

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002301.D
 Acq On : 14 Apr 2020 12:28
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2020 9:38:20 AM

Quant Time: Apr 15 06:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	170556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	304967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	272941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	125829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	78005	41.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.26%	
35) Dibromofluoromethane	7.73	113	82159	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.18	98	346481	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.49	95	113387	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31270	18.141	ug/l	95
3) Chloromethane	2.12	50	40335	18.592	ug/l	98
4) Vinyl Chloride	2.26	62	42401	18.363	ug/l	98
5) Bromomethane	2.65	94	27463	19.260	ug/l	98
6) Chloroethane	2.79	64	24198	18.171	ug/l	92
7) Trichlorofluoromethane	3.13	101	56439	18.926	ug/l	97
8) Diethyl Ether	3.54	74	24838	19.592	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39979	19.736	ug/l	99
10) Methyl Iodide	4.10	142	42480	18.041	ug/l	98
11) Tert butyl alcohol	4.97	59	22194	88.168	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	40812	19.817	ug/l	90
13) Acrolein	3.74	56	19516	79.802	ug/l	99
14) Allyl chloride	4.49	41	57977	17.434	ug/l	97
15) Acrylonitrile	5.18	53	57920	89.342	ug/l	100
16) Acetone	3.96	43	45297	90.674	ug/l	94
17) Carbon Disulfide	4.20	76	132725	19.406	ug/l	97
18) Methyl Acetate	4.49	43	27260	17.592	ug/l	93
19) Methyl tert-butyl Ether	5.24	73	100449	18.553	ug/l	98
20) Methylene Chloride	4.72	84	47945	19.526	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	45302	19.598	ug/l	96
22) Diisopropyl ether	6.13	45	122598	18.318	ug/l	98
23) Vinyl Acetate	6.07	43	375213	87.976	ug/l	98
24) 1,1-Dichloroethane	6.03	63	72964	19.167	ug/l	97
25) 2-Butanone	7.00	43	68584	86.752	ug/l	97
26) 2,2-Dichloropropane	6.99	77	58886	18.492	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	48768	19.354	ug/l	96
28) Bromochloromethane	7.35	49	31179	18.974	ug/l	94
29) Tetrahydrofuran	7.36	42	44021	84.236	ug/l	97
30) Chloroform	7.52	83	68555	19.105	ug/l	98
31) Cyclohexane	7.79	56	73794	18.468	ug/l #	89
32) 1,1,1-Trichloroethane	7.71	97	56748	19.000	ug/l	99
36) 1,1-Dichloropropene	7.93	75	58502	19.475	ug/l	99
37) Ethyl Acetate	7.08	43	29933	17.443	ug/l	96
38) Carbon Tetrachloride	7.91	117	49605	19.306	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	78116	19.117	ug/l	93
40) Benzene	8.17	78	179443	19.689	ug/l	98
41) Methacrylonitrile	7.33	41	15978m	15.783	ug/l	
42) 1,2-Dichloroethane	8.24	62	41073	18.193	ug/l	97
43) Isopropyl Acetate	8.28	43	53495	17.093	ug/l	98
44) Trichloroethene	8.94	130	51287	19.141	ug/l	91
45) 1,2-Dichloropropane	9.22	63	43392	19.189	ug/l	100
46) Dibromomethane	9.31	93	22429	18.970	ug/l	97
47) Bromodichloromethane	9.50	83	52007	19.170	ug/l	99
48) Methyl methacrylate	9.30	41	24584	17.518	ug/l	96
49) 1,4-Dioxane	9.31	88	6357	380.095	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	148314	90.944	ug/l	99
52) Toluene	10.25	92	108657	19.783	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	55283	18.703	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	67057	18.870	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	33230	19.197	ug/l	98
56) Ethyl methacrylate	10.52	69	46448	18.801	ug/l	93
57) 1,3-Dichloropropane	10.80	76	56949	18.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	117192	91.602	ug/l	99
59) 2-Hexanone	10.83	43	98527	87.050	ug/l	98
60) Dibromochloromethane	10.99	129	35459	19.211	ug/l	98
61) 1,2-Dibromoethane	11.10	107	31062	18.849	ug/l	99
64) Tetrachloroethene	10.72	164	54127	19.615	ug/l	98
65) Chlorobenzene	11.52	112	111856	19.715	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	37048	19.778	ug/l	99
67) Ethyl Benzene	11.60	91	205283	19.764	ug/l	99
68) m/p-Xylenes	11.70	106	154337	39.673	ug/l	99
69) o-Xylene	12.03	106	71727	19.639	ug/l	99
70) Styrene	12.05	104	124385	19.630	ug/l	98
71) Bromoform	12.21	173	19335	18.981	ug/l #	99
73) Isopropylbenzene	12.33	105	192995	19.524	ug/l	99
74) N-amyl acetate	12.15	43	48258	17.198	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	24476	20.465	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	24971m	17.090	ug/l	
77) Bromobenzene	12.61	156	42419	19.504	ug/l	95
78) n-propylbenzene	12.67	91	236705	19.253	ug/l	99
79) 2-Chlorotoluene	12.76	91	129232	19.342	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	159053	19.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14156	18.844	ug/l	96
82) 4-Chlorotoluene	12.86	91	133031	18.997	ug/l	98
83) tert-Butylbenzene	13.08	119	132332	19.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	159685	19.560	ug/l	100
85) sec-Butylbenzene	13.26	105	198558	19.464	ug/l	100
86) p-Isopropyltoluene	13.38	119	172486	19.646	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	83334	19.771	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	82606	19.307	ug/l	99
89) n-Butylbenzene	13.70	91	173187	19.244	ug/l	99
90) Hexachloroethane	13.97	117	31945	19.094	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	74536	19.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5231	18.084	ug/l	99

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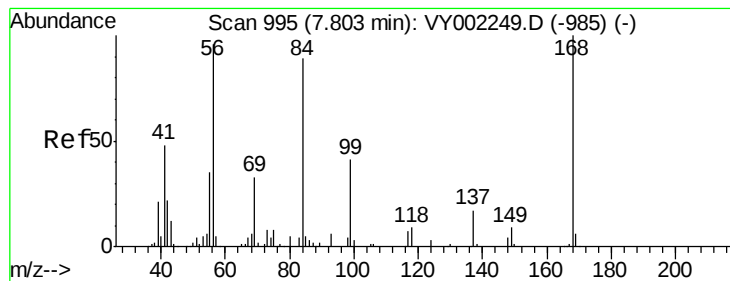
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47155	18.837	ug/l	99
94) Hexachlorobutadiene	15.12	225	24578	19.493	ug/l	100
95) Naphthalene	15.24	128	99571	18.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	39855	18.335	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion:168 Resp: 170556

Ion Ratio Lower Upper

168 100

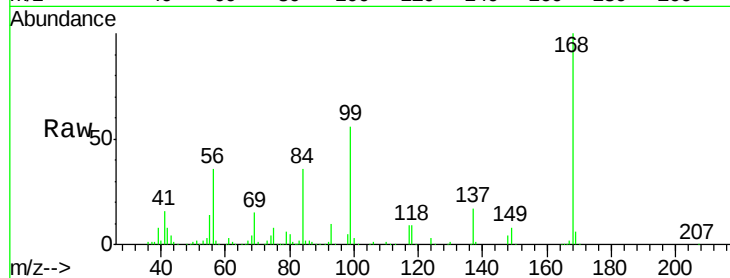
99 55.7 48.0 72.0

Manual Integrations

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

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

7.80

80000

60000

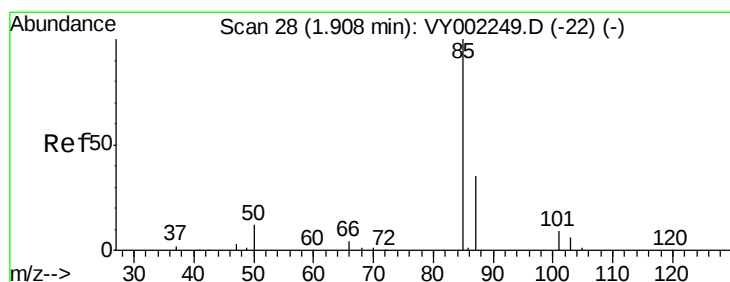
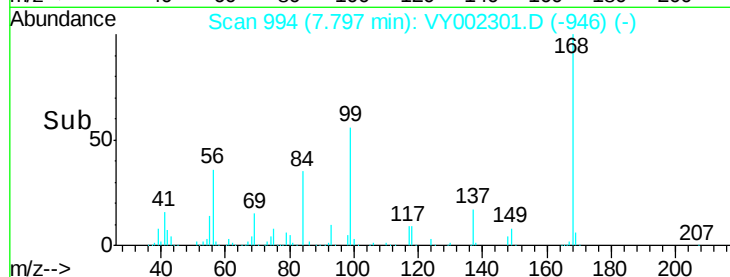
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.141 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002301.D

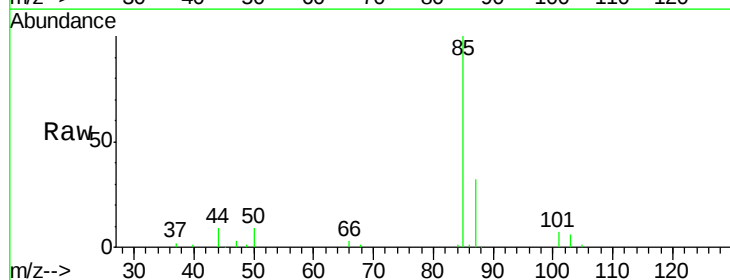
Acq: 14 Apr 2020 12:28

Tgt Ion: 85 Resp: 31270

Ion Ratio Lower Upper

85 100

87 31.7 17.3 51.9



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

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

1.91

25000

20000

15000

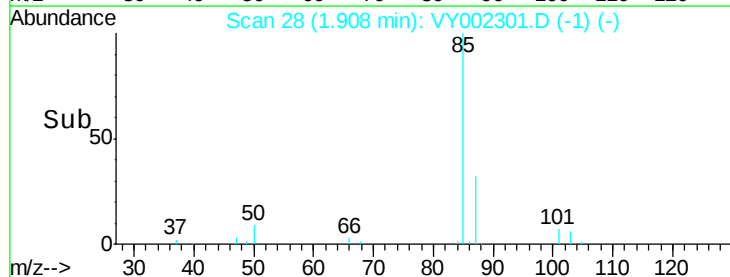
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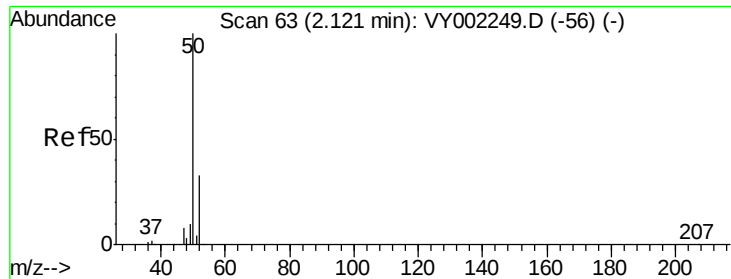
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.592 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 50 Resp: 40335

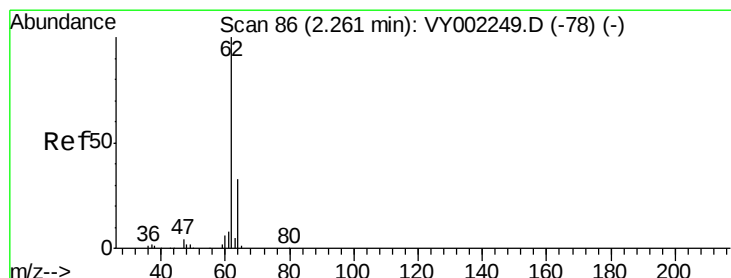
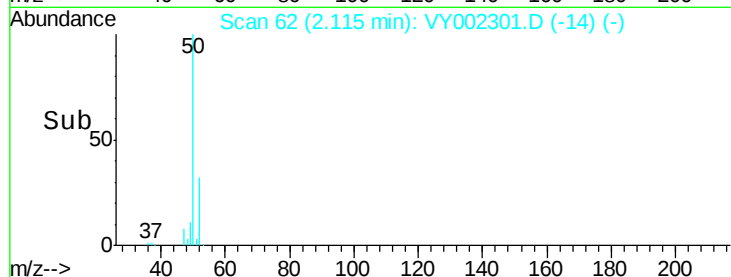
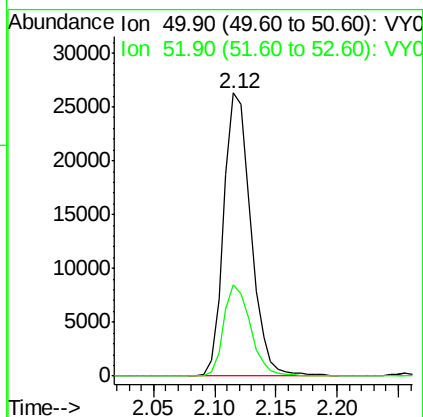
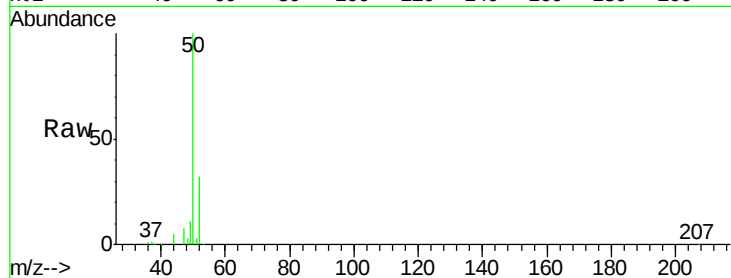
Ion Ratio Lower Upper

50 100

52 32.3 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.363 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002301.D

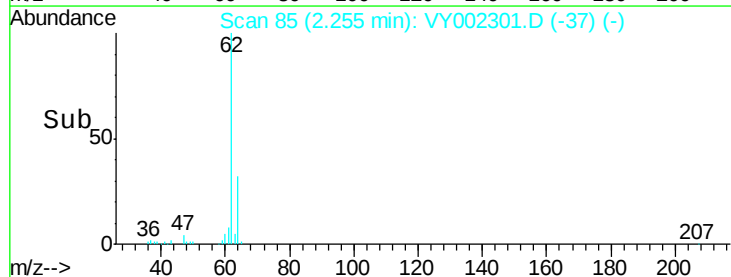
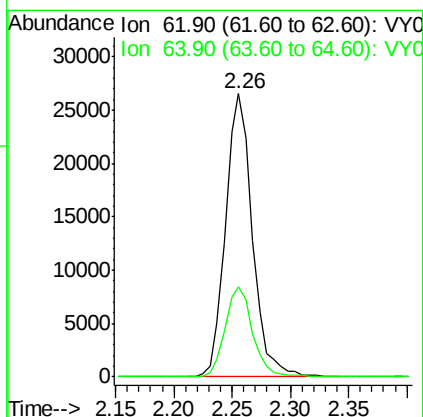
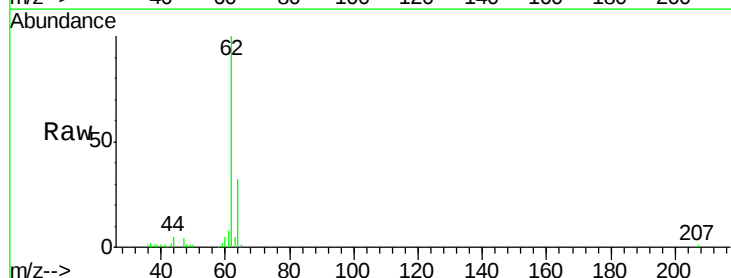
Acq: 14 Apr 2020 12:28

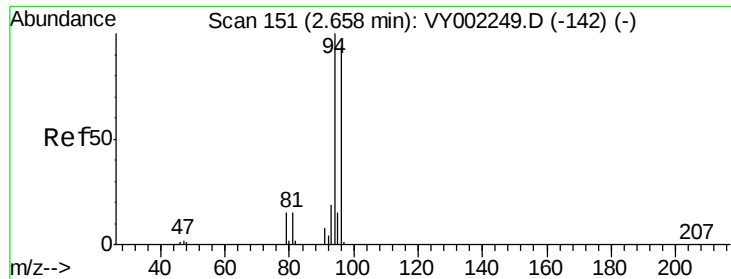
Tgt Ion: 62 Resp: 42401

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2





#5

Bromomethane

Concen: 19.260 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 94 Resp: 27463

Ion Ratio Lower Upper

94 100

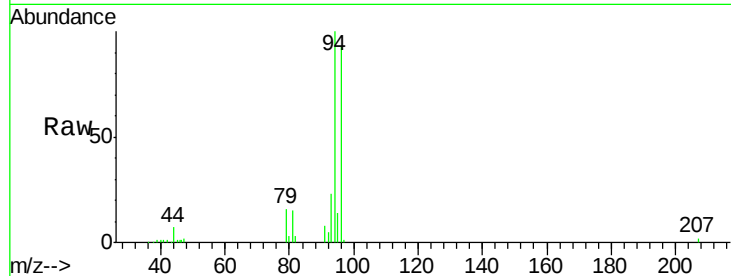
96 92.5 75.6 113.4

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

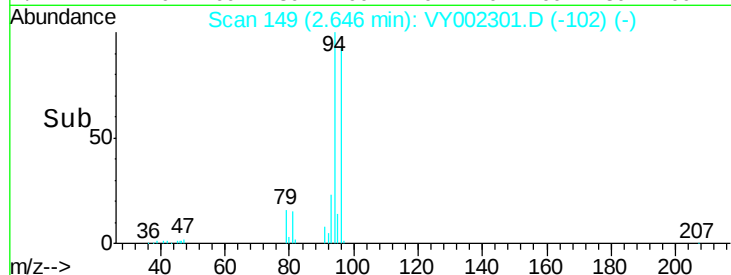
15000

10000

5000

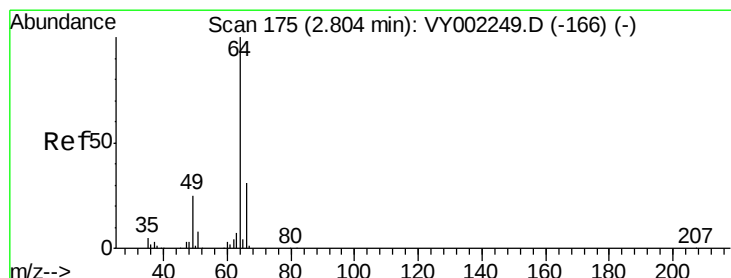
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Time-->



2.65

2.70



#6

Chloroethane

Concen: 18.171 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002301.D

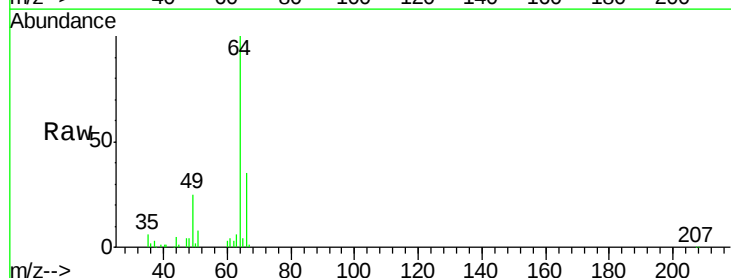
Acq: 14 Apr 2020 12:28

Tgt Ion: 64 Resp: 24198

Ion Ratio Lower Upper

64 100

66 35.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

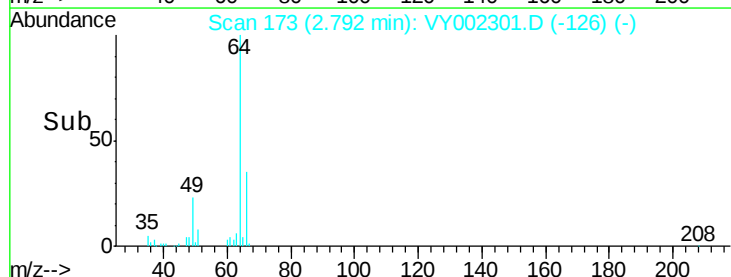
Ion 65.90 (65.60 to 66.60): VY0

10000

5000

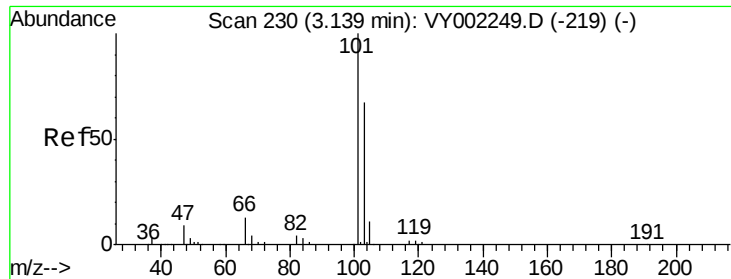
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Time-->



2.79

2.90



#7

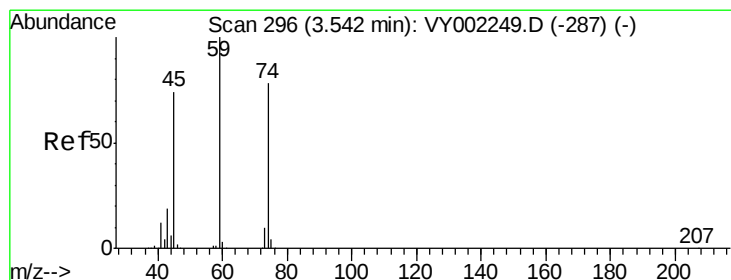
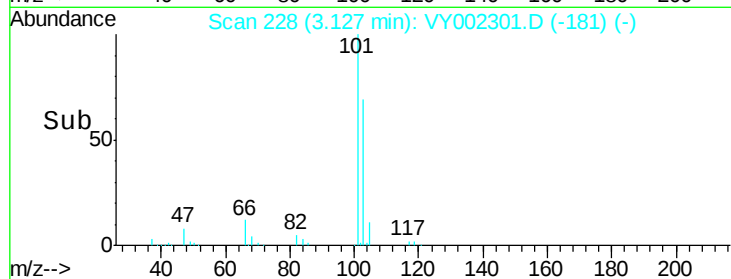
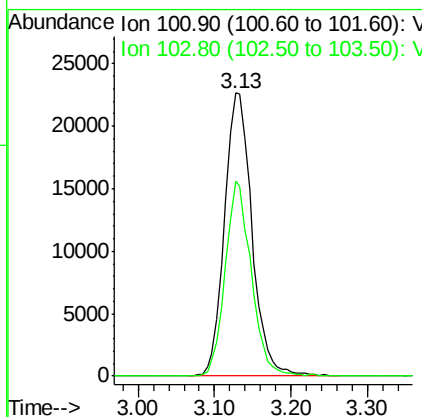
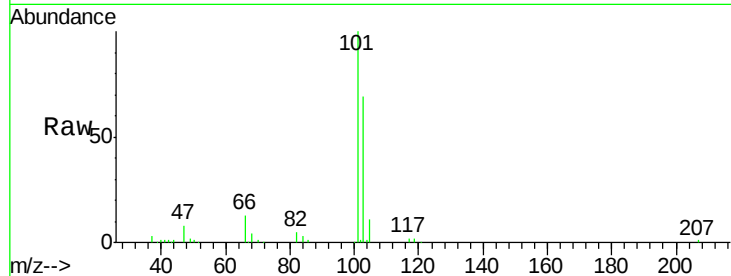
Trichlorofluoromethane
Concen: 18.926 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

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ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.0	53.3	79.9

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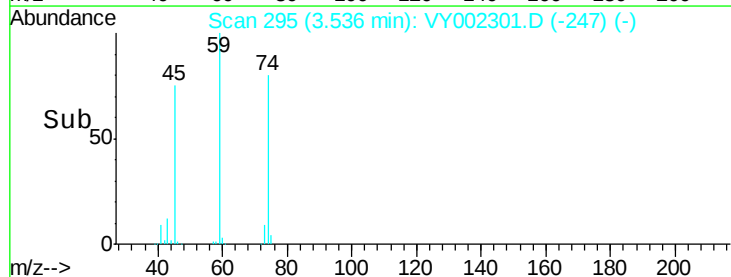
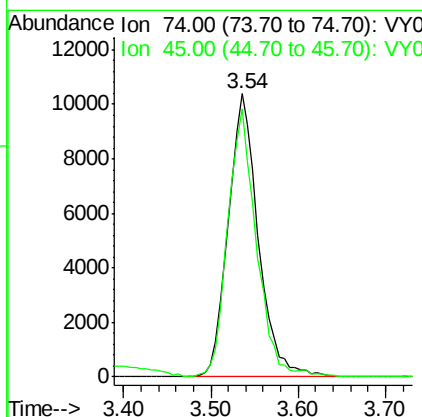
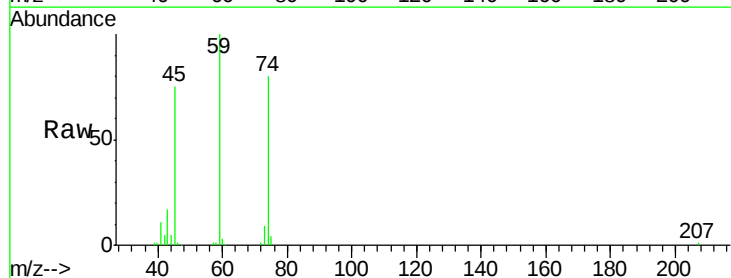
MMDadoda
4/15/2020 9:38:20 AM

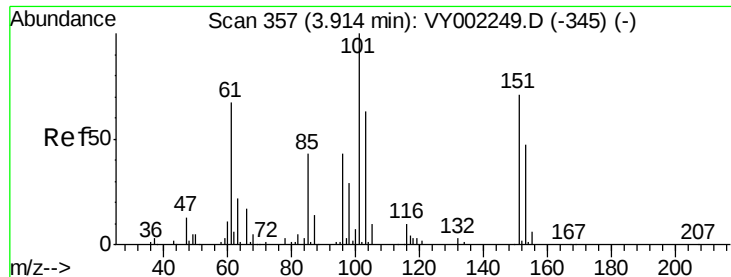


#8

Diethyl Ether
Concen: 19.592 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.736 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

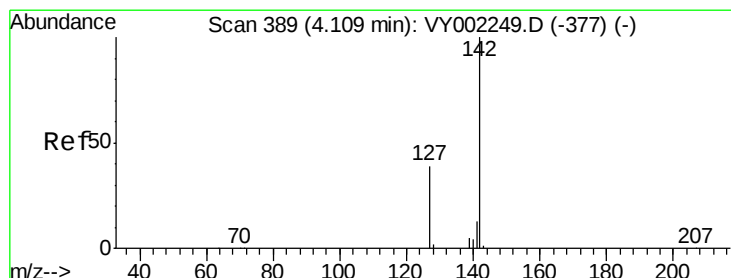
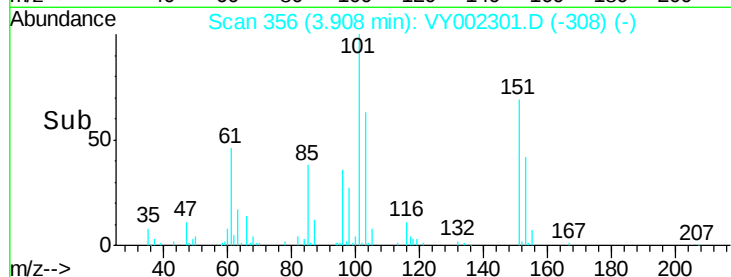
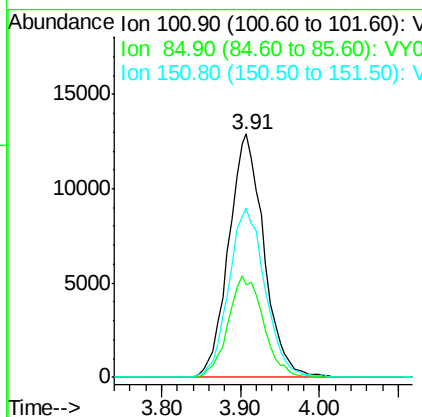
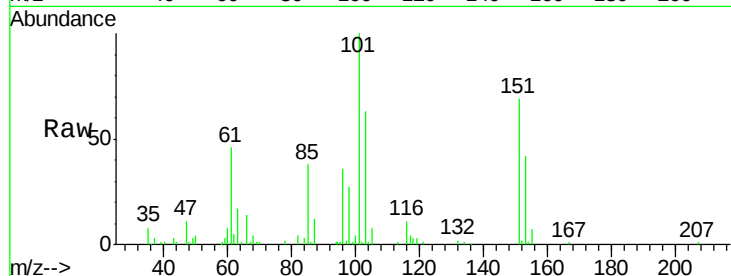
ClientSampleId :

VY0414SBS01

Tot Ion:	101	Resp:	39979
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.6	52.0
151	71.9	57.6	86.4

Manual Integrations
APPROVED

MMDadoda
4/15/2020 9:38:20 AM



#10

Methyl Iodide

Concen: 18.041 ug/l

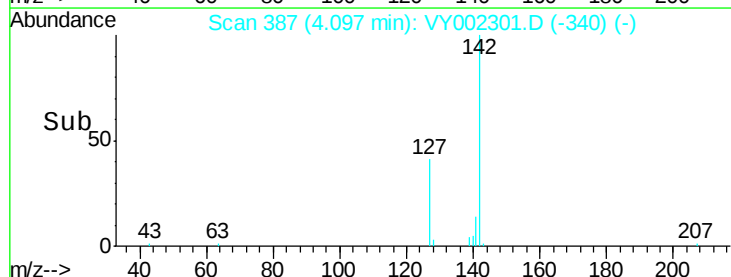
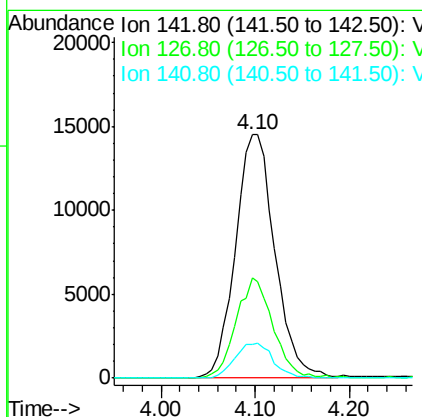
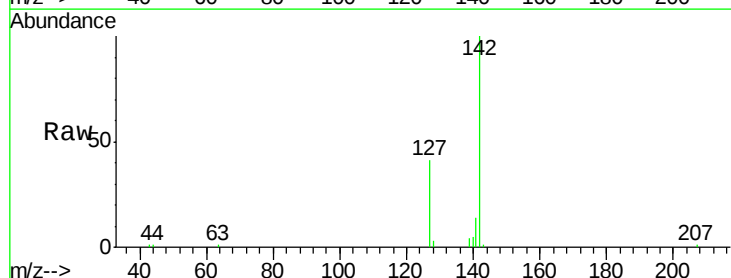
RT: 4.10 min Scan# 387

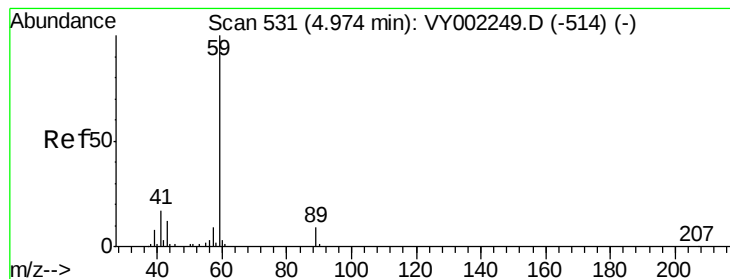
Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion:	142	Resp:	42480
Ion Ratio	Lower	Upper	
142	100		
127	38.6	32.4	48.6
141	13.9	11.2	16.8





