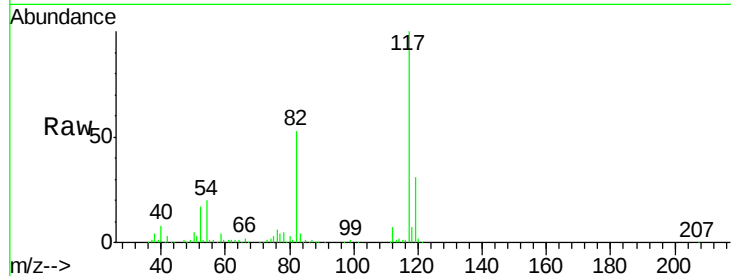
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	222887		
82	53.1	42.5	63.7	
119	31.4	25.1	37.7	

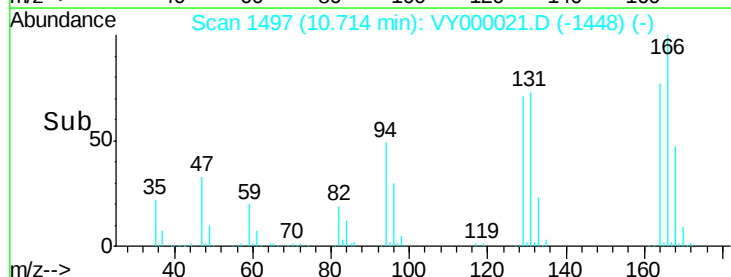
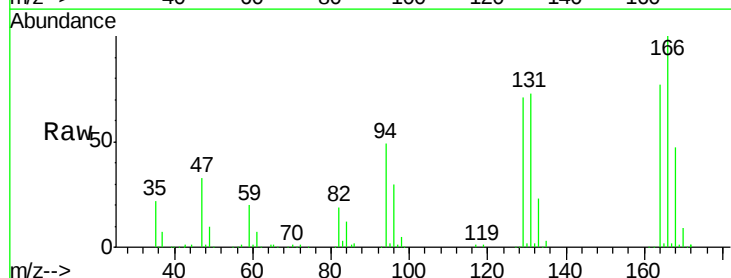
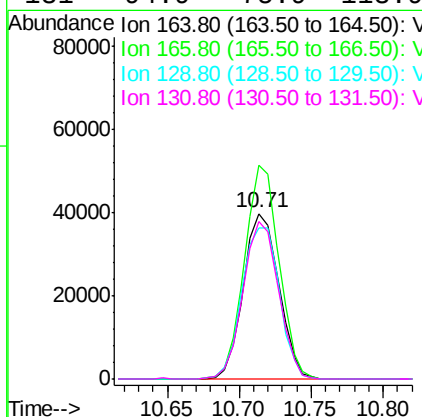
Manual Integrations
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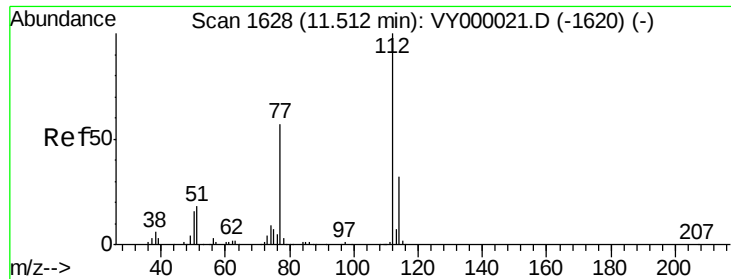
MMDadoda
9/13/2019 11:53:54 PM



#64
Tetrachloroethene
Concen: 49.782 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68042		
166	129.2	103.4	155.0	
129	91.7	73.4	110.0	
131	94.9	75.9	113.9	





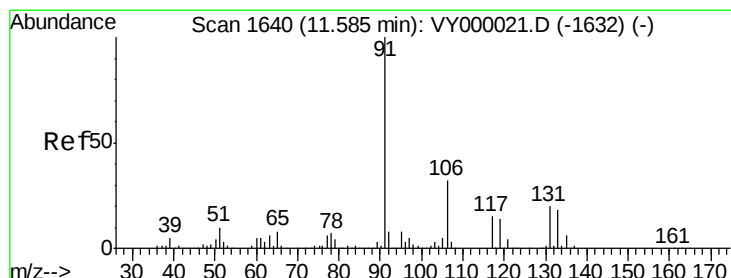
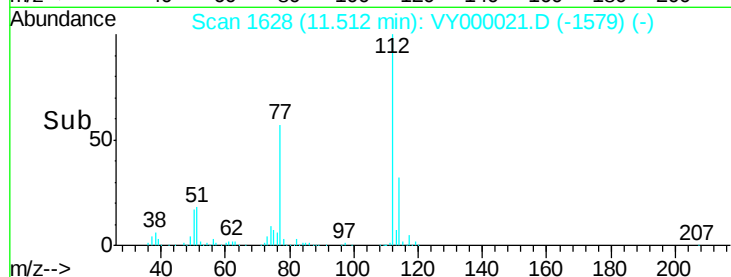
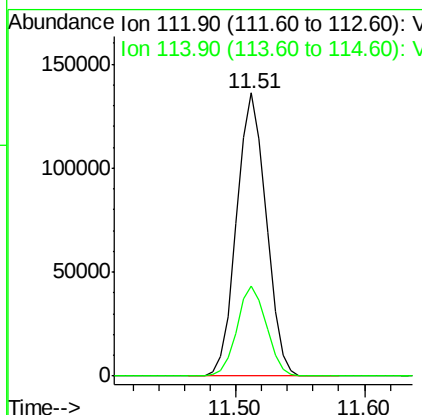
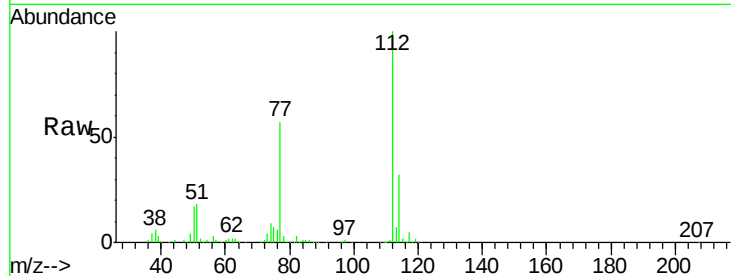
#65
Chlorobenzene
Concen: 51.093 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	216995		
114	31.8	25.4	38.2	

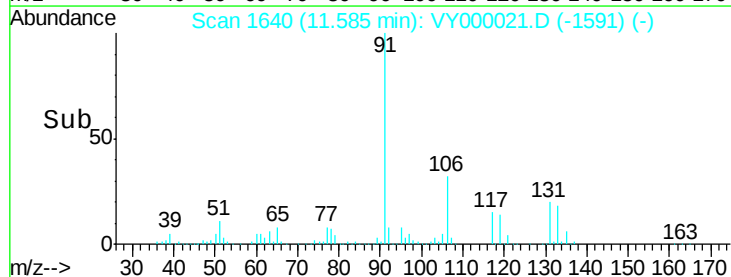
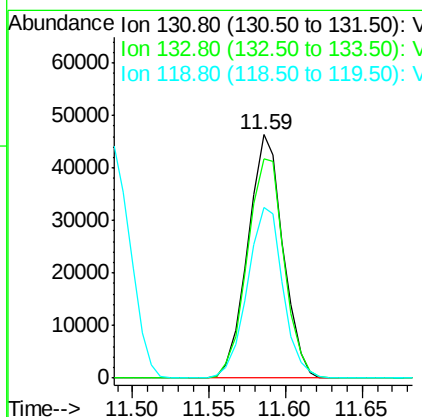
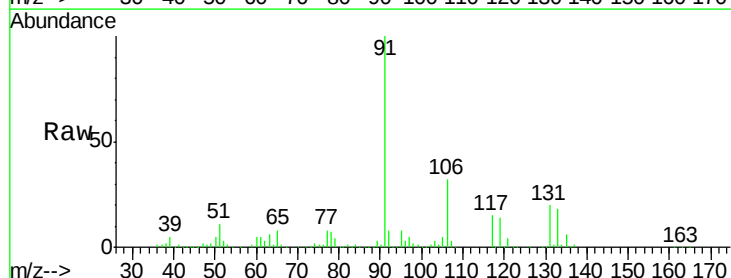
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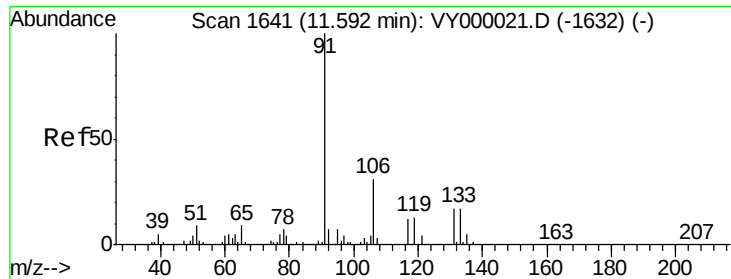
MMDadoda
9/13/2019 11:53:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.390 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	74153		
133	94.4	47.2	141.6	
119	70.9	35.4	106.3	





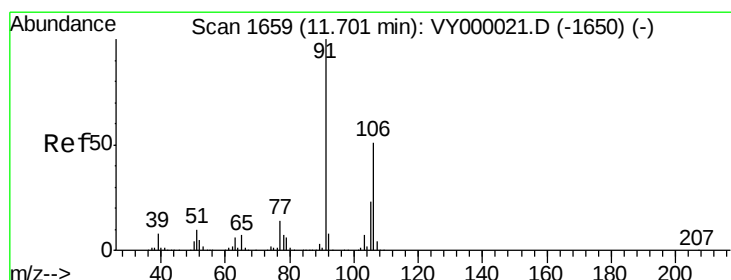
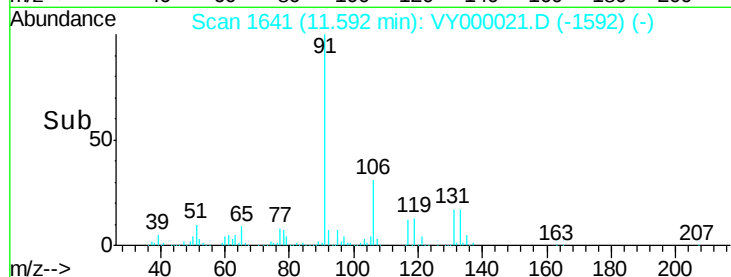
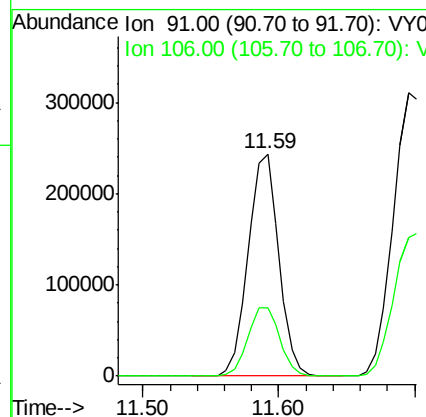
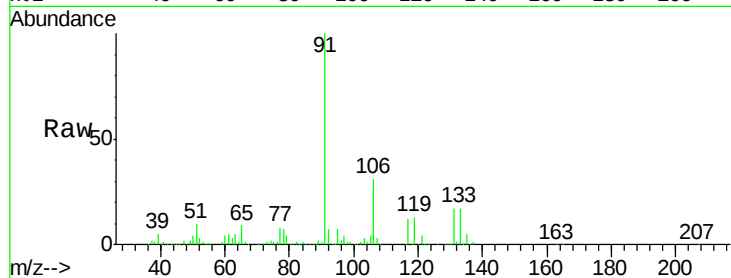
#67
Ethyl Benzene
Concen: 49.722 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 383637
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

