

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001427.D
 Acq On : 30 Jan 2020 14:09
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:26:20 PM

Quant Time: Jan 30 15:29:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	187350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	326924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	288405	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	137924	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	104381	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	7.75	113	98231	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.20	98	398599	53.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.50	95	148121	49.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	32050	21.693	ug/l	97
3) Chloromethane	2.13	50	47332	21.197	ug/l	97
4) Vinyl Chloride	2.27	62	48471	20.818	ug/l	98
5) Bromomethane	2.66	94	33115	21.118	ug/l	97
6) Chloroethane	2.82	64	30784	20.691	ug/l	91
7) Trichlorofluoromethane	3.15	101	64905	21.787	ug/l	97
8) Diethyl Ether	3.57	74	25734	20.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	40837	21.525	ug/l	98
10) Methyl Iodide	4.13	142	48832	19.516	ug/l	99
11) Tert butyl alcohol	5.00	59	35303	128.305	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	41861	21.044	ug/l	91
13) Acrolein	3.77	56	18771	117.287	ug/l	98
14) Allyl chloride	4.52	41	74233	20.926	ug/l	98
15) Acrylonitrile	5.22	53	69201	107.501	ug/l	100
16) Acetone	3.99	43	65811	118.560	ug/l	94
17) Carbon Disulfide	4.23	76	128265	20.503	ug/l	99
18) Methyl Acetate	4.52	43	36111	21.005	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	118604	20.364	ug/l	100
20) Methylene Chloride	4.77	84	55184	19.320	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	47258	20.453	ug/l	97
22) Diisopropyl ether	6.17	45	152565	20.254	ug/l	95
23) Vinyl Acetate	6.11	43	500777	102.402	ug/l	99
24) 1,1-Dichloroethane	6.07	63	81905	20.629	ug/l	98
25) 2-Butanone	7.03	43	98448	110.949	ug/l	99
26) 2,2-Dichloropropane	7.03	77	72506	20.501	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	52973	20.514	ug/l	97
28) Bromochloromethane	7.38	49	31246	19.083	ug/l	100
29) Tetrahydrofuran	7.39	42	61416	106.388	ug/l	97
30) Chloroform	7.55	83	79799	20.505	ug/l	100
31) Cyclohexane	7.82	56	84186	21.355	ug/l	94
32) 1,1,1-Trichloroethane	7.74	97	67890	20.660	ug/l	99
36) 1,1-Dichloropropene	7.96	75	64868	21.002	ug/l	99
37) Ethyl Acetate	7.11	43	41516	22.000	ug/l	99
38) Carbon Tetrachloride	7.94	117	58796	21.360	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	87164	22.030	ug/l	99
40) Benzene	8.19	78	192894	20.829	ug/l	98
41) Methacrylonitrile	7.36	41	22176m	22.773	ug/l	
42) 1,2-Dichloroethane	8.27	62	52724	20.375	ug/l	98
43) Isopropyl Acetate	8.31	43	77218	21.044	ug/l	98
44) Trichloroethene	8.97	130	49861	20.981	ug/l	100
45) 1,2-Dichloropropane	9.24	63	49003	20.931	ug/l	99
46) Dibromomethane	9.33	93	25661	20.417	ug/l	97
47) Bromodichloromethane	9.52	83	62235	20.714	ug/l	99
48) Methyl methacrylate	9.32	41	35185	21.093	ug/l	98
49) 1,4-Dioxane	9.33	88	7593	428.405	ug/l	92
51) 4-Methyl-2-Pentanone	10.10	43	202031	106.914	ug/l	100
52) Toluene	10.27	92	121074	20.624	ug/l	97
53) t-1,3-Dichloropropene	10.49	75	67906	20.391	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	79382	20.768	ug/l	98
55) 1,1,2-Trichloroethane	10.67	97	38207	20.596	ug/l	97
56) Ethyl methacrylate	10.53	69	57998	20.686	ug/l	98
57) 1,3-Dichloropropane	10.81	76	67287	20.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	110852	114.255	ug/l	98
59) 2-Hexanone	10.85	43	148300	112.730	ug/l	100
60) Dibromochloromethane	11.00	129	42220	20.349	ug/l	99
61) 1,2-Dibromoethane	11.11	107	36949	21.069	ug/l	100
64) Tetrachloroethene	10.74	164	40286	21.868	ug/l	97
65) Chlorobenzene	11.53	112	126085	20.740	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	43716	21.072	ug/l	100
67) Ethyl Benzene	11.61	91	238289	21.270	ug/l	97
68) m/p-Xylenes	11.72	106	175366	41.911	ug/l	99
69) o-Xylene	12.05	106	84824	21.073	ug/l	98
70) Styrene	12.06	104	144100	20.404	ug/l	99
71) Bromoform	12.22	173	25063	20.238	ug/l #	99
73) Isopropylbenzene	12.34	105	225472	20.717	ug/l	100
74) N-amyl acetate	12.16	43	73305	20.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	48937	20.996	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	32215m	19.383	ug/l	
77) Bromobenzene	12.63	156	48804	20.246	ug/l	97
78) n-propylbenzene	12.69	91	274096	20.924	ug/l	100
79) 2-Chlorotoluene	12.77	91	155293	20.751	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	189926	20.906	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18182	20.703	ug/l	98
82) 4-Chlorotoluene	12.87	91	165069	20.650	ug/l	99
83) tert-Butylbenzene	13.09	119	158173	20.656	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	187224	20.527	ug/l	100
85) sec-Butylbenzene	13.27	105	235554	21.650	ug/l	99
86) p-Isopropyltoluene	13.38	119	204188	21.297	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	97347	20.969	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	97021	20.582	ug/l	99
89) n-Butylbenzene	13.71	91	207558	21.510	ug/l	99
90) Hexachloroethane	13.97	117	37588	20.683	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	87995	20.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	8375	20.823	ug/l	98

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ClientSampleId :
VY0130SBSD01

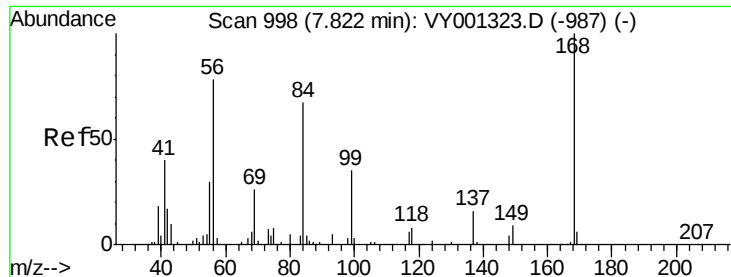
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	58651	20.410	ug/l	99
94) Hexachlorobutadiene	15.12	225	28648	20.475	ug/l	98
95) Naphthalene	15.25	128	139621	21.249	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	51201	20.312	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion:168 Resp: 187350

Ion Ratio Lower Upper

168 100

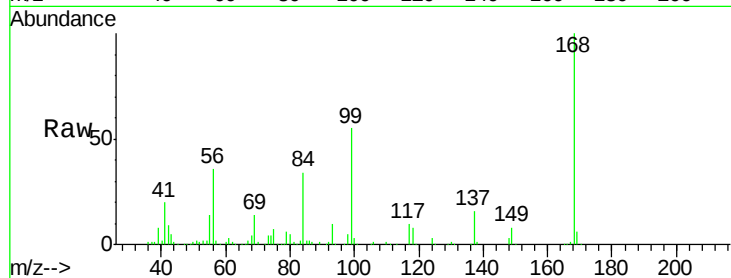
99 55.1 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.83

80000

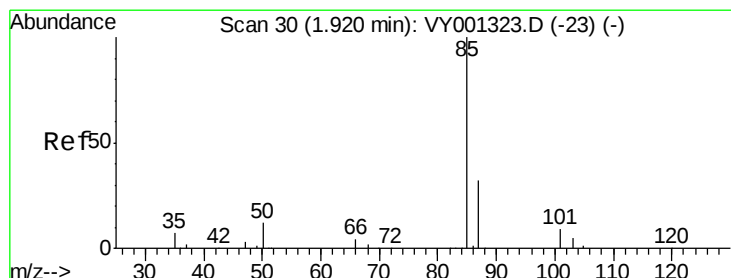
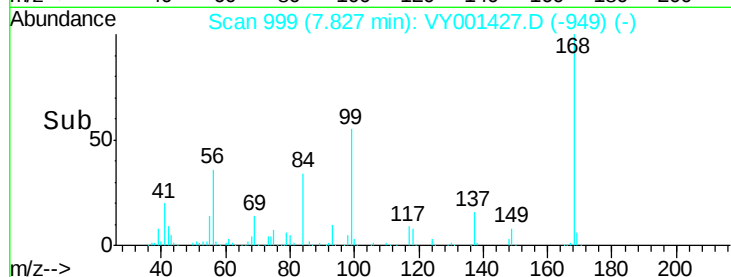
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.693 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001427.D

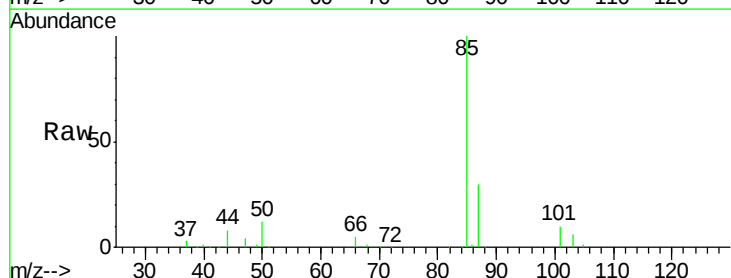
Acq: 30 Jan 2020 14:09

Tgt Ion: 85 Resp: 32050

Ion Ratio Lower Upper

85 100

87 30.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.92

25000

20000

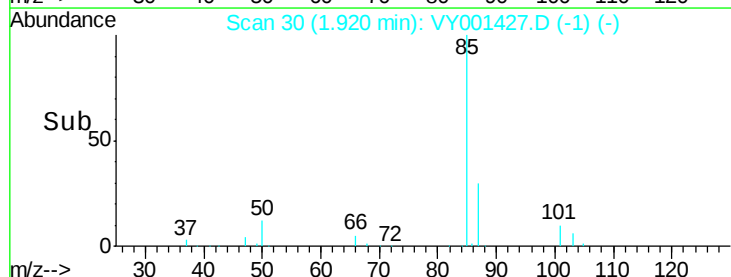
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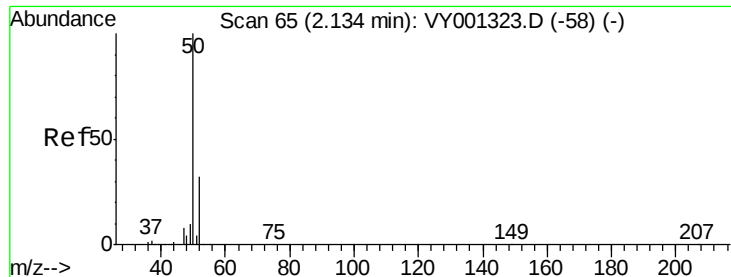
10000