#11

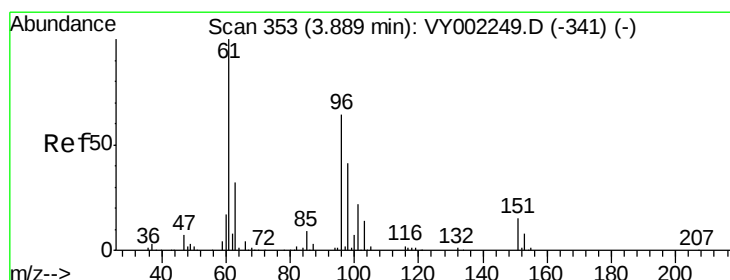
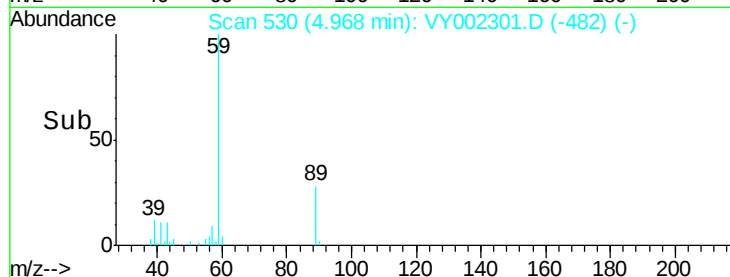
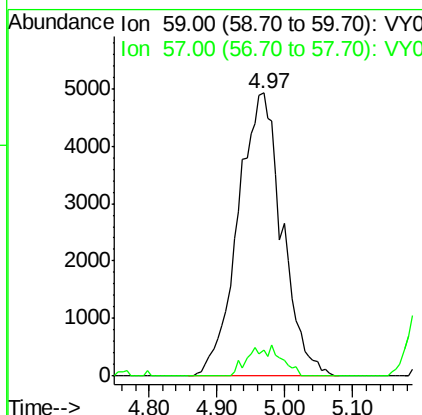
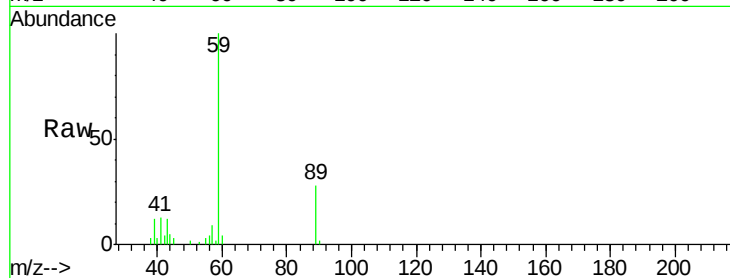
Tert butyl alcohol
Concen: 88.168 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion: 59 Resp: 22194
Ion Ratio Lower Upper
59 100
57 3.4 6.6 9.8#

Manual Integrations
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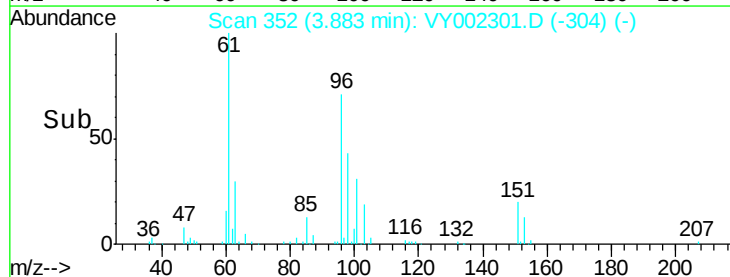
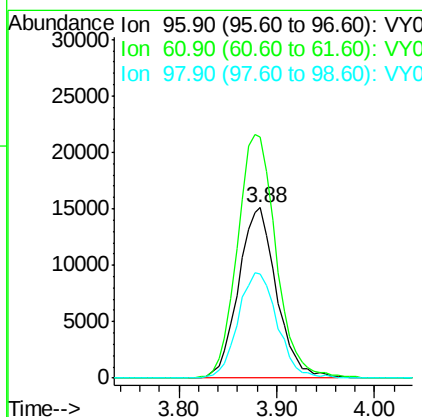
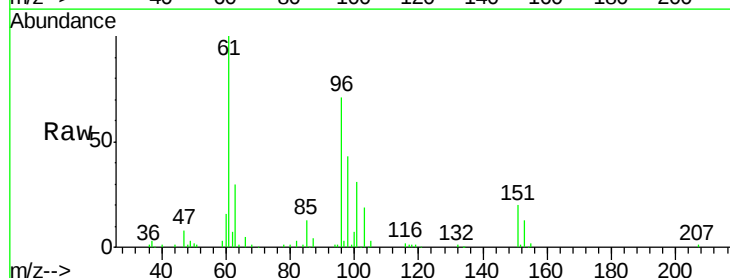
MMDadoda
4/15/2020 9:38:20 AM

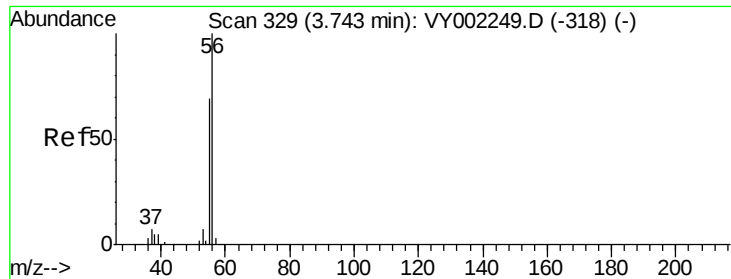


#12

1,1-Dichloroethene
Concen: 19.817 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 96 Resp: 40812
Ion Ratio Lower Upper
96 100
61 141.2 125.9 188.9
98 61.1 51.1 76.7





#13

Acrolein

Concen: 79.802 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 56 Resp: 19516

Ion Ratio Lower Upper

56 100

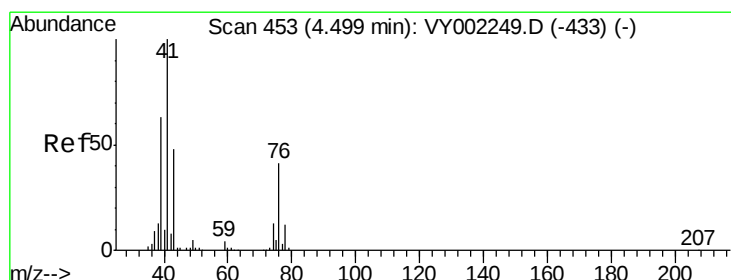
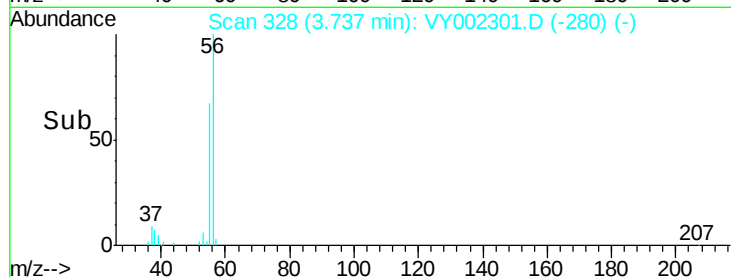
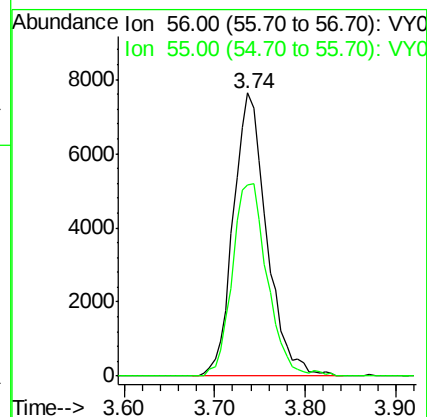
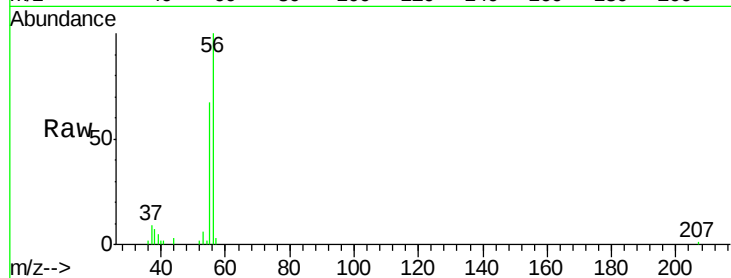
55 70.5 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

4/15/2020 9:38:20 AM



#14

Allyl chloride

Concen: 17.434 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

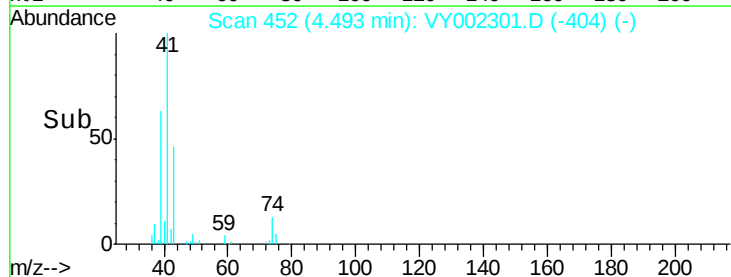
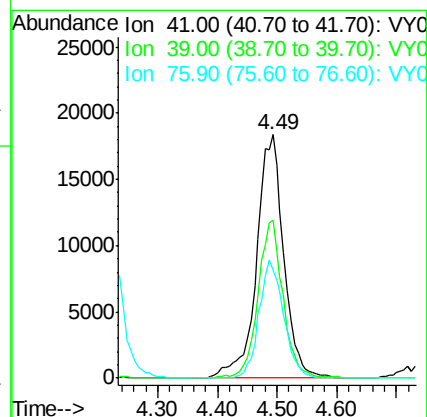
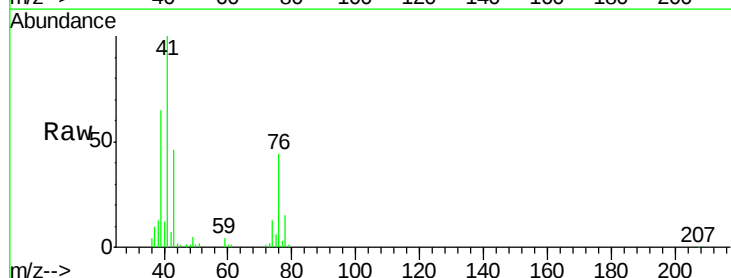
Tgt Ion: 41 Resp: 57977

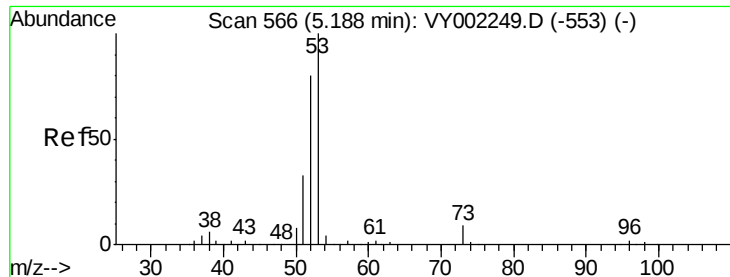
Ion Ratio Lower Upper

41 100

39 59.7 48.0 72.0

76 43.7 31.0 46.6





#15

Acrylonitrile

Concen: 89.342 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

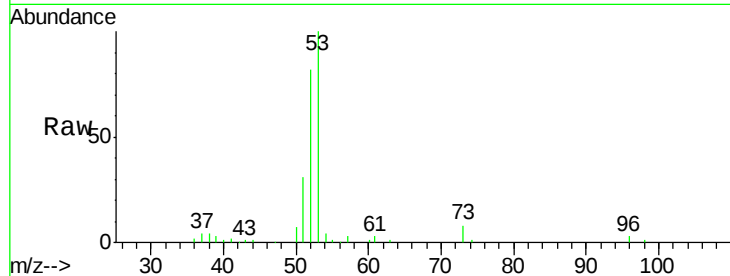
ClientSampleId :

VY0414SBS01

Tot Ion:	53	Resp:	57920
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.1	97.7
51	33.6	27.1	40.7

Manual Integrations
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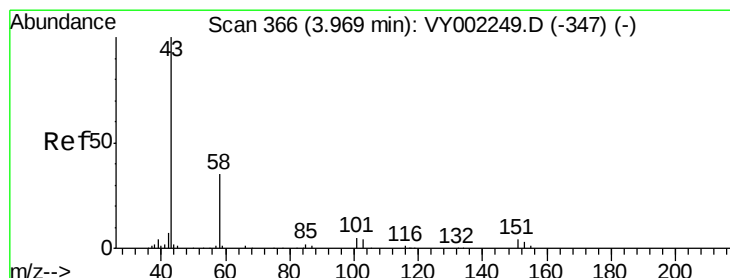
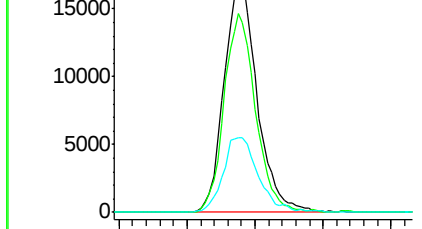
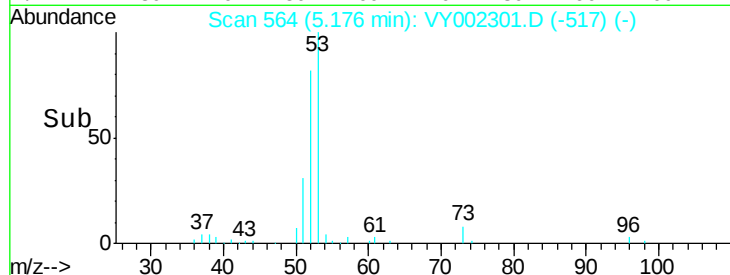


Abundance Ion 53.00 (52.70 to 53.70): VY002249.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002249.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002249.D (-553) (-)

Time-->



#16

Acetone

Concen: 90.674 ug/l

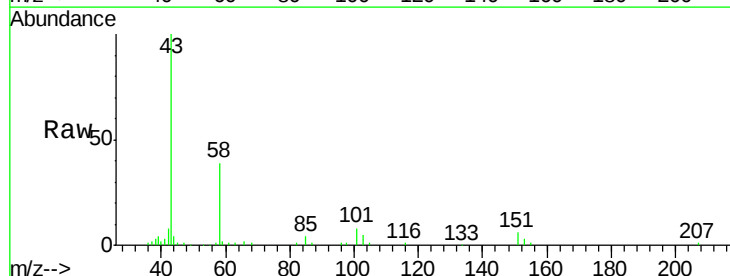
RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

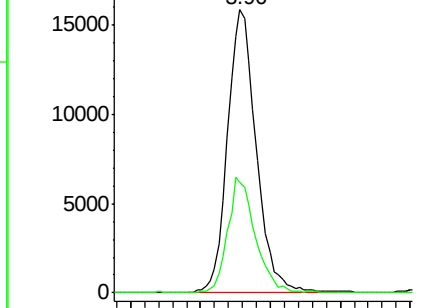
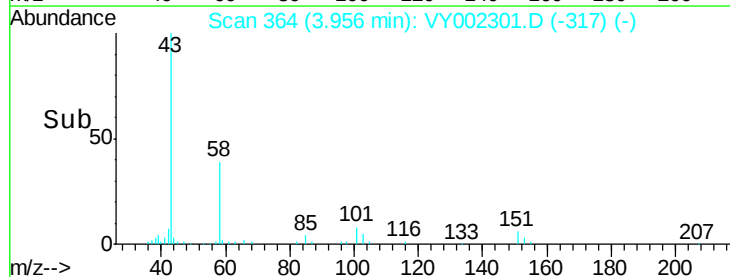
Tgt Ion:	43	Resp:	45297
Ion	Ratio	Lower	Upper
43	100		
58	39.1	28.5	42.7

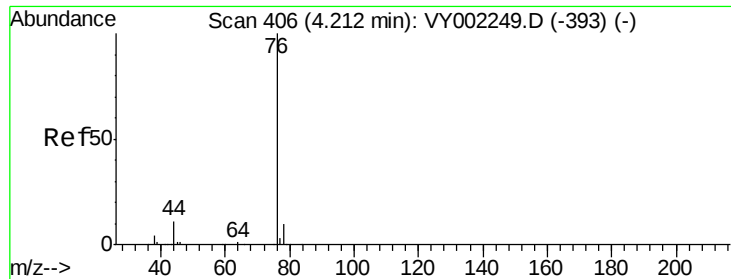


Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

Time-->





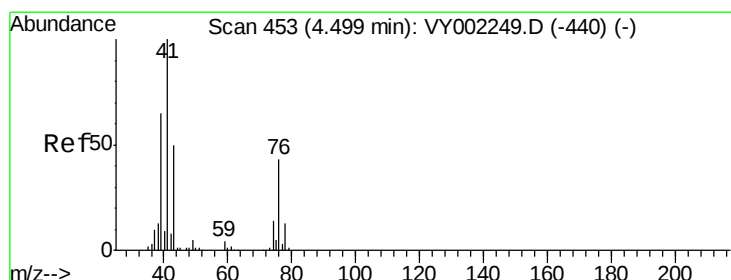
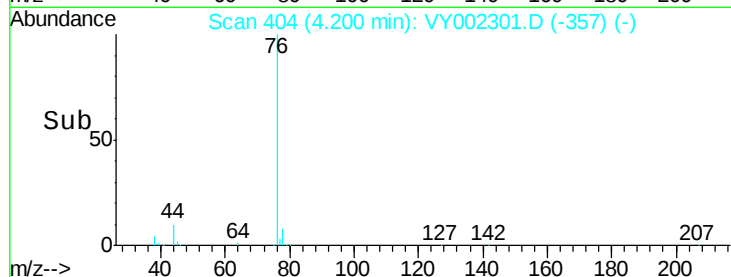
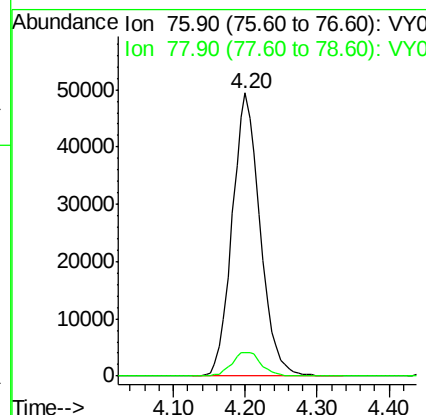
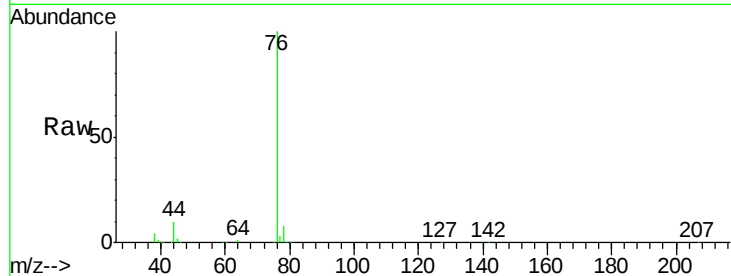
#17
Carbon Disulfide
Concen: 19.406 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.7	11.5

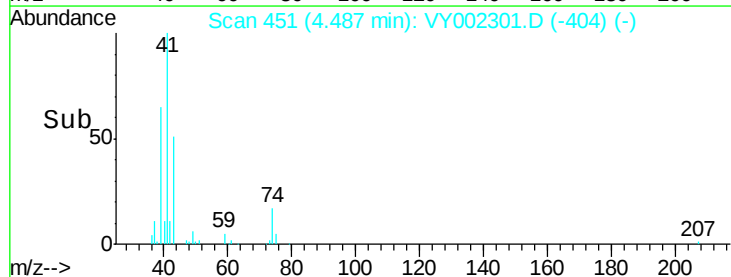
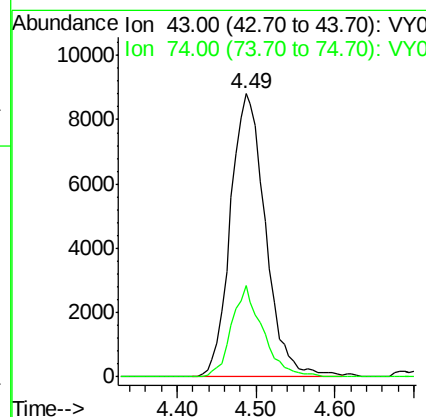
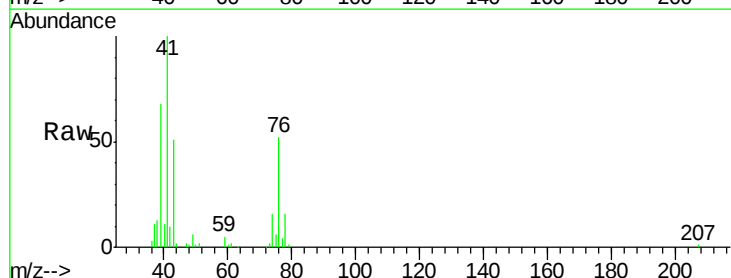
Manual Integrations
APPROVED

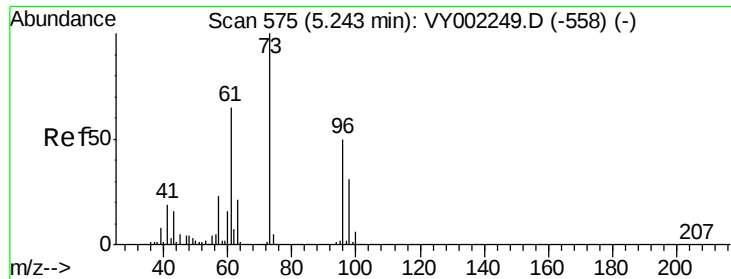
MMDadoda
4/15/2020 9:38:20 AM



#18
Methyl Acetate
Concen: 17.592 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.7	20.3	30.5





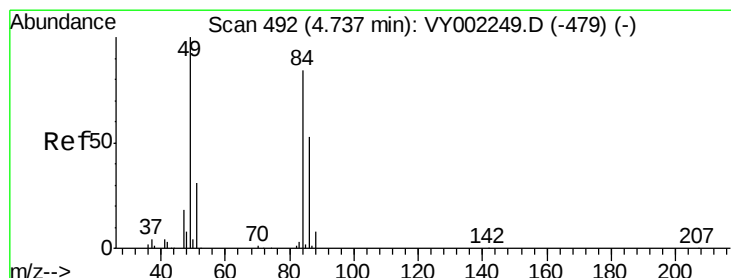
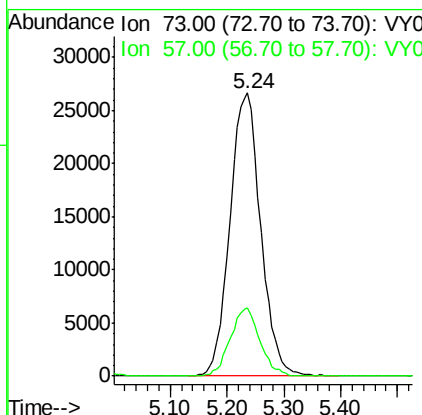
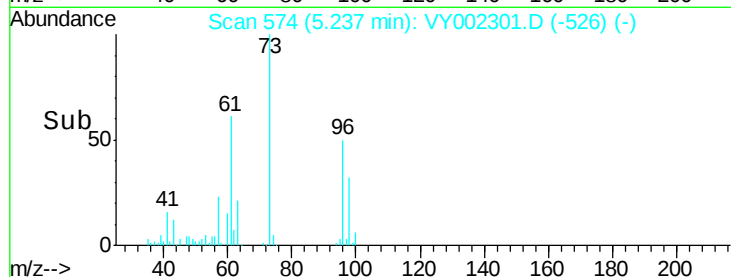
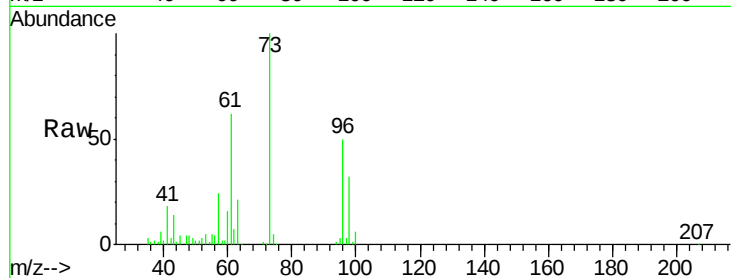
#19
Methvl tert-butvl Ether
Concen: 18.553 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion: 73 Resp: 100449
Ion Ratio Lower Upper
73 100
57 24.4 18.7 28.1

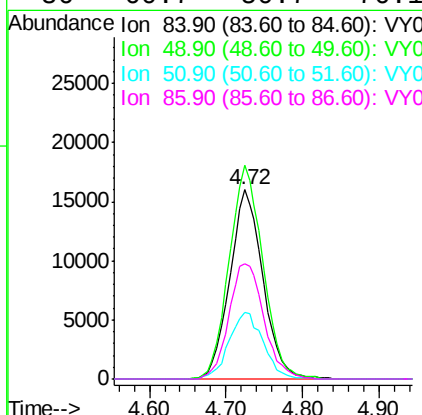
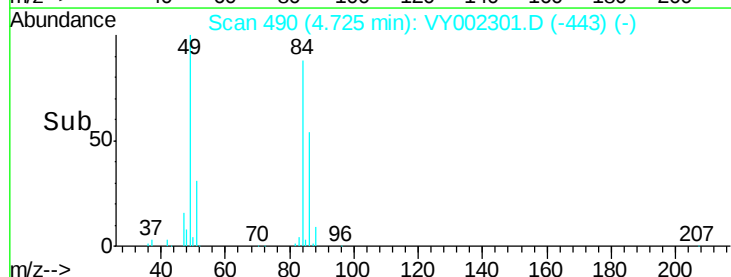
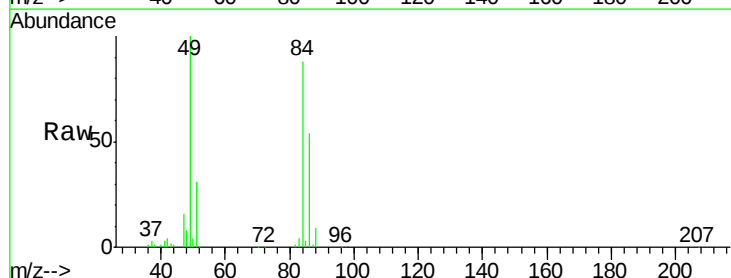
Manual Integrations
APPROVED

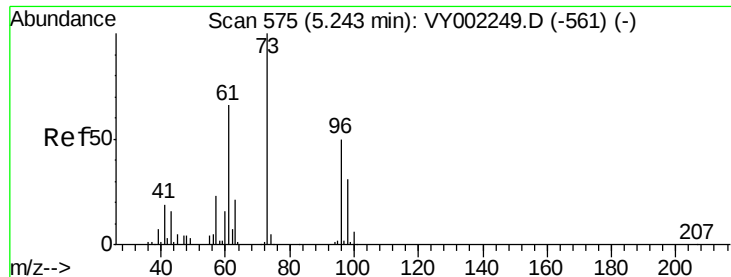
MMDadoda
4/15/2020 9:38:20 AM



#20
Methylene Chloride
Concen: 19.526 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 84 Resp: 47945
Ion Ratio Lower Upper
84 100
49 113.0 95.5 143.3
51 34.9 29.5 44.3
86 60.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.598 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

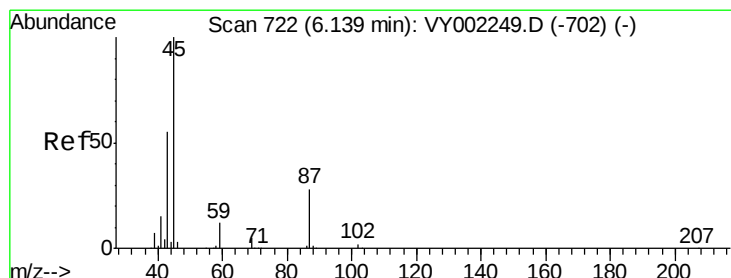
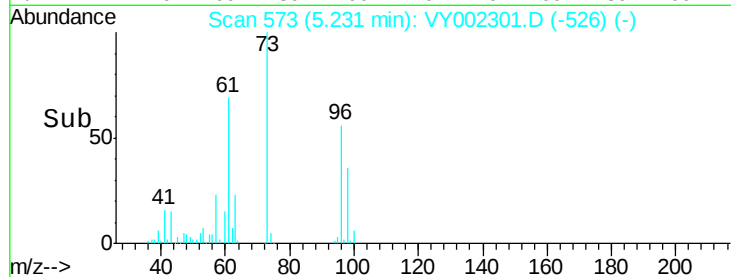
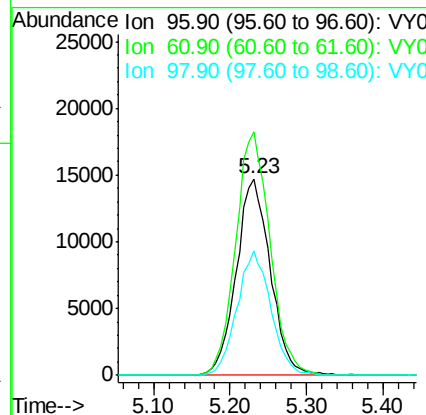
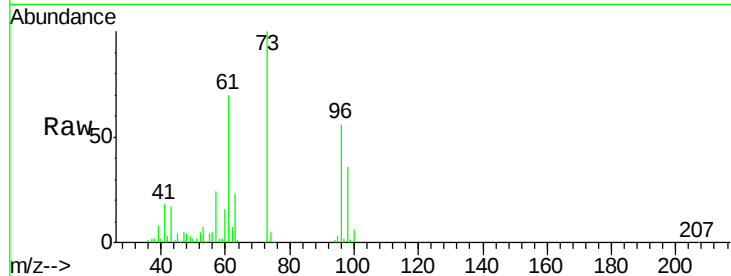
ClientSampleId :

VY0414SBS01

Tot Ion:	96	Resp:	45302
Ion	Ratio	Lower	Upper
96	100		
61	123.8	104.6	157.0
98	63.4	50.1	75.1

Manual Integrations
APPROVED

MMDadoda
4/15/2020 9:38:20 AM



#22

Diisopropyl ether

Concen: 18.318 ug/l

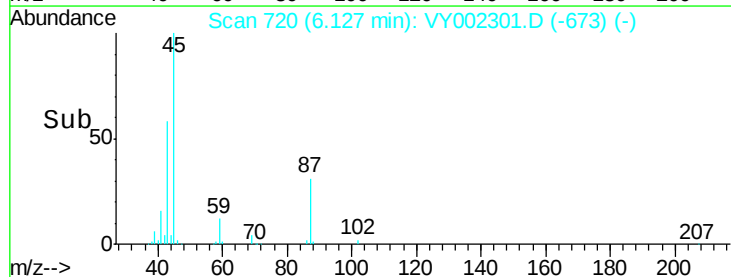
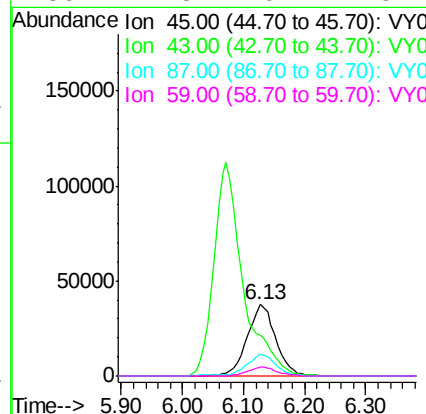
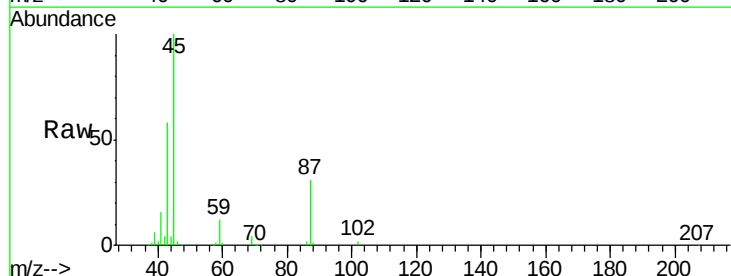
RT: 6.13 min Scan# 720

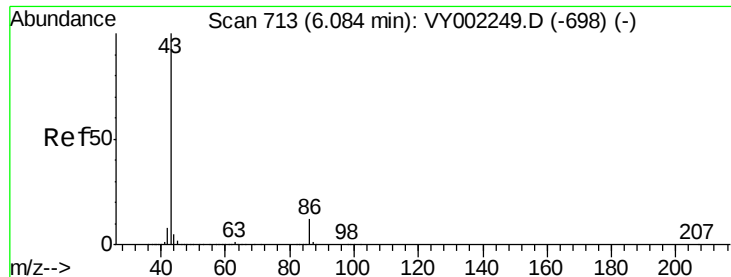
Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion:	45	Resp:	122598
Ion	Ratio	Lower	Upper
45	100		
43	57.4	44.7	67.1
87	30.6	23.0	34.4
59	11.8	10.1	15.1





#23

Vinyl Acetate

Concen: 87.976 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 43 Resp: 375213