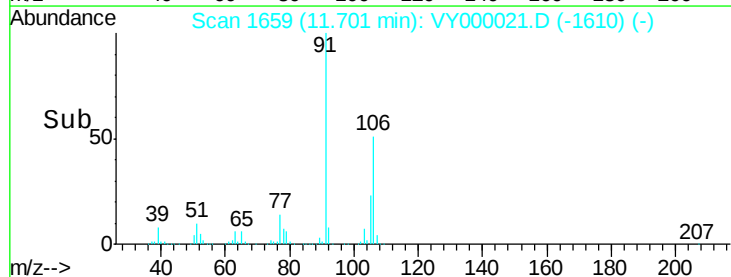
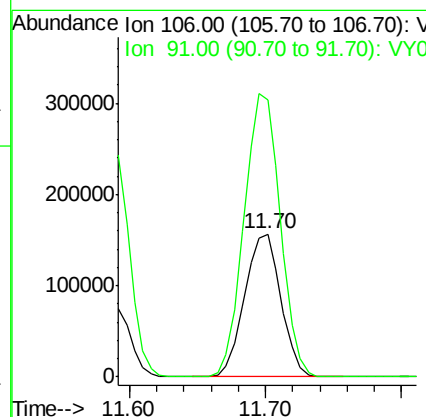
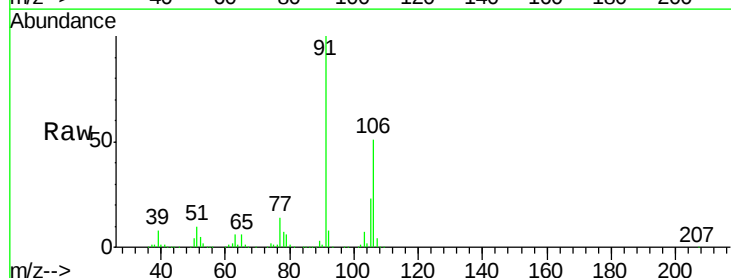
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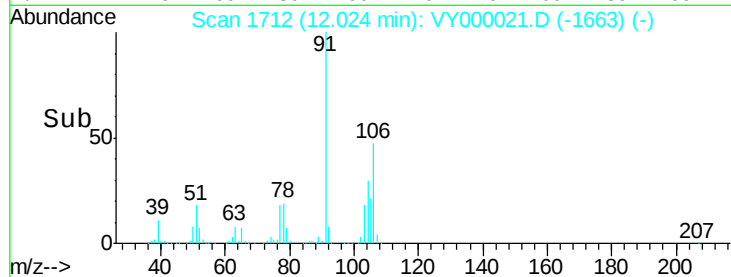
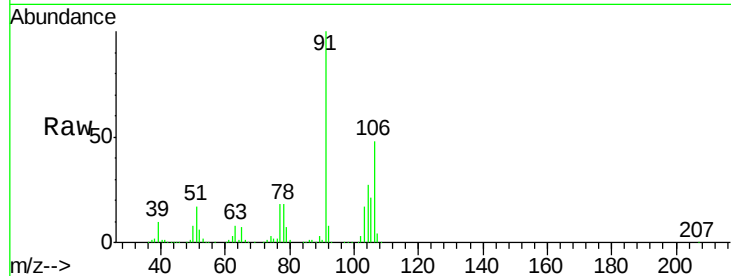
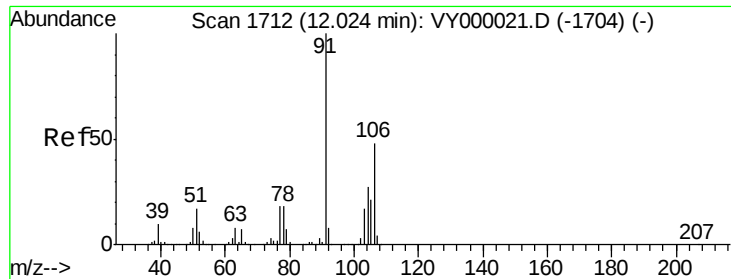
MMDadoda
9/13/2019 11:53:54 PM



#68
m/p-Xylenes
Concen: 100.233 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 106 Resp: 291833
Ion Ratio Lower Upper
106 100
91 198.1 158.5 237.7





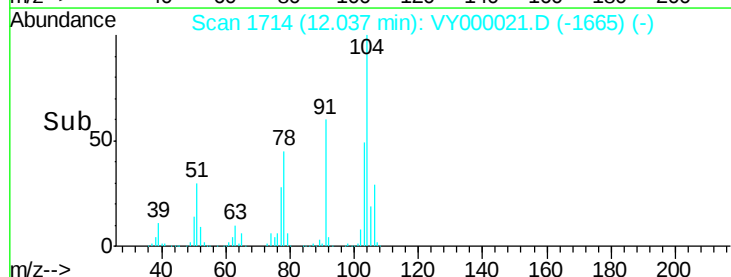
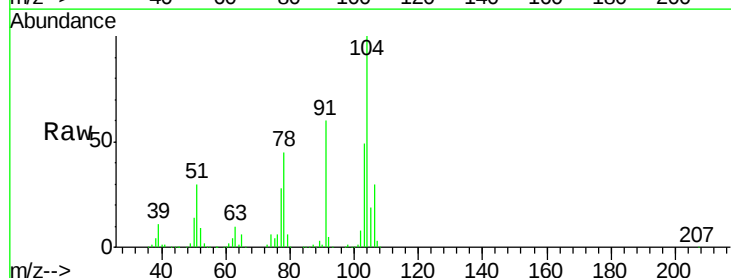
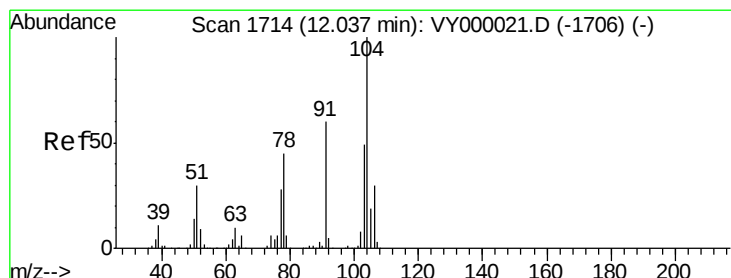
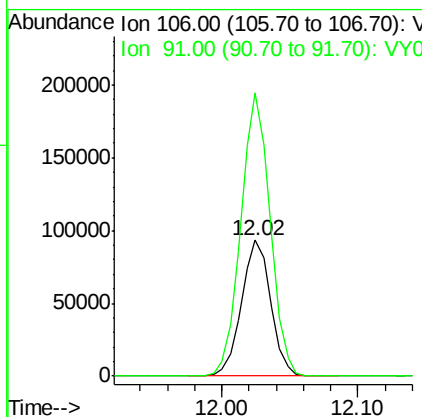
#69
o-Xylene
Concen: 49.111 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		140143		
91	208.0	104.0	312.0		

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

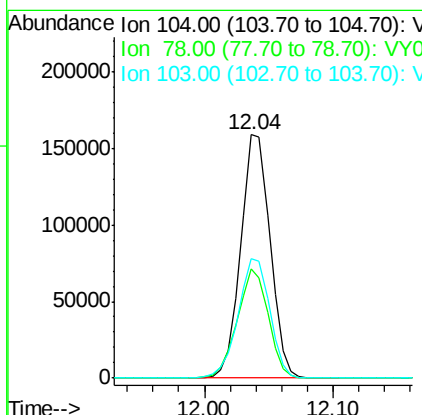
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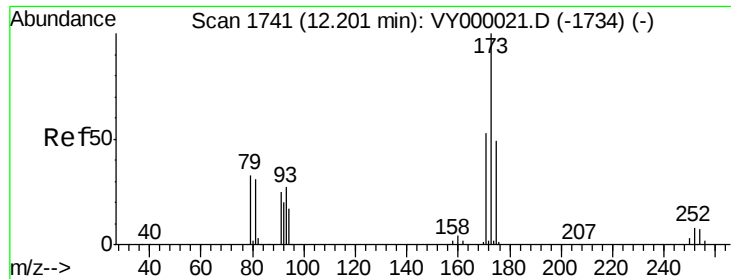
MMDadoda
9/13/2019 11:53:54 PM



#70
Styrene
Concen: 50.457 ug/l
RT: 12.04 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		250466		
78	47.5	38.0	57.0		
103	53.0	42.4	63.6		





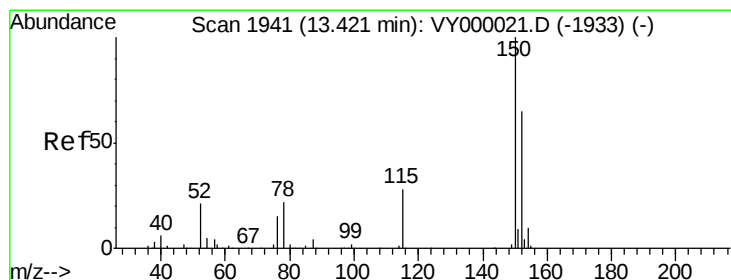
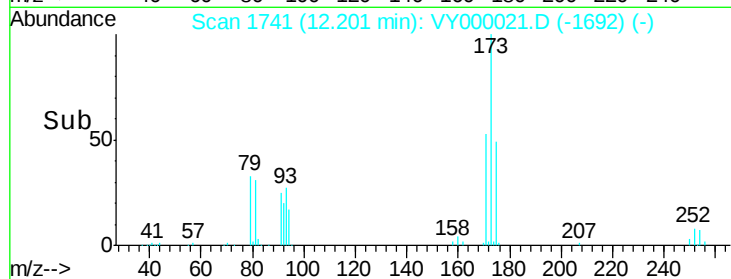
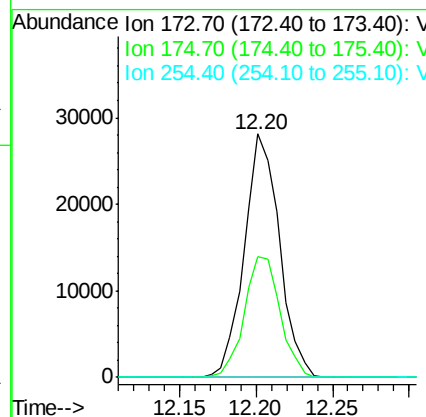
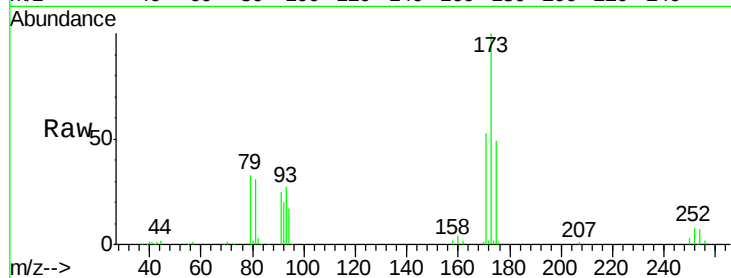
#71
Bromoform
Concen: 50.430 ug/l
RT: 12.20 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	25.1	75.4
254	0.0	0.0	0.0