5000

0

Time-->





#3

Chloromethane

Concen: 21.197 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 50 Resp: 47332

Ion Ratio Lower Upper

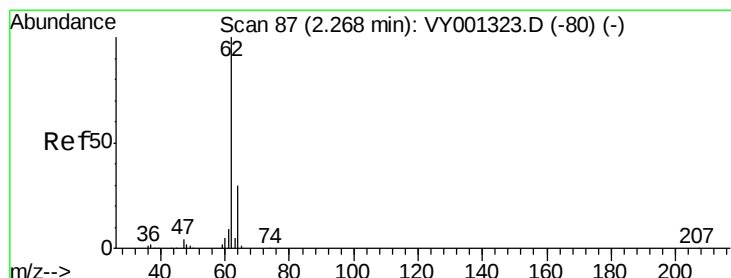
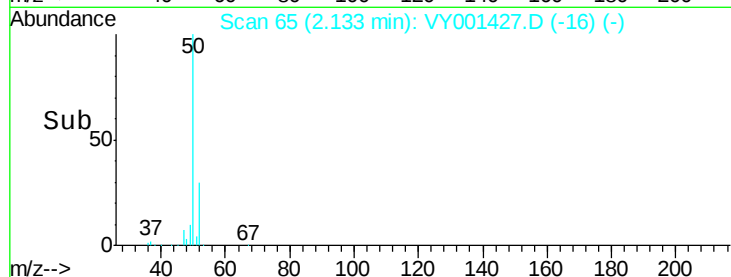
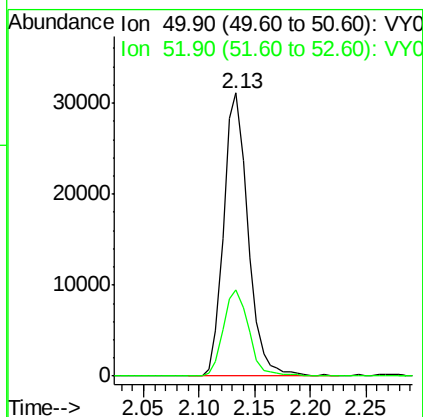
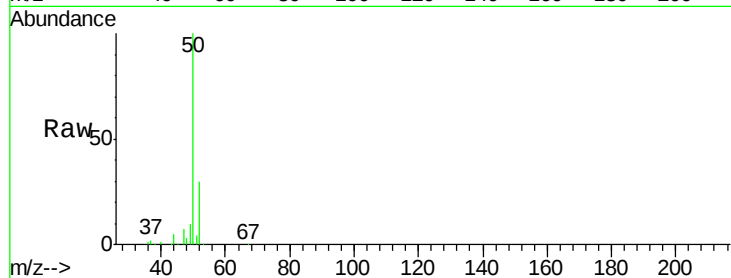
50 100

52 30.5 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.818 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001427.D

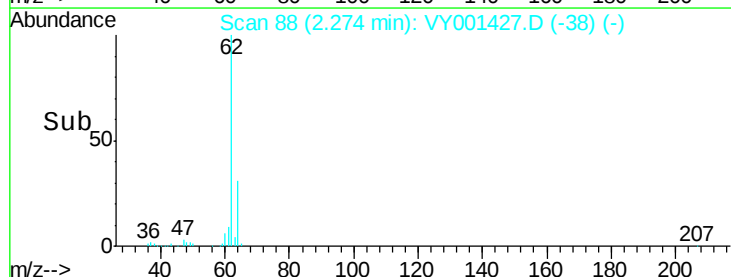
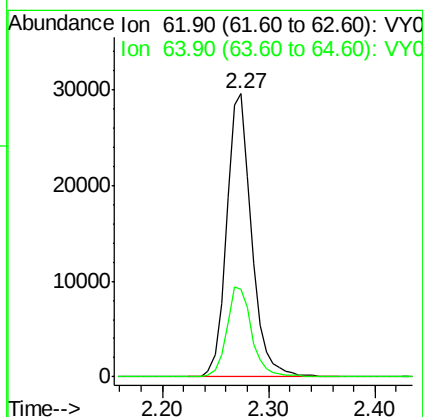
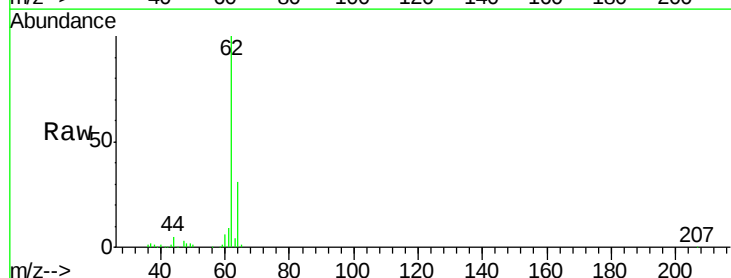
Acq: 30 Jan 2020 14:09

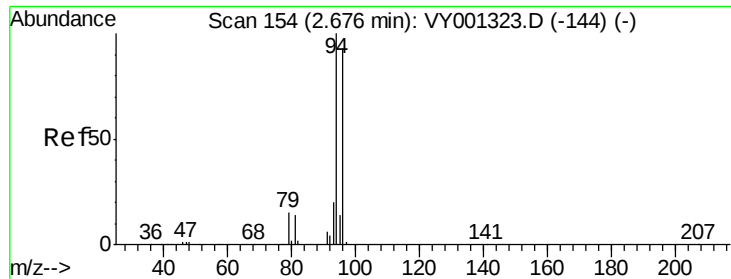
Tgt Ion: 62 Resp: 48471

Ion Ratio Lower Upper

62 100

64 31.1 23.9 35.9





#5

Bromomethane

Concen: 21.118 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 94 Resp: 33115

Ion Ratio Lower Upper

94 100

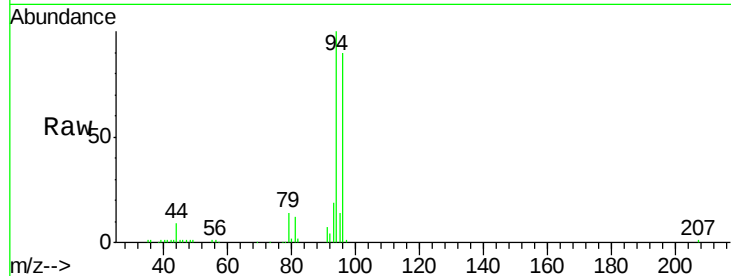
96 90.0 74.6 111.8

Manual Integrations

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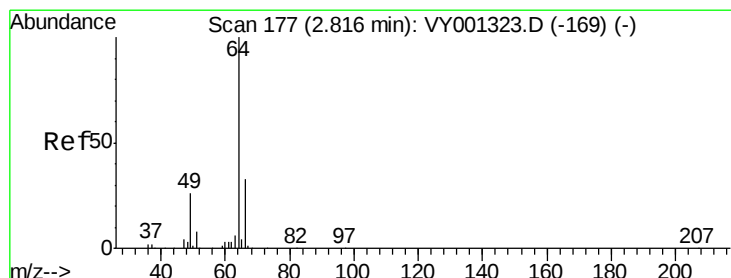
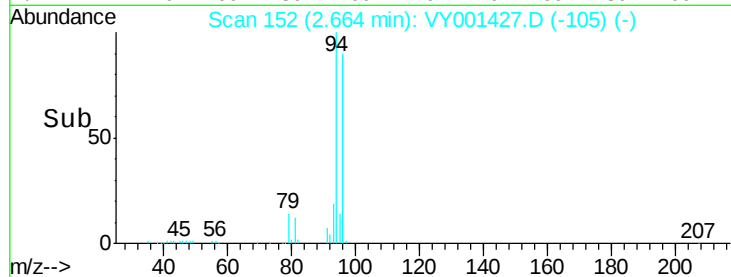
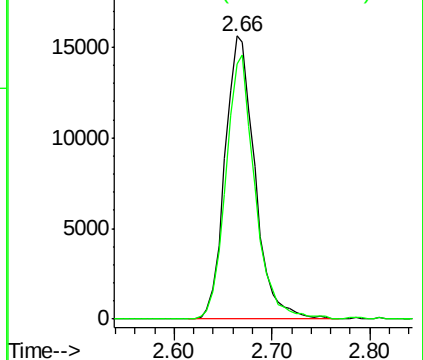
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.691 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001427.D

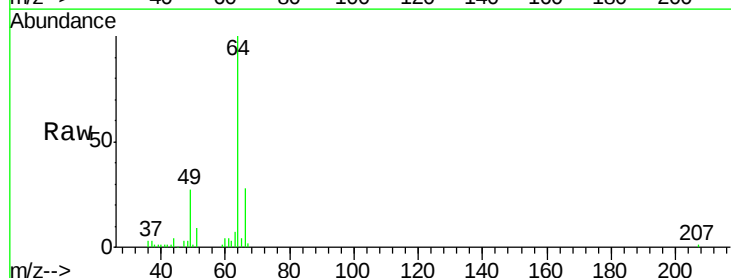
Acq: 30 Jan 2020 14:09

Tgt Ion: 64 Resp: 30784

Ion Ratio Lower Upper

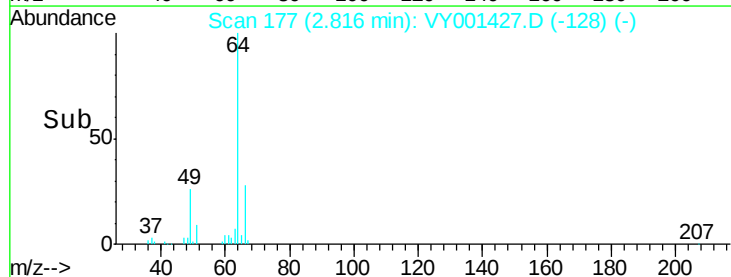
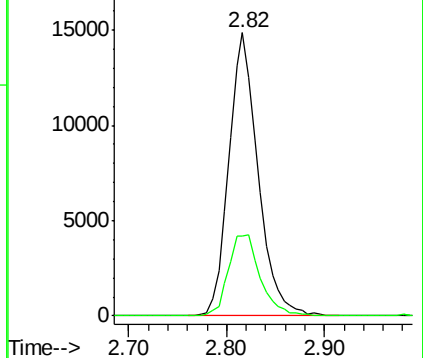
64 100