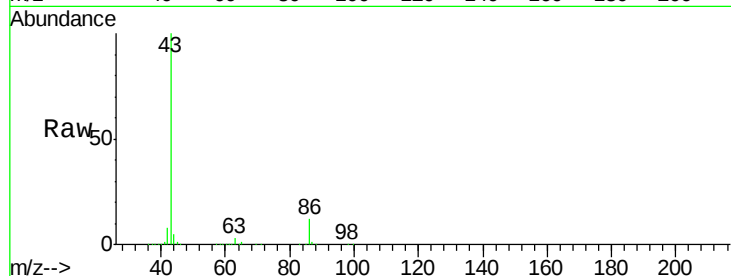
Ion Ratio Lower Upper

43 100

86 12.3 9.2 13.8

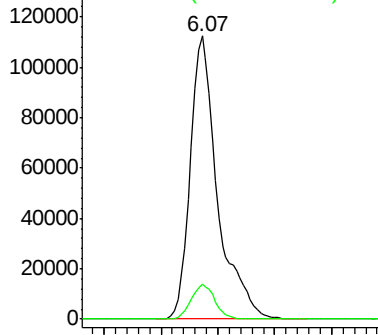
Manual Integrations
APPROVED

MMDadoda
4/15/2020 9:38:20 AM

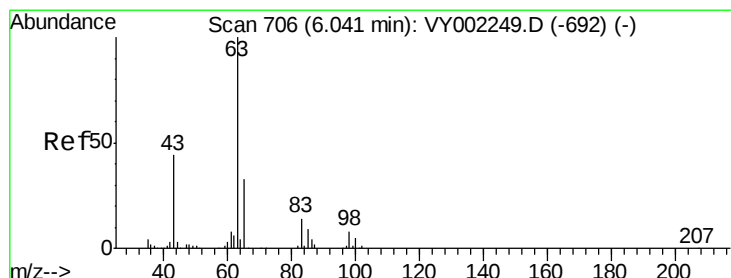
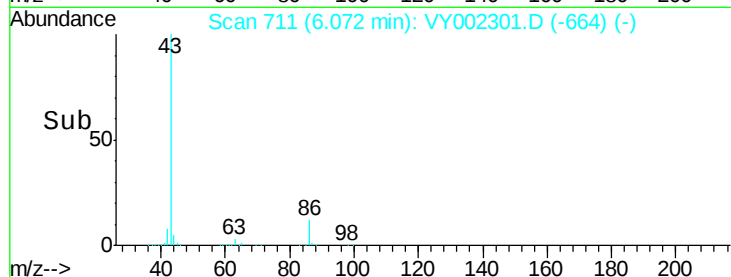


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 19.167 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

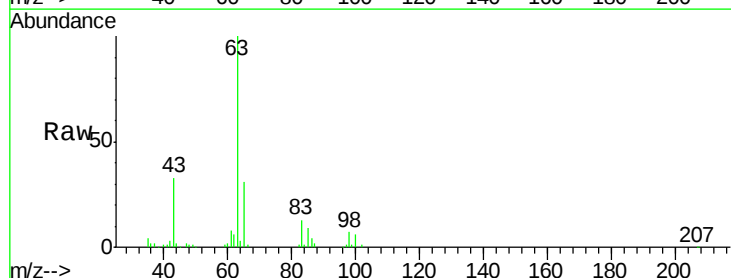
Tgt Ion: 63 Resp: 72964

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

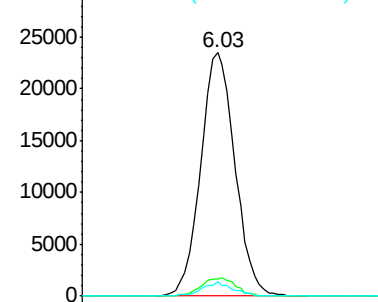
100 6.0 2.4 7.1



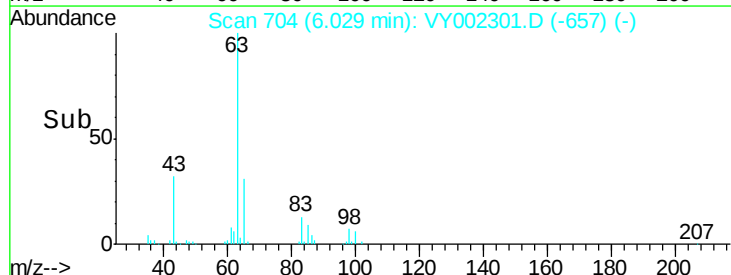
Abundance Ion 62.90 (62.60 to 63.60): VY0

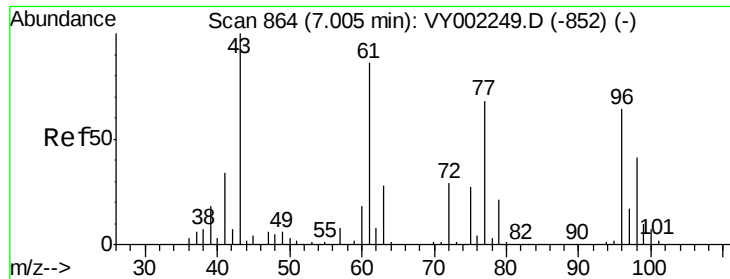
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time--> 5.90 6.00 6.10 6.20





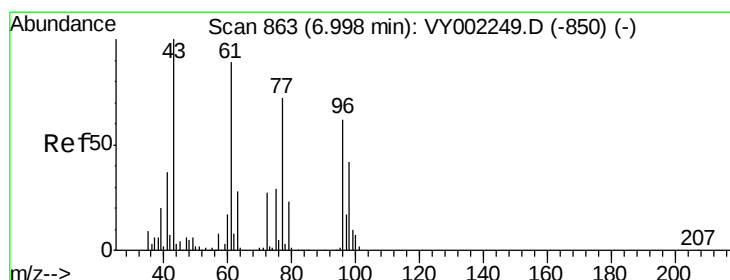
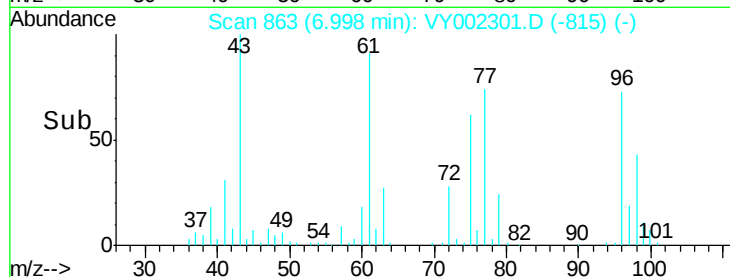
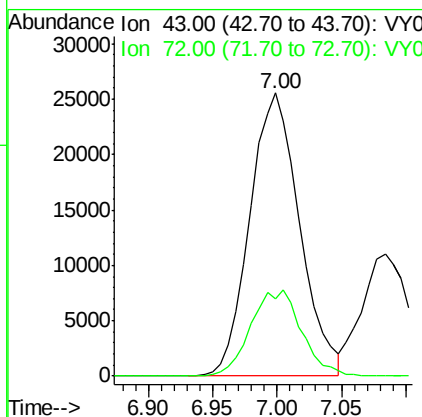
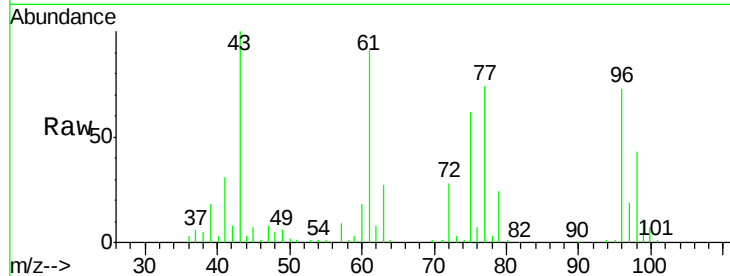
#25
2-Butanone
Concen: 86.752 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion: 43 Resp: 68584
Ion Ratio Lower Upper
43 100
72 27.5 23.2 34.8

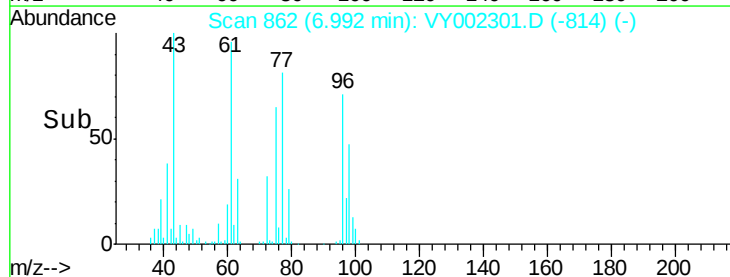
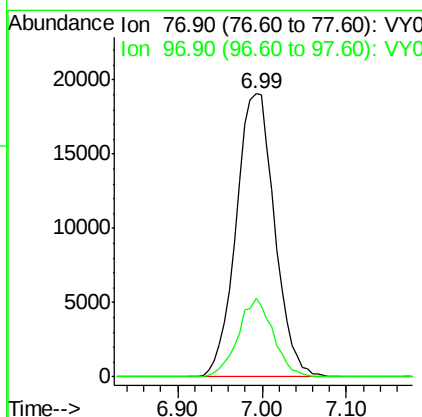
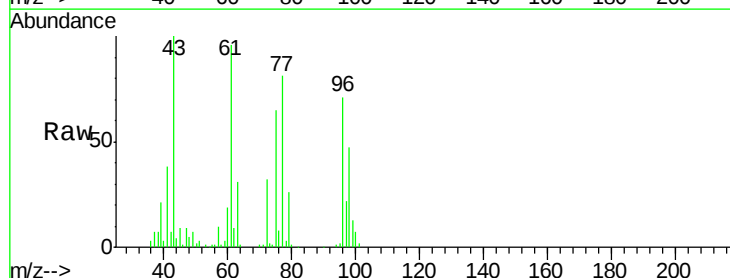
Manual Integrations
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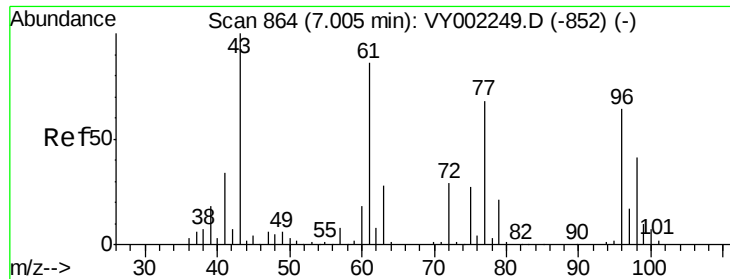
MMDadoda
4/15/2020 9:38:20 AM



#26
2,2-Dichloropropane
Concen: 18.492 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 77 Resp: 58886
Ion Ratio Lower Upper
77 100
97 25.4 12.2 36.6





#27

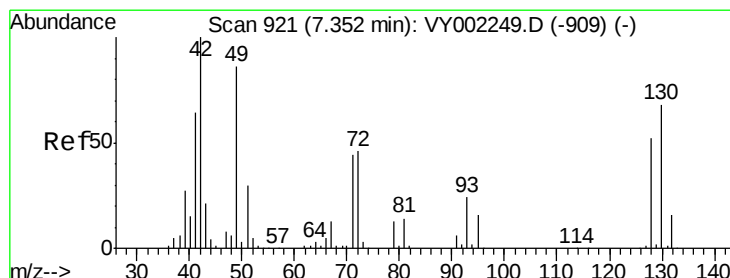
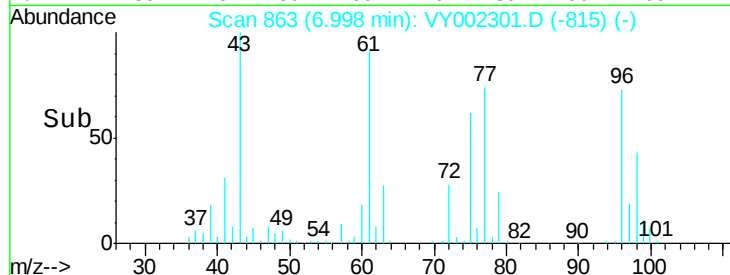
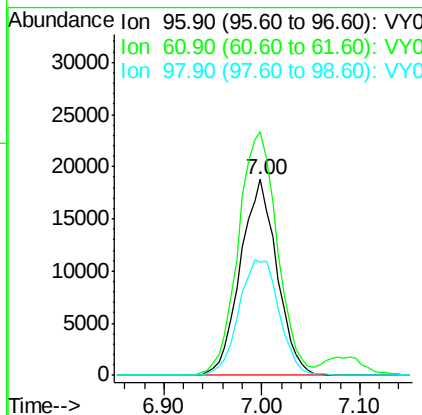
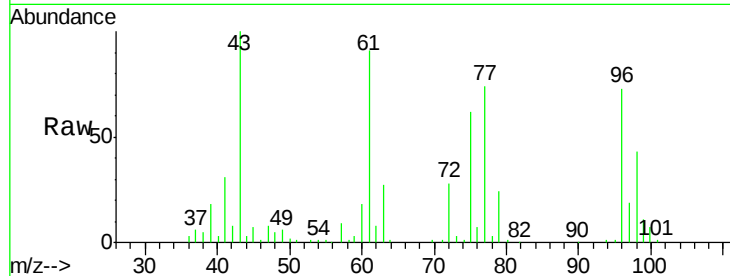
cis-1,2-Dichloroethene
Concen: 19.354 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	278.0
98	64.8	0.0	128.6

Manual Integrations
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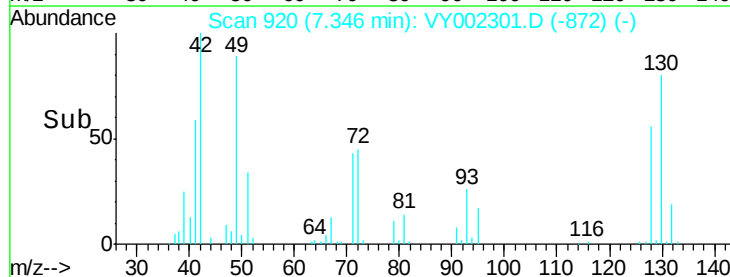
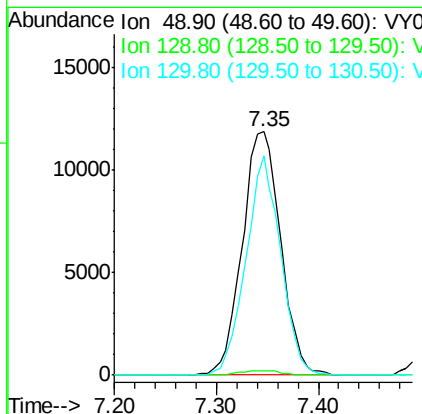
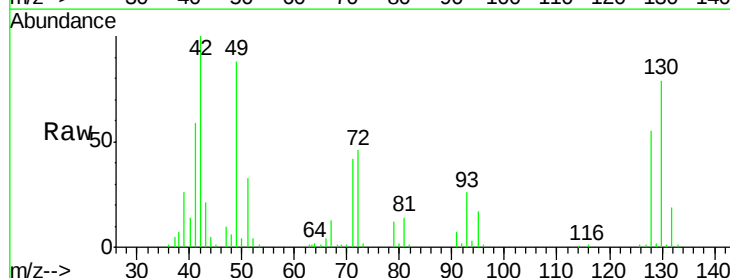
MMDadoda
4/15/2020 9:38:20 AM

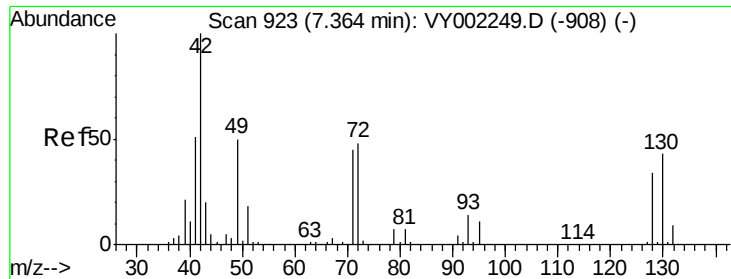


#28

Bromochloromethane
Concen: 18.974 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	81.2	60.9	91.3





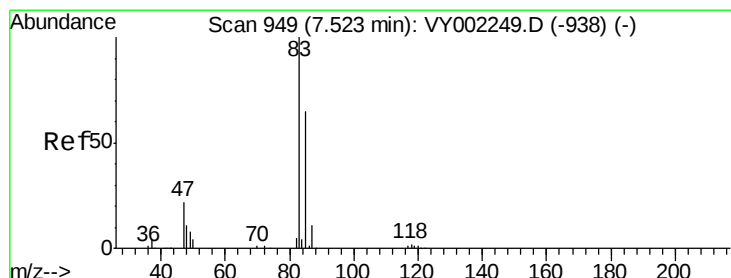
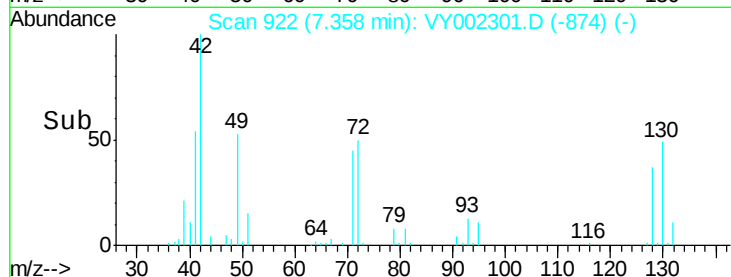
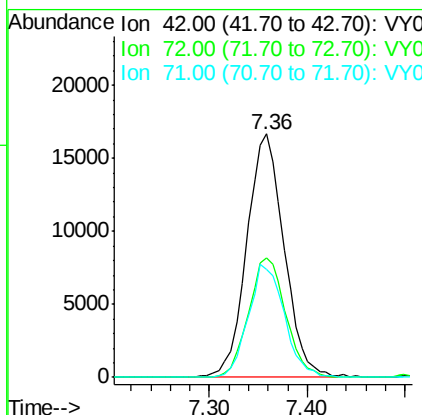
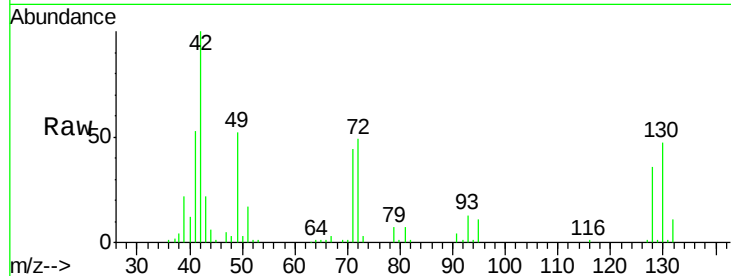
#29
Tetrahydrofuran
Concen: 84.236 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	36.7	55.1
71	44.9	34.7	52.1

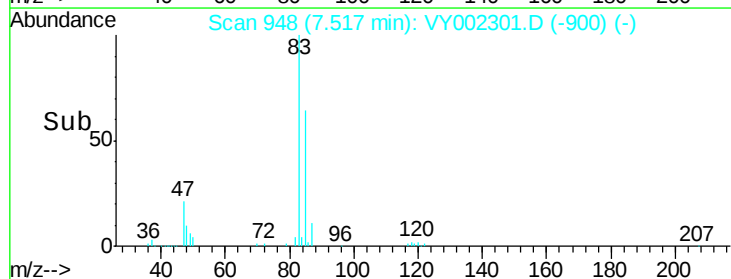
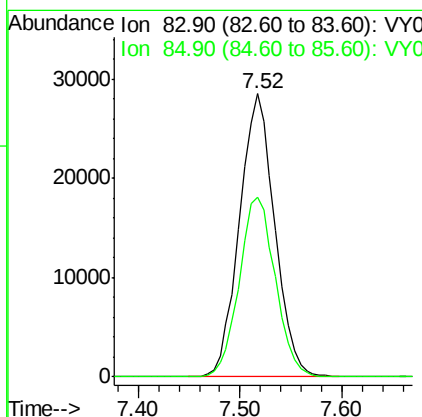
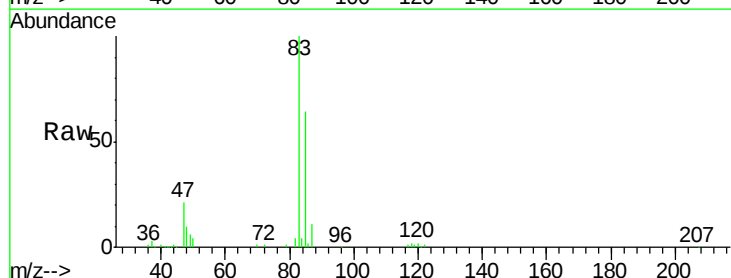
Manual Integrations
APPROVED

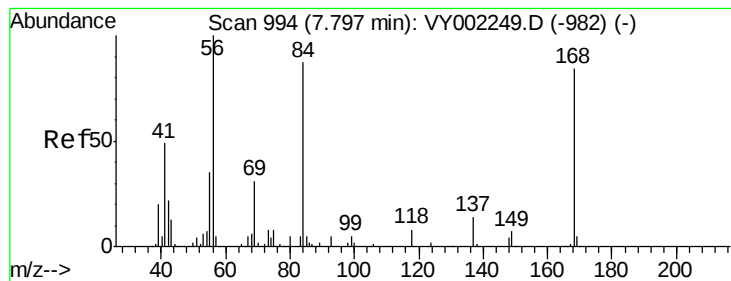
MMDadoda
4/15/2020 9:38:20 AM



#30
Chloroform
Concen: 19.105 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.0	78.0





#31

Cyclohexane

Concen: 18.468 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 56 Resp: 73794

Ion Ratio Lower Upper

56 100

69 39.7 25.0 37.6#

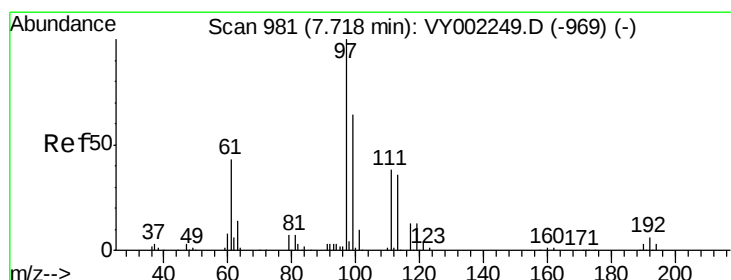
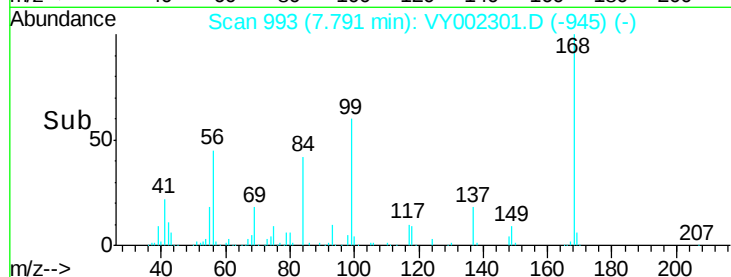
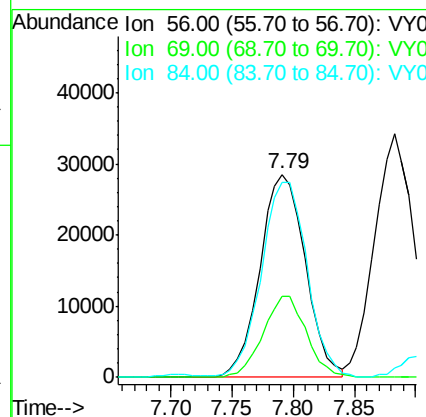
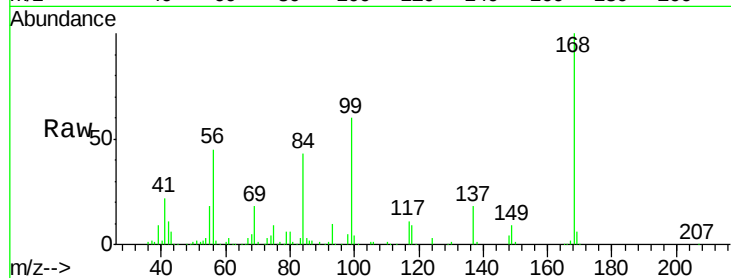
84 95.4 69.7 104.5

Manual Integrations

APPROVED

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#32

1,1,1-Trichloroethane

Concen: 19.000 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

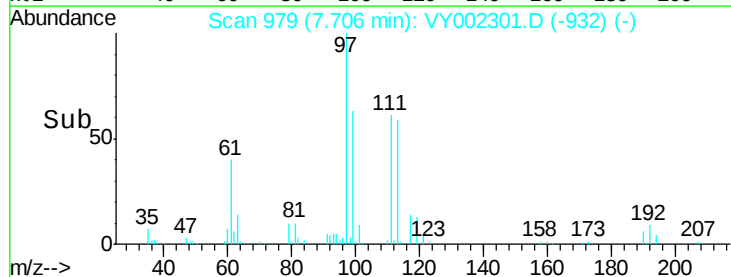
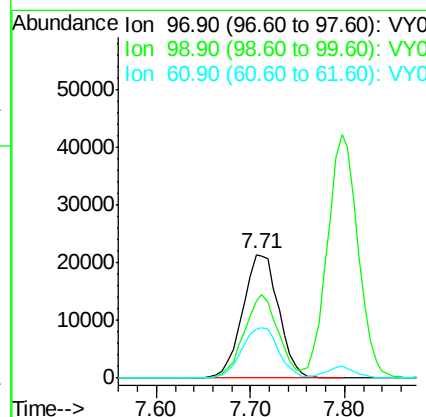
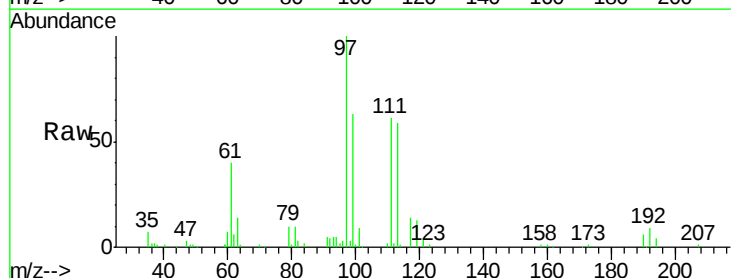
Tgt Ion: 97 Resp: 56748

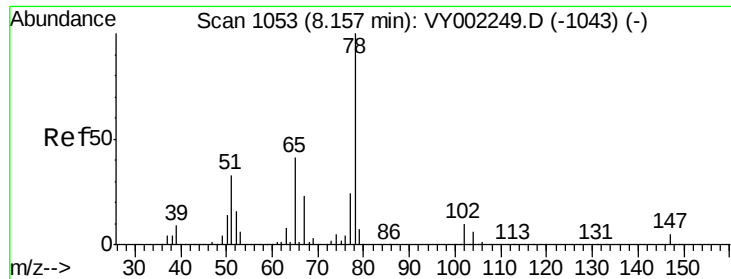
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 41.9 34.3 51.5





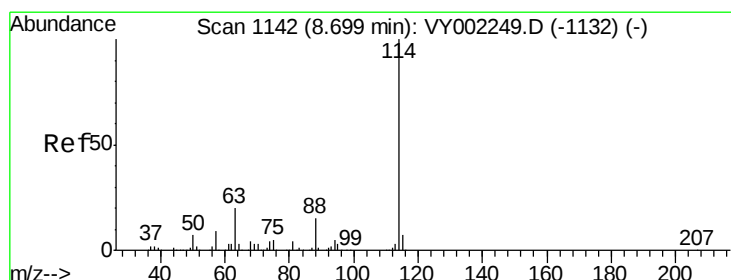
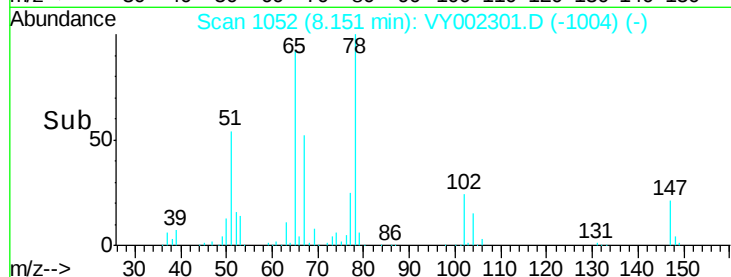
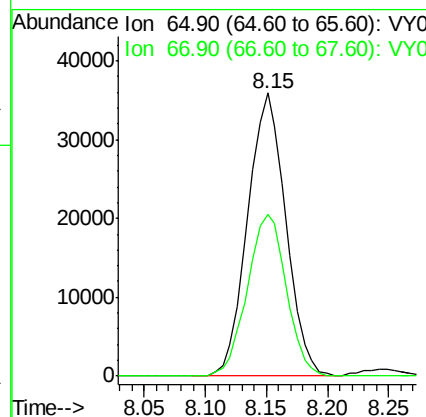
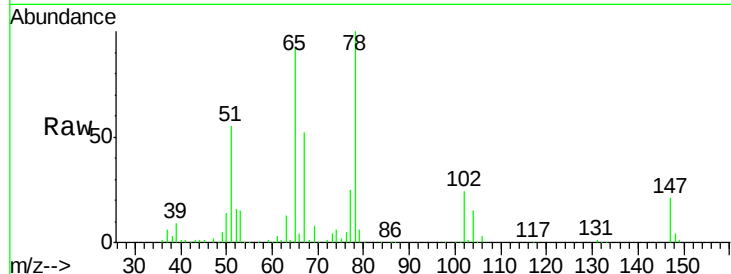
#33
 1,2-Dichloroethane-d4
 Concen: 41.127 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	78005		
67	58.4	0.0	114.0	

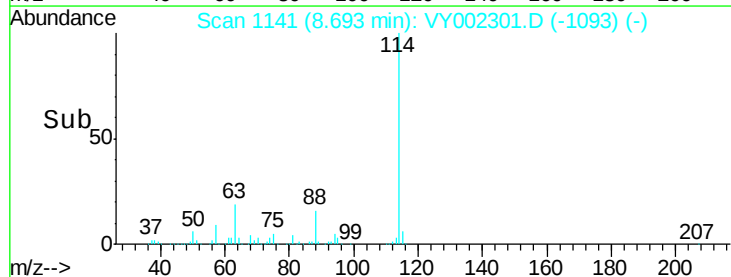
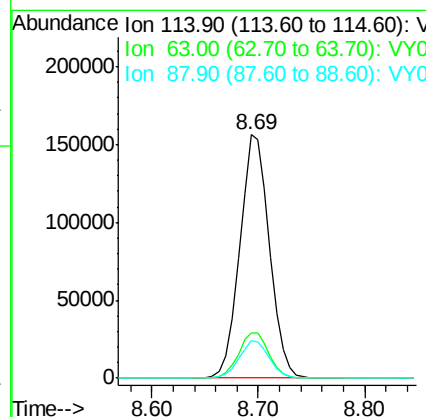
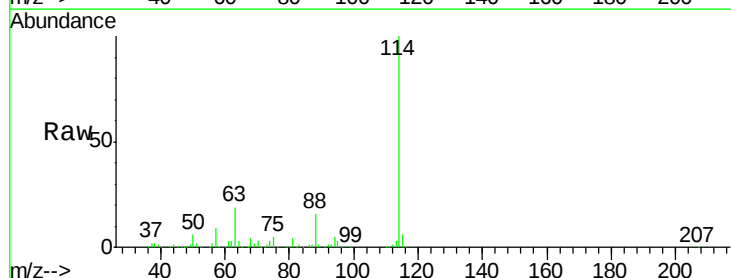
Manual Integrations
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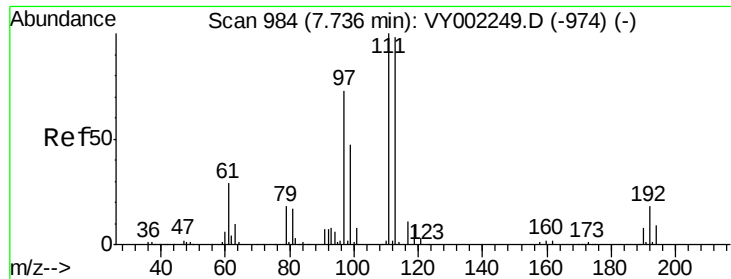
MMDadoda
 4/15/2020 9:38:20 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	304967		
63	18.7	0.0	39.0	
88	15.5	0.0	31.0	