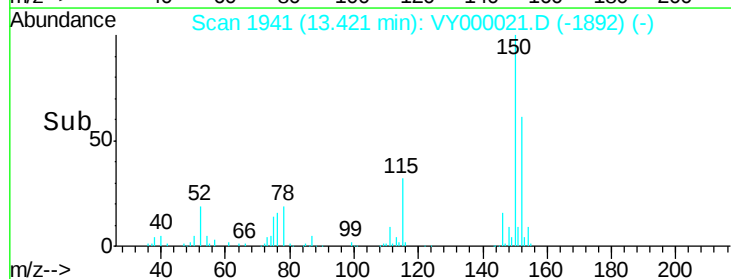
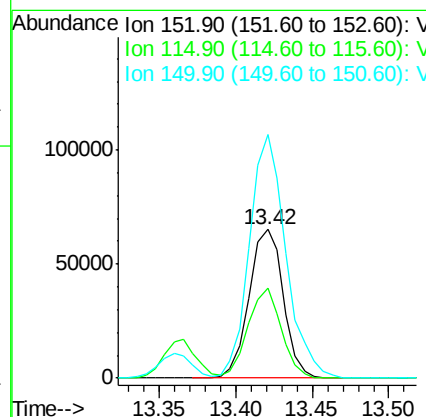
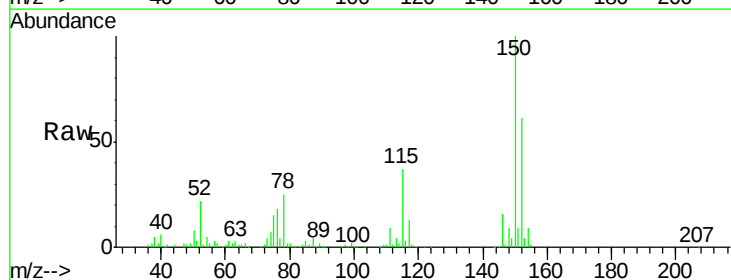
Manual Integrations
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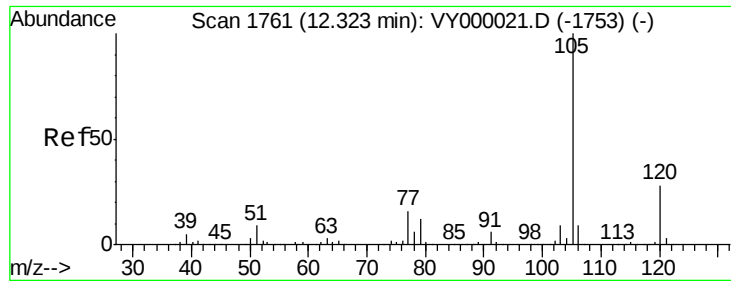
MMDadoda
9/13/2019 11:53:54 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.4	88.2
150	174.5	0.0	349.0





#73

Isopropylbenzene

Concen: 48.648 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 375981

Ion Ratio Lower Upper

105 100

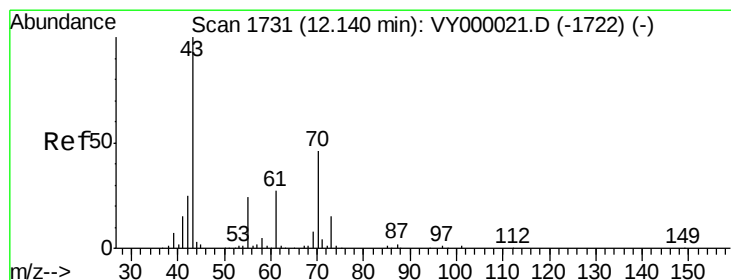
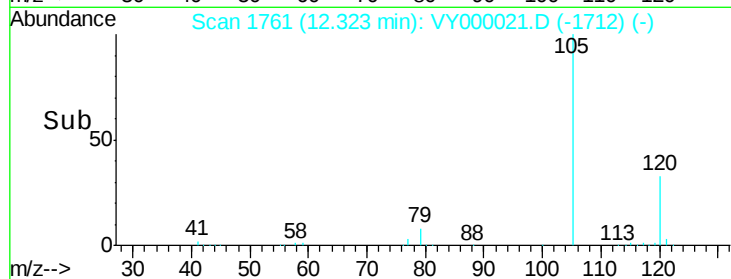
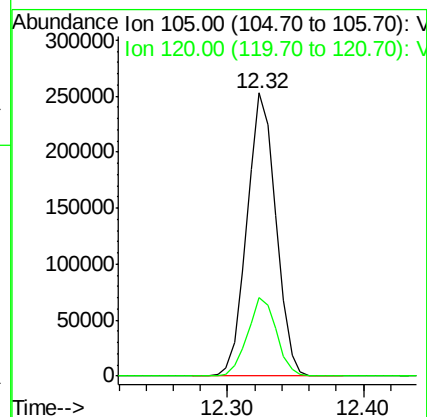
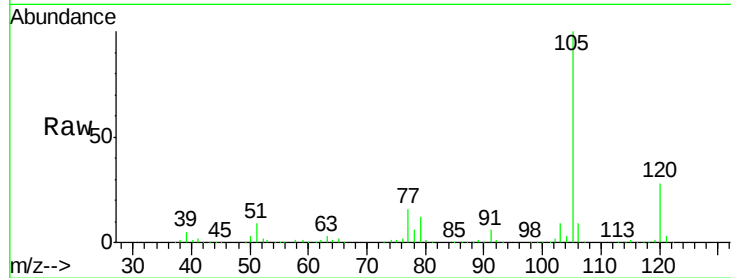
120 27.7 13.9 41.6

Manual Integrations

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9/13/2019 11:53:54 PM



#74

N-ethyl acetate

Concen: 50.936 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion: 43 Resp: 116206

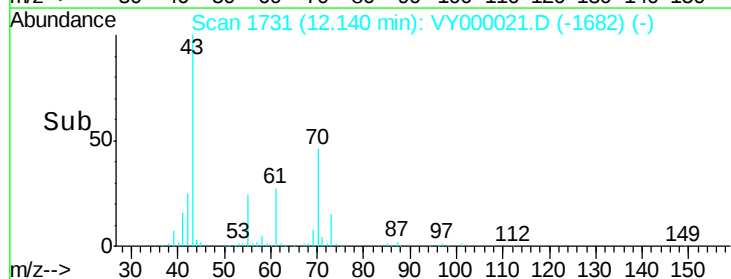
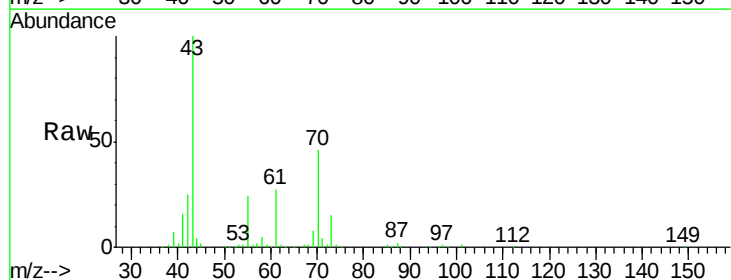
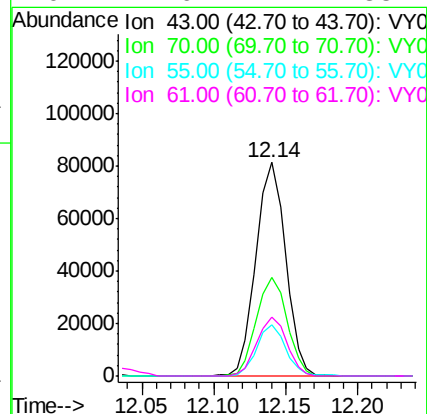
Ion Ratio Lower Upper

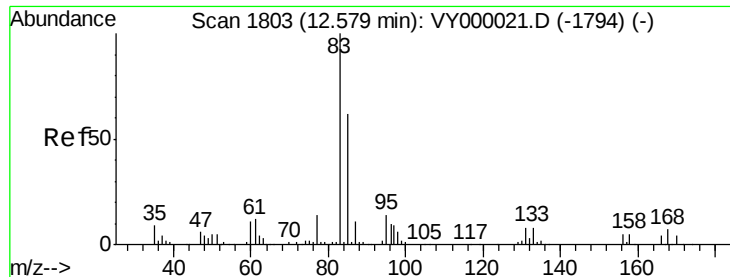
43 100

70 47.6 38.1 57.1

55 23.4 18.7 28.1

61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.903 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

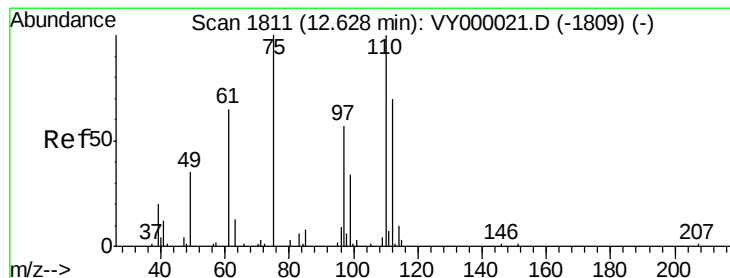
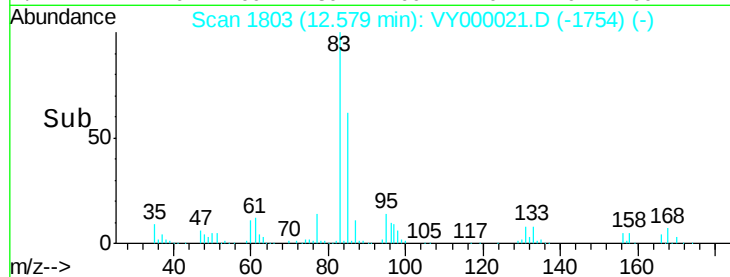
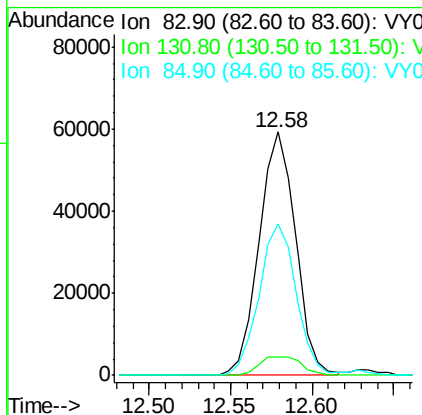
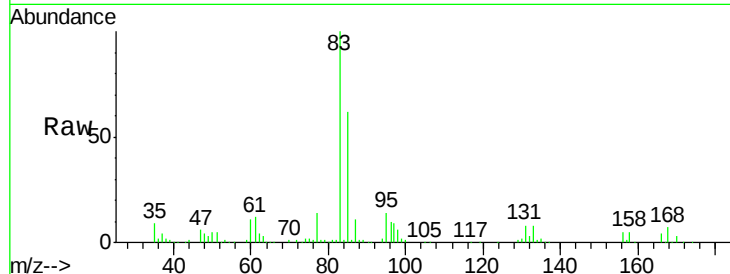
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	92214
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	63.5	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 34.581 ug/l m