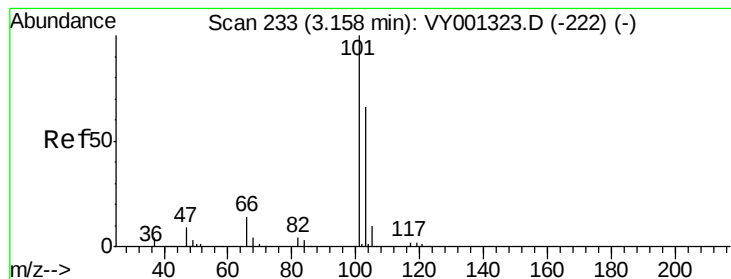
66 28.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

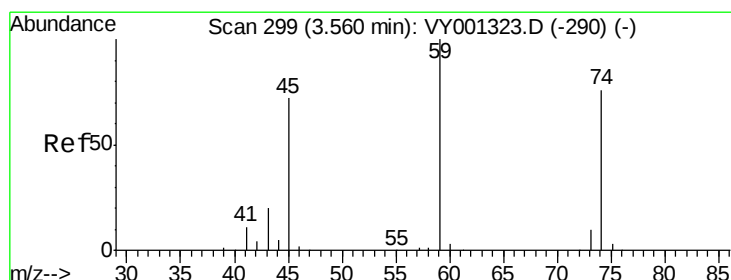
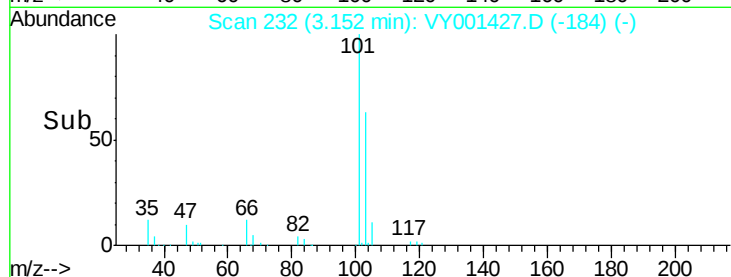
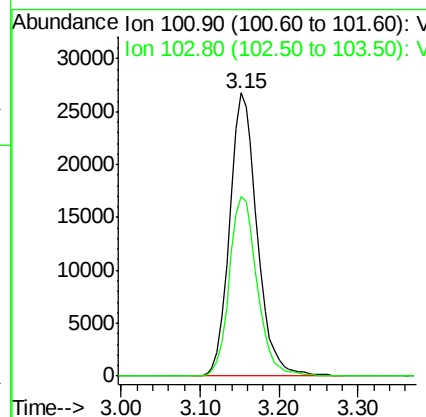
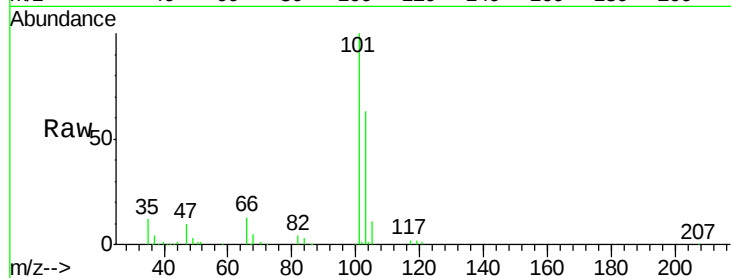
Trichlorofluoromethane
 Concen: 21.787 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: VY001427.D
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Tot Ion	101	Resp	64905
Ion Ratio	100	Lower	Upper
101	100		
103	63.3	52.5	78.7

Manual Integrations
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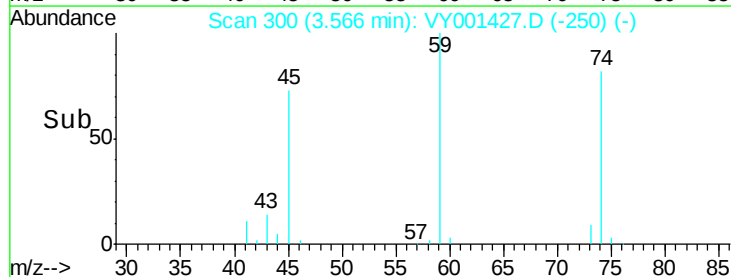
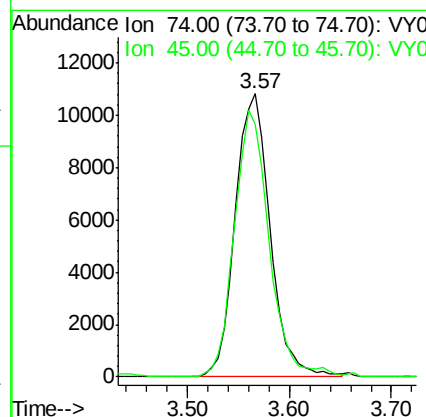
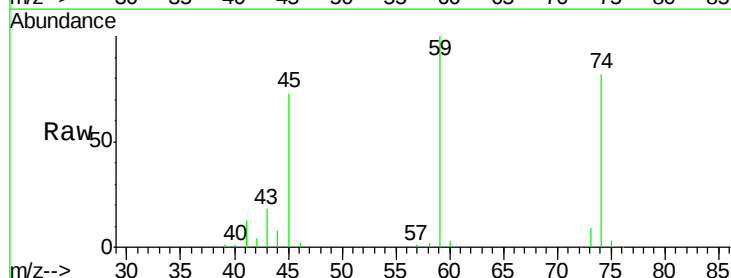
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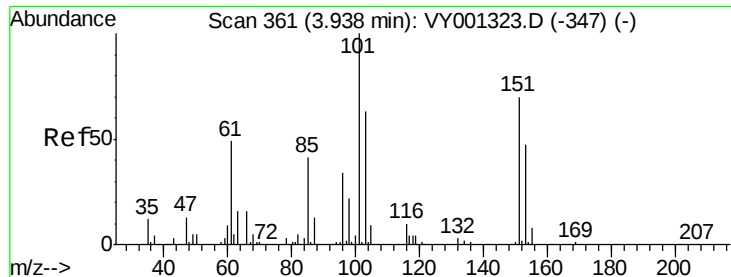


#8

Diethyl Ether
 Concen: 20.463 ug/l
 RT: 3.57 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	74	Resp	25734
Ion Ratio	100	Lower	Upper
74	100		
45	93.6	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.525 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

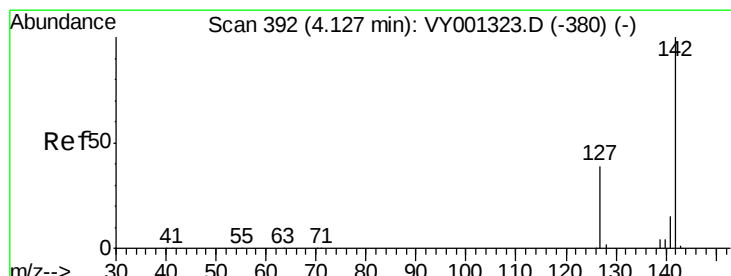
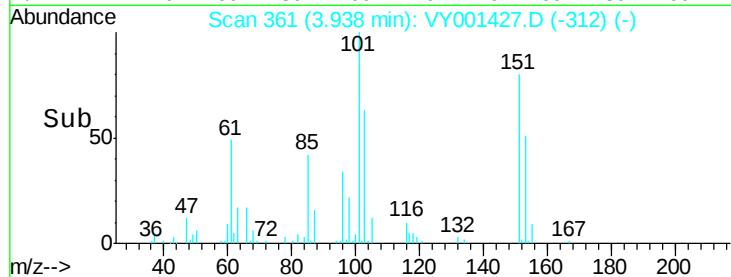
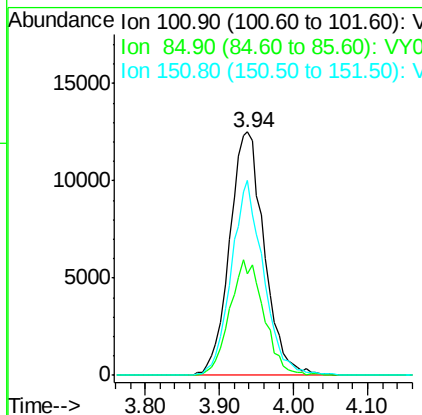
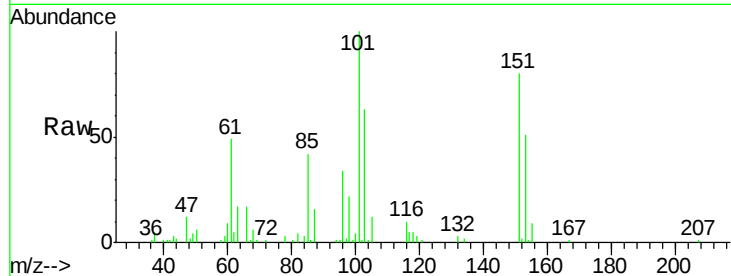
ClientSampleId :

VY0130SBS01

Tot Ion:	101	Resp:	40837
Ion Ratio	Lower	Upper	
101	100		
85	46.4	34.9	52.3
151	74.2	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.516 ug/l