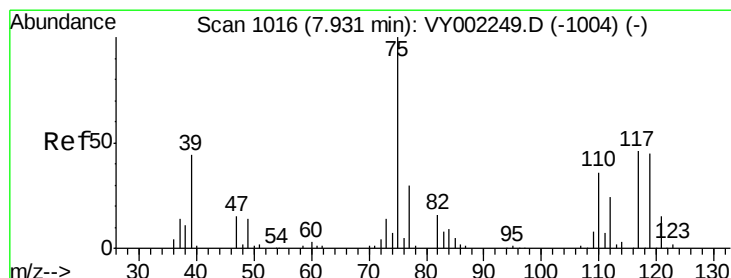
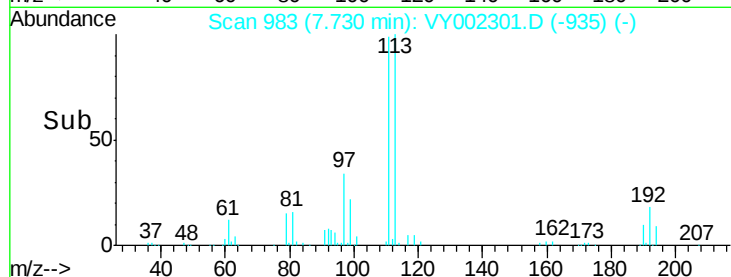
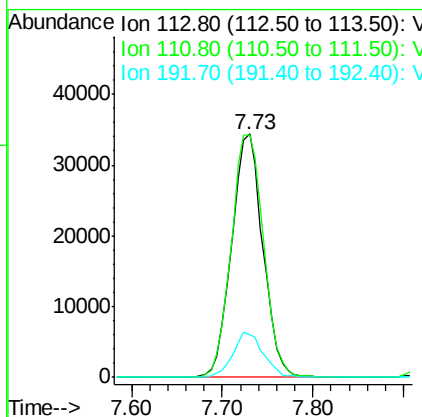
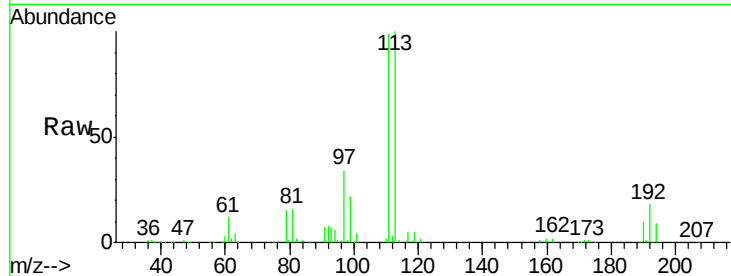
#35
 Dibromofluoromethane
 Concen: 45.275 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	82159		
111	103.2		83.5	125.3
192	18.0		14.7	22.1

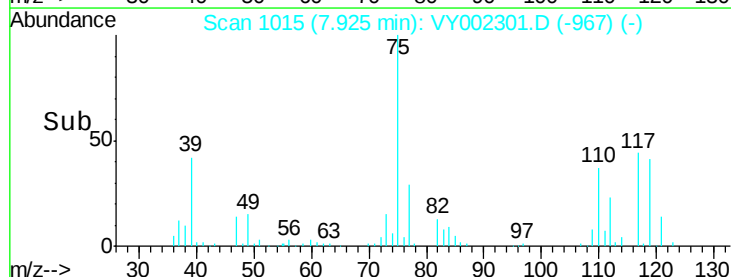
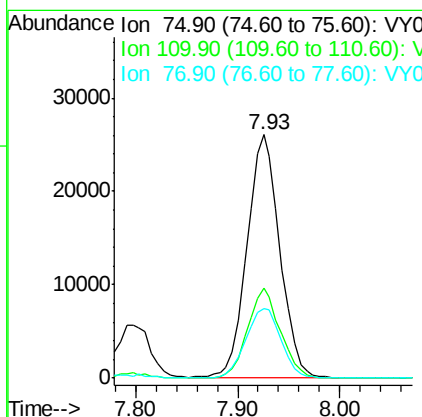
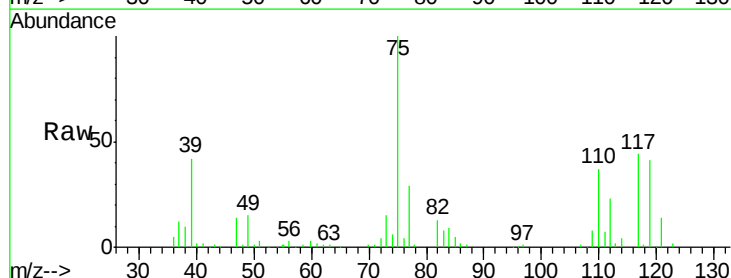
Manual Integrations
 APPROVED

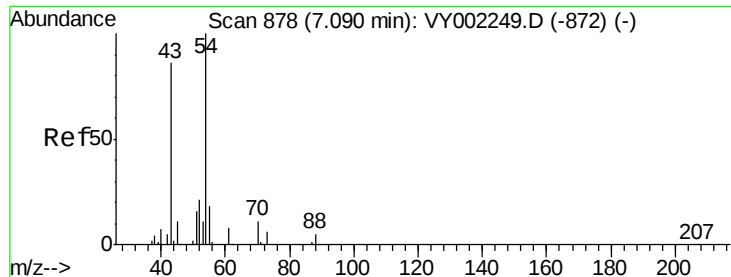
MMDadoda
 4/15/2020 9:38:20 AM



#36
 1,1-Dichloropropene
 Concen: 19.475 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58502		
110	36.6		17.8	53.3
77	30.7		24.4	36.6





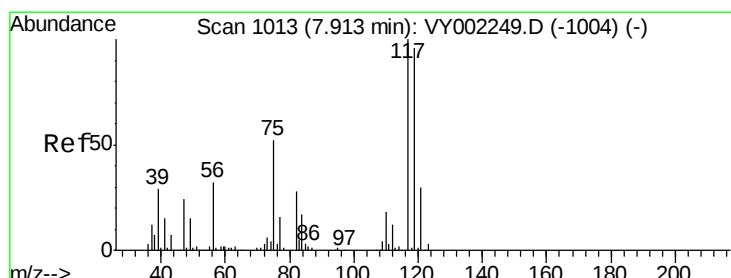
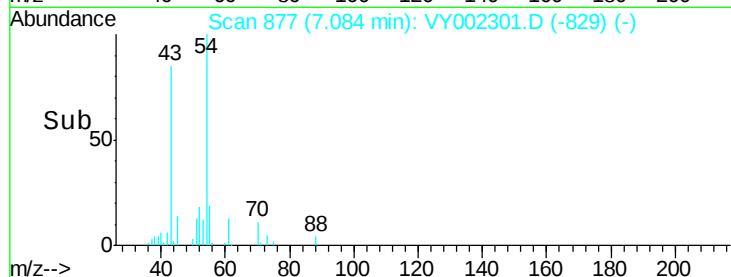
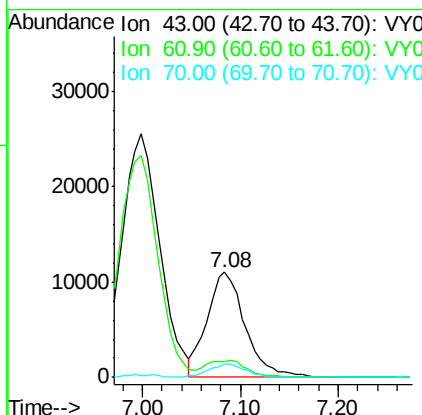
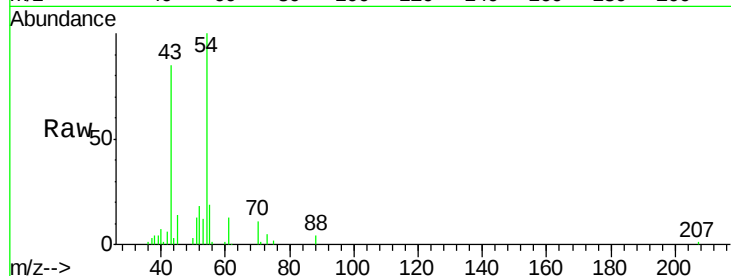
#37
Ethyl Acetate
Concen: 17.443 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	43	Resp	29933
Ion	Ratio	Lower	Upper
43	100		
61	17.1	11.8	17.6
70	11.8	9.1	13.7

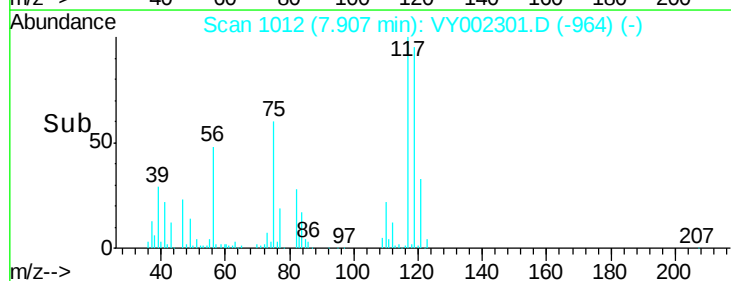
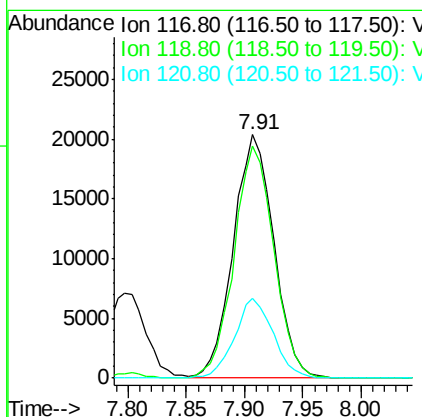
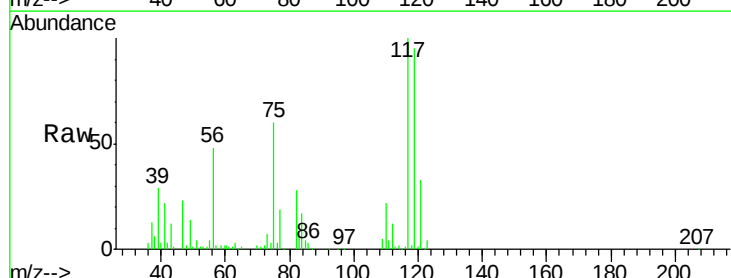
Manual Integrations
APPROVED

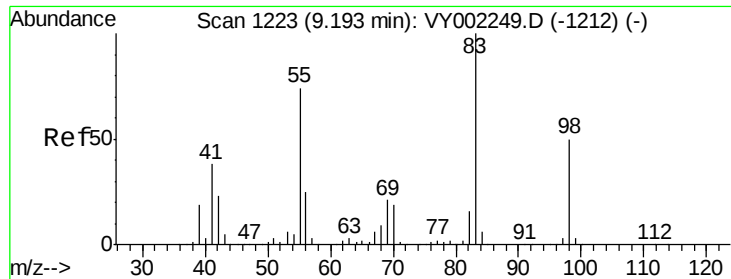
MMDadoda
4/15/2020 9:38:20 AM



#38
Carbon Tetrachloride
Concen: 19.306 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	117	Resp	49605
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.1	115.7
121	32.5	23.9	35.9





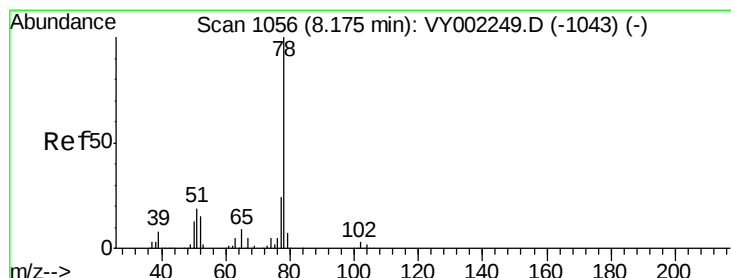
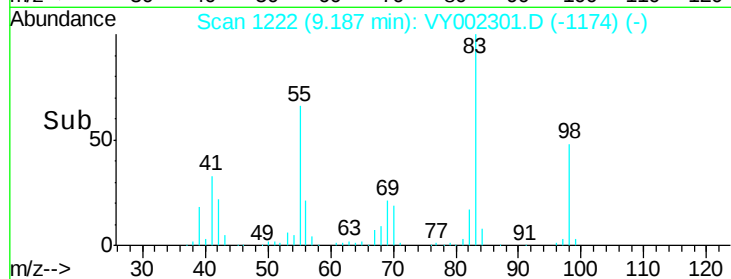
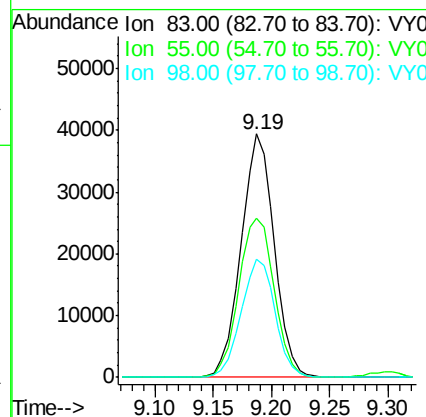
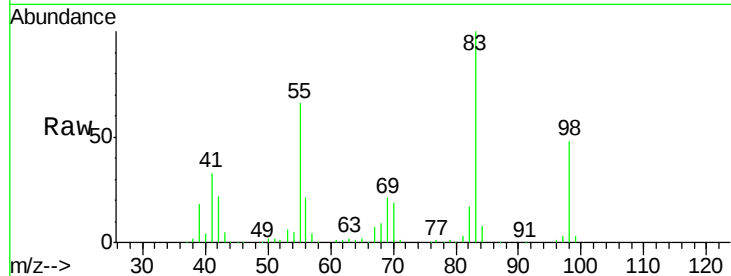
#39
Methvlcvclohexane
Concen: 19.117 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.6	59.3	88.9
98	48.5	39.6	59.4

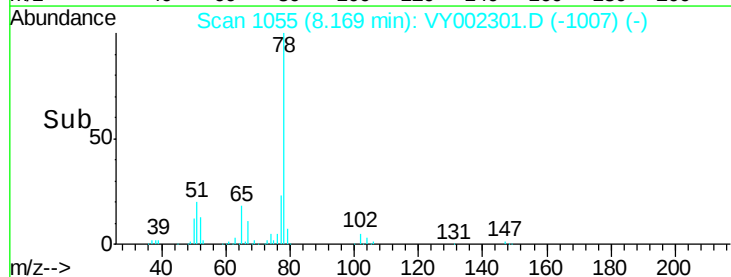
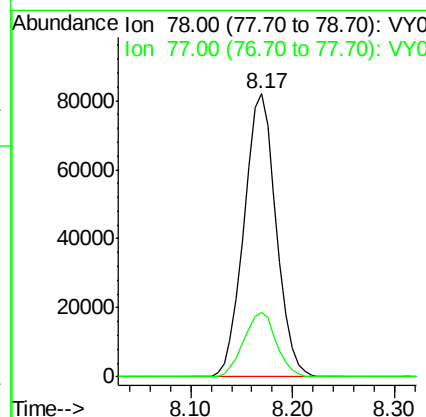
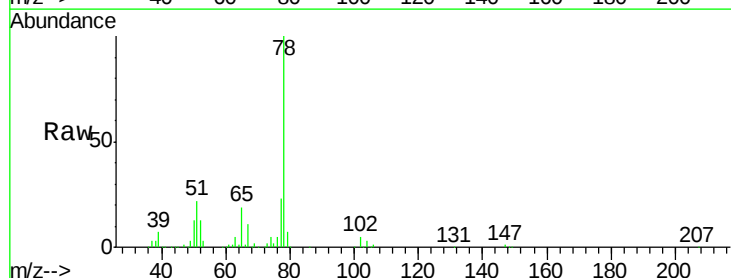
Manual Integrations
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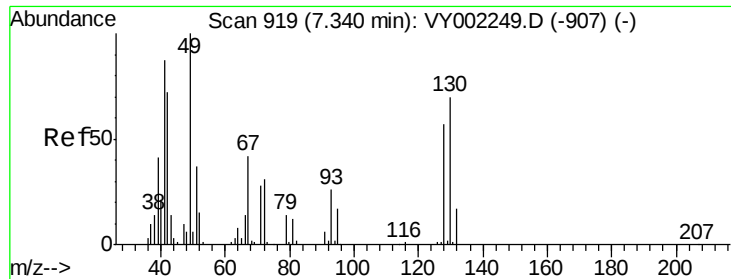
MMDadoda
4/15/2020 9:38:20 AM



#40
Benzene
Concen: 19.689 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3





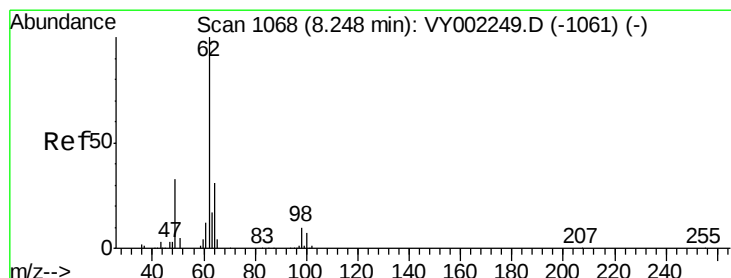
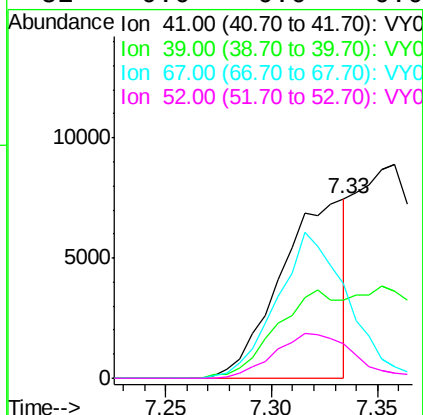
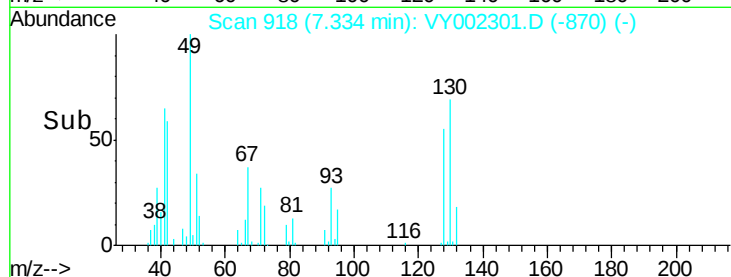
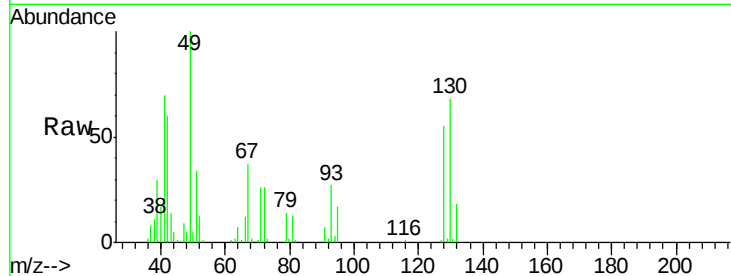
#41
Methacrylonitrile
Concen: 15.783 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	41	Resp	15978
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

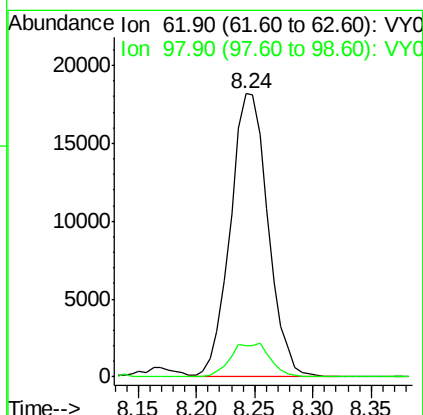
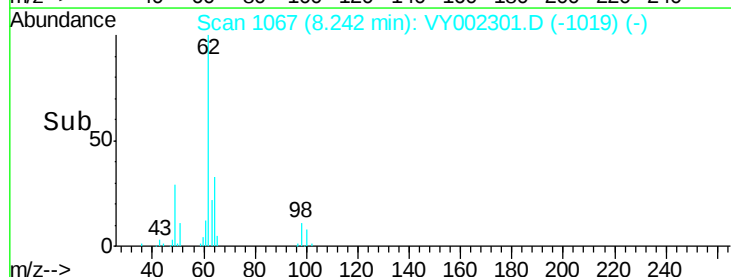
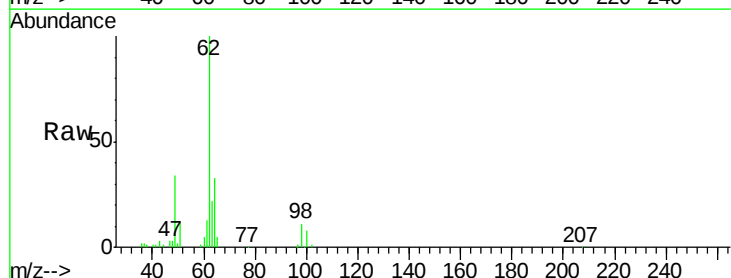
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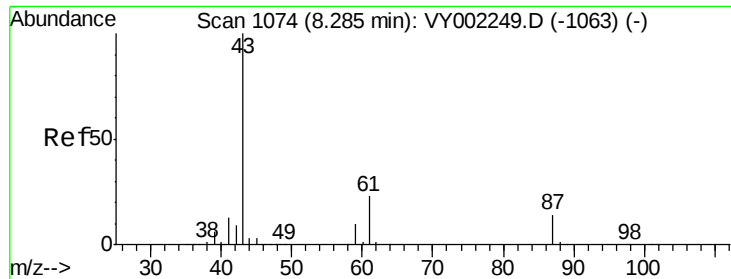
MMDadoda
4/15/2020 9:38:20 AM



#42
1,2-Dichloroethane
Concen: 18.193 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	62	Resp	41073
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	22.6





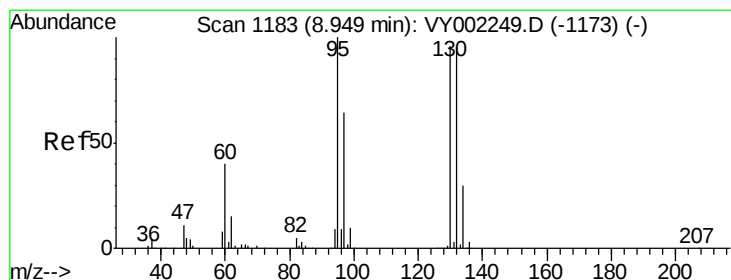
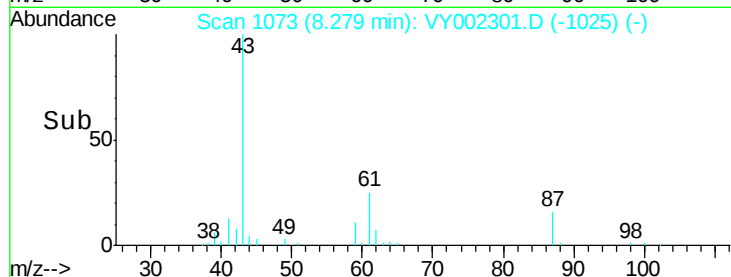
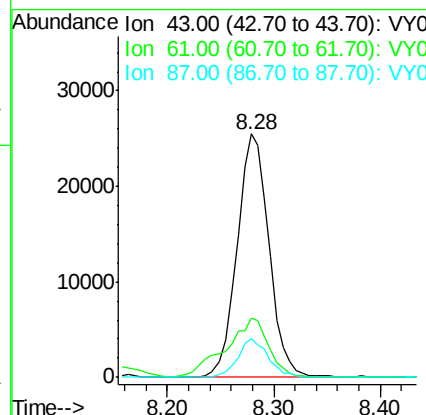
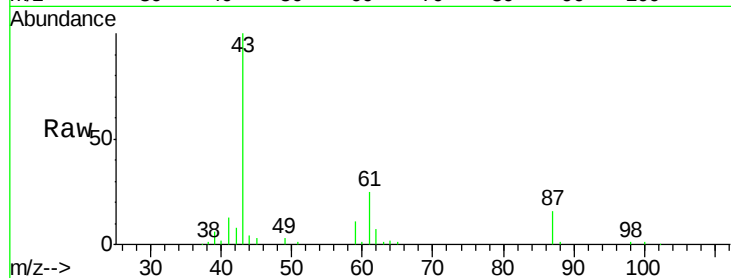
#43
Isopropyl Acetate
Concen: 17.093 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.7	24.9	37.3
87	15.0	11.7	17.5

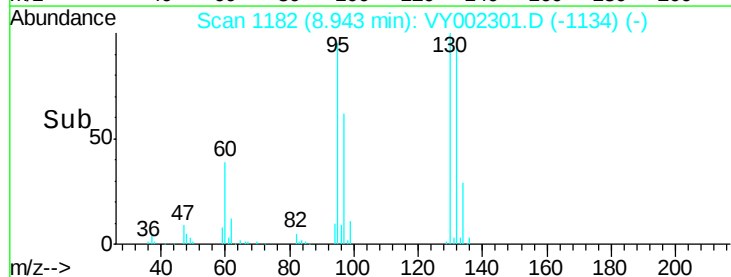
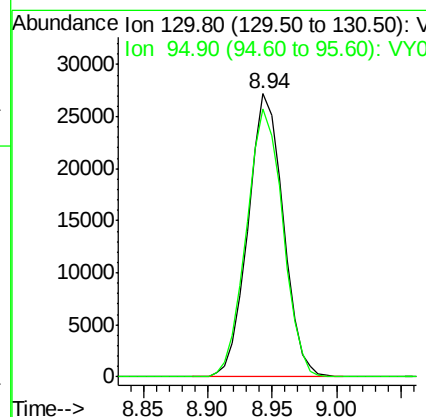
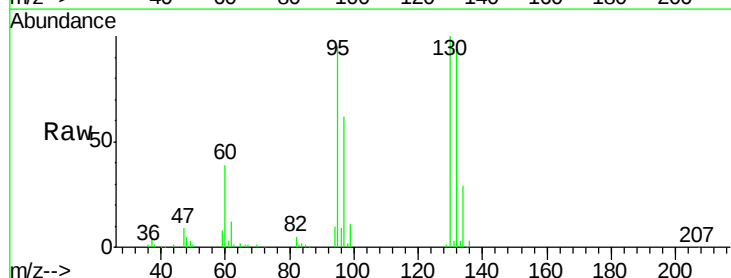
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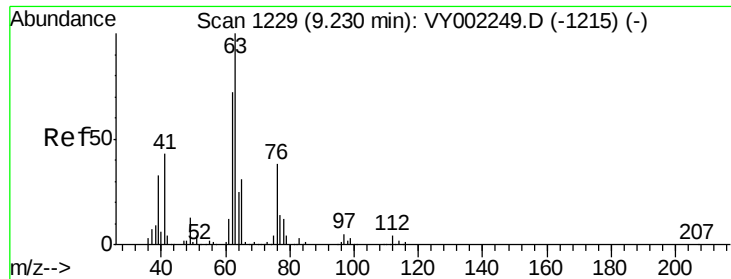
MMDadoda
4/15/2020 9:38:20 AM



#44
Trichloroethene
Concen: 19.141 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	208.2





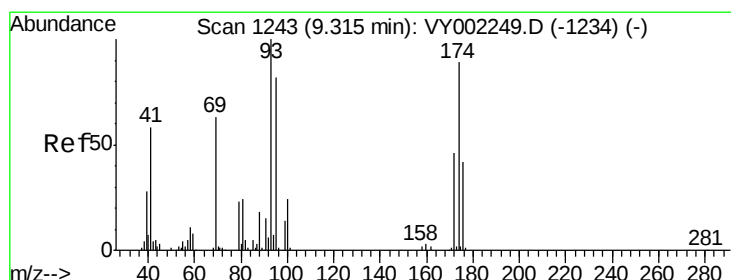
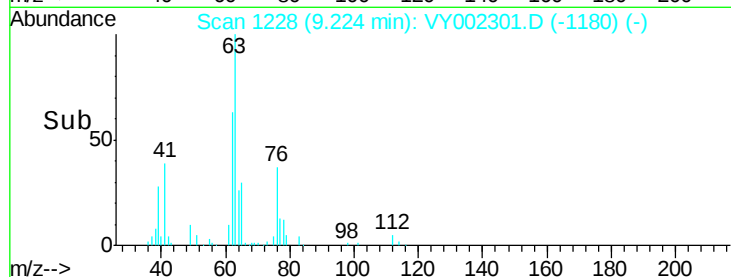
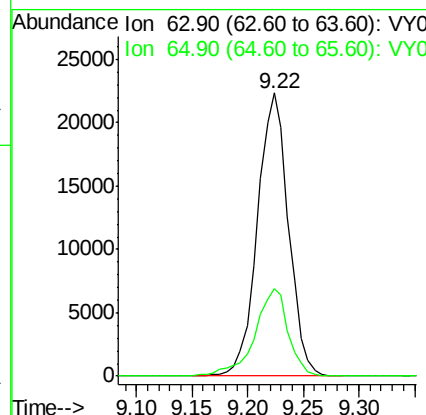
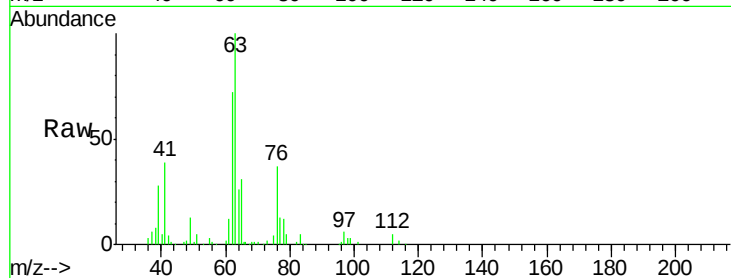
#45
 1,2-Dichloropropane
 Concen: 19.189 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	63	Resp	43392
Ion Ratio	Lower	Upper	
63	100		
65	30.9	24.6	37.0

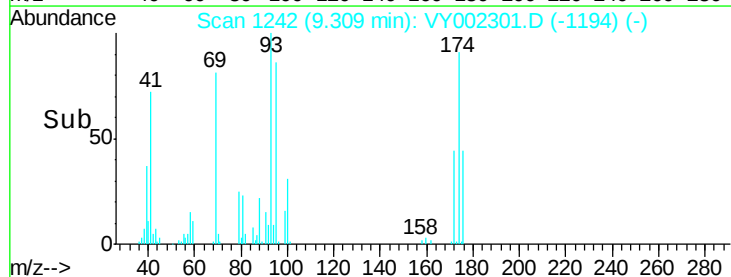
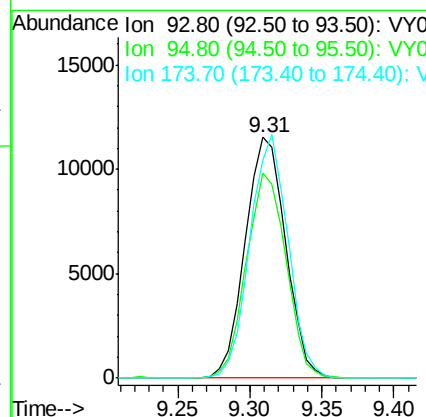
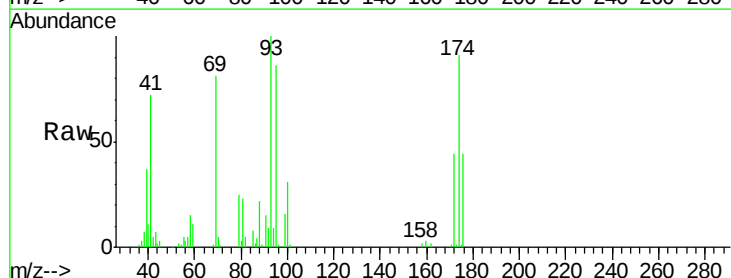
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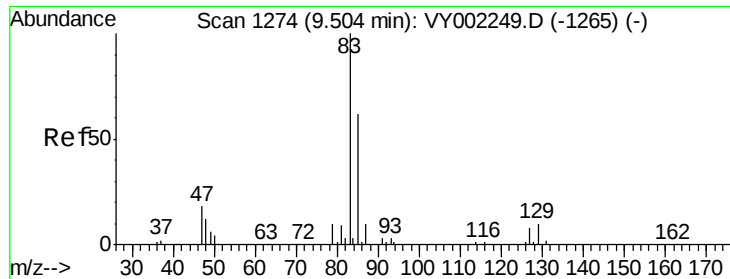
MMDadoda
 4/15/2020 9:38:20 AM



#46
 Dibromomethane
 Concen: 18.970 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	93	Resp	22429
Ion Ratio	Lower	Upper	
93	100		
95	83.7	67.3	100.9
174	94.8	72.5	108.7