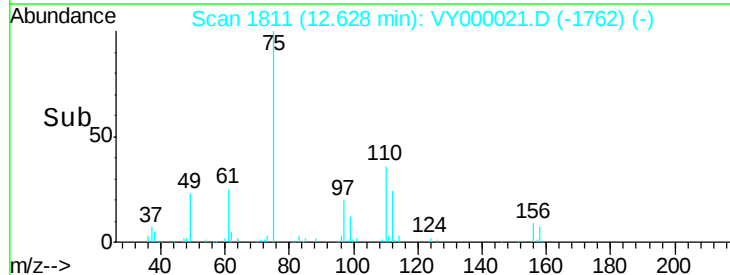
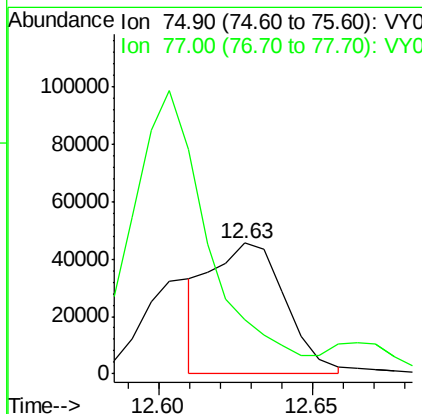
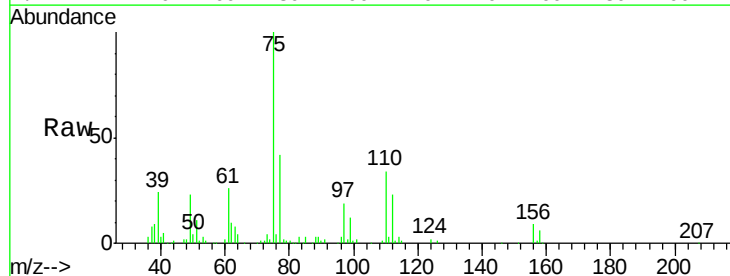
RT: 12.63 min Scan# 1811

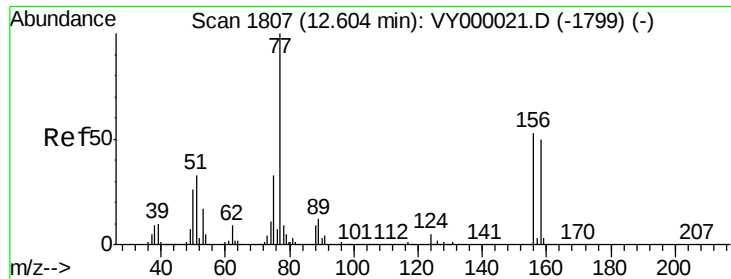
Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion:	75	Resp:	77584
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





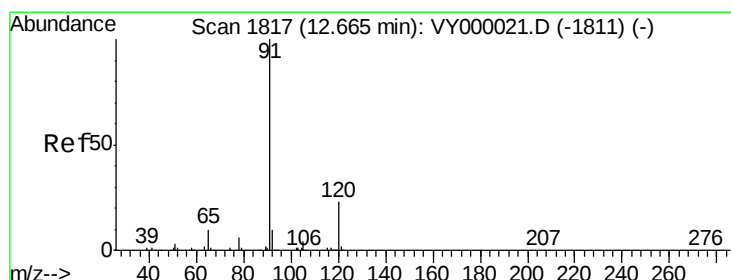
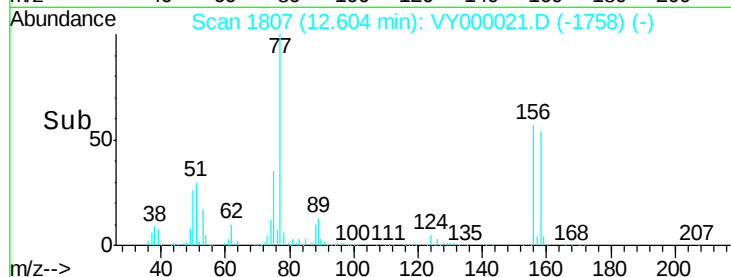
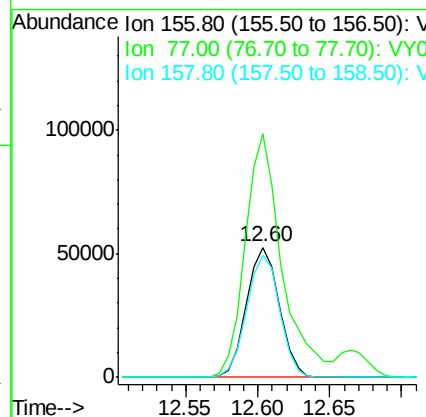
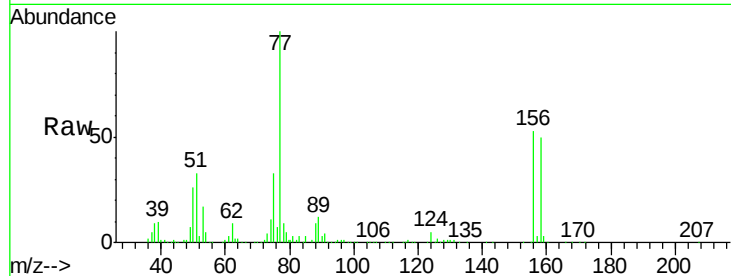
#77
Bromobenzene
Concen: 50.557 ug/l
RT: 12.60 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.9	106.0	317.9
158	94.6	47.3	141.9

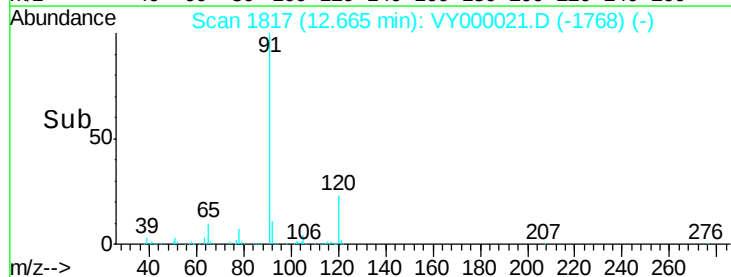
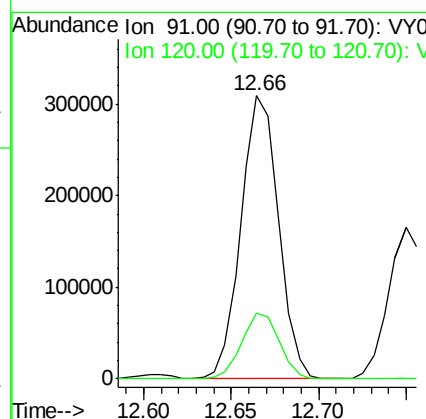
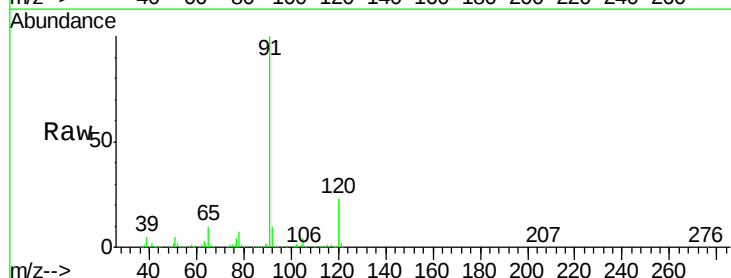
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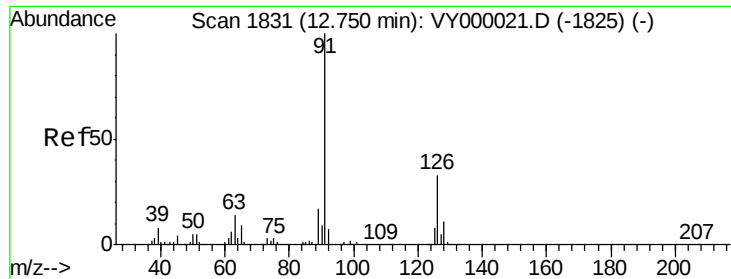
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#78
n-propylbenzene
Concen: 48.825 ug/l
RT: 12.66 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.6	34.7





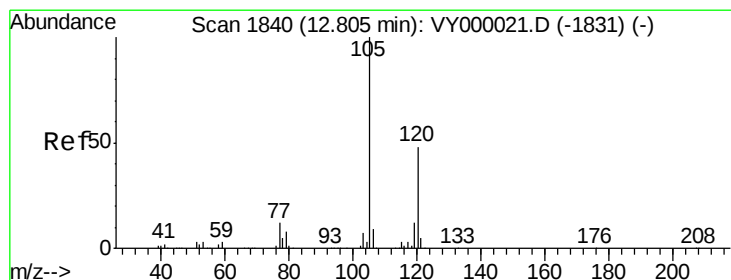
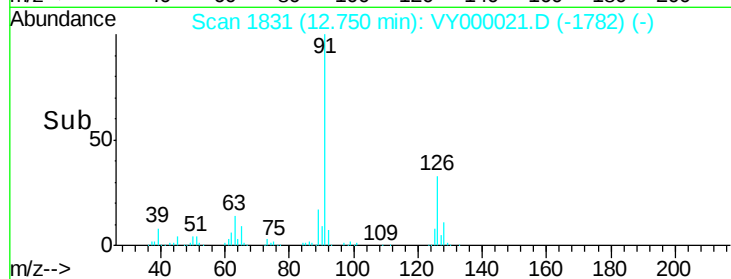
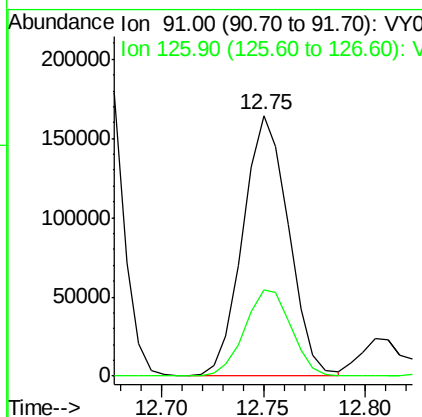
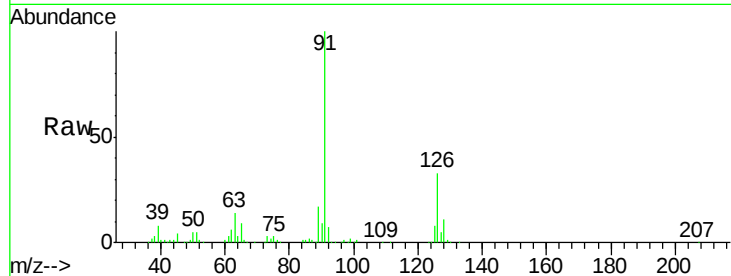
#79
2-Chlorotoluene
Concen: 48.586 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7