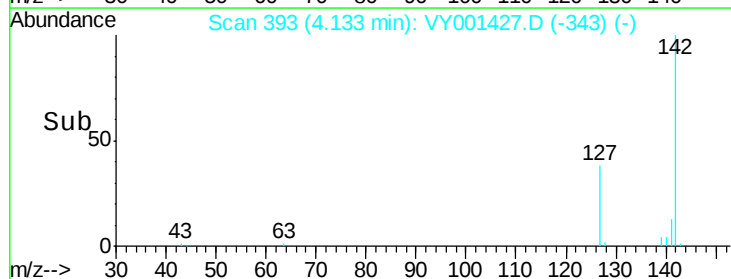
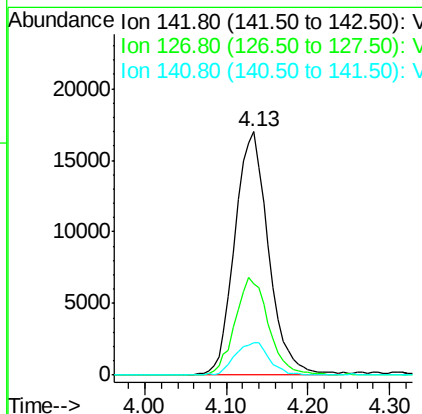
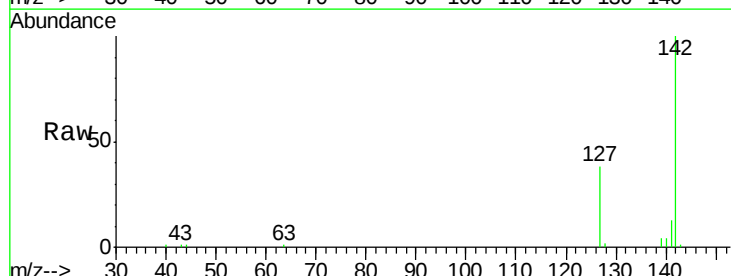
RT: 4.13 min Scan# 393

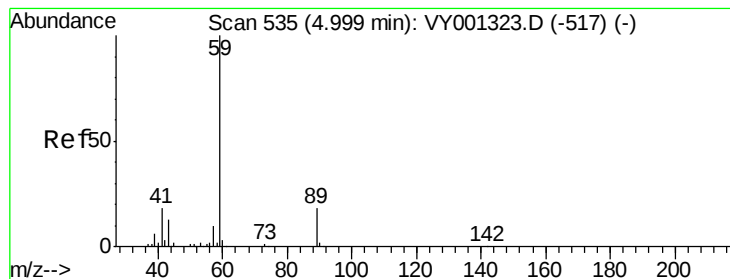
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	142	Resp:	48832
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.6	47.4
141	13.5	11.2	16.8





#11

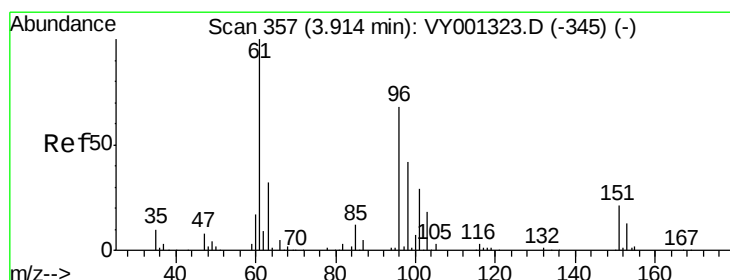
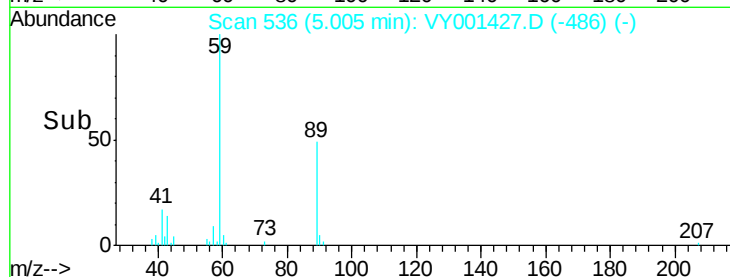
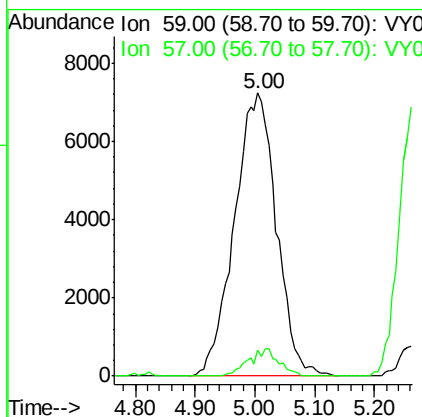
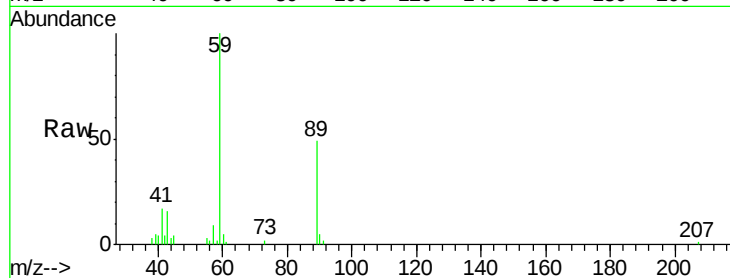
Tert butyl alcohol
Concen: 128.305 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion: 59 Resp: 35303
Ion Ratio Lower Upper
59 100
57 7.0 7.4 11.2#

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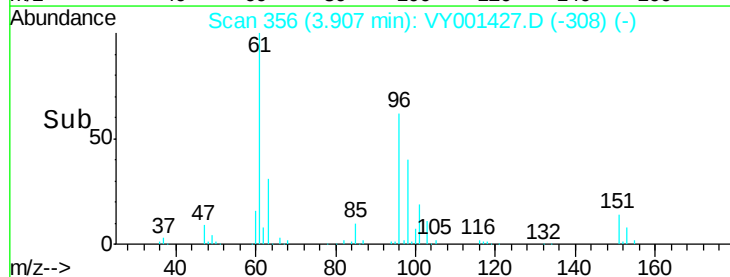
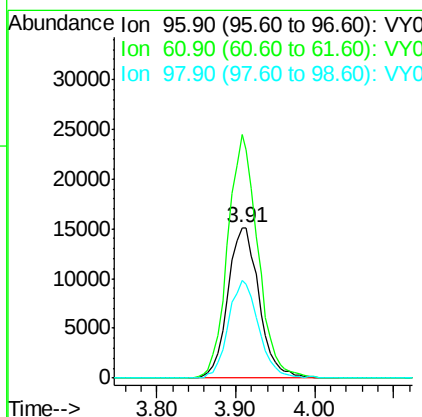
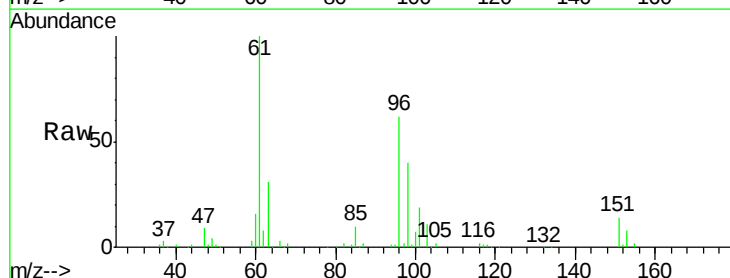
MMDadoda
1/31/2020 4:26:20 PM

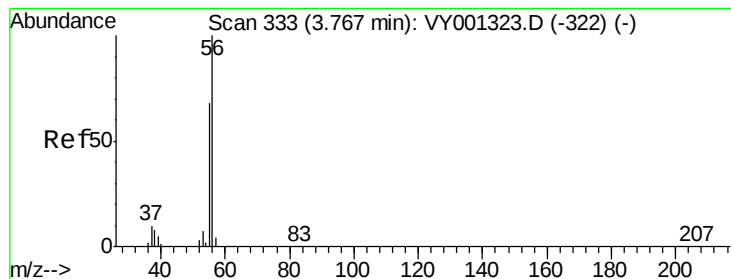


#12

1,1-Dichloroethene
Concen: 21.044 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 96 Resp: 41861
Ion Ratio Lower Upper
96 100
61 161.7 118.0 177.0
98 65.2 49.4 74.2





#13

Acrolein

Concen: 117.287 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 56 Resp: 18771

Ion Ratio Lower Upper

56 100

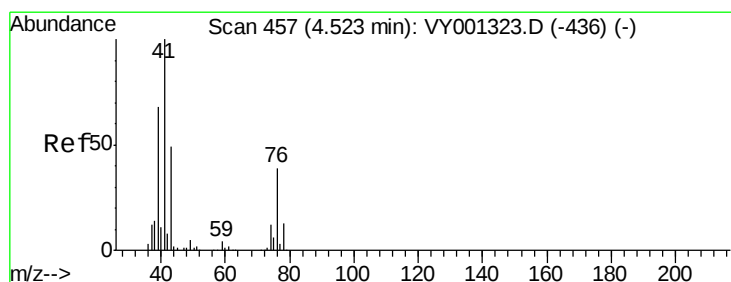
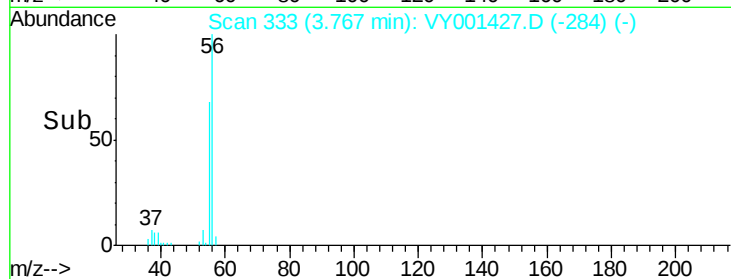
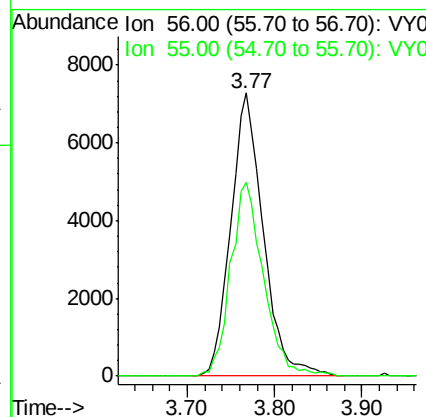
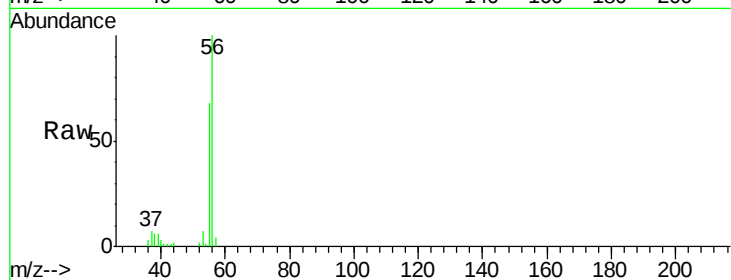
55 68.6 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 20.926 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