#47

Bromodichloromethane

Concen: 19.170 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

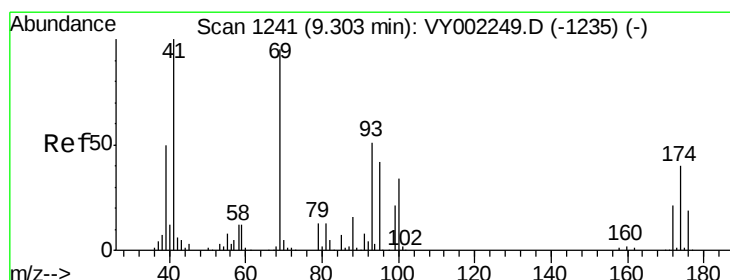
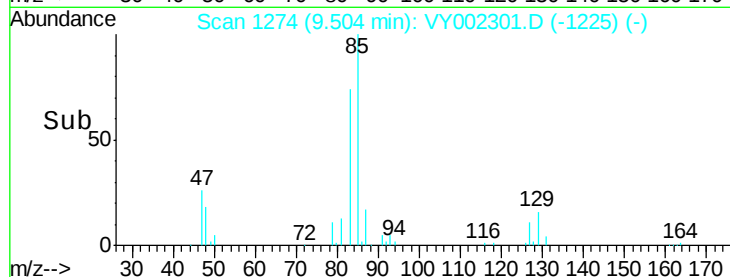
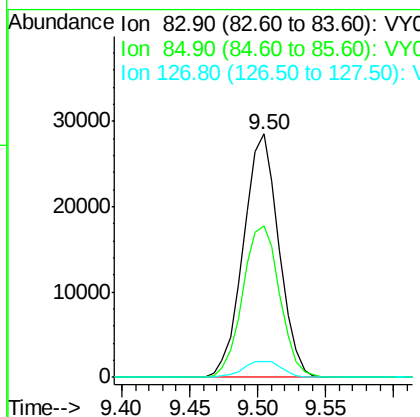
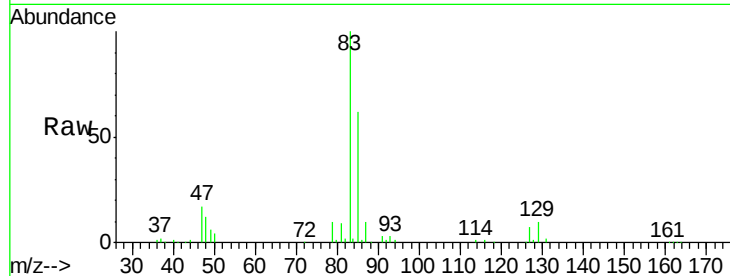
ClientSampleId :

VY0414SBS01

Tot Ion:	83	Resp:	52007
Ion	Ratio	Lower	Upper
83	100		
85	62.3	49.7	74.5
127	6.7	6.2	9.4

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4/15/2020 9:38:20 AM



#48

Methyl methacrylate

Concen: 17.518 ug/l

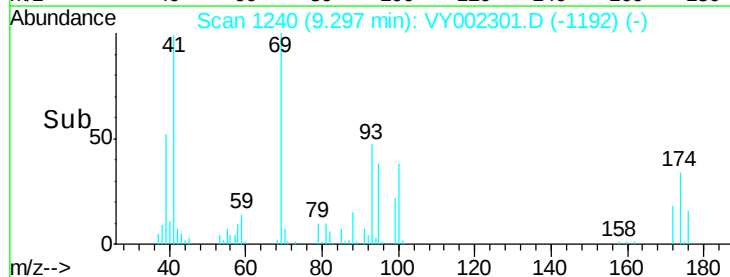
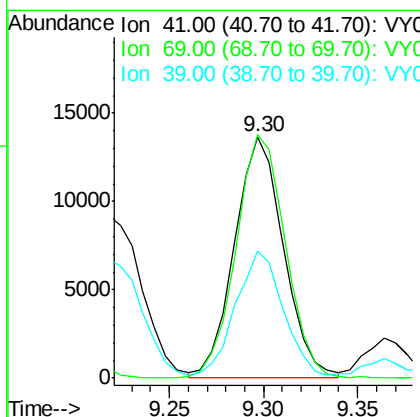
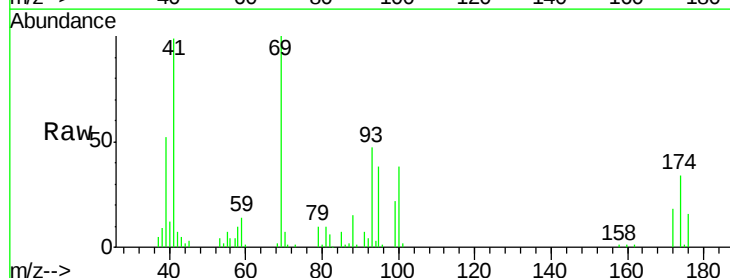
RT: 9.30 min Scan# 1240

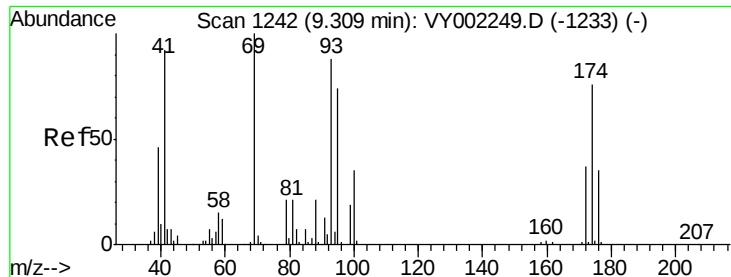
Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion:	41	Resp:	24584
Ion	Ratio	Lower	Upper
41	100		
69	101.9	76.7	115.1
39	49.9	40.5	60.7





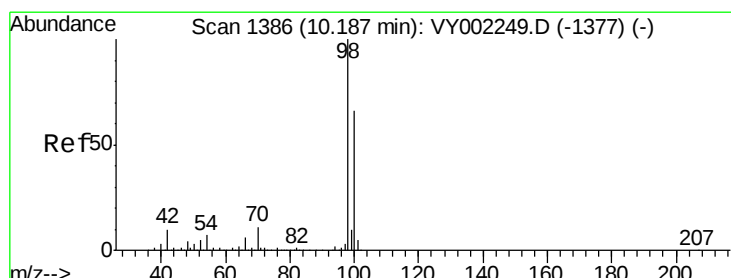
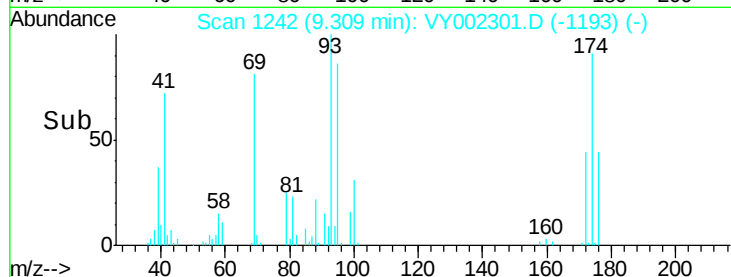
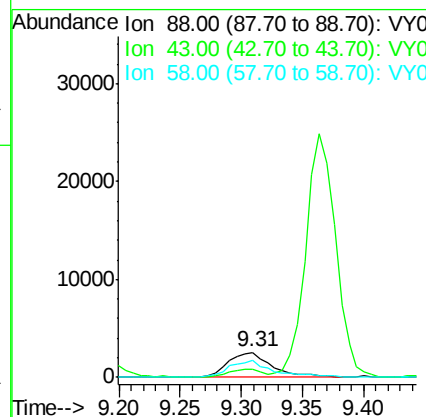
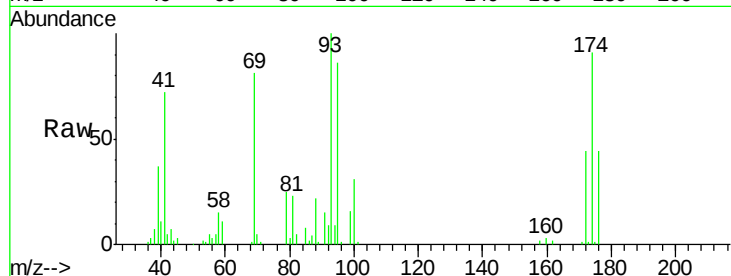
#49
1,4-Dioxane
Concen: 380.095 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.5	22.2	33.2
58	67.9	57.6	86.4

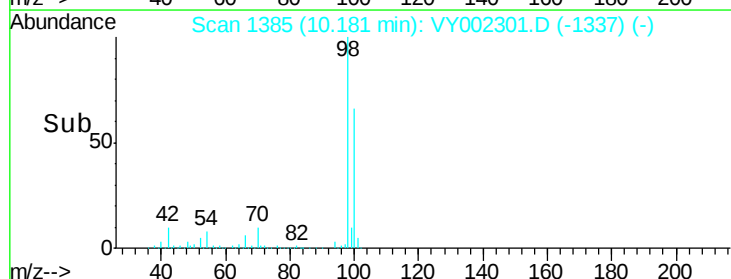
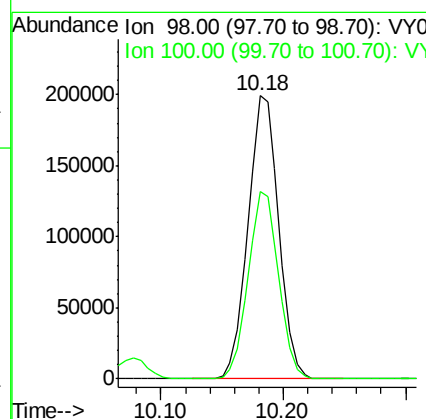
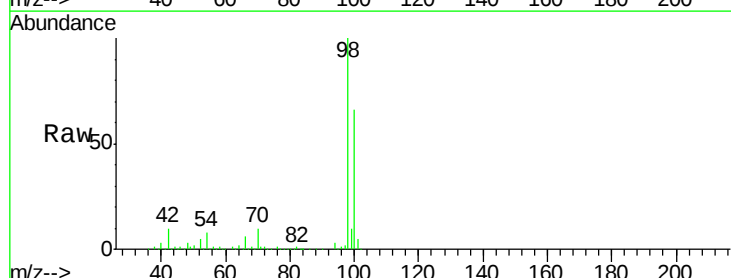
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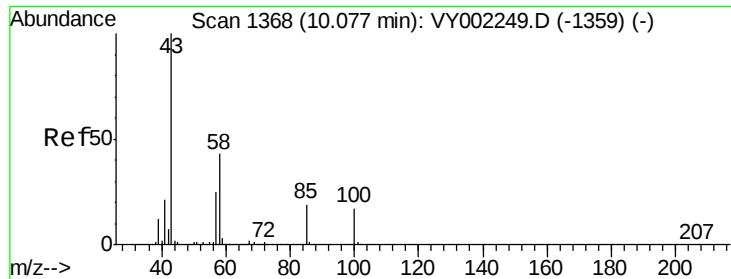
MMDadoda
4/15/2020 9:38:20 AM



#50
Toluene-d8
Concen: 45.617 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8





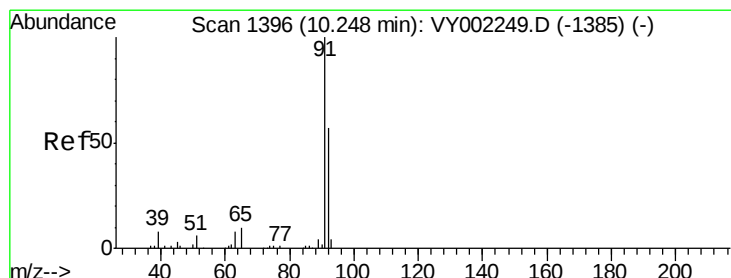
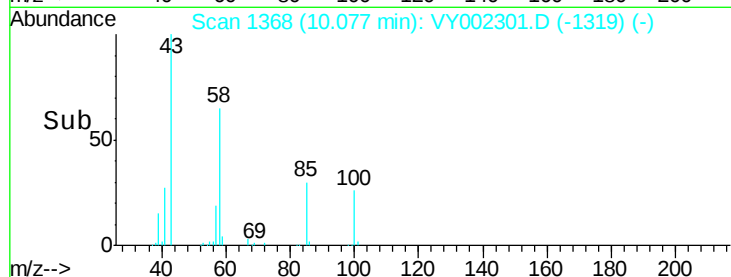
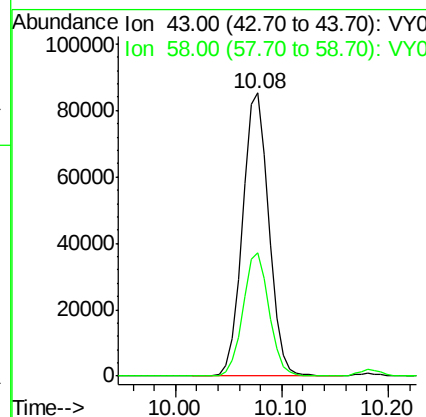
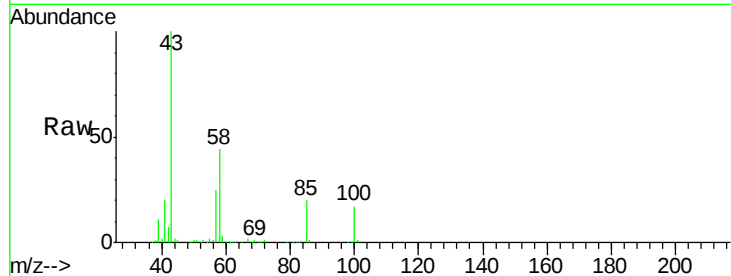
#51
4-Methyl-2-Pentanone
Concen: 90.944 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion: 43 Resp: 148314
Ion Ratio Lower Upper
43 100
58 43.0 33.8 50.8

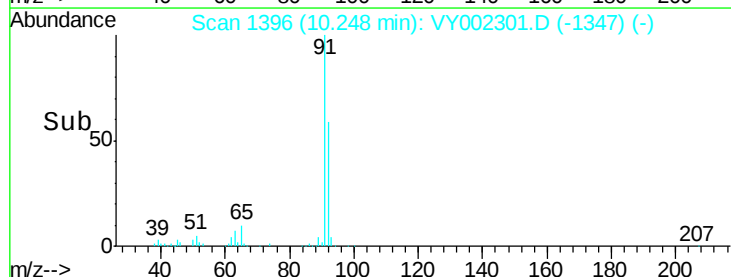
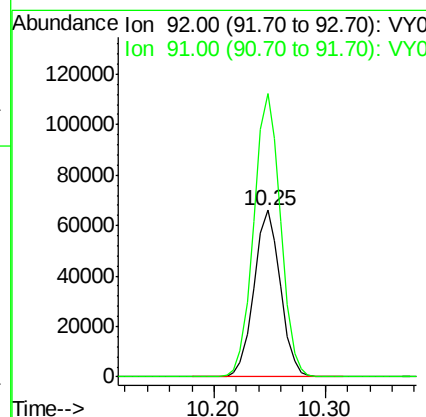
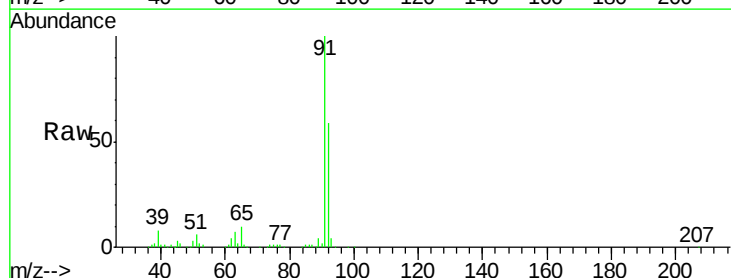
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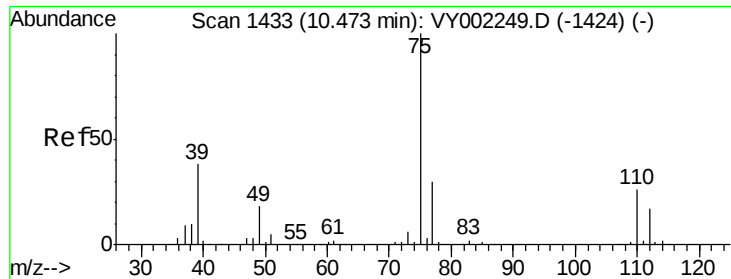
MMDadoda
4/15/2020 9:38:20 AM



#52
Toluene
Concen: 19.783 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 92 Resp: 108657
Ion Ratio Lower Upper
92 100
91 172.8 139.0 208.6





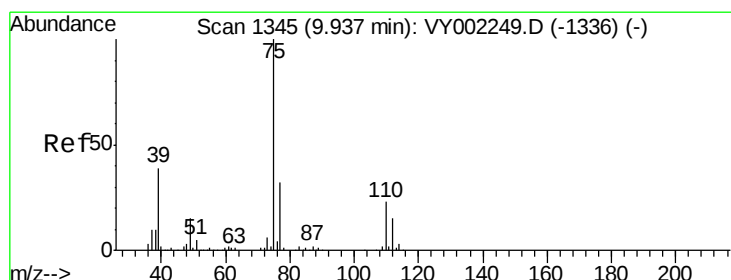
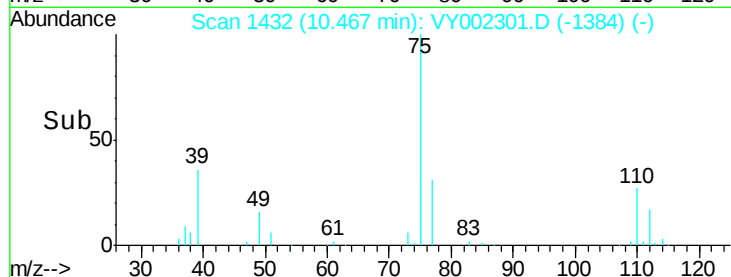
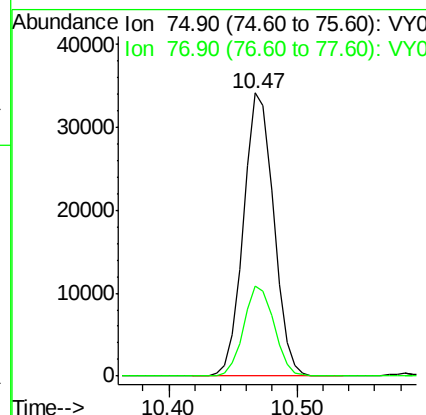
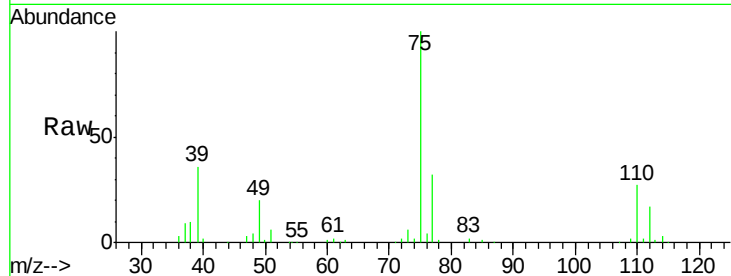
#53
 t-1,3-Dichloropropene
 Concen: 18.703 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion: 75 Resp: 55283
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.2

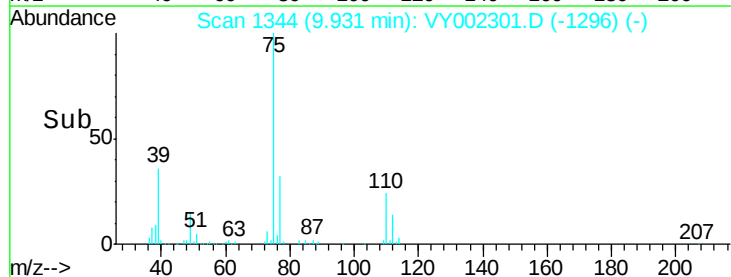
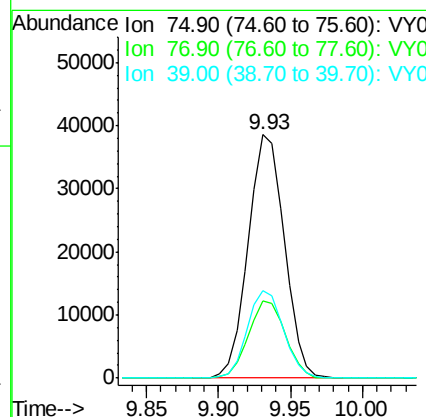
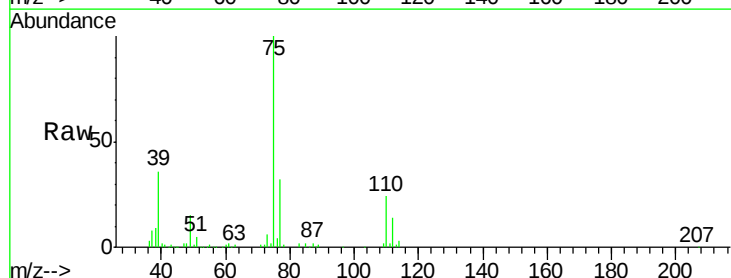
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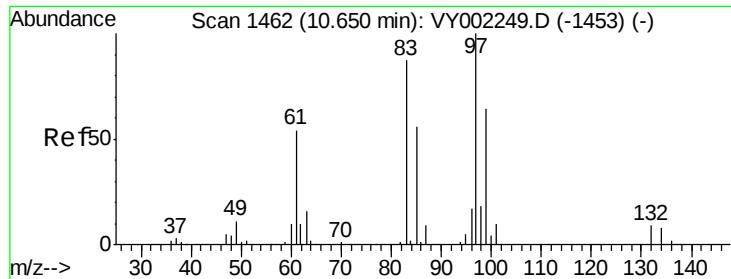
MMDadoda
 4/15/2020 9:38:20 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.870 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 75 Resp: 67057
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 35.8 30.8 46.2





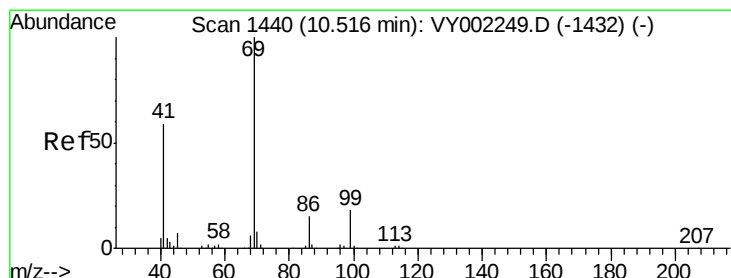
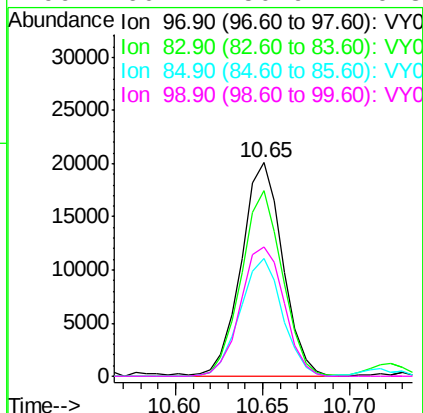
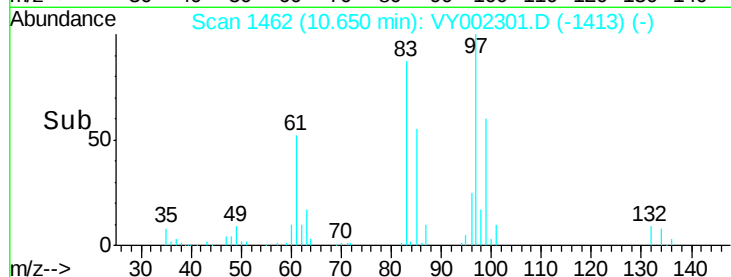
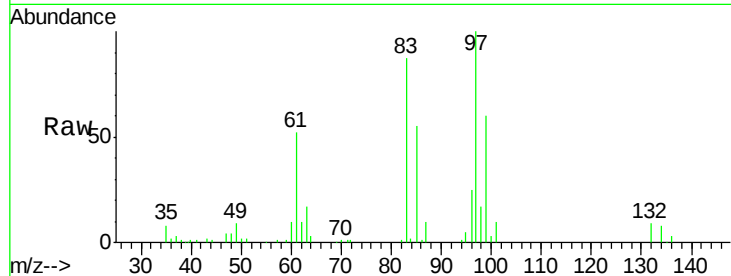
#55
 1,1,2-Trichloroethane
 Concen: 19.197 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		33230		
83	87.0	69.5	104.3		
85	55.4	45.2	67.8		
99	60.4	50.9	76.3		

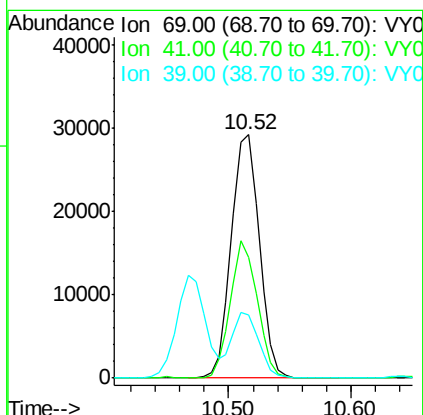
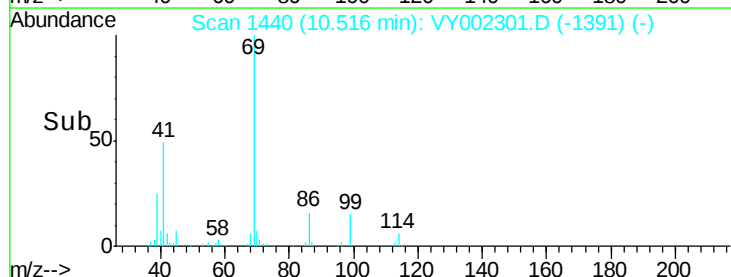
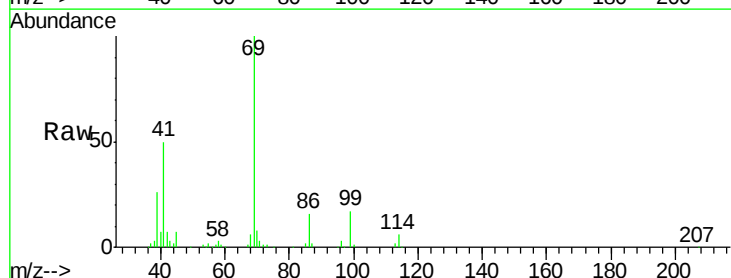
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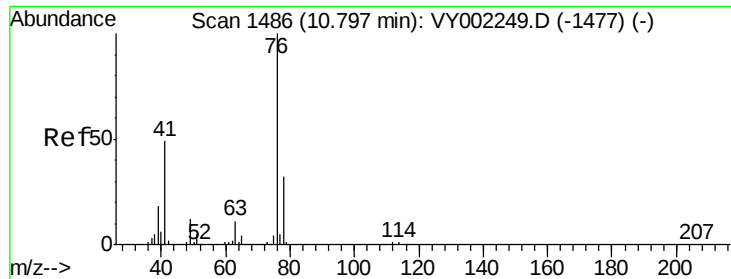
MMDadoda
 4/15/2020 9:38:20 AM



#56
 Ethyl methacrylate
 Concen: 18.801 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		46448		
41	54.2	47.9	71.9		
39	26.1	23.8	35.6		





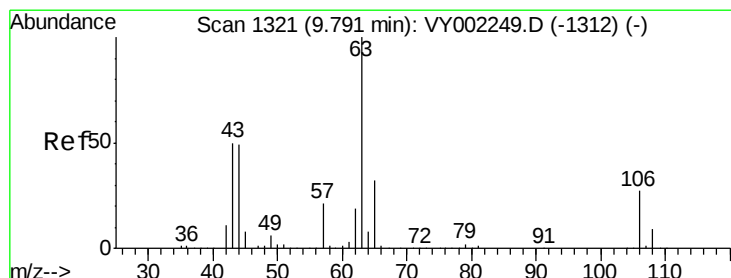
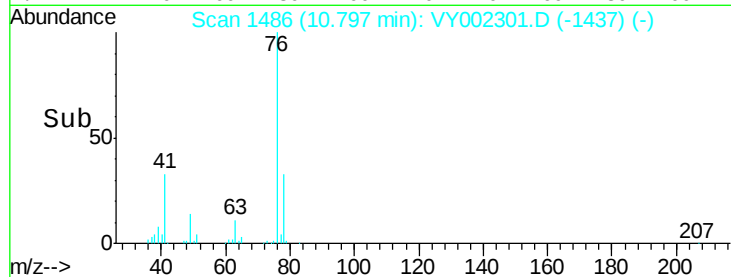
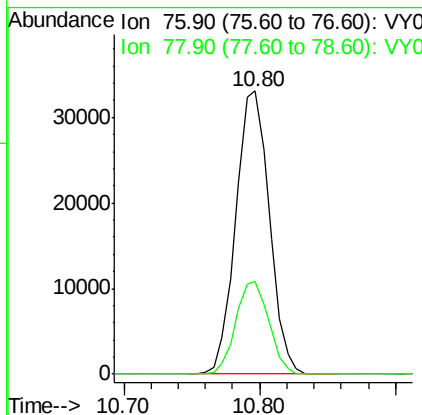
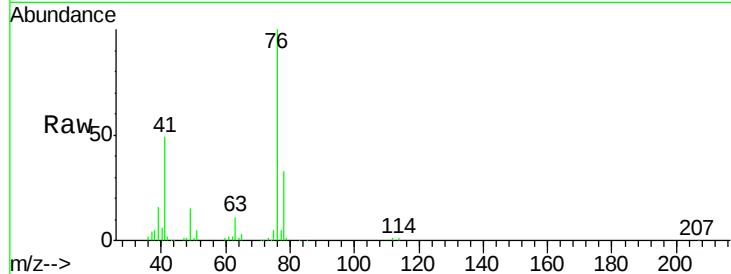
#57
 1,3-Dichloropropane
 Concen: 18.718 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

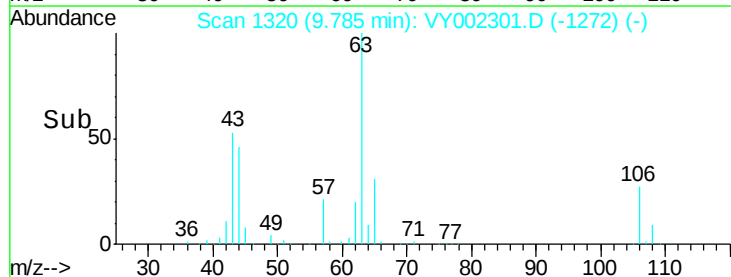
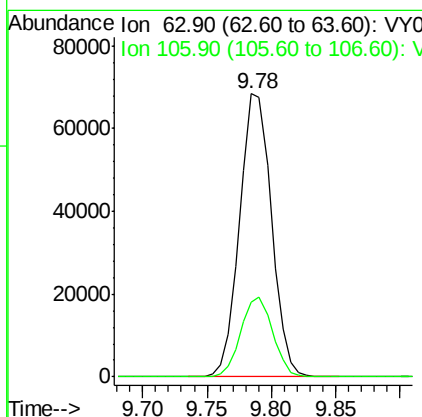
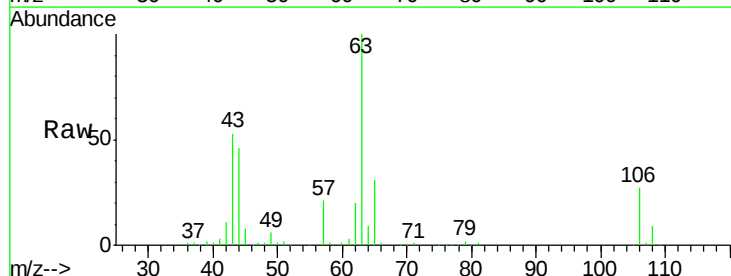
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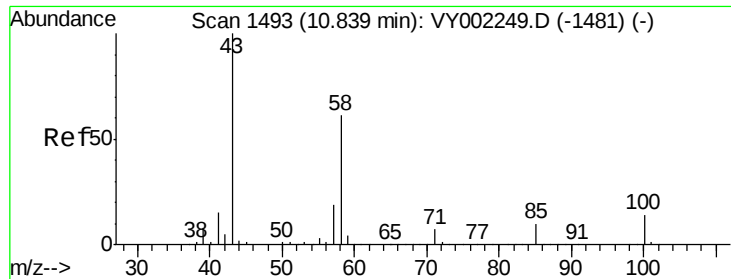
MMDadoda
 4/15/2020 9:38:20 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.602 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.2	33.2