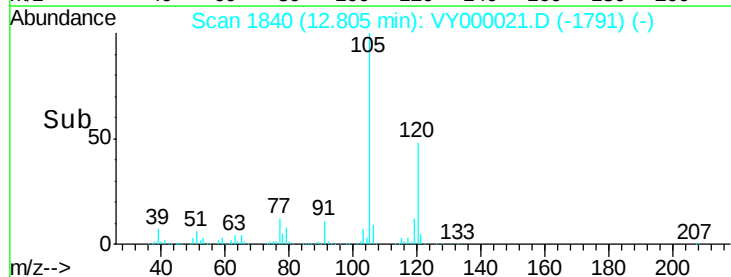
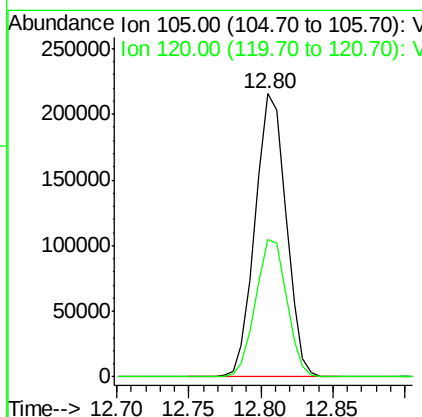
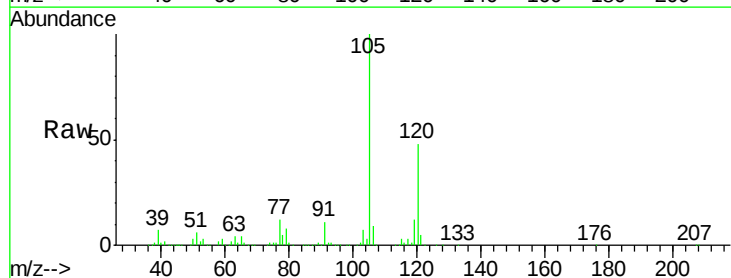
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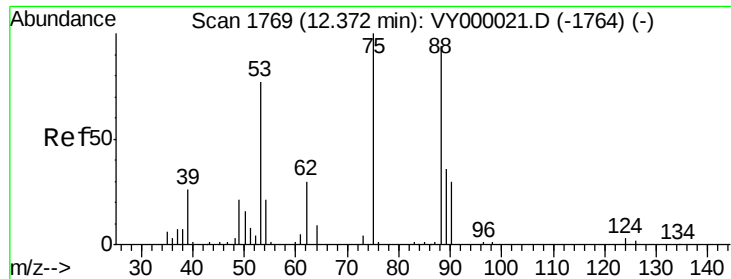
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#80
1,3,5-Trimethylbenzene
Concen: 49.623 ug/l
RT: 12.80 min Scan# 1840
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	73.0





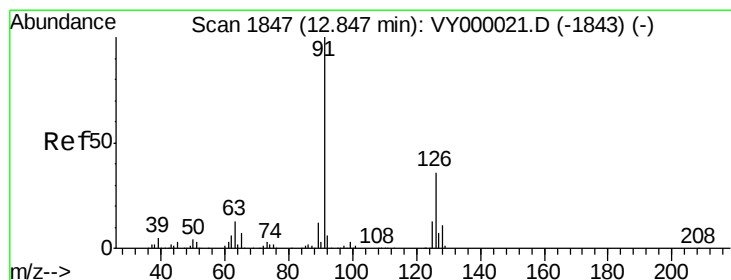
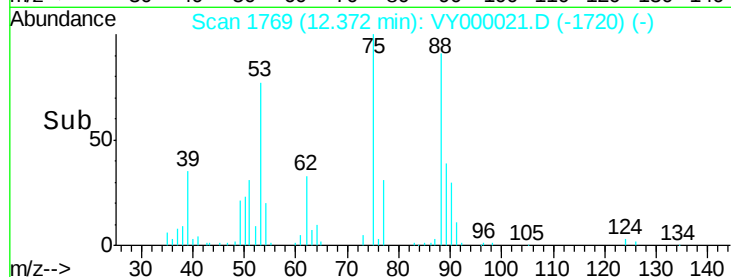
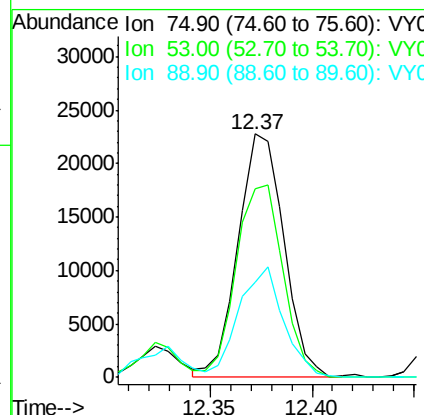
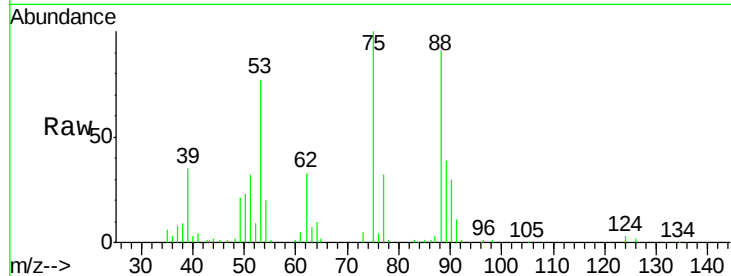
#81
trans-1,4-Dichloro-2-butene
Concen: 50.120 ug/l
RT: 12.37 min Scan# 1769
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.2	64.2	96.2
89	44.4	35.5	53.3

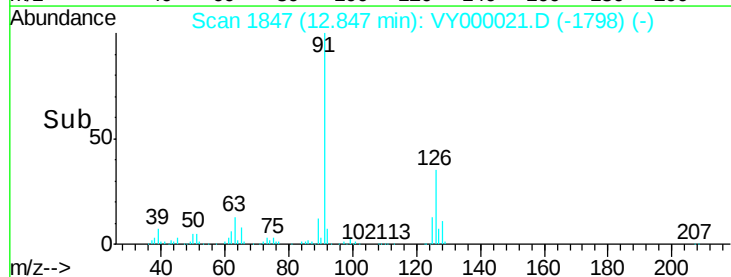
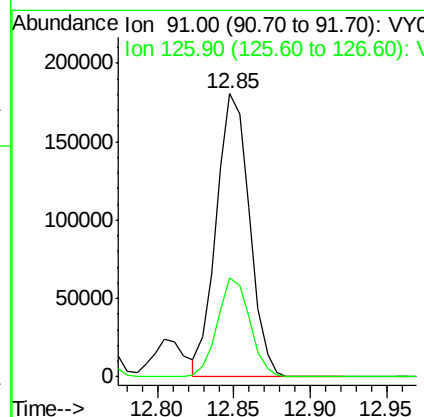
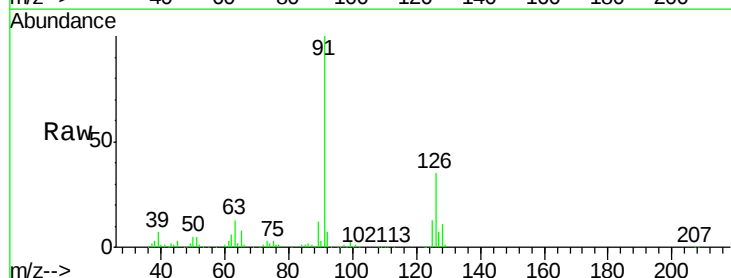
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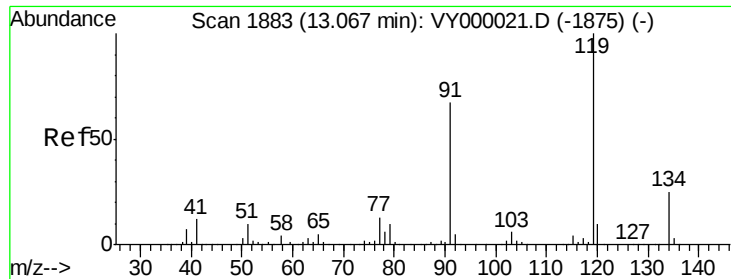
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#82
4-Chlorotoluene
Concen: 49.104 ug/l
RT: 12.85 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.2	51.5





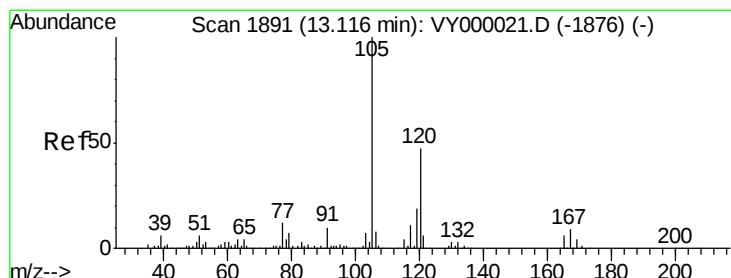
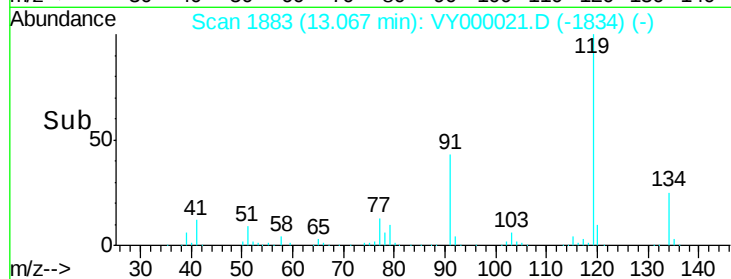
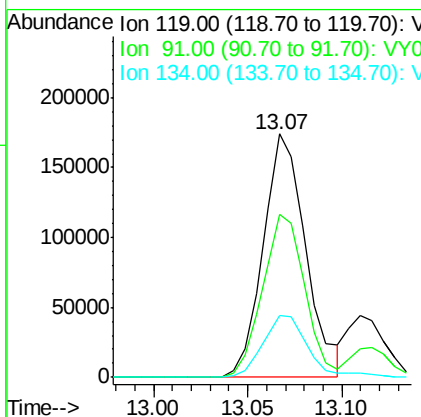
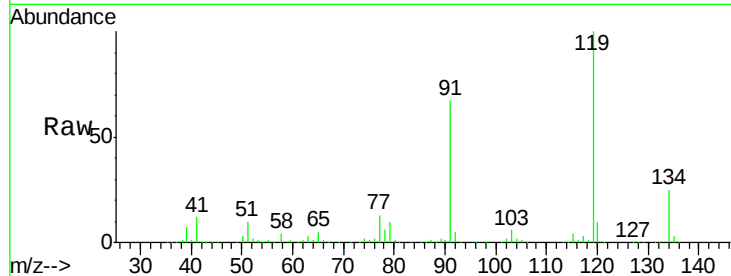
#83
tert-Butylbenzene
Concen: 49.226 ug/l
RT: 13.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	272949		
91	66.3		33.1	99.5
134	27.0		13.5	40.5