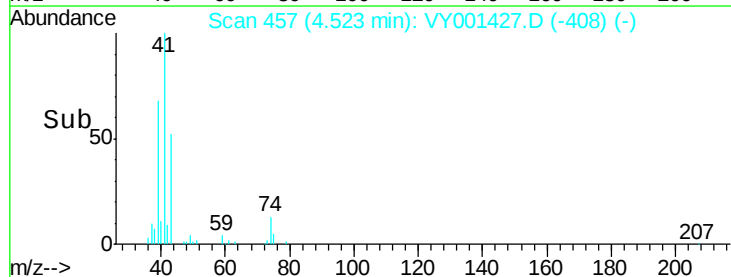
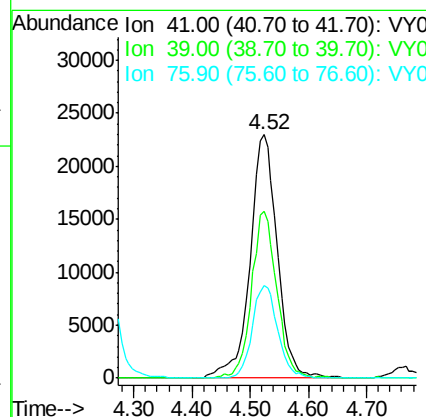
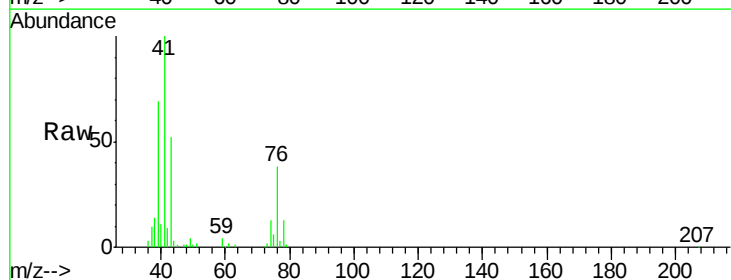
Tgt Ion: 41 Resp: 74233

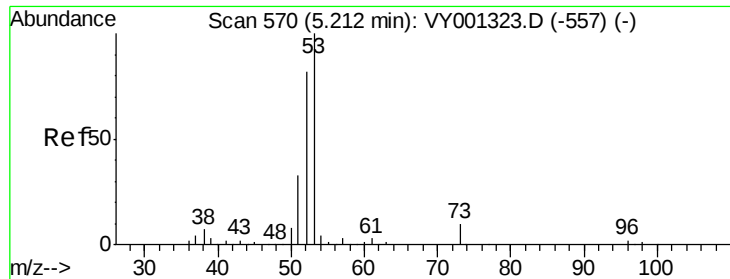
Ion Ratio Lower Upper

41 100

39 63.6 52.2 78.4

76 35.6 29.1 43.7





#15

Acrylonitrile

Concen: 107.501 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

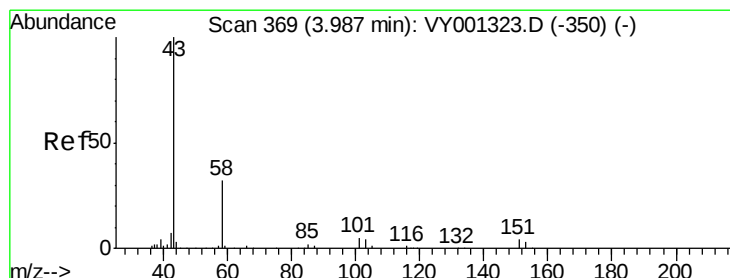
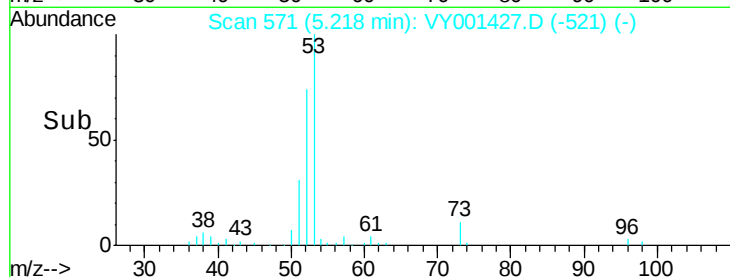
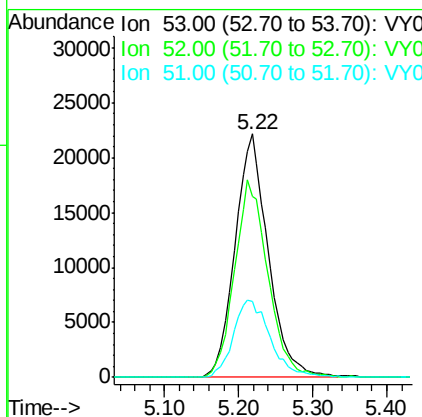
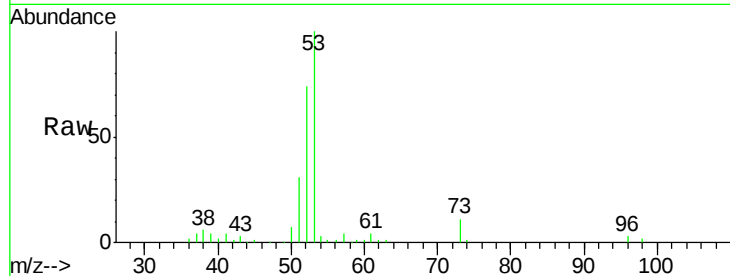
ClientSampleId :

VY0130SBS01

Tot Ion:	53	Resp:	69201
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.3	97.9
51	35.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 118.560 ug/l

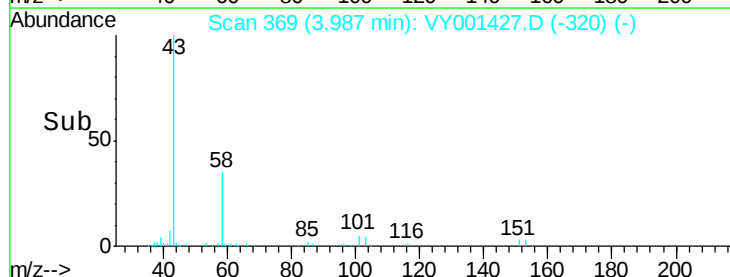
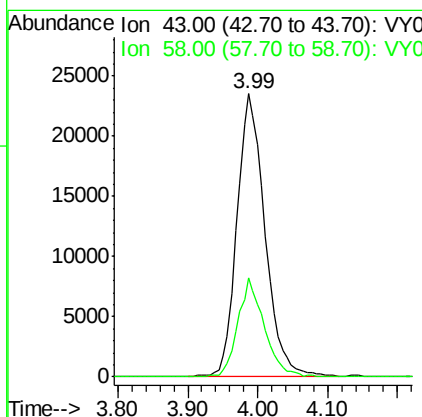
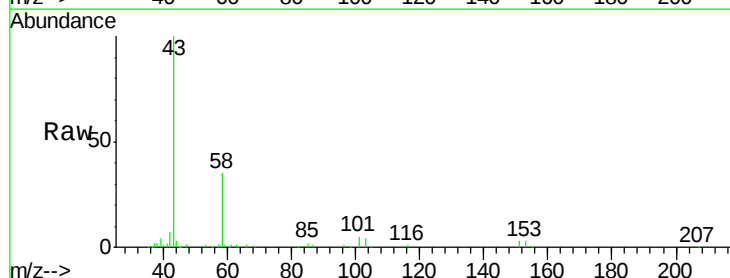
RT: 3.99 min Scan# 369

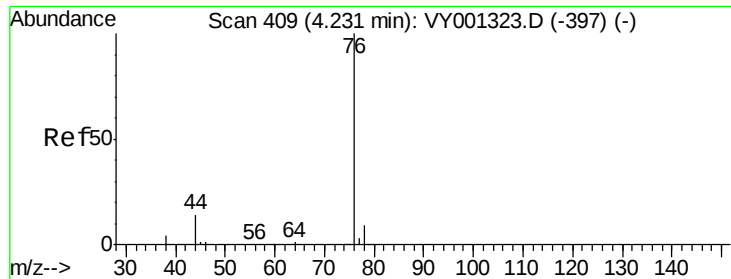
Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	43	Resp:	65811
Ion Ratio	Lower	Upper	
43	100		
58	34.8	25.4	38.0





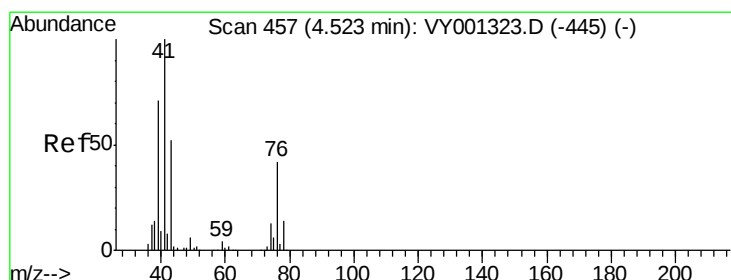
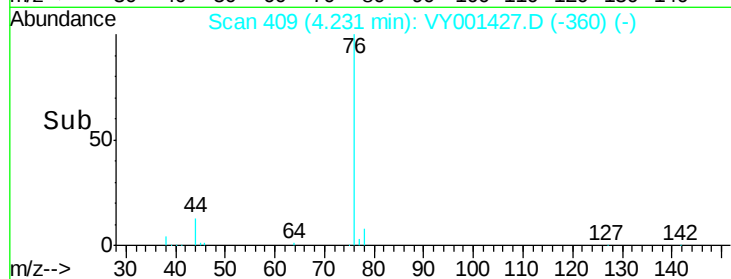
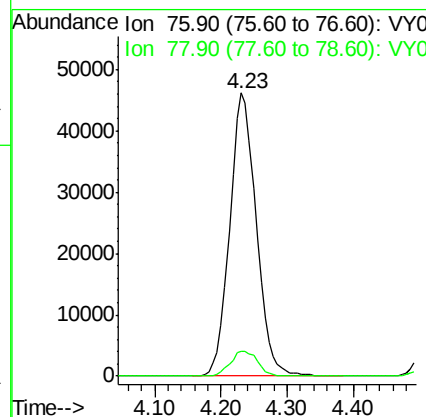
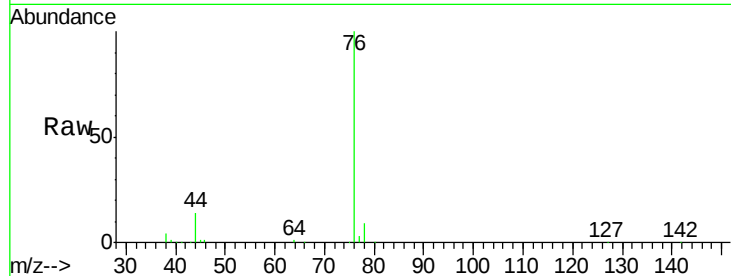
#17
Carbon Disulfide
Concen: 20.503 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6