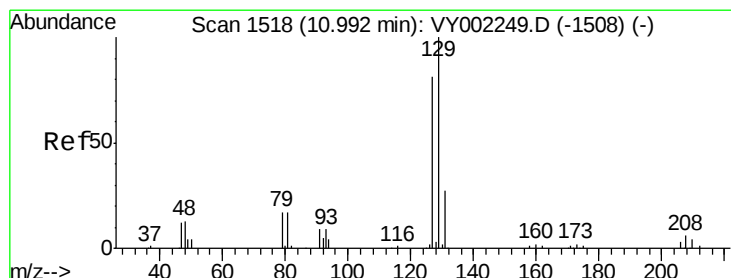
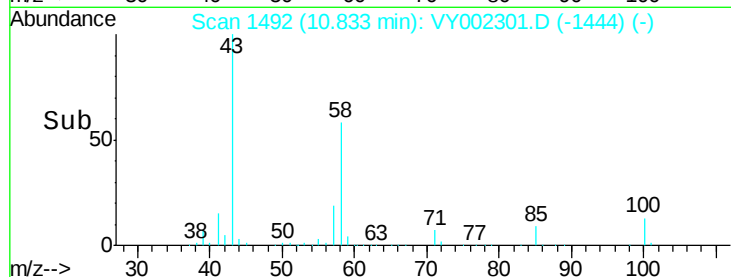
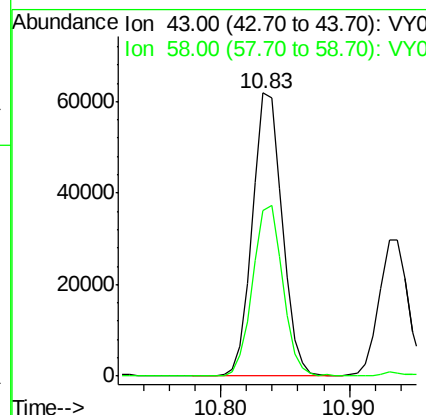
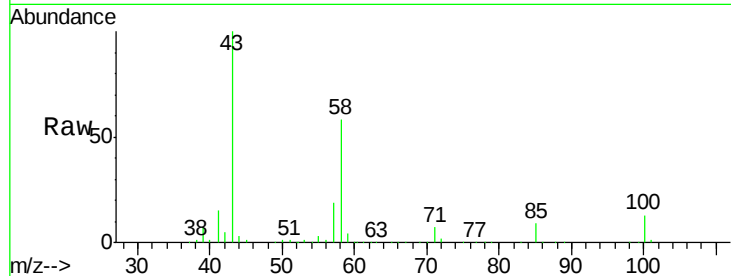
#59
2-Hexanone
Concen: 87.050 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	60.8		29.8	89.3	

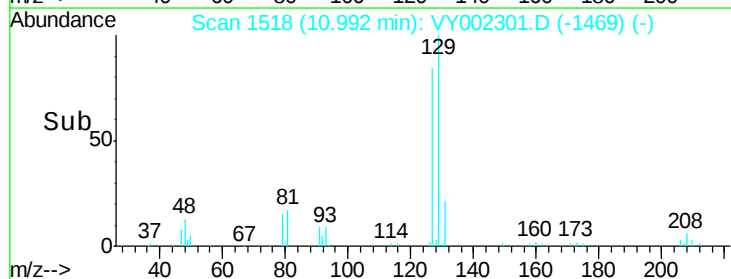
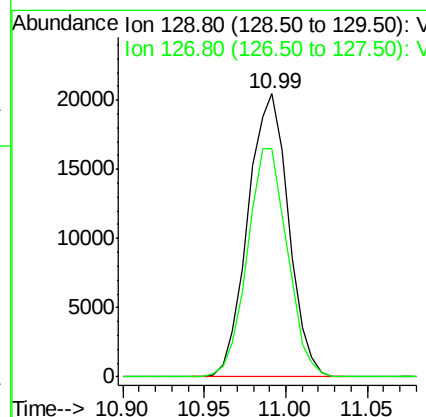
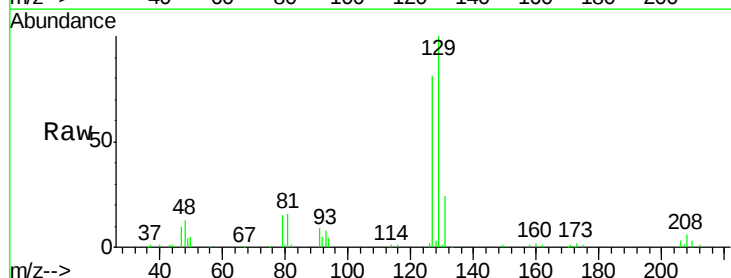
Manual Integrations
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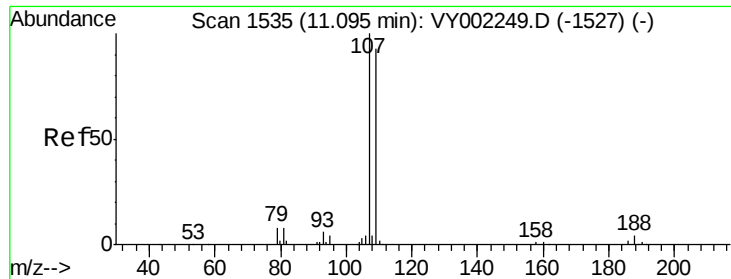
MMDadoda
4/15/2020 9:38:20 AM



#60
Dibromochloromethane
Concen: 19.211 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	129	127	Resp	Lower	Upper
129	100				
127	79.5		39.0	117.0	





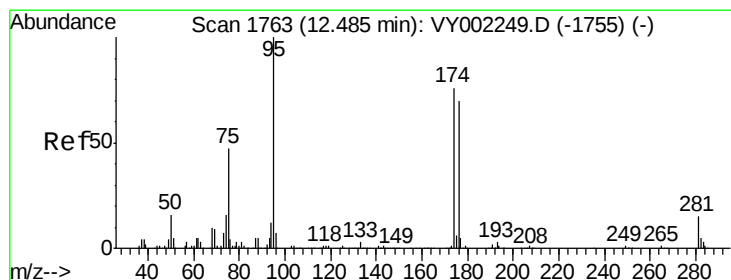
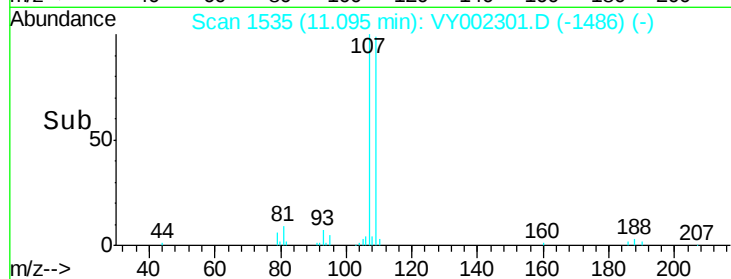
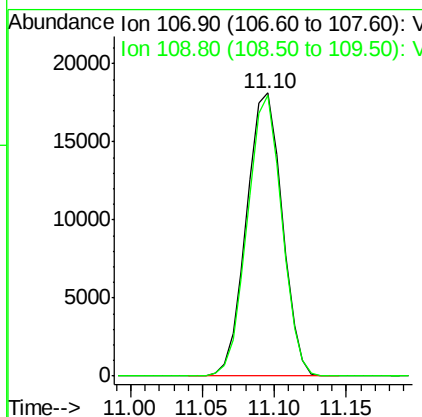
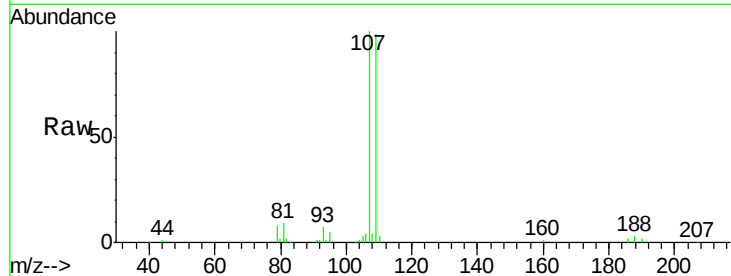
#61
 1,2-Dibromoethane
 Concen: 18.849 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.6	113.4

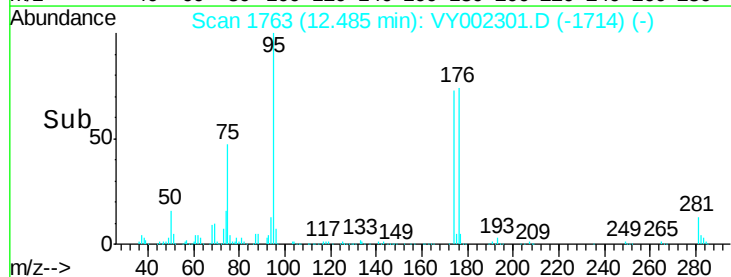
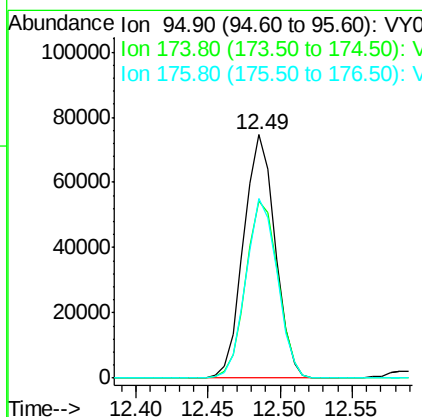
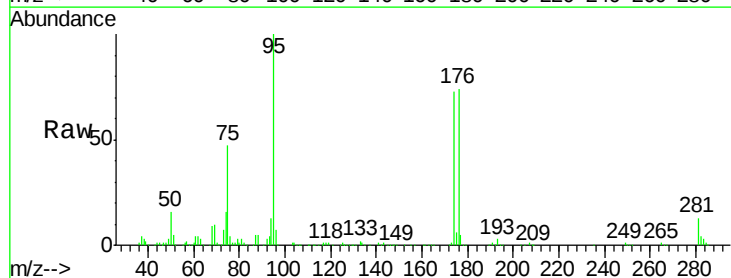
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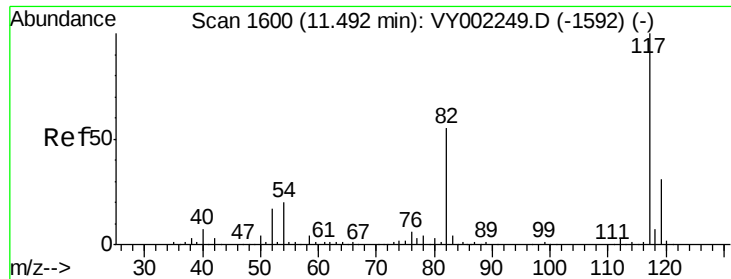
MMDadoda
 4/15/2020 9:38:20 AM



#62
 4-Bromofluorobenzene
 Concen: 45.249 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.6
176	73.2	0.0	141.4





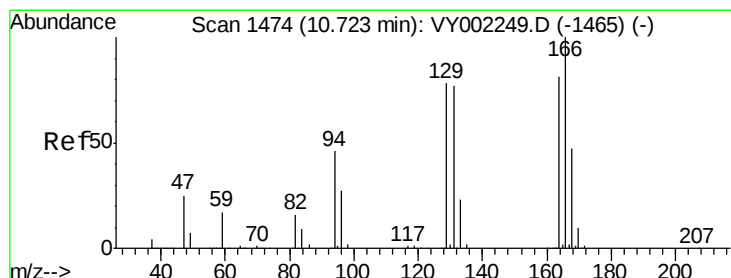
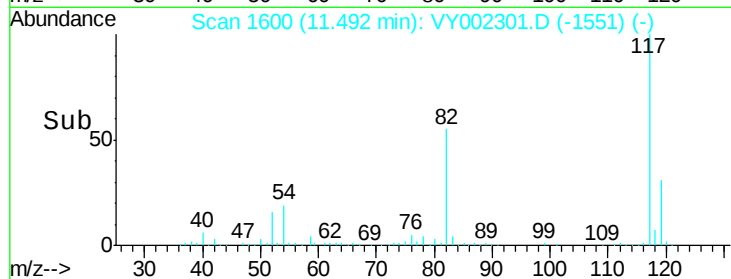
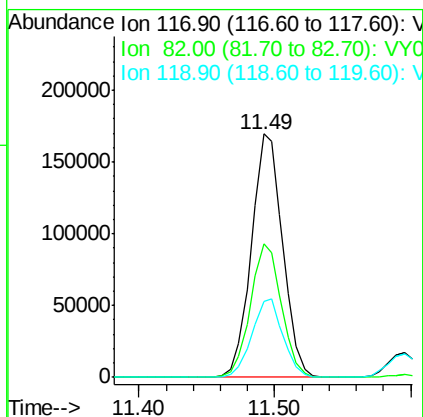
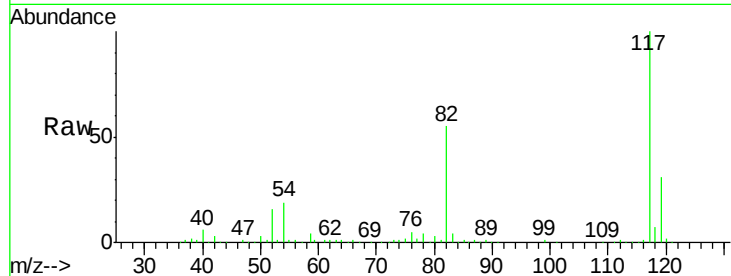
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.4
119	31.4	25.1	37.7

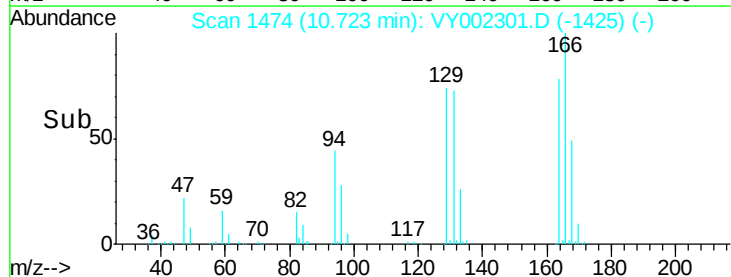
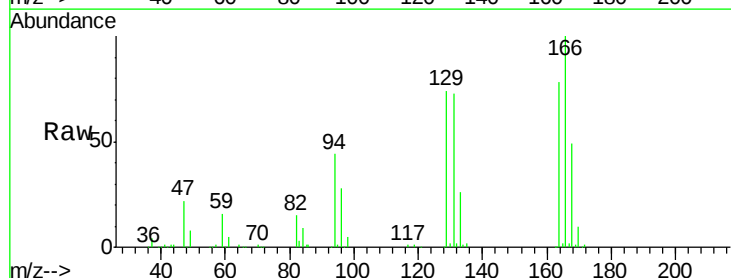
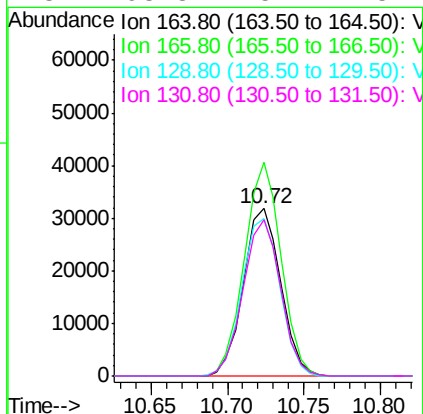
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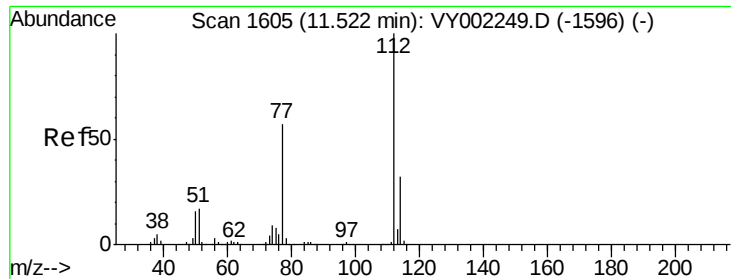
MMDadoda
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#64
Tetrachloroethene
Concen: 19.615 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	98.4	147.6
129	94.6	76.6	115.0
131	93.8	75.4	113.2





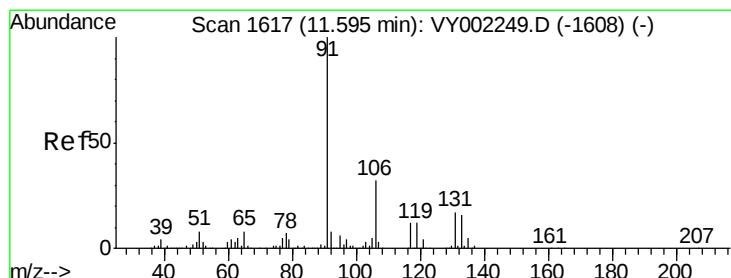
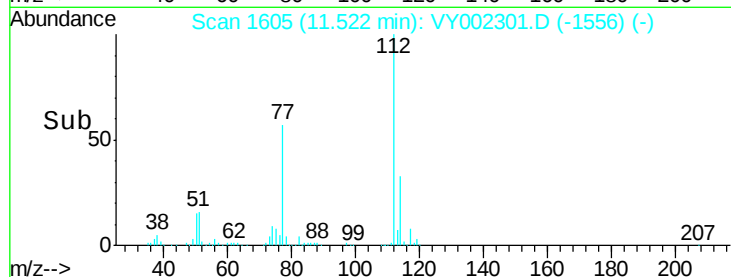
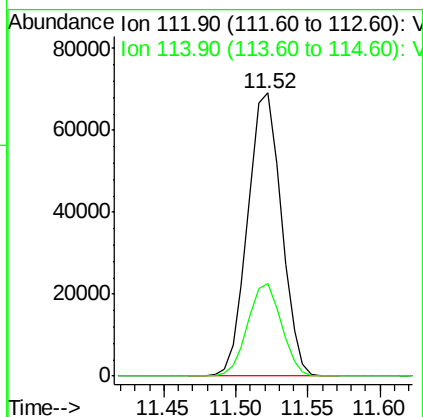
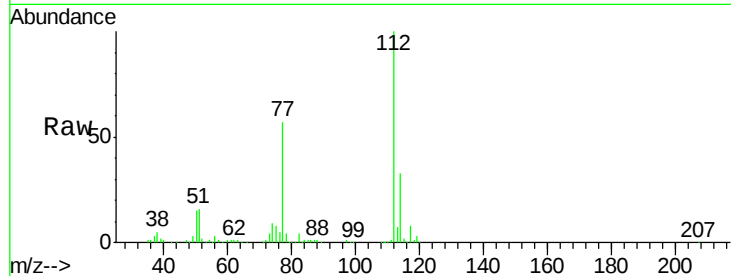
#65
Chlorobenzene
Concen: 19.715 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.6	38.4

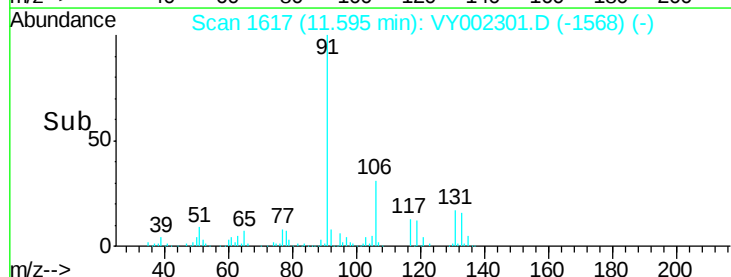
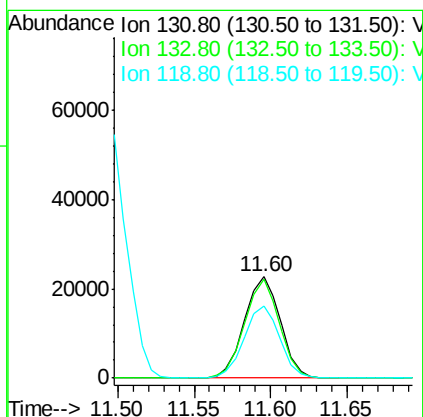
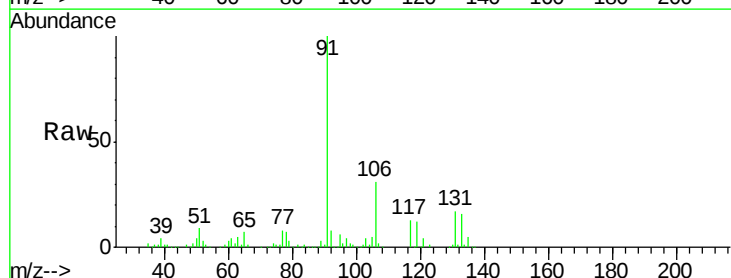
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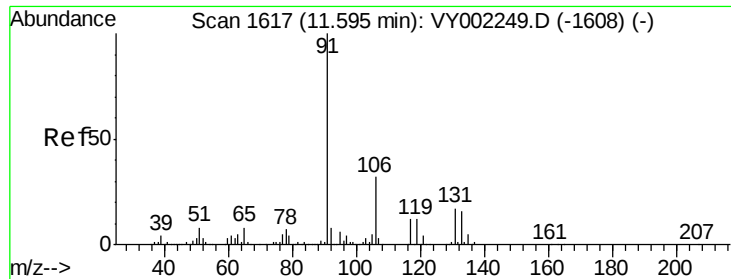
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.778 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	46.5	139.3
119	70.1	34.5	103.6





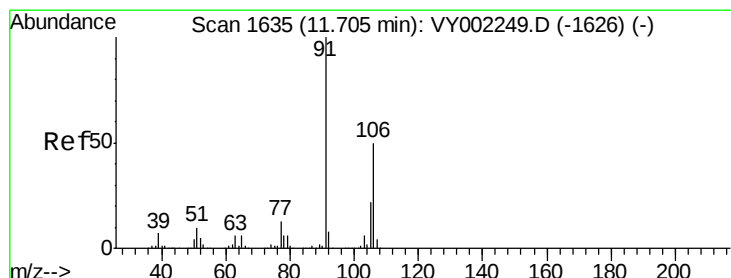
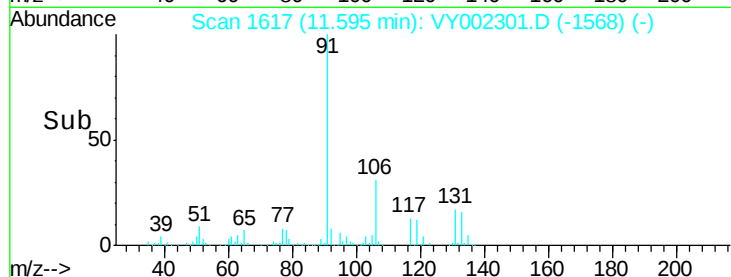
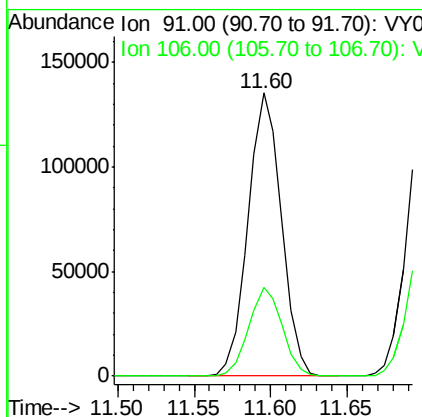
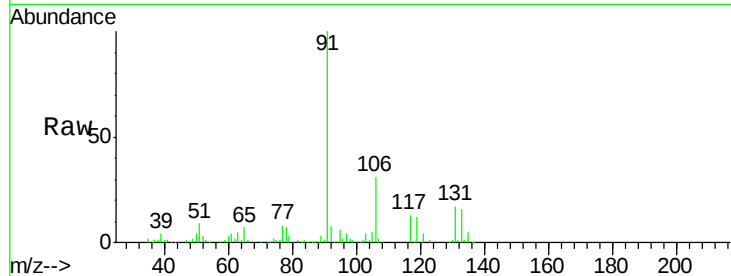
#67
Ethyl Benzene
Concen: 19.764 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion: 91 Resp: 205283
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0

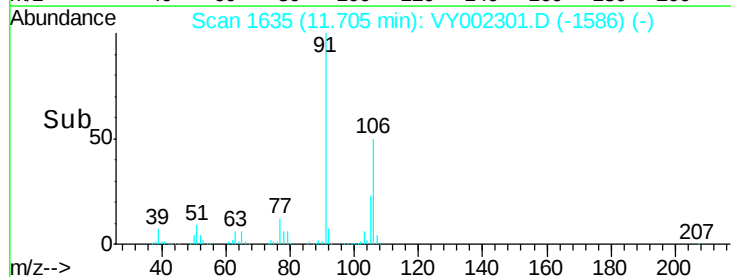
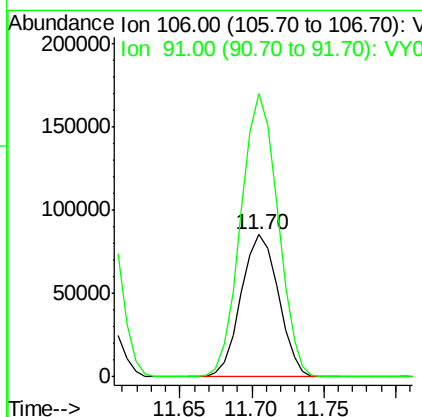
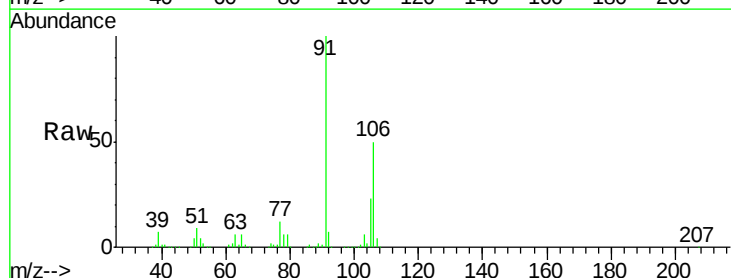
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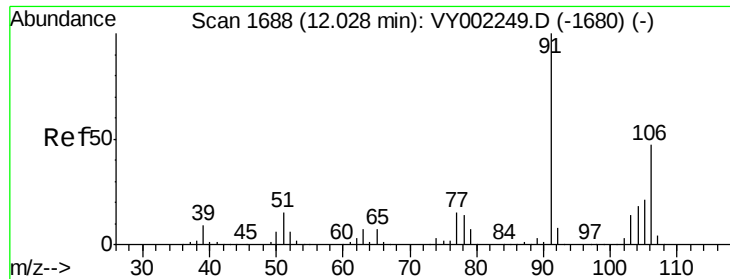
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#68
m/p-Xylenes
Concen: 39.673 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 106 Resp: 154337
Ion Ratio Lower Upper
106 100
91 197.5 159.8 239.6





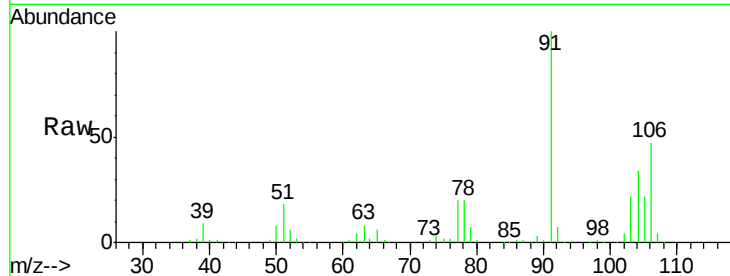
#69
o-Xylene
Concen: 19.639 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

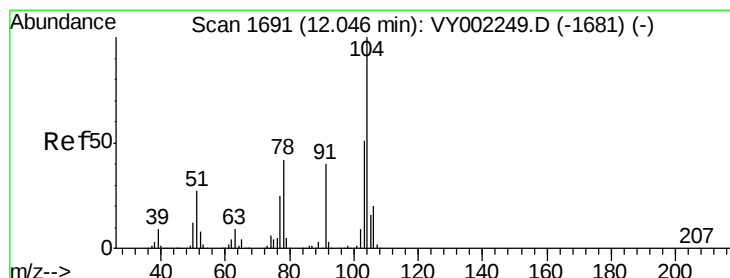
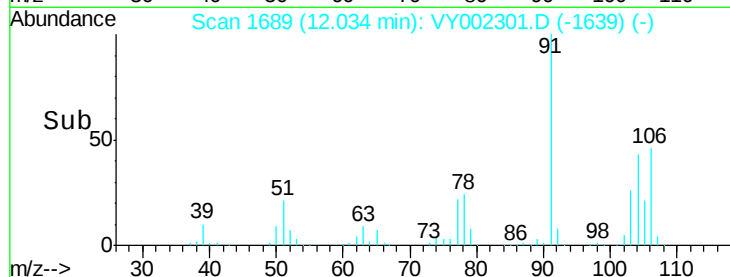
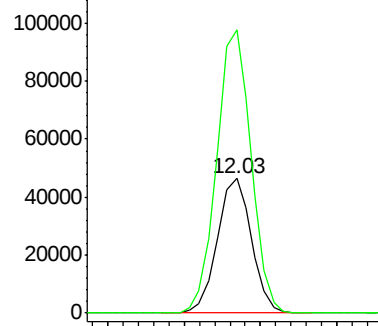
Tot Ion:106 Resp: 71727
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3

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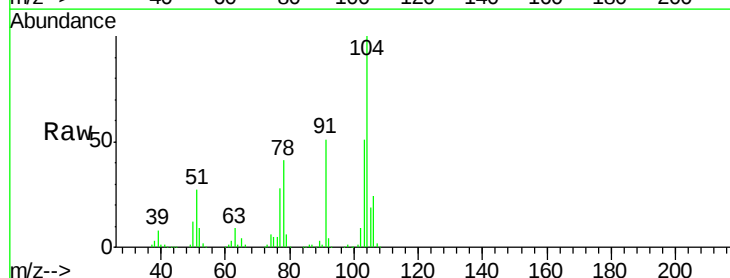


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

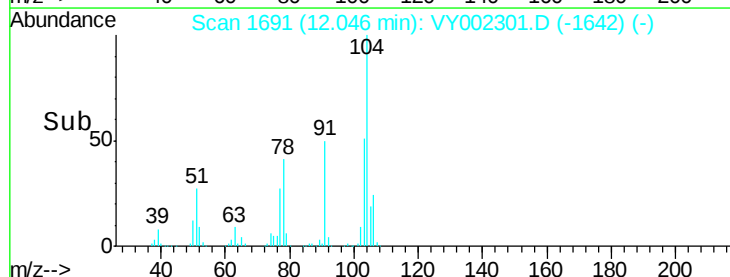
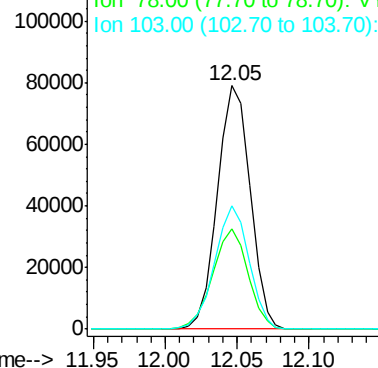


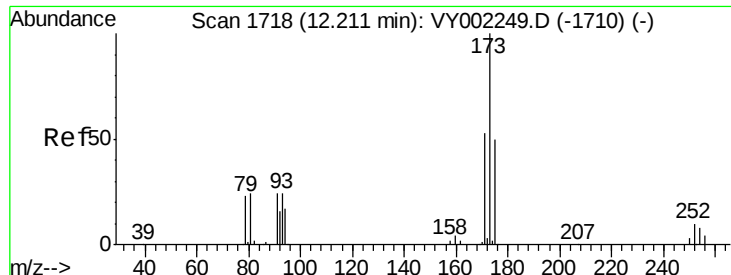
#70
Styrene
Concen: 19.630 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:104 Resp: 124385
Ion Ratio Lower Upper
104 100
78 44.5 37.2 55.8
103 53.4 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.981 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion:173 Resp: 19335

Ion Ratio Lower Upper

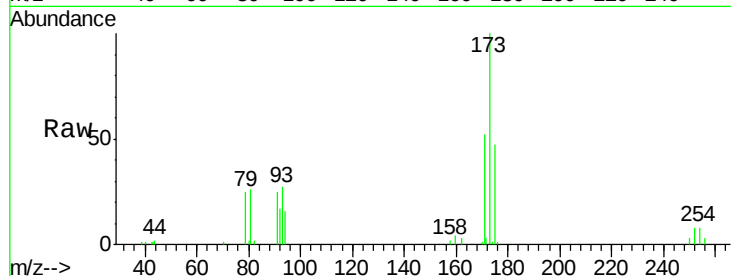
173 100

175 47.5 24.1 72.3

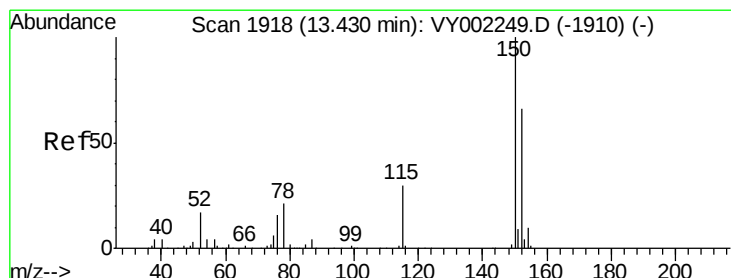
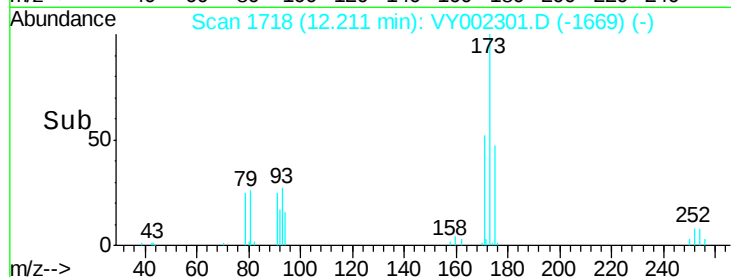
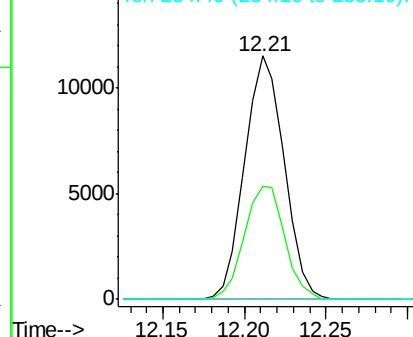
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