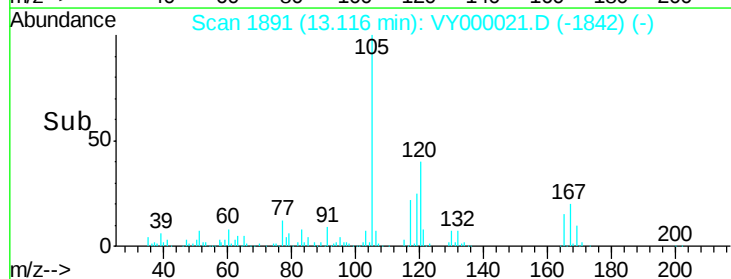
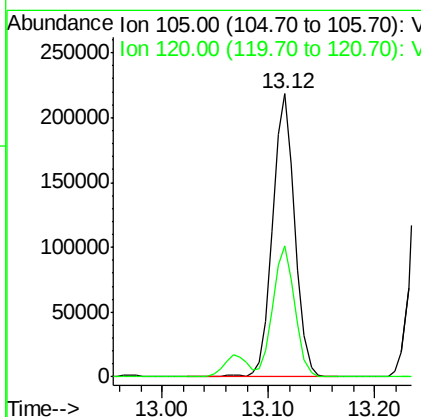
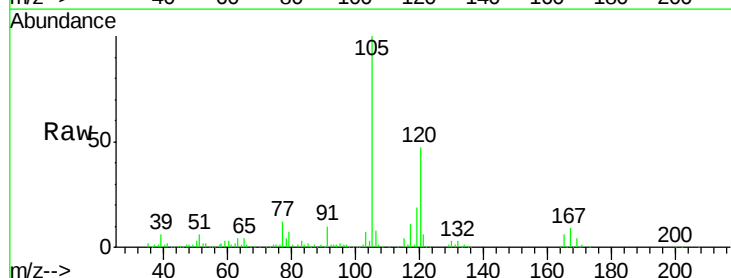
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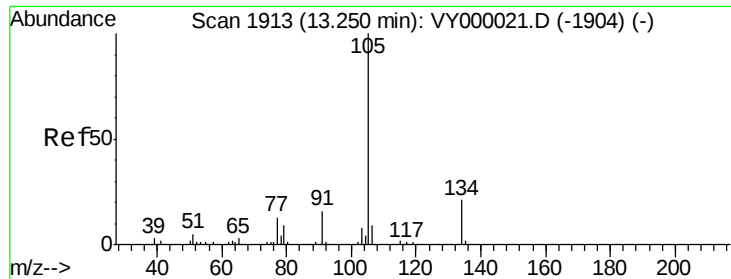
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#84
1,2,4-Trimethylbenzene
Concen: 49.689 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	316747		
120	46.2		23.1	69.3





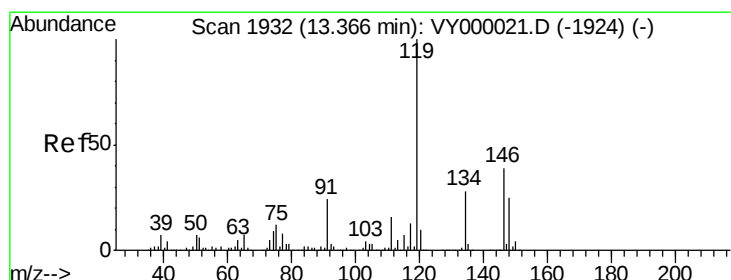
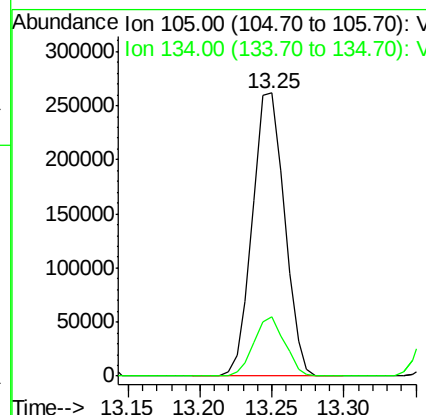
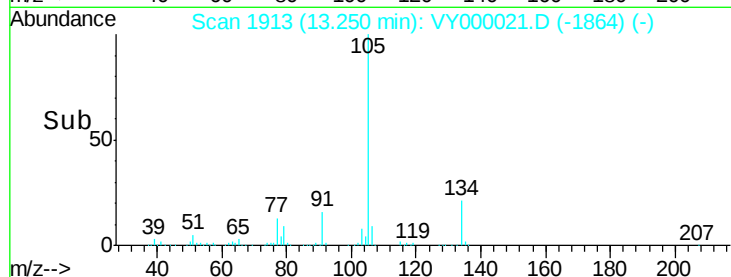
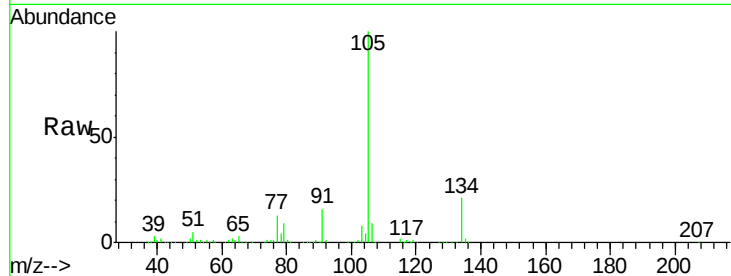
#85
 sec-Butylbenzene
 Concen: 49.230 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

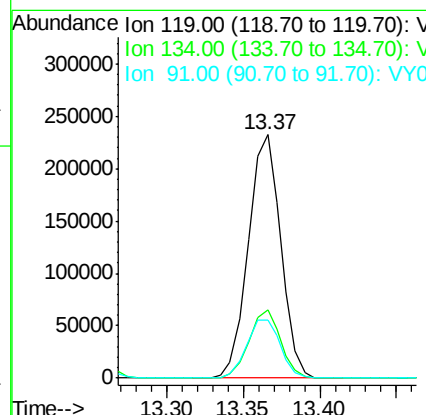
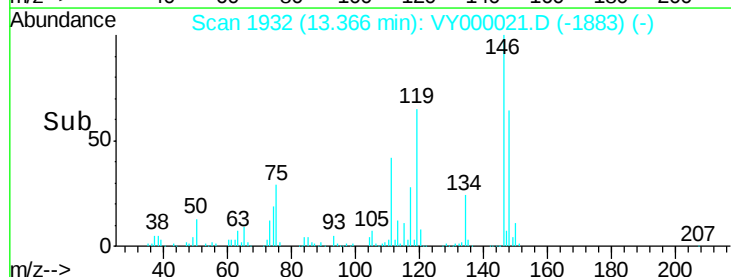
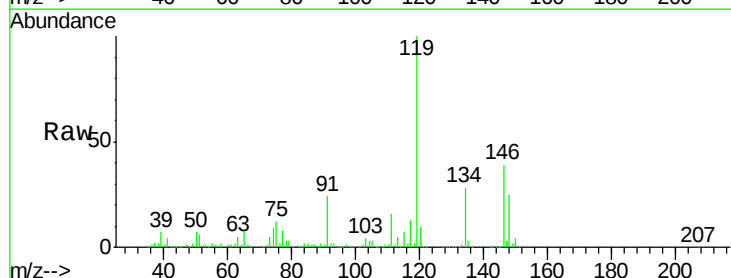
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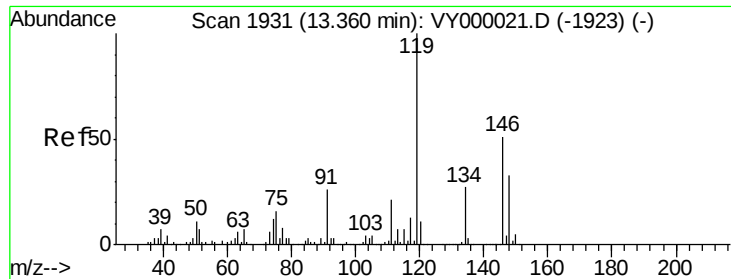
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#86
 p-Isopropyltoluene
 Concen: 49.326 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.8	41.3
91	24.8	12.4	37.2





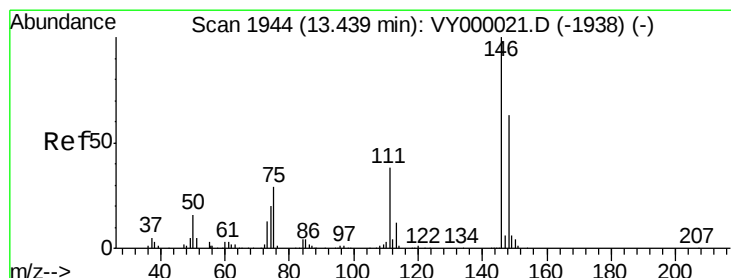
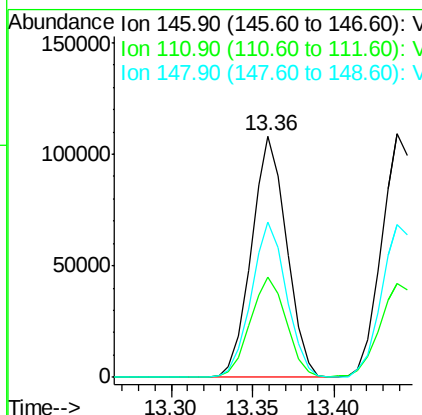
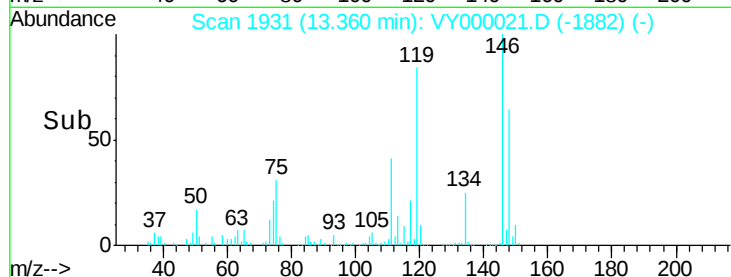
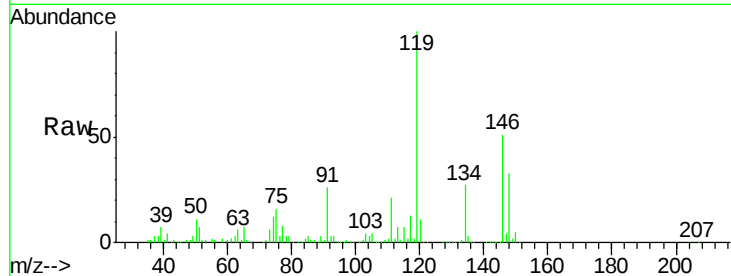
#87
 1,3-Dichlorobenzene
 Concen: 49.106 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	161578		
111	42.4	21.2	63.6	
148	64.3	32.1	96.5	