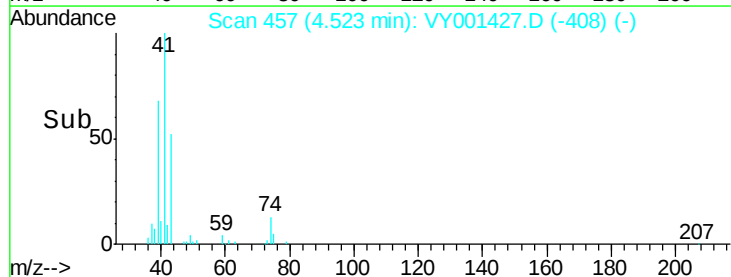
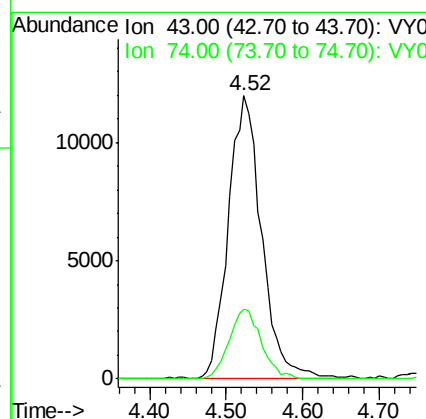
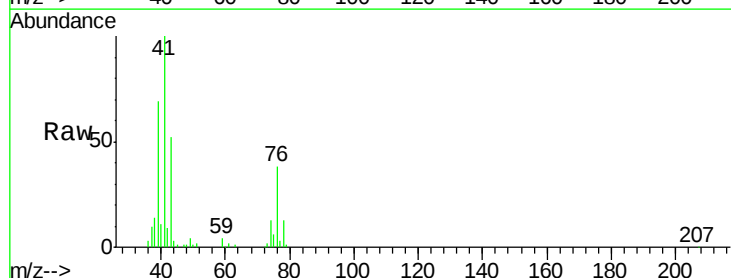
Manual Integrations
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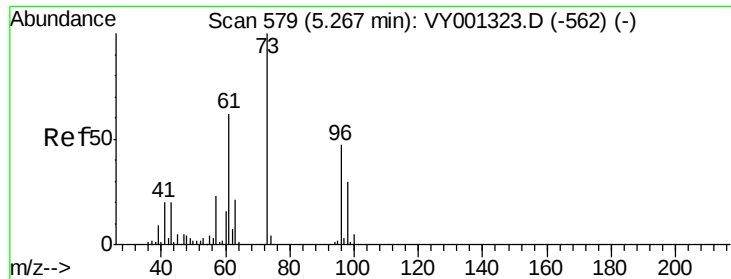
MMDadoda
1/31/2020 4:26:20 PM



#18
Methyl Acetate
Concen: 21.005 ug/l
RT: 4.52 min Scan# 457
Delta R.T. -0.00 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2





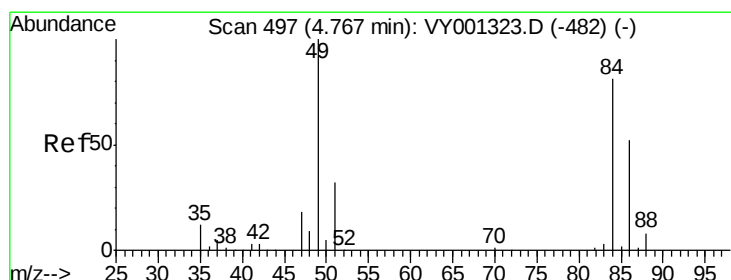
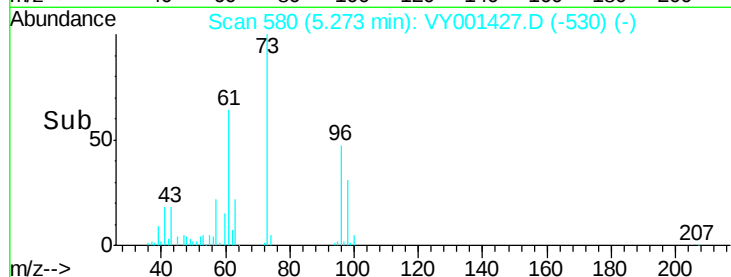
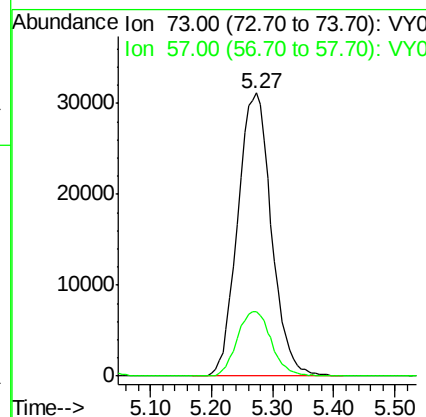
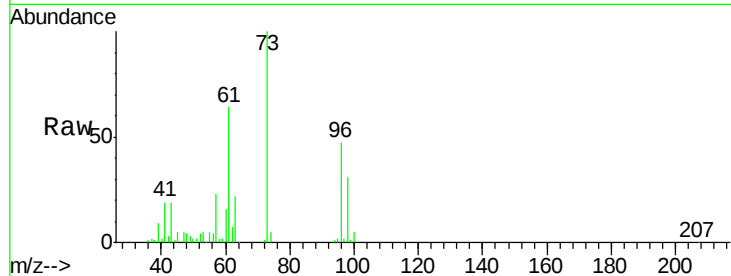
#19
Methvl tert-butvl Ether
Concen: 20.364 ug/l
RT: 5.27 min Scan# 580
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion: 73 Resp: 118604
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2

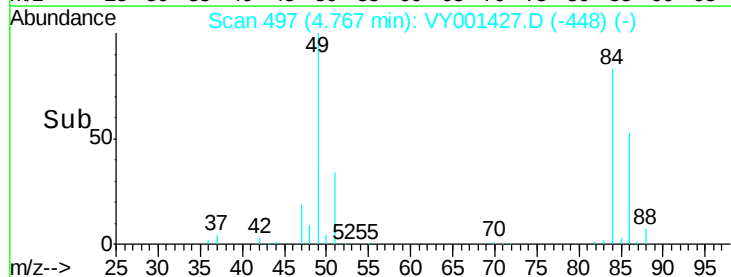
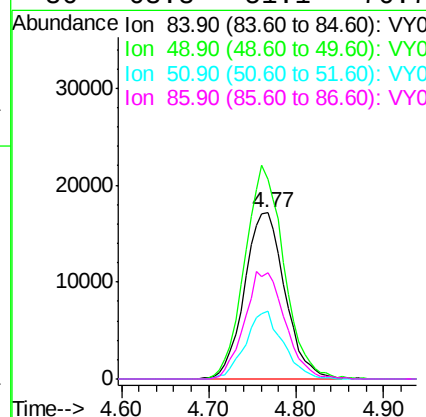
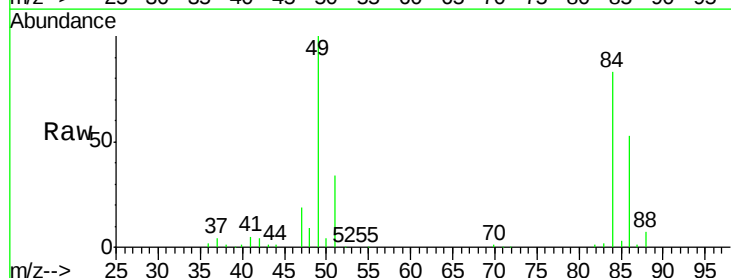
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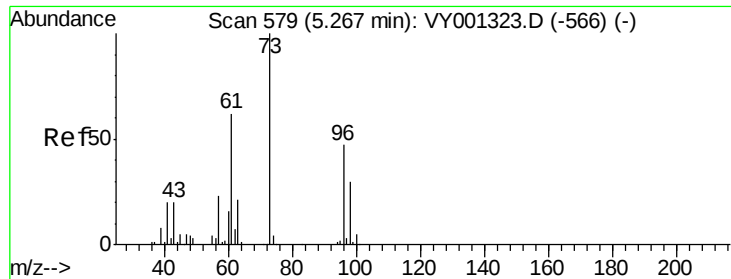
MMDadoda
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#20
Methylene Chloride
Concen: 19.320 ug/l
RT: 4.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 84 Resp: 55184
Ion Ratio Lower Upper
84 100
49 120.3 98.3 147.5
51 40.5 31.6 47.4
86 63.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.453 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