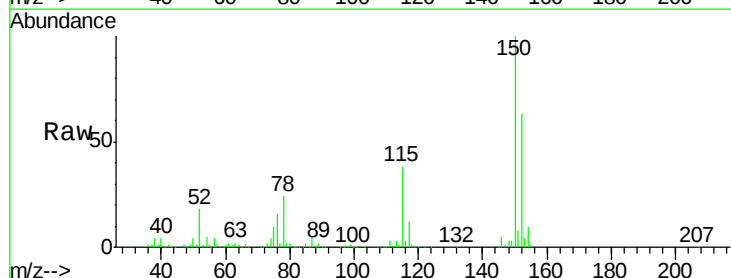
Tgt Ion:152 Resp: 125829

Ion Ratio Lower Upper

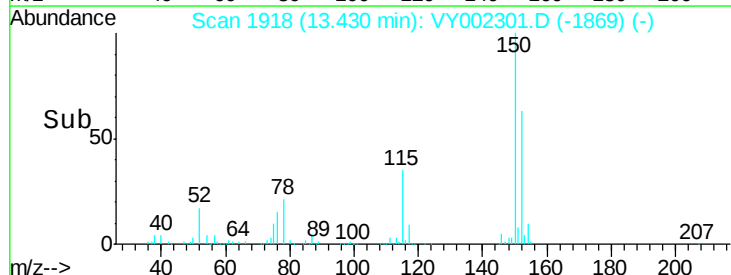
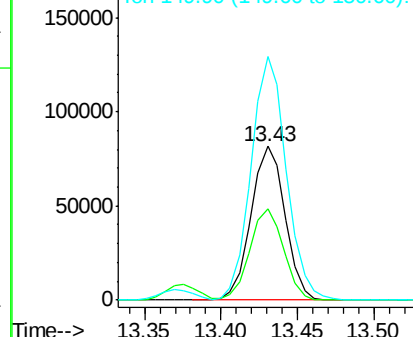
152 100

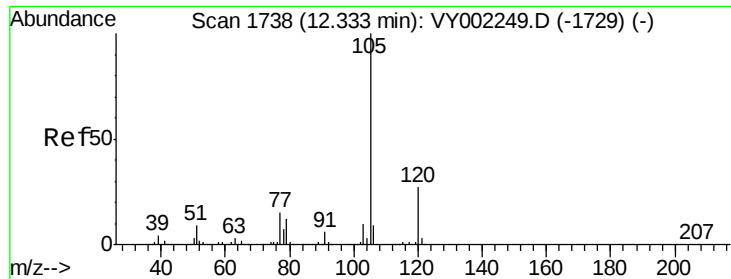
115 59.0 30.7 92.1

150 164.1 0.0 350.6



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





#73

Isopropylbenzene

Concen: 19.524 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion:105 Resp: 192995

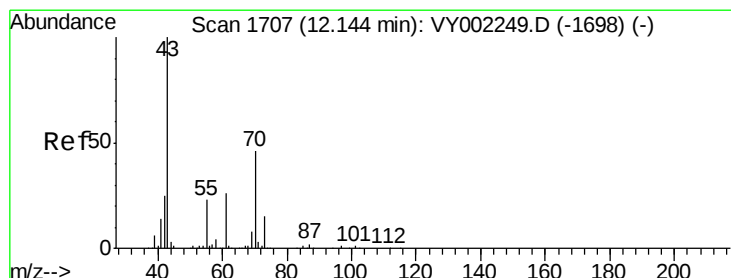
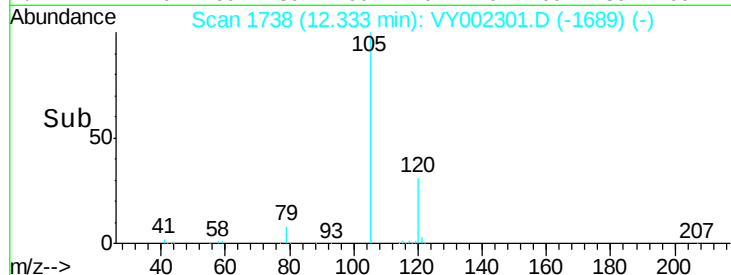
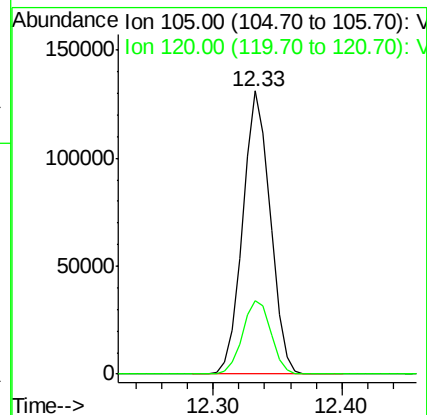
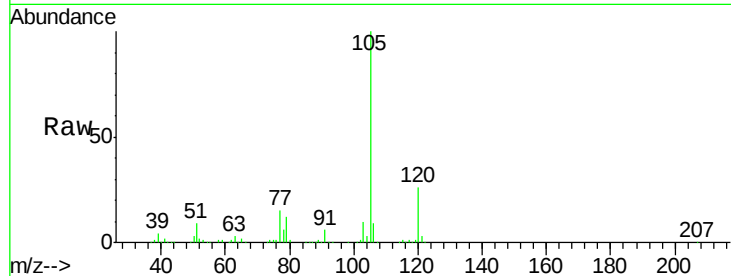
Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8

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#74

N-ethyl acetate

Concen: 17.198 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion: 43 Resp: 48258

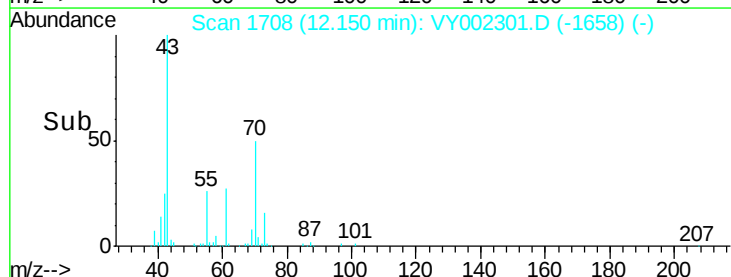
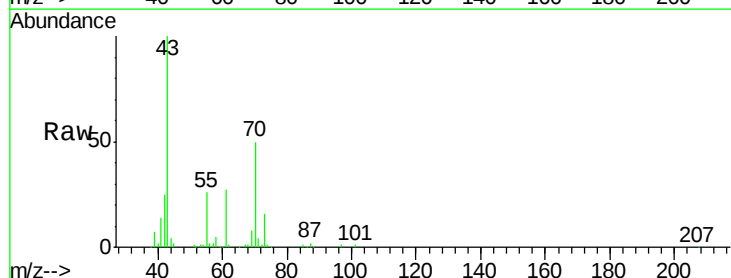
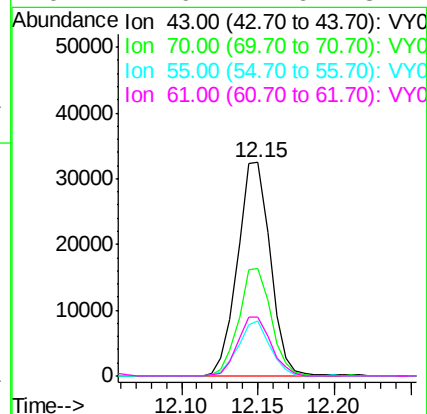
Ion Ratio Lower Upper

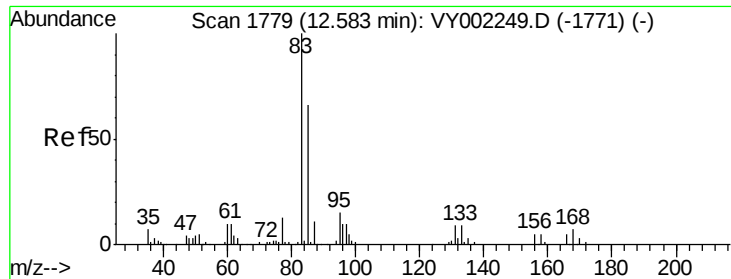
43 100

70 49.7 37.5 56.3

55 25.2 19.0 28.6

61 27.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.465 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

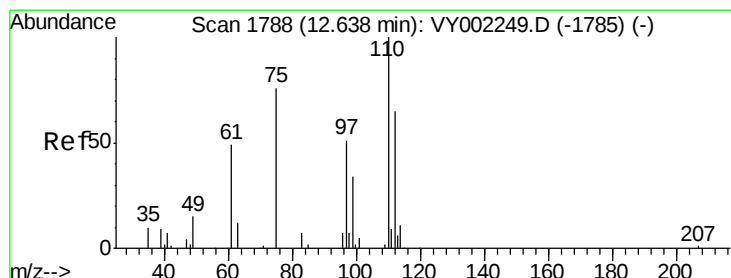
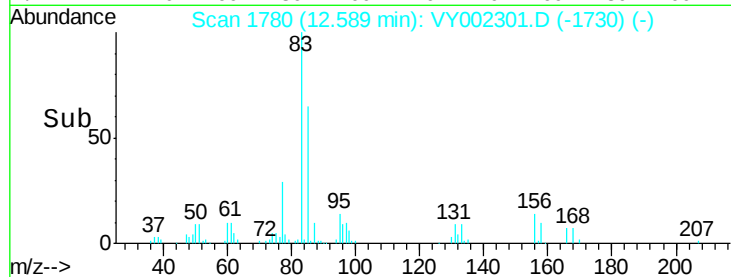
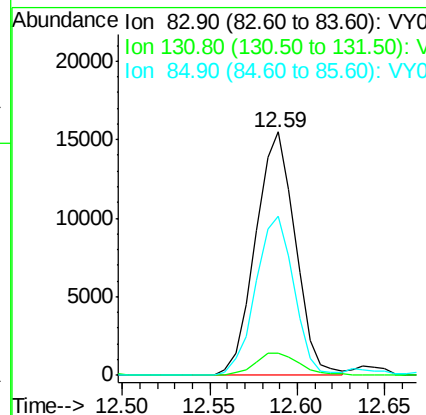
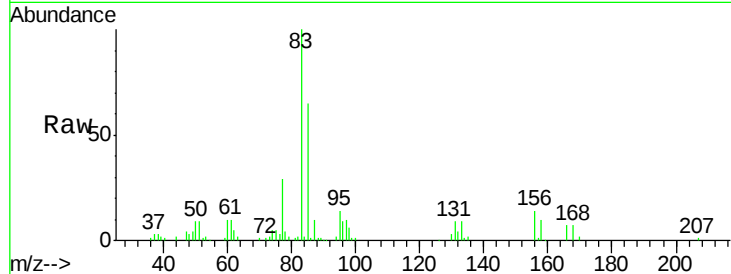
ClientSampleId :

VY0414SBS01

Tot Ion:	83	Resp:	24476
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.9	14.7
85	62.7	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.090 ug/l m

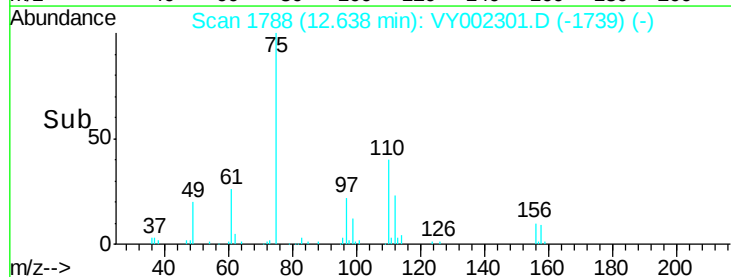
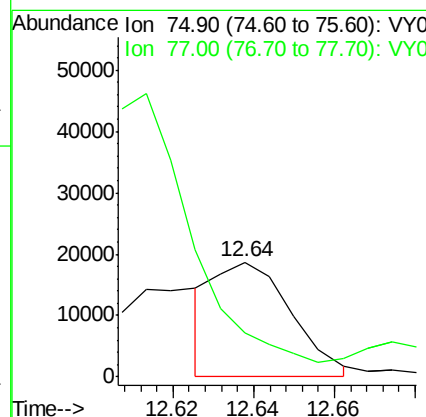
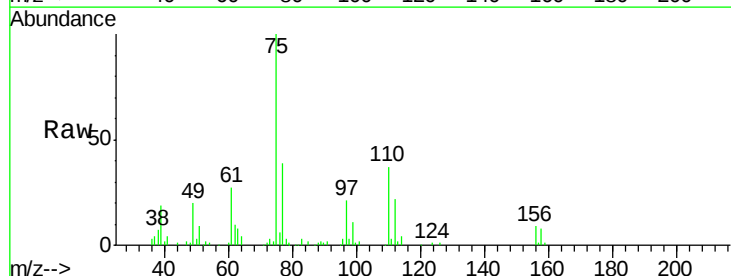
RT: 12.64 min Scan# 1788

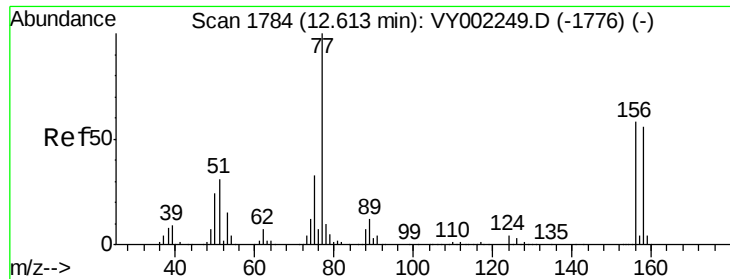
Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion:	75	Resp:	24971
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





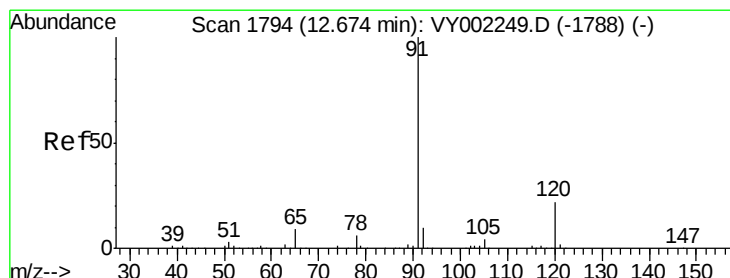
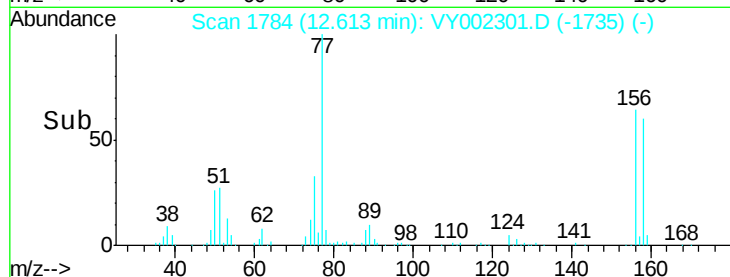
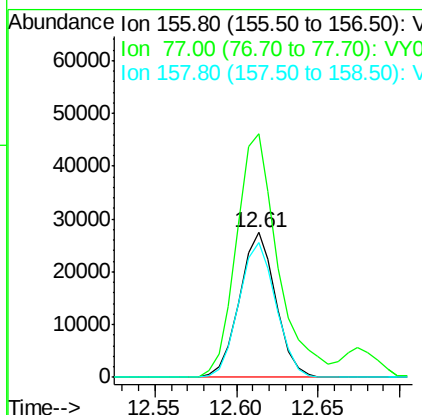
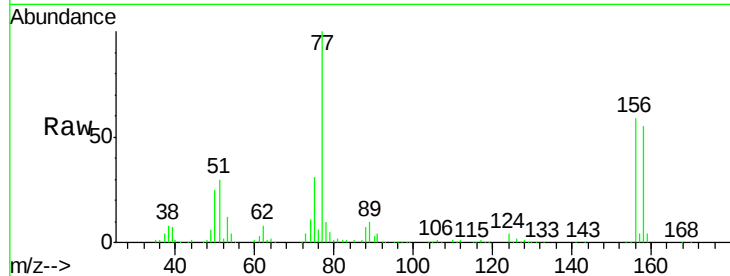
#77
Bromobenzene
Concen: 19.504 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	193.4	101.3	303.9	
158	94.8	48.3	144.8	

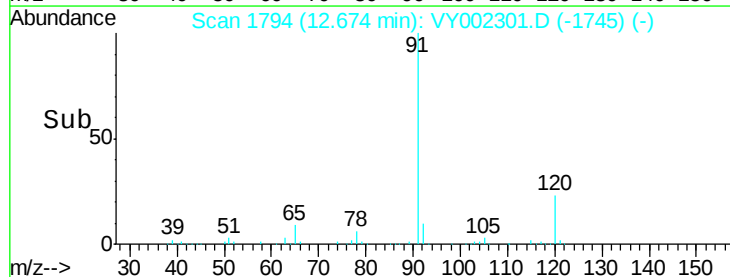
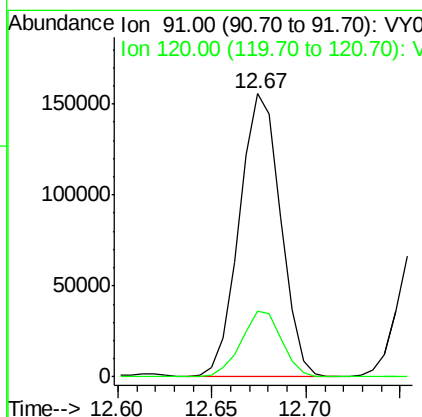
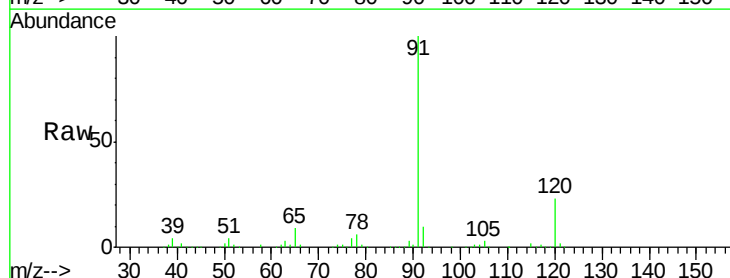
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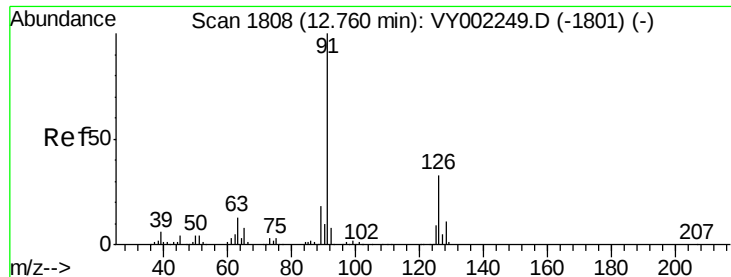
MMDadoda
4/15/2020 9:38:20 AM



#78
n-propylbenzene
Concen: 19.253 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.2	33.5	





#79

2-Chlorotoluene

Concen: 19.342 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tot Ion: 91 Resp: 129232

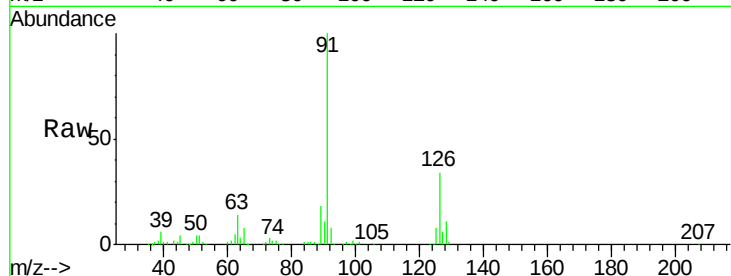
Ion Ratio Lower Upper

91 100

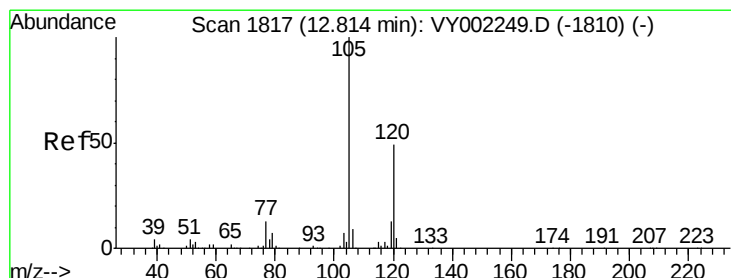
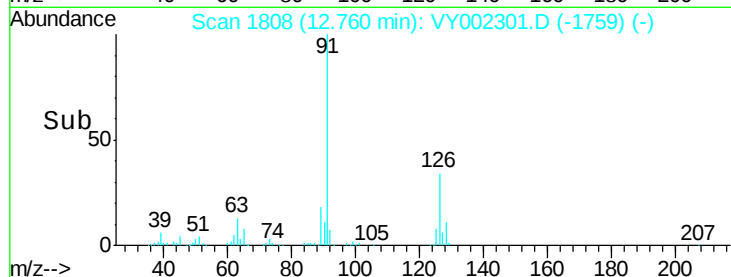
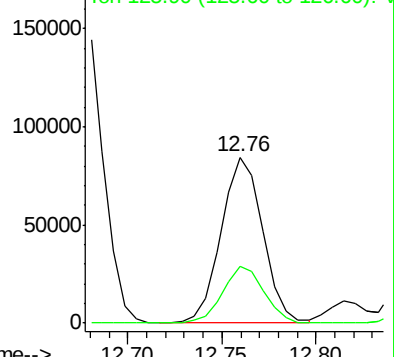
126 34.3 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.455 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002301.D

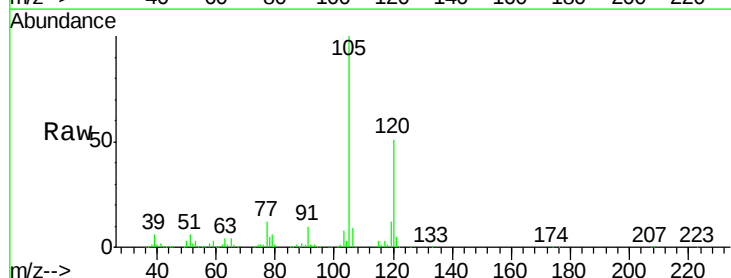
Acq: 14 Apr 2020 12:28

Tgt Ion:105 Resp: 159053

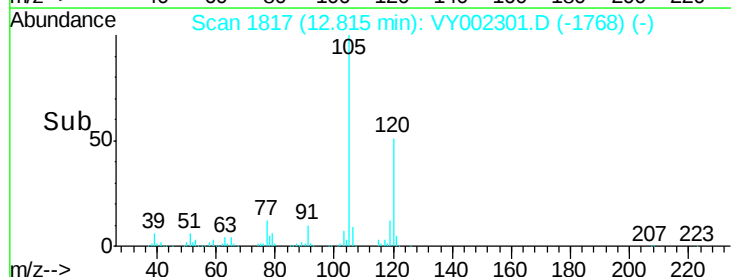
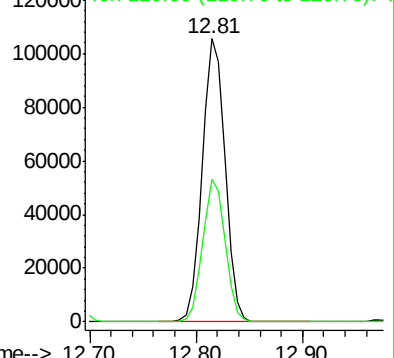
Ion Ratio Lower Upper

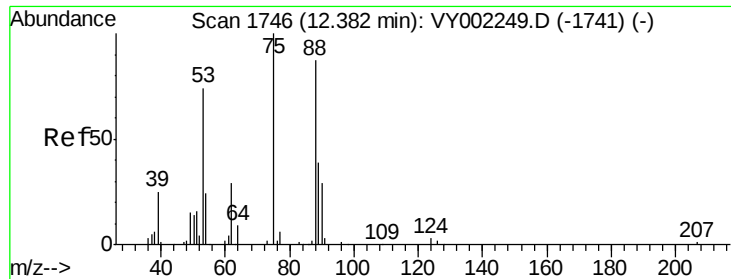
105 100

120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.844 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

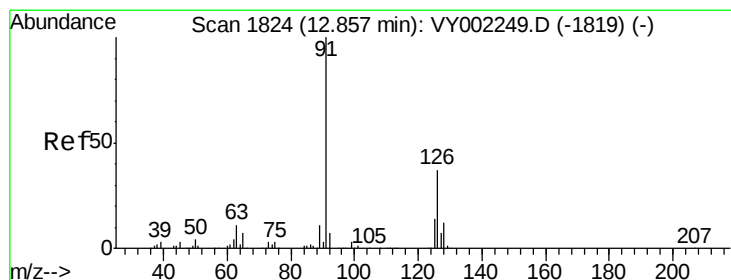
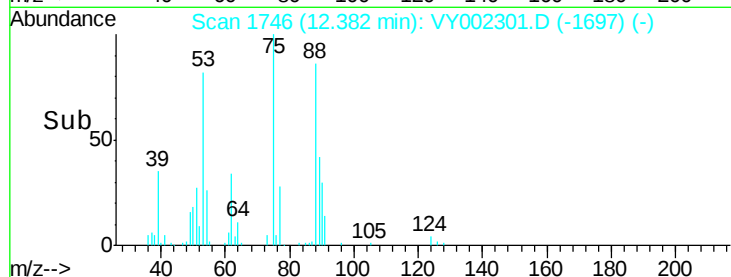
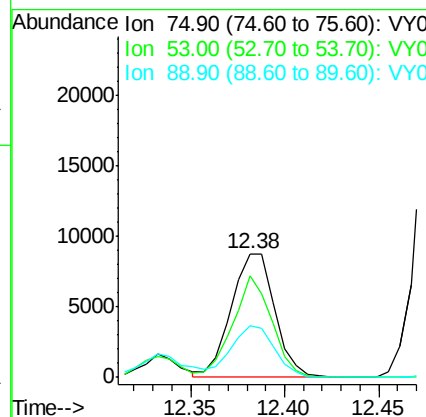
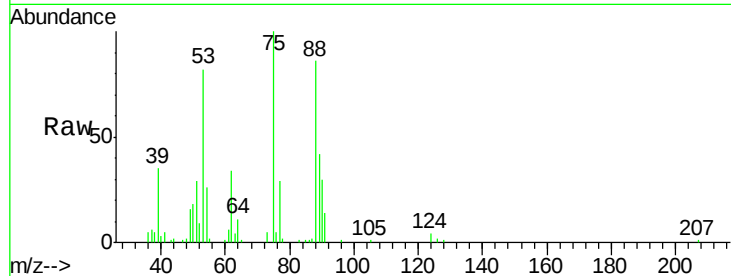
ClientSampleId :

VY0414SBS01

Tot Ion:	75	Resp:	14156
Ion	Ratio	Lower	Upper
75	100		
53	73.0	59.8	89.8
89	41.0	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.997 ug/l

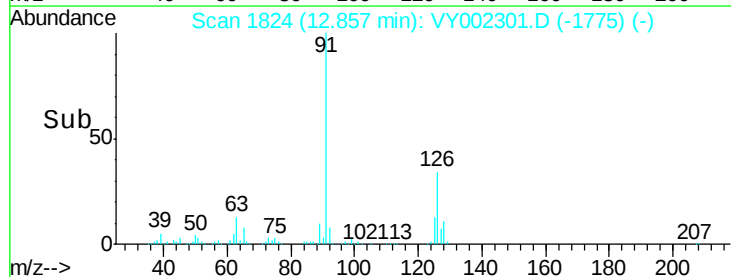
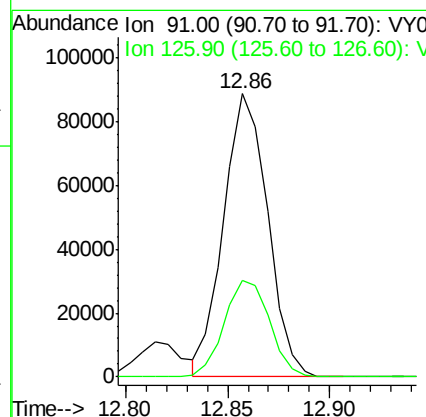
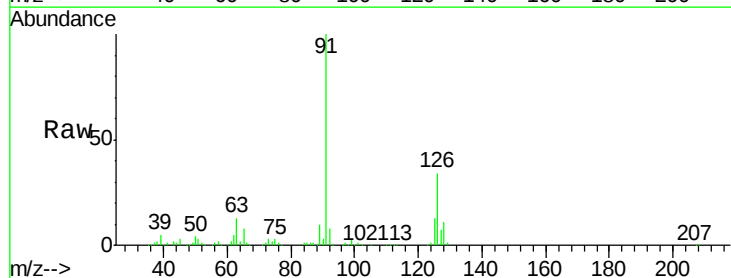
RT: 12.86 min Scan# 1824

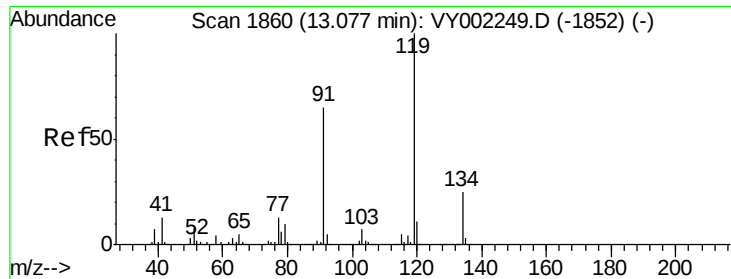
Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion:	91	Resp:	133031
Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.9	50.7





#83

tert-Butylbenzene

Concen: 19.324 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

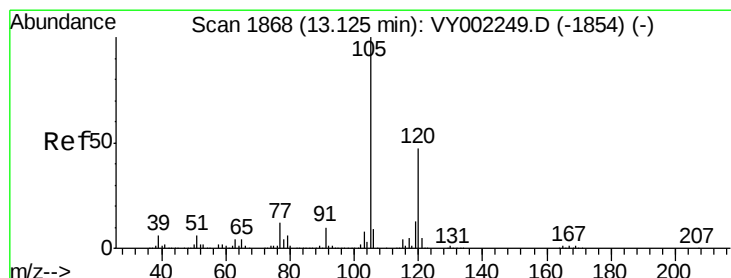
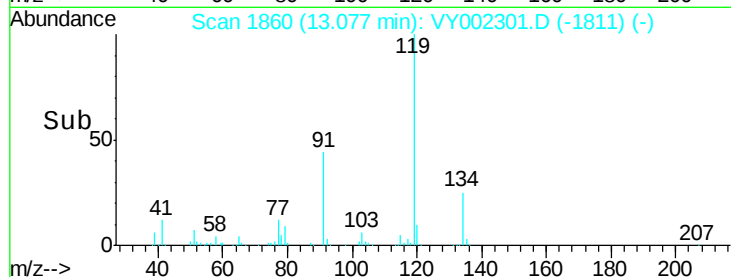
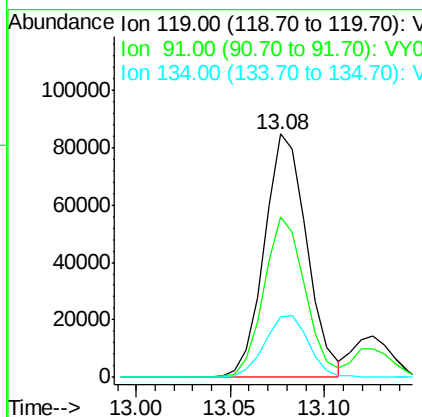
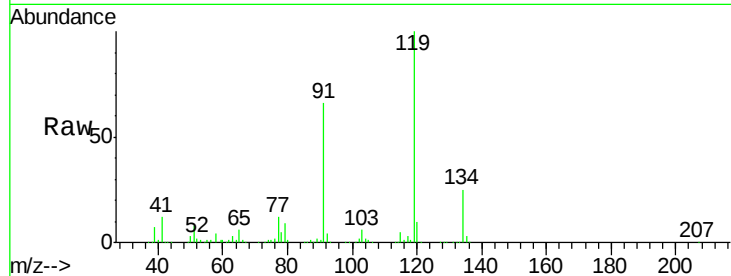
ClientSampleId :