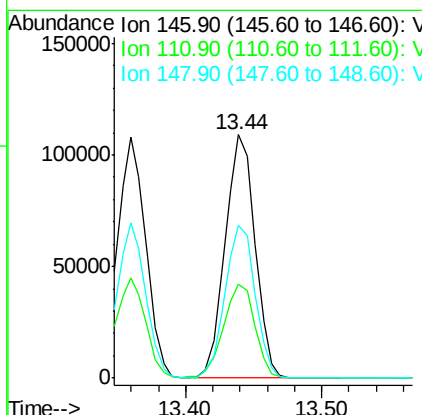
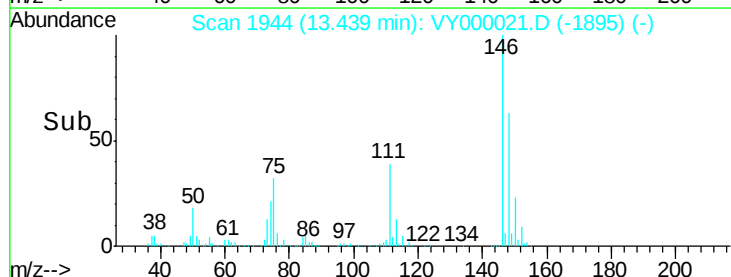
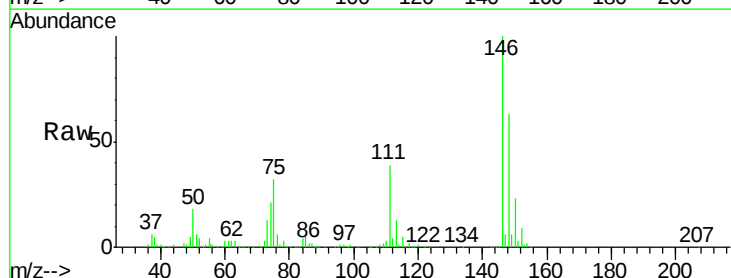
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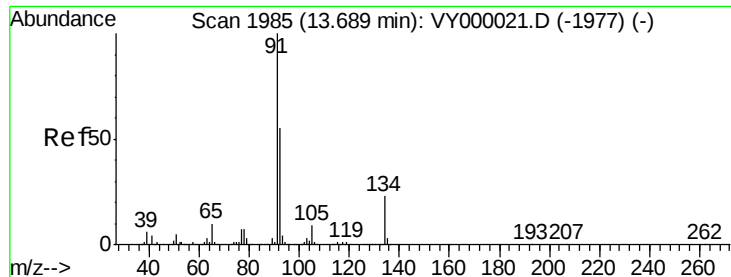
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#88
 1,4-Dichlorobenzene
 Concen: 50.306 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166573		
111	40.6	20.3	60.9	
148	63.4	31.7	95.1	





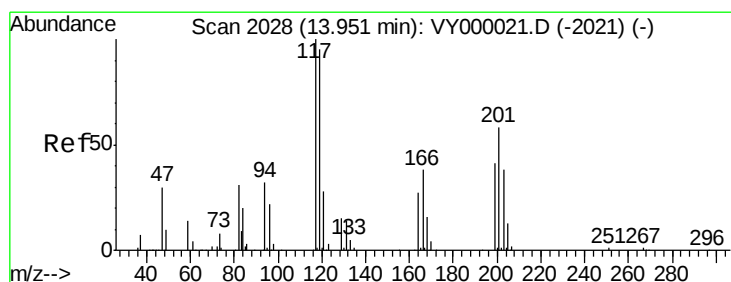
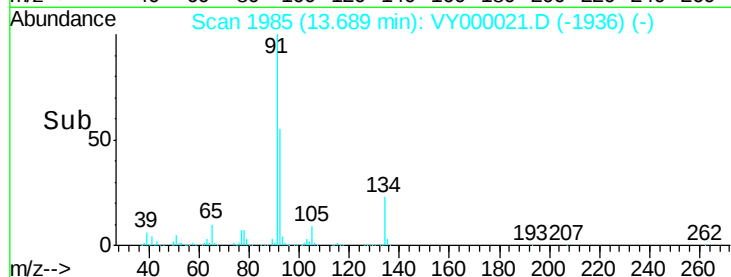
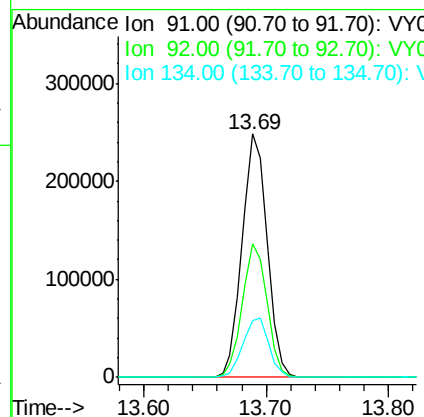
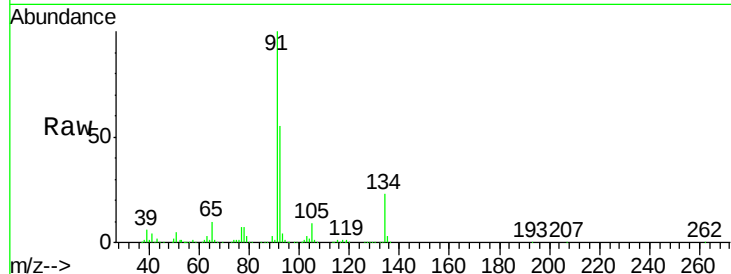
#89
n-Butylbenzene
Concen: 49.894 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	25.1	12.6	37.6

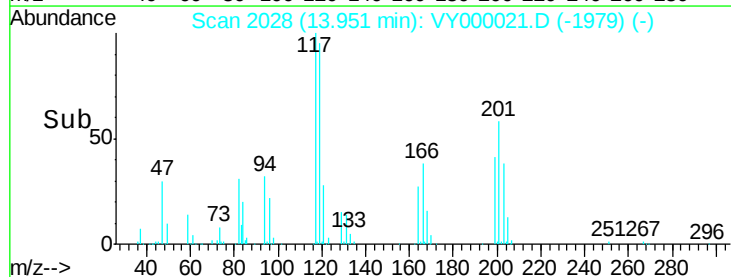
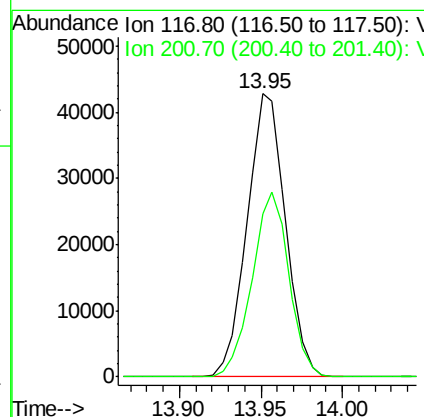
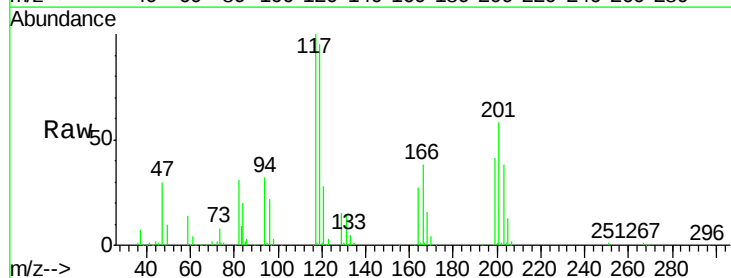
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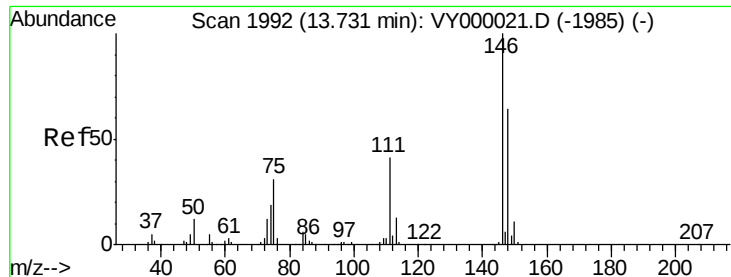
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#90
Hexachloroethane
Concen: 50.402 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.7	31.4	94.0





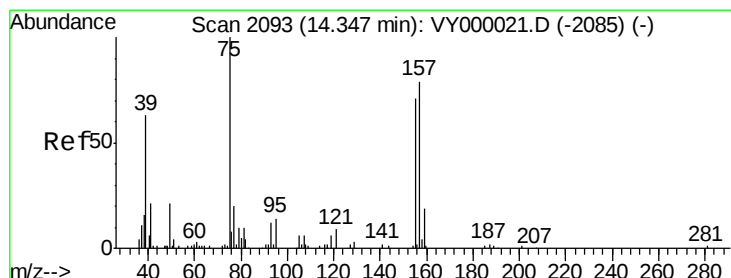
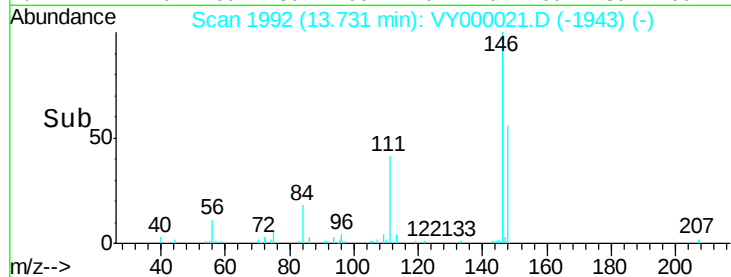
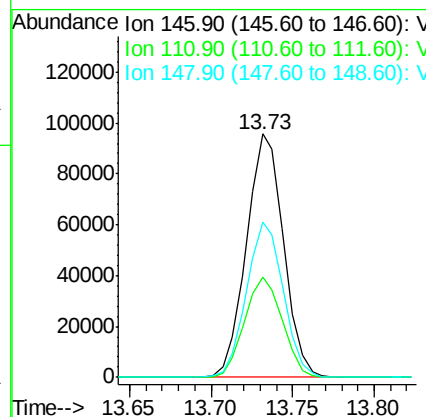
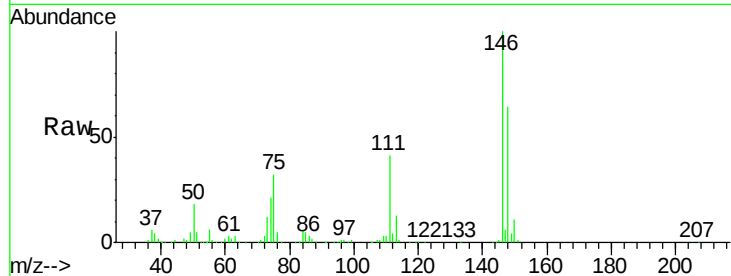
#91
 1,2-Dichlorobenzene
 Concen: 49.437 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	63.3	31.6	95.0