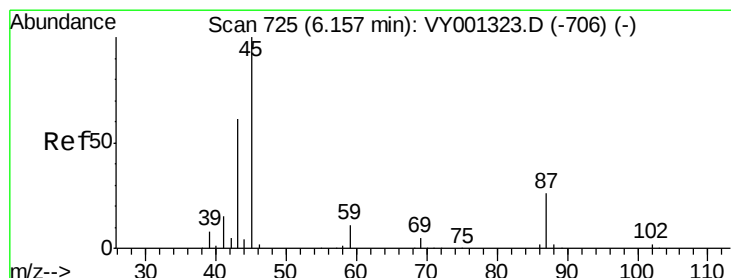
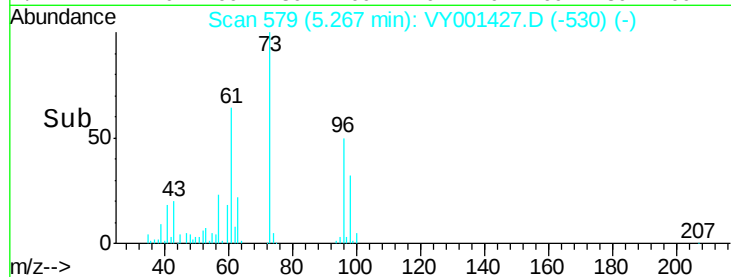
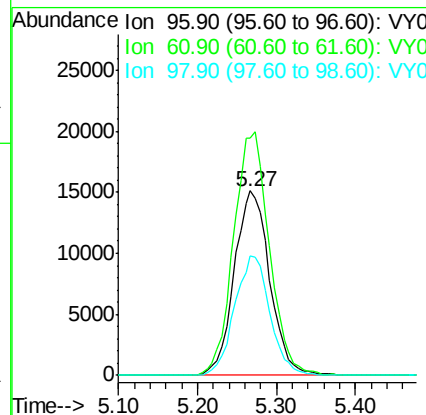
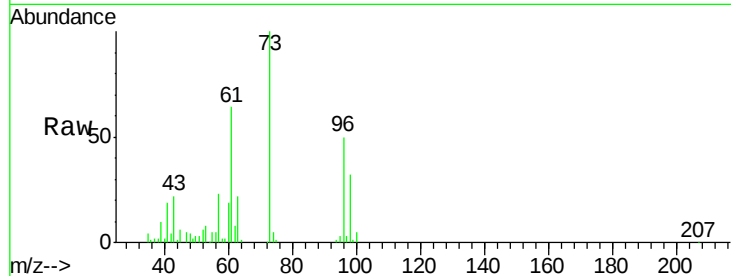
ClientSampleId :

VY0130SBS01

Tot Ion:	96	Resp:	47258
Ion	Ratio	Lower	Upper
96	100		
61	128.8	106.8	160.2
98	64.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 20.254 ug/l

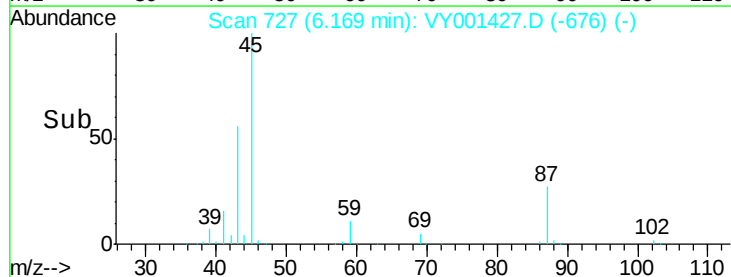
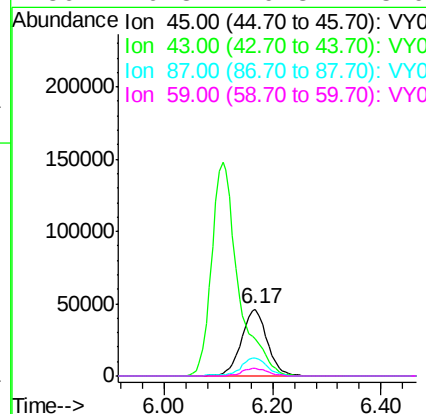
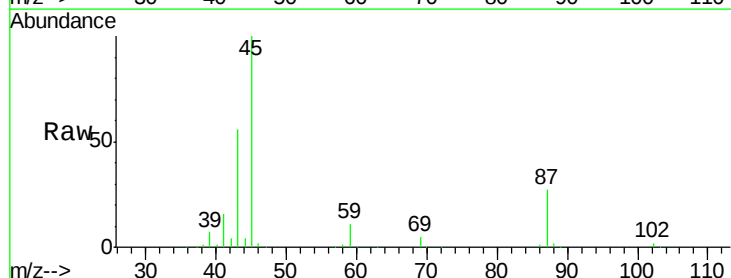
RT: 6.17 min Scan# 727

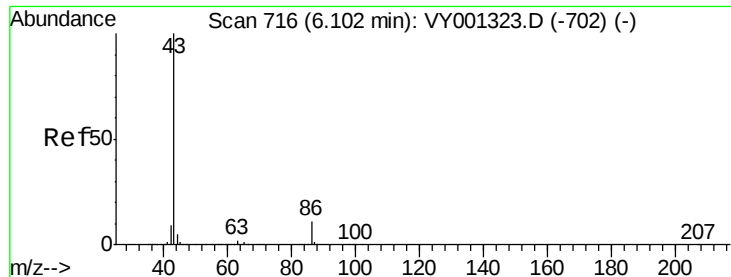
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	45	Resp:	152565
Ion	Ratio	Lower	Upper
45	100		
43	55.4	49.2	73.8
87	26.7	21.4	32.2
59	10.8	9.3	13.9





#23

Vinyl Acetate

Concen: 102.402 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 43 Resp: 500777

Ion Ratio Lower Upper

43 100

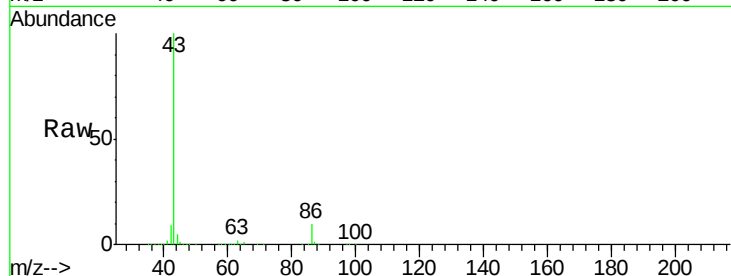
86 10.4 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

150000

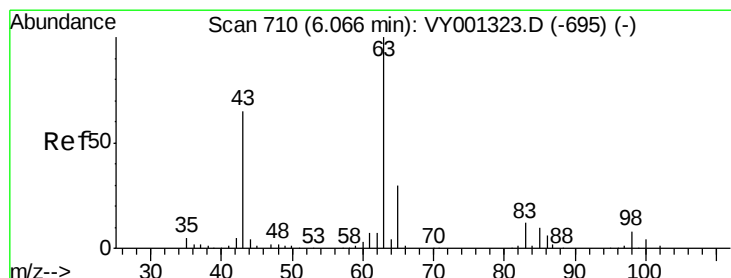
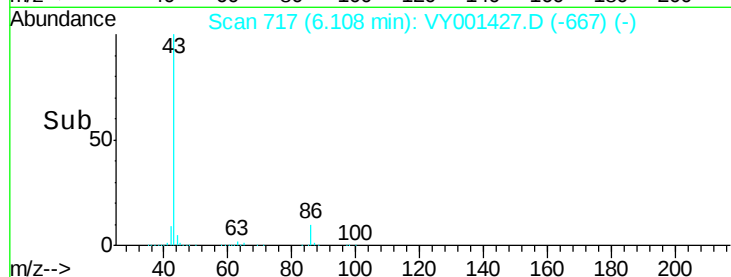
6.11

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.629 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

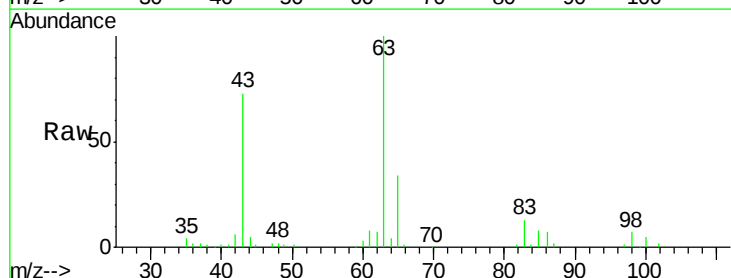
Tgt Ion: 63 Resp: 81905

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.0

100 5.3 2.1 6.3



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

30000

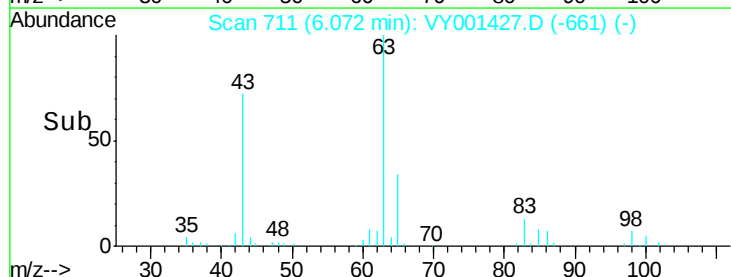
6.07

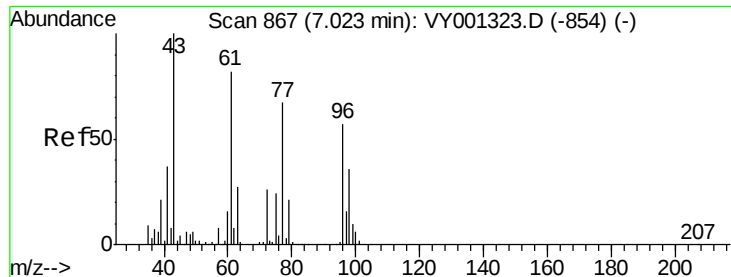
20000

10000

0

Time-->





#25

2-Butanone

Concen: 110.949 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 43 Resp: 98448

Ion Ratio Lower Upper

43 100

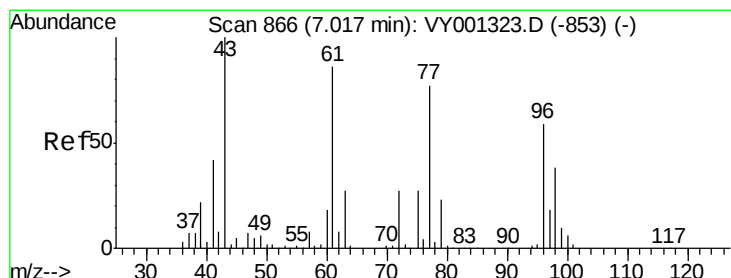
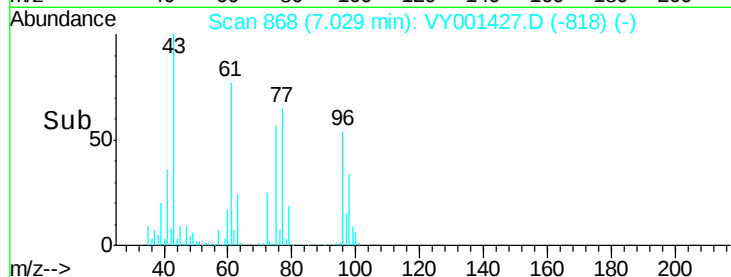
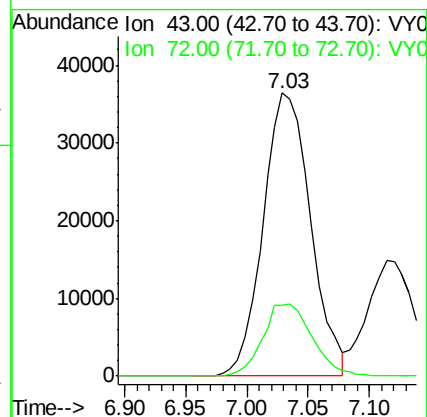
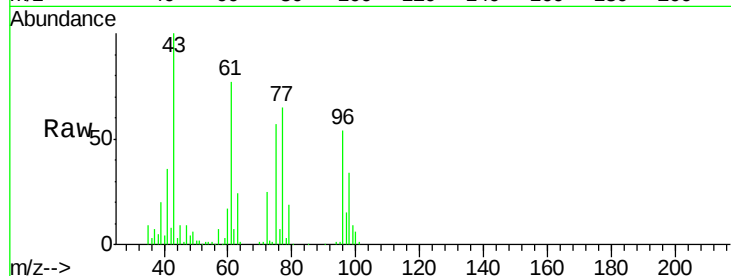
72 25.2 20.6 31.0