VY0414SBS01

Tot Ion:	119	Resp:	132332
Ion Ratio	Lower	Upper	
119	100		
91	64.1	32.4	97.0
134	26.4	12.6	37.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.560 ug/l

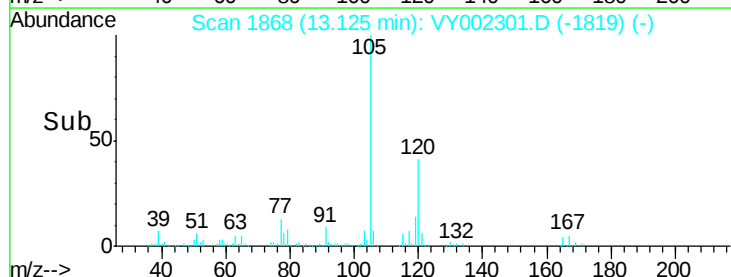
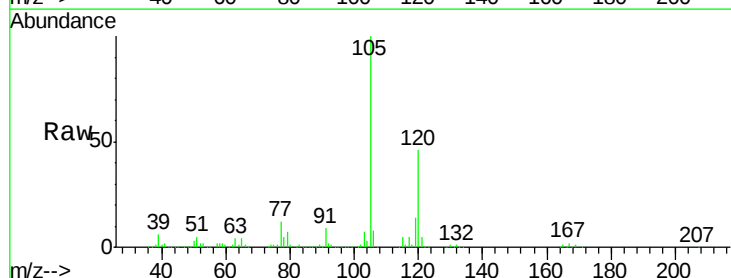
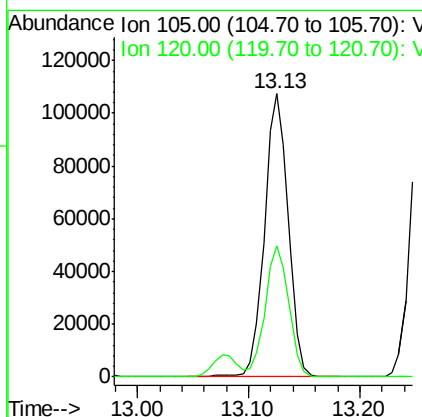
RT: 13.13 min Scan# 1868

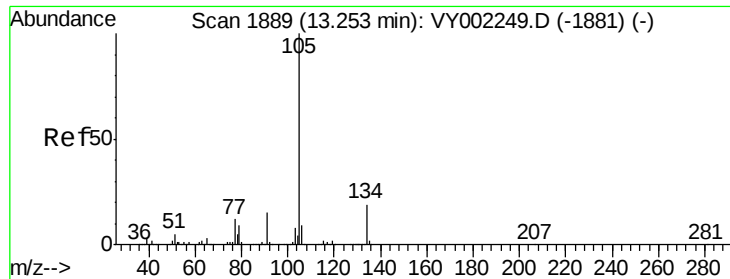
Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion:	105	Resp:	159685
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.2





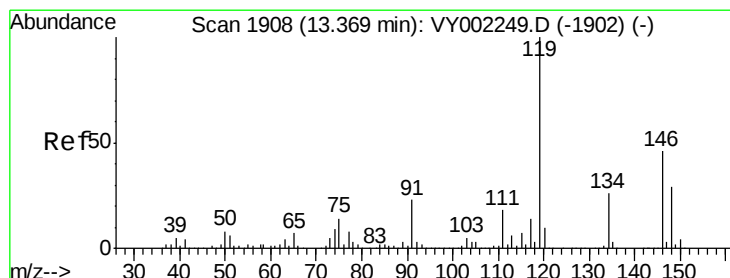
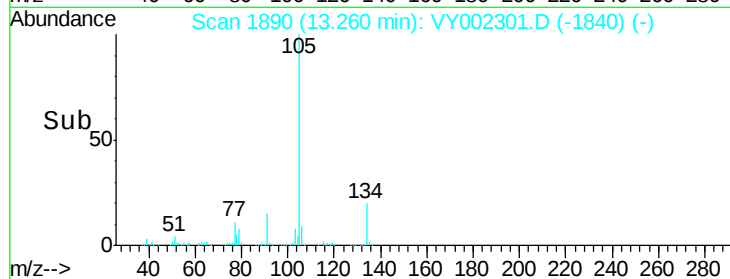
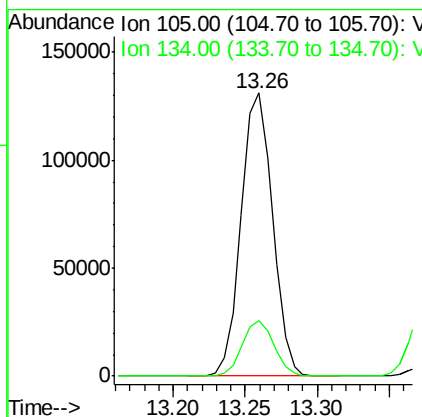
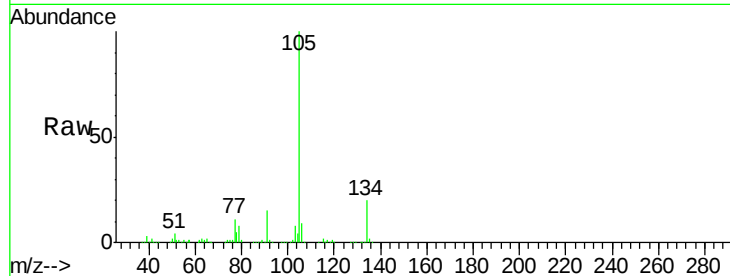
#85
 sec-Butylbenzene
 Concen: 19.464 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	198558		
134	19.6	9.8	29.3	

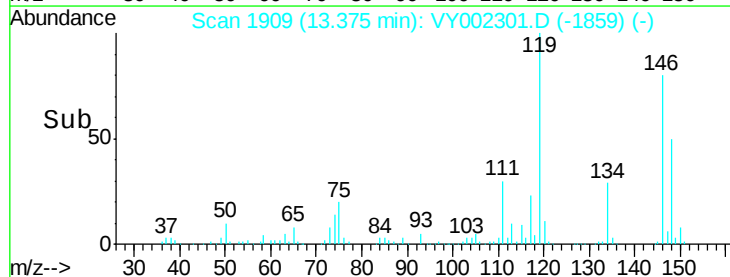
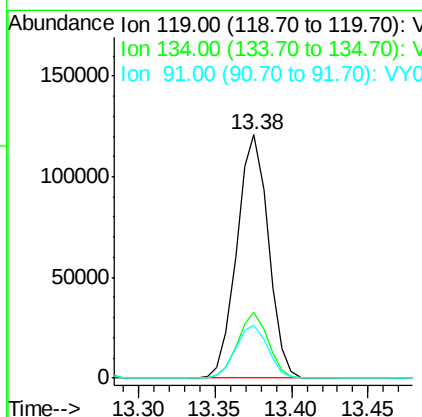
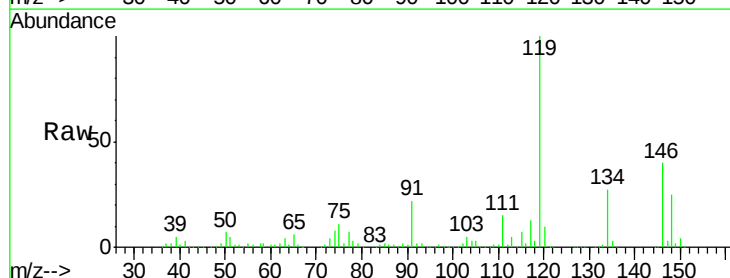
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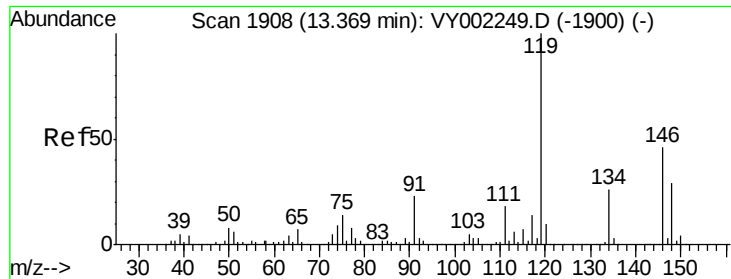
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#86
 p-Isopropyltoluene
 Concen: 19.646 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	172486		
134	26.3	13.3	39.9	
91	22.5	11.5	34.4	





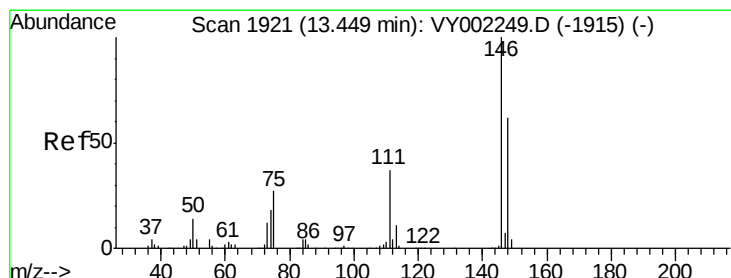
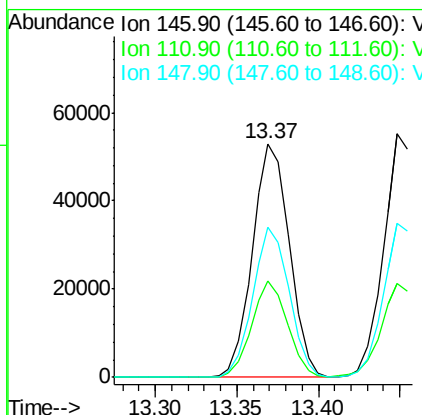
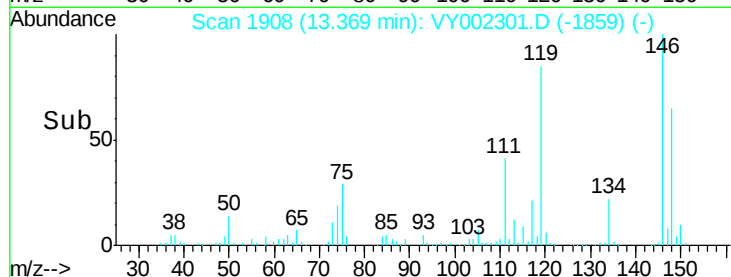
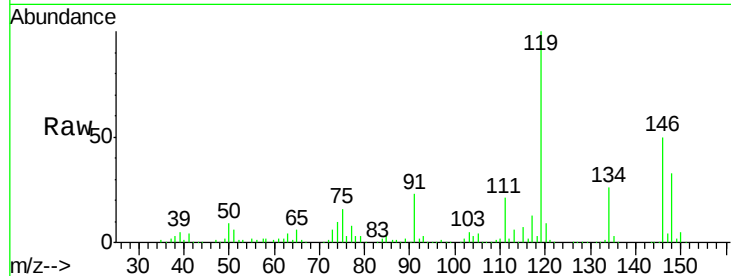
#87
 1,3-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	63.2	32.1	96.3

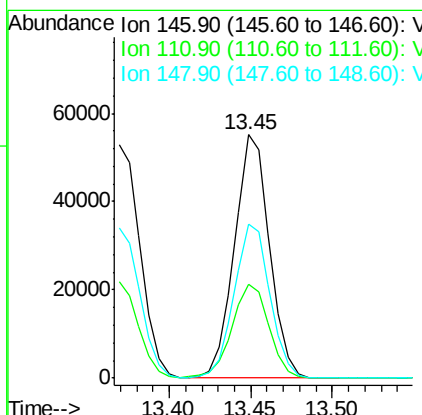
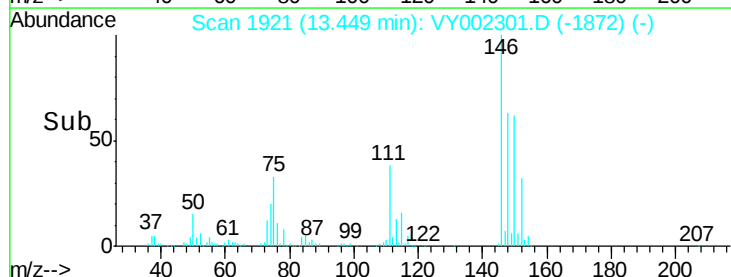
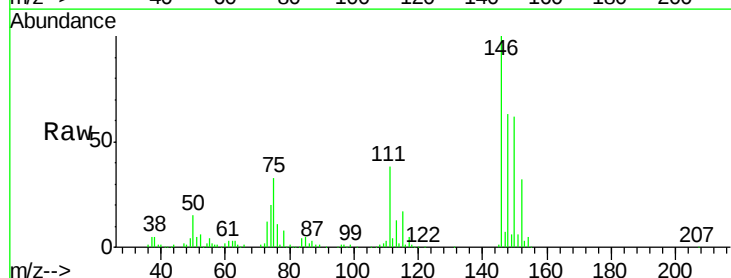
Manual Integrations
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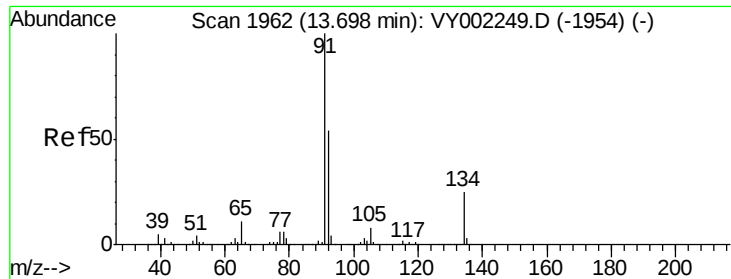
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#88
 1,4-Dichlorobenzene
 Concen: 19.307 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.8
148	64.7	32.0	96.0





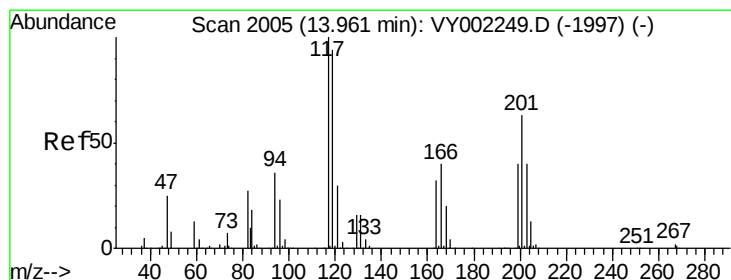
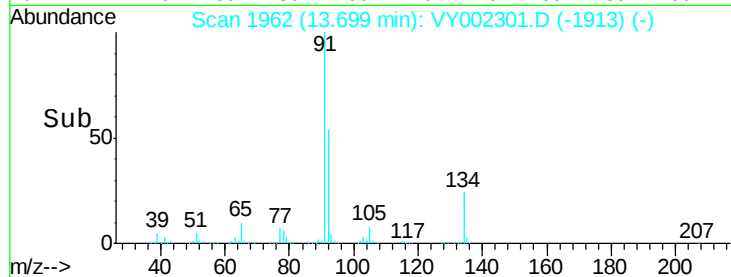
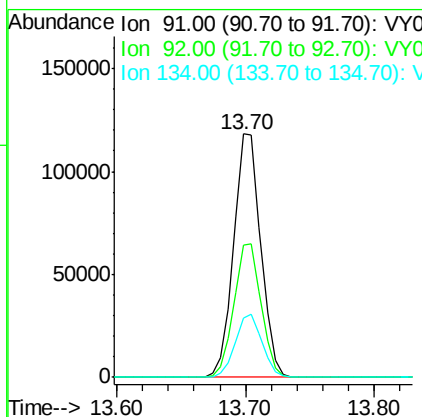
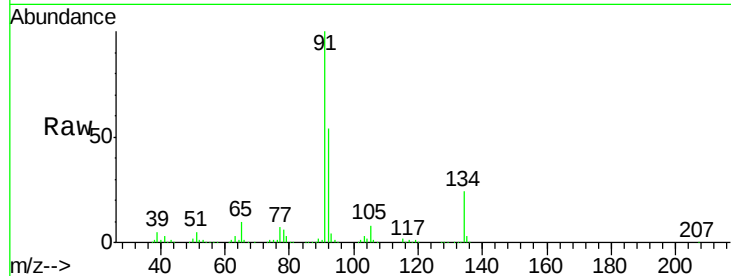
#89
n-Butylbenzene
Concen: 19.244 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	173187		
92	55.0	27.2	81.6	
134	25.5	12.7	38.0	

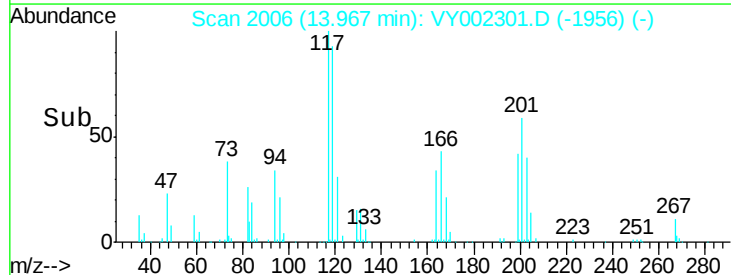
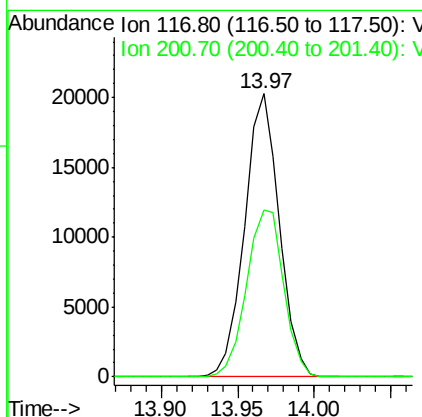
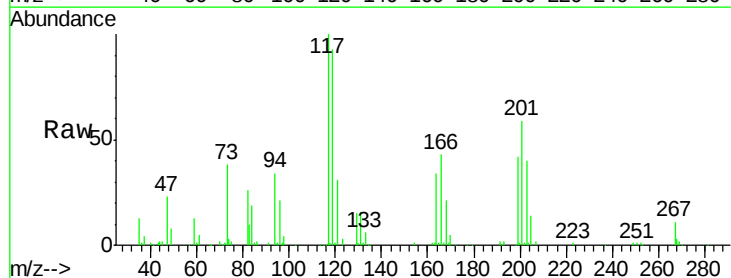
Manual Integrations
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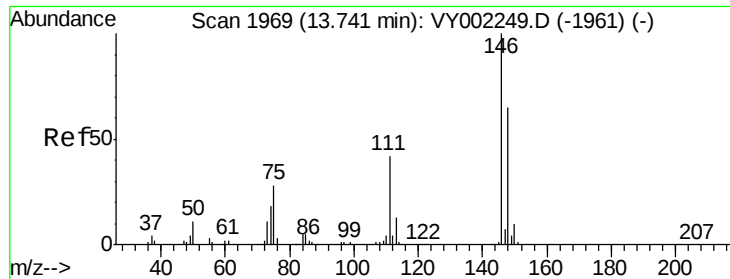
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#90
Hexachloroethane
Concen: 19.094 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31945		
201	63.2	33.1	99.2	





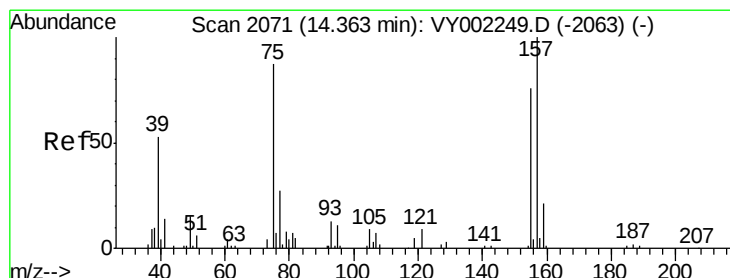
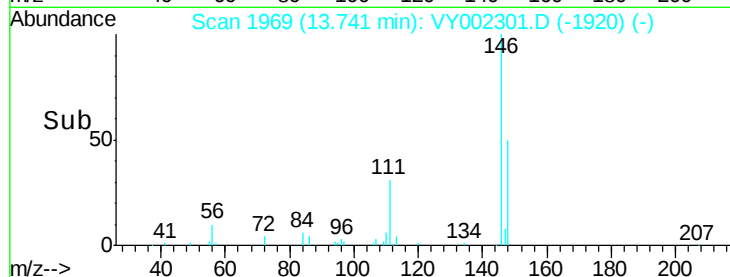
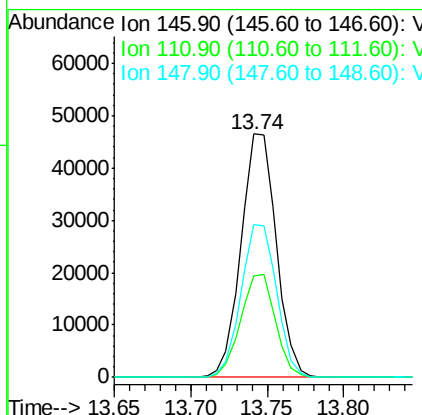
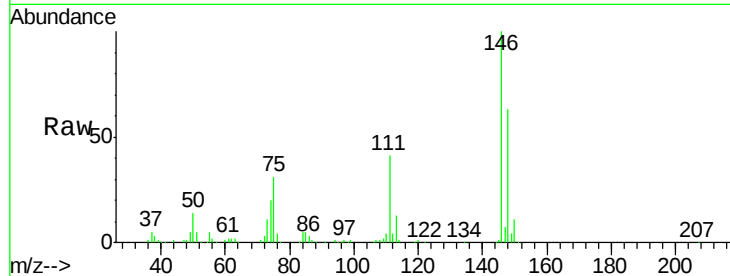
#91
 1,2-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.1
148	63.1	31.9	95.9

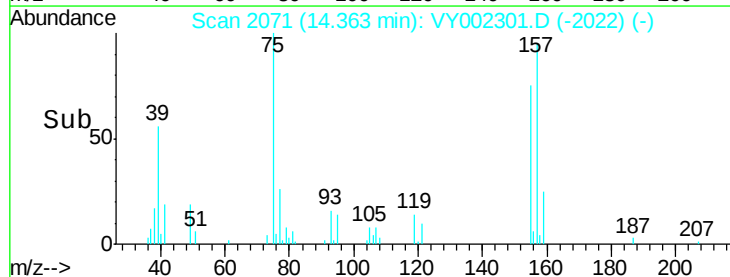
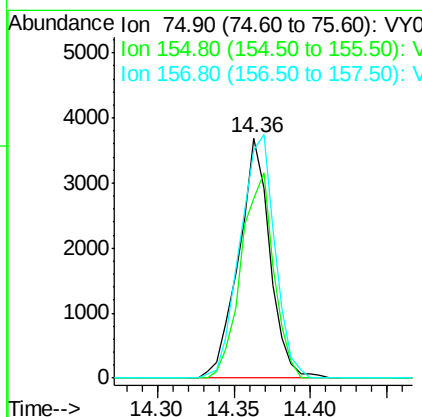
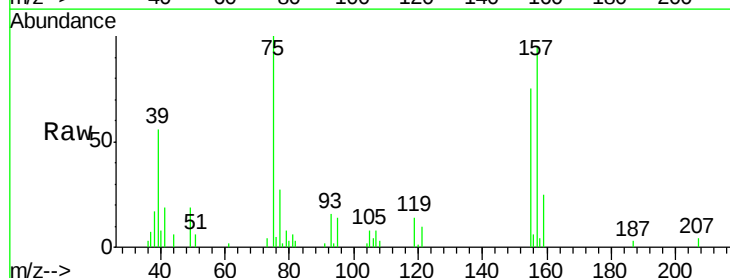
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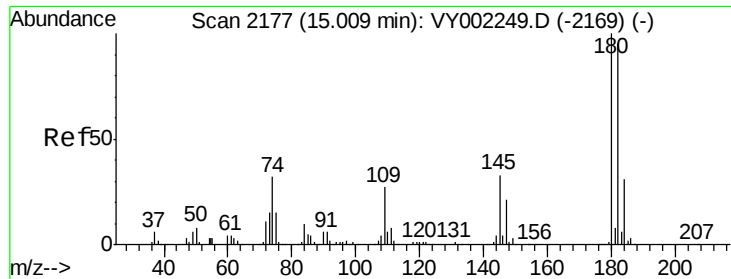
MMDadoda
 4/15/2020 9:38:20 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.084 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	43.6	130.8
157	112.7	56.0	168.2





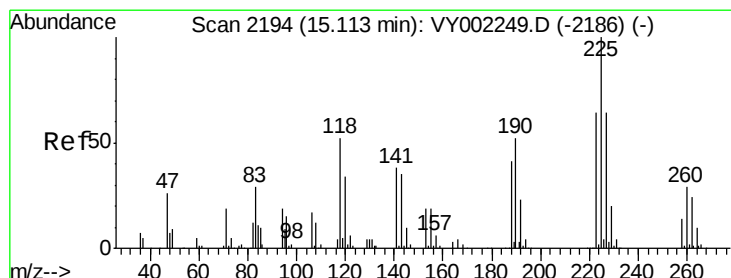
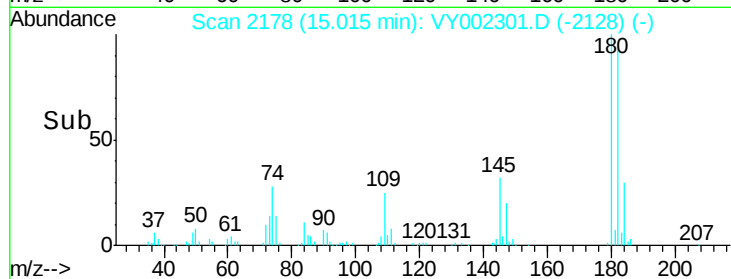
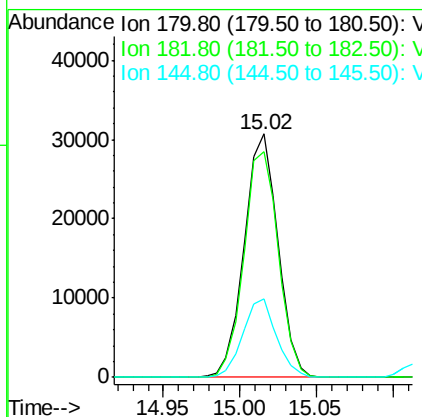
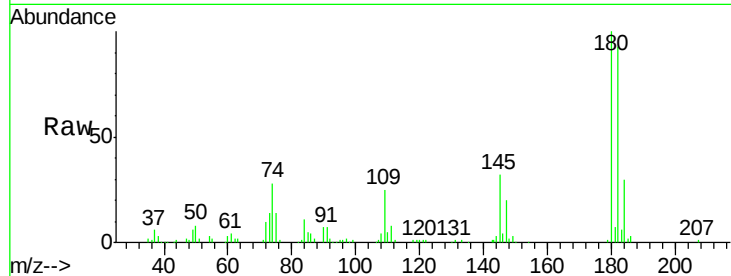
#93
 1,2,4-Trichlorobenzene
 Concen: 18.837 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.7
145	32.0	16.0	48.0

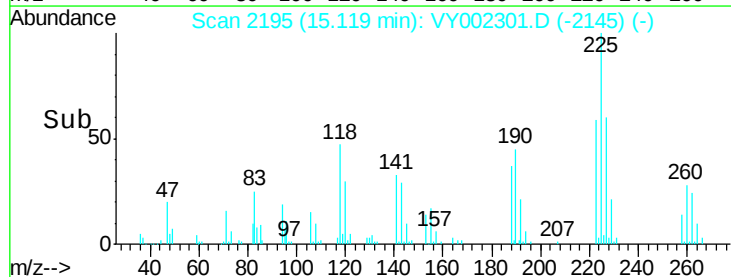
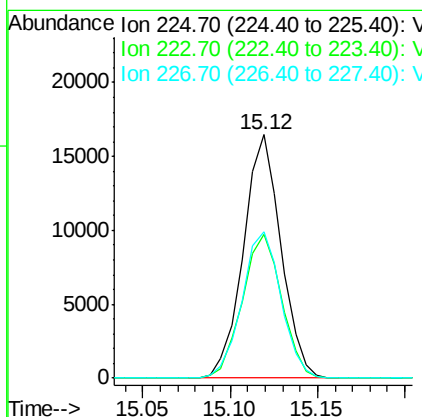
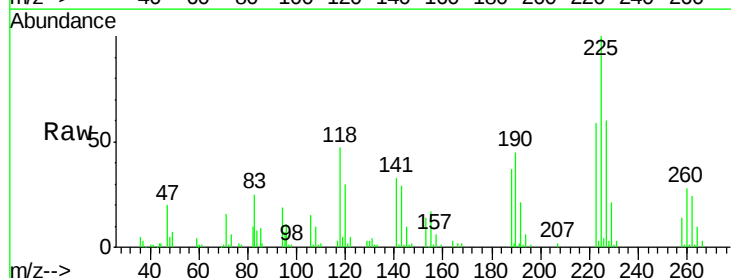
Manual Integrations
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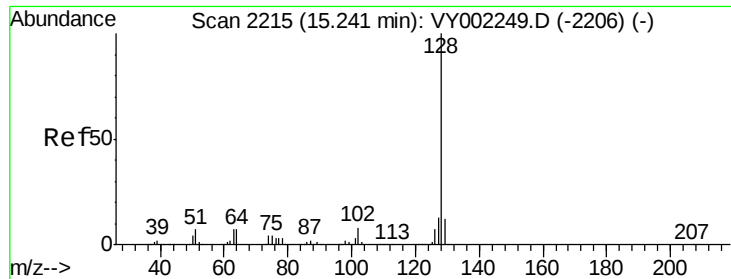
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#94
 Hexachlorobutadiene
 Concen: 19.493 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.0	93.0
227	62.2	31.3	93.9





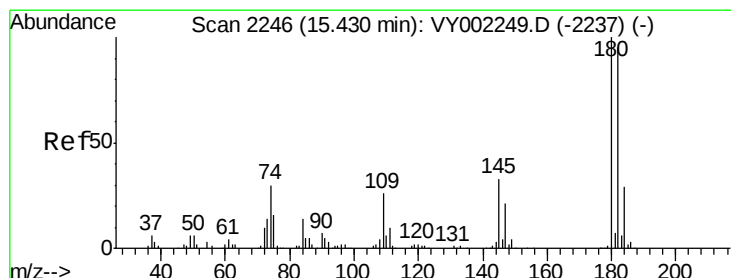
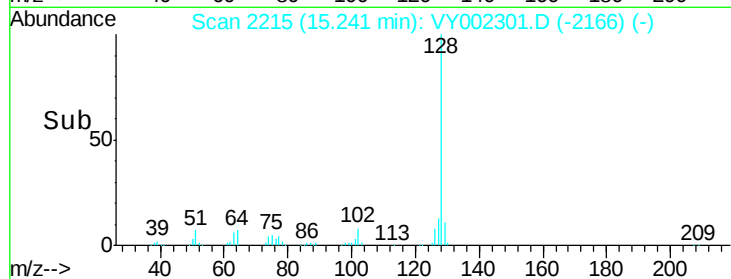
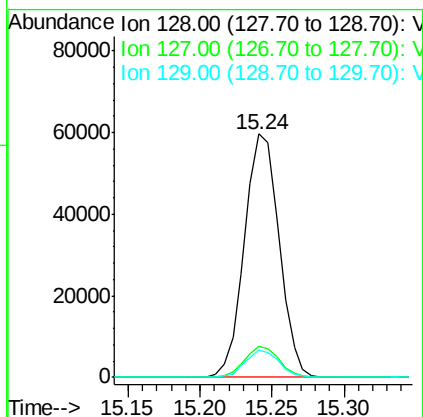
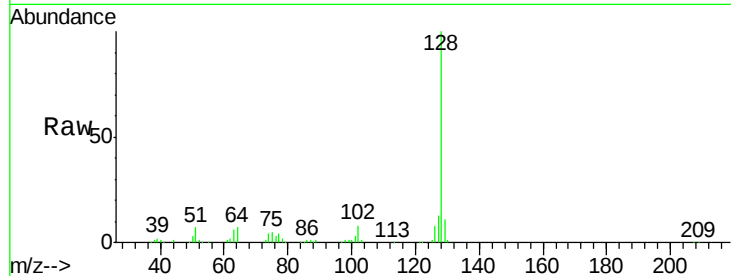
#95
Naphthalene
Concen: 18.166 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	99571		
127	12.5	10.1	15.1	
129	10.9	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.335 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	39855		
182	95.0	47.1	141.3	
145	33.6	16.7	50.1	