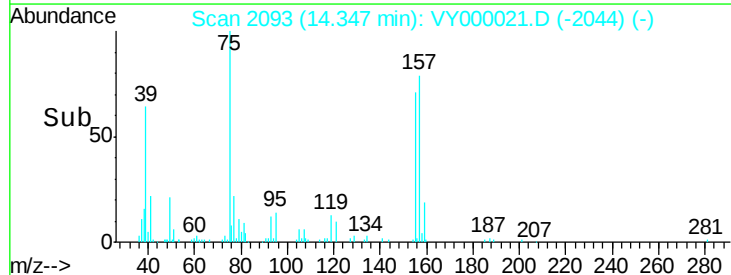
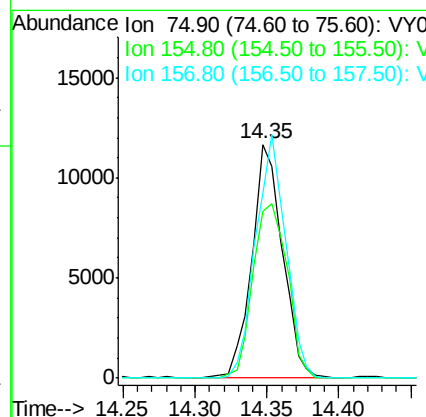
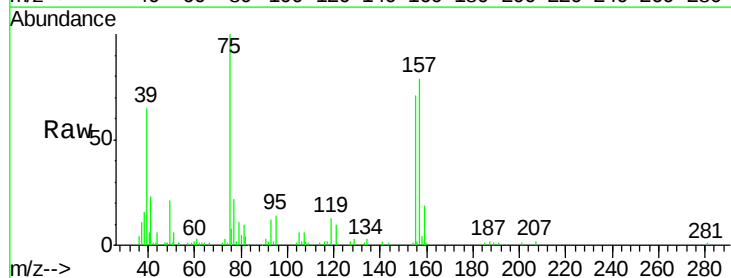
Manual Integrations
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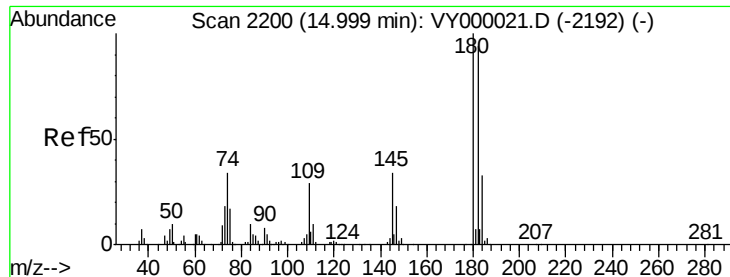
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.494 ug/l
 RT: 14.35 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	41.8	125.3
157	102.6	51.3	153.9





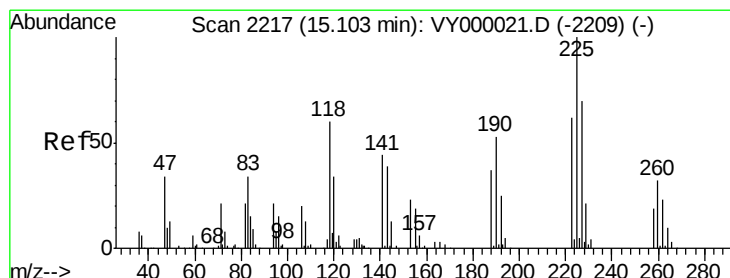
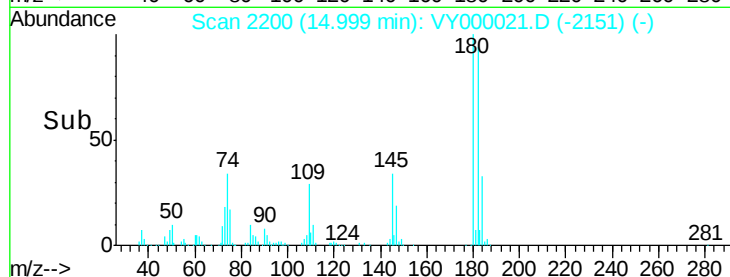
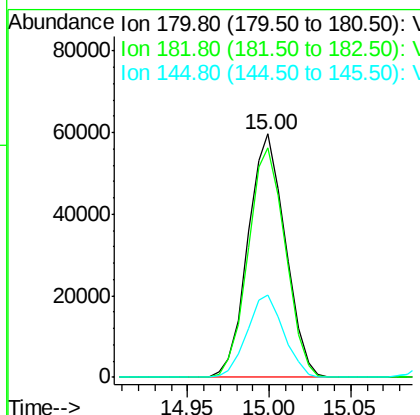
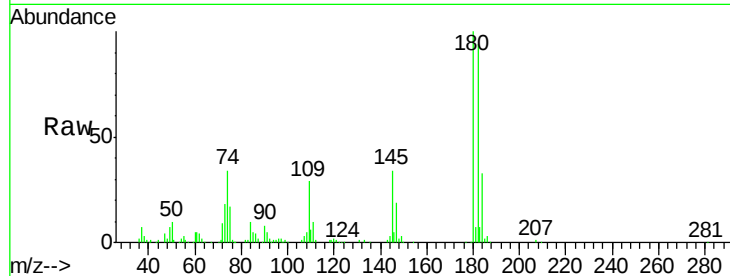
#93
 1,2,4-Trichlorobenzene
 Concen: 48.563 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.0	47.0	141.0	
145	33.4	16.7	50.1	

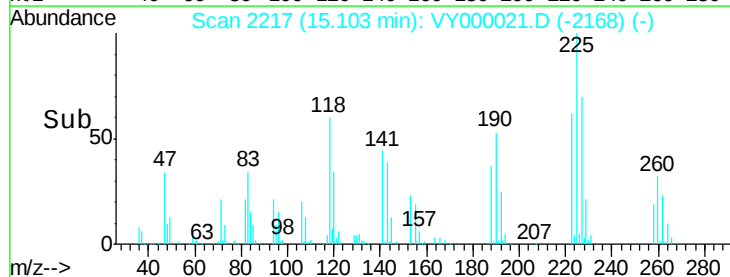
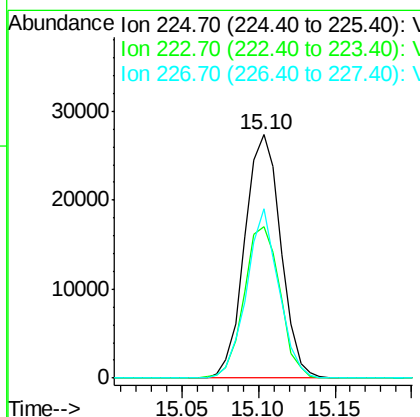
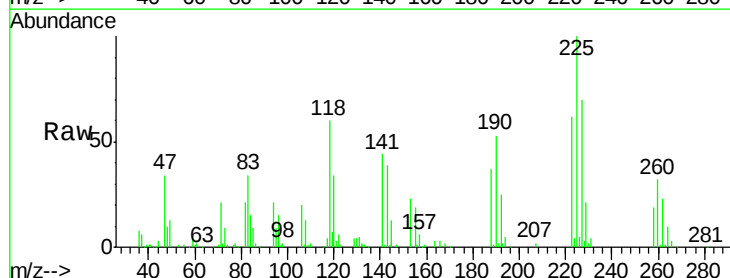
Manual Integrations
 APPROVED

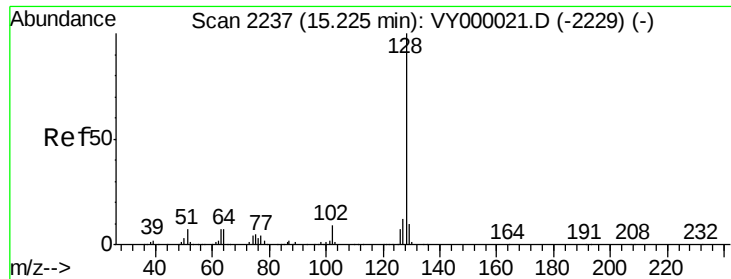
MMDadoda
 9/13/2019 11:53:54 PM



#94
 Hexachlorobutadiene
 Concen: 50.095 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	30.9	92.7	
227	62.0	31.0	93.0	





#95

Naphthalene

Concen: 50.194 ug/l

RT: 15.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

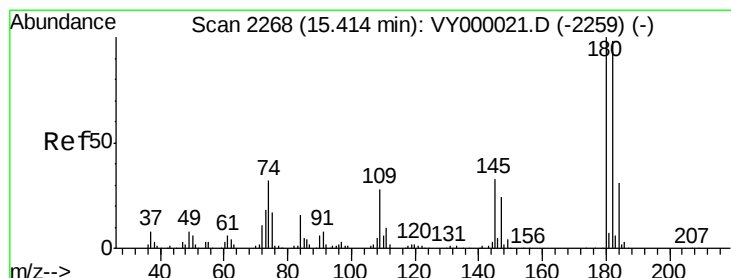
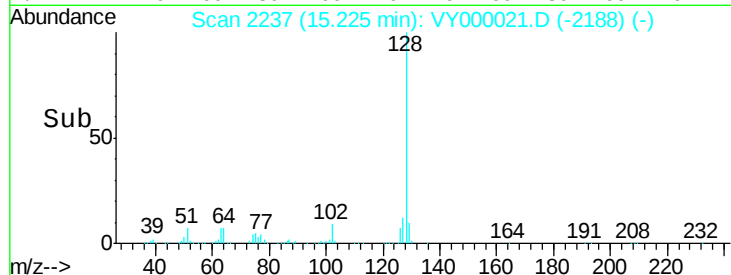
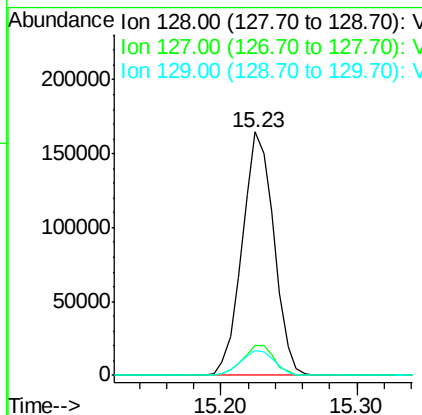
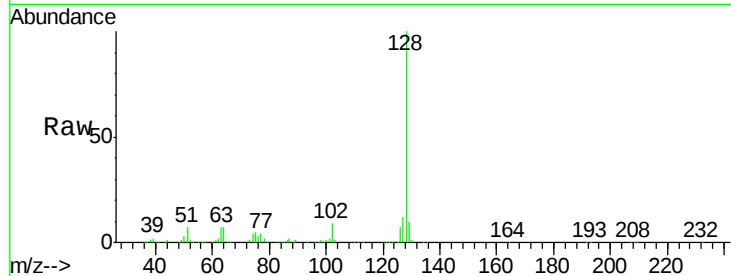
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	268315
Ion Ratio		Lower	Upper
128	100		
127	12.3	9.8	14.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
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#96

1,2,3-Trichlorobenzene

Concen: 50.654 ug/l

RT: 15.41 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion:	180	Resp:	88849
Ion Ratio		Lower	Upper
180	100		
182	93.6	46.8	140.4
145	34.5	17.3	51.7