Manual Integrations

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MMDadoda

1/31/2020 4:26:20 PM



#26

2,2-Dichloropropane

Concen: 20.501 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001427.D

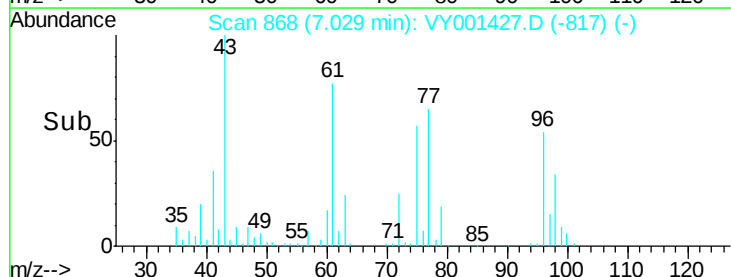
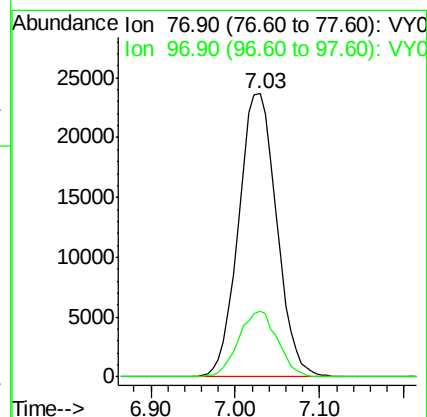
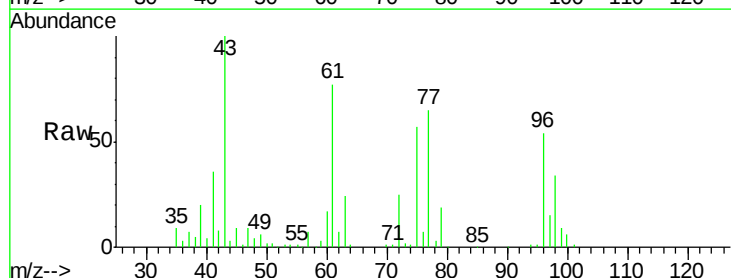
Acq: 30 Jan 2020 14:09

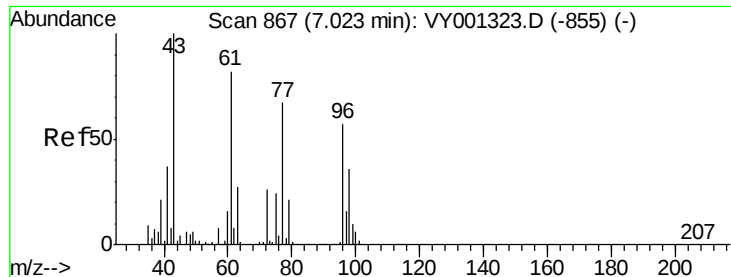
Tgt Ion: 77 Resp: 72506

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5





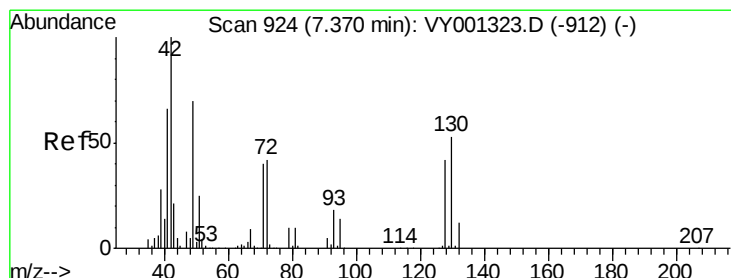
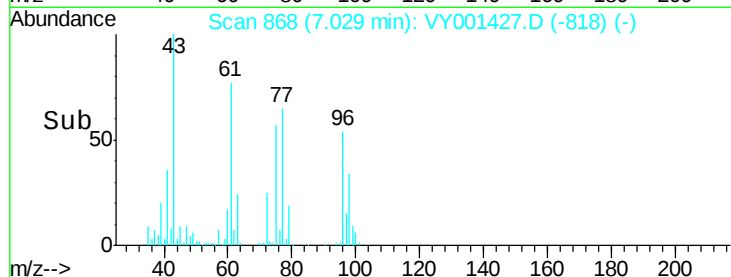
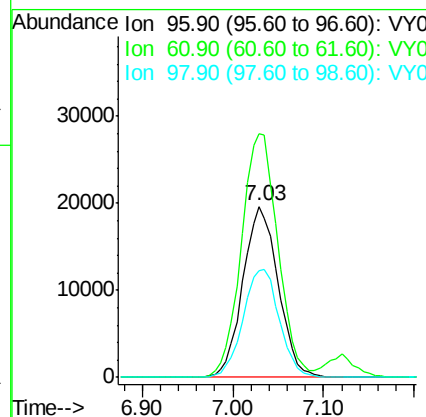
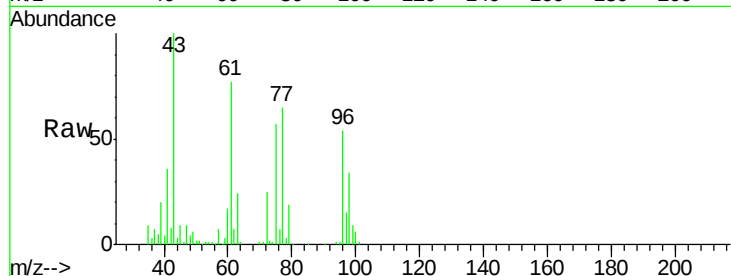
#27
 cis-1,2-Dichloroethene
 Concen: 20.514 ug/l
 RT: 7.03 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.5	0.0	284.8	
98	64.8	0.0	128.4	

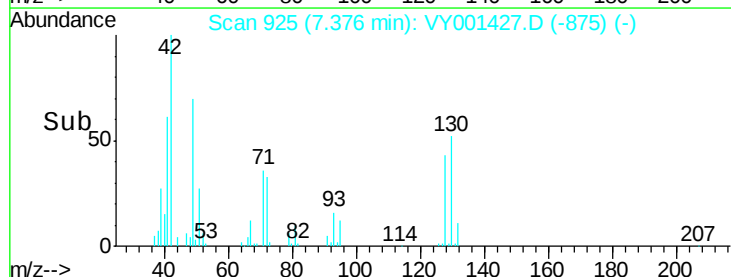
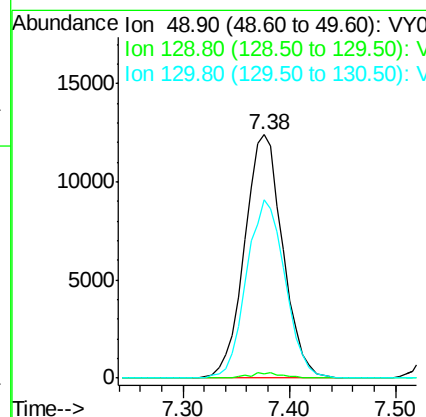
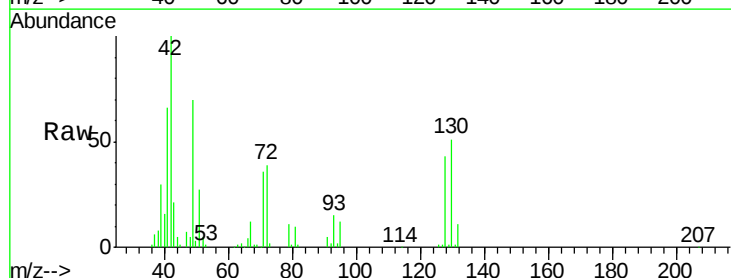
Manual Integrations
 APPROVED

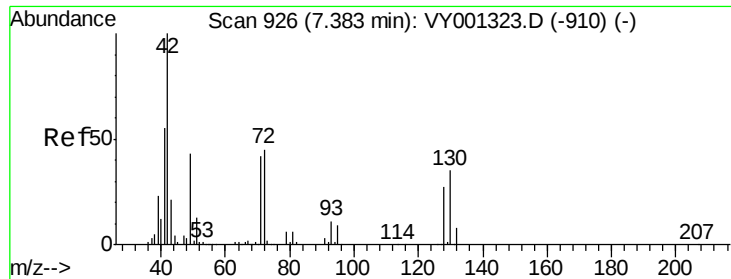
MMDadoda
 1/31/2020 4:26:20 PM



#28
 Bromochloromethane
 Concen: 19.083 ug/l
 RT: 7.38 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.0	
130	73.9	58.9	88.3	





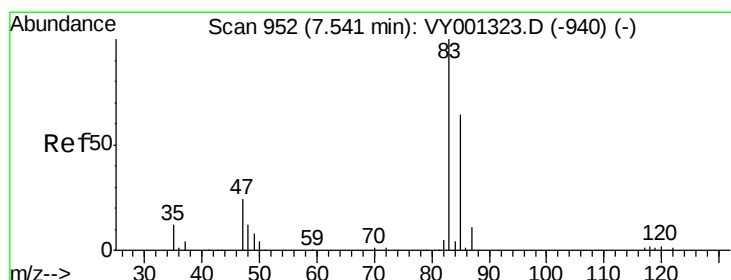
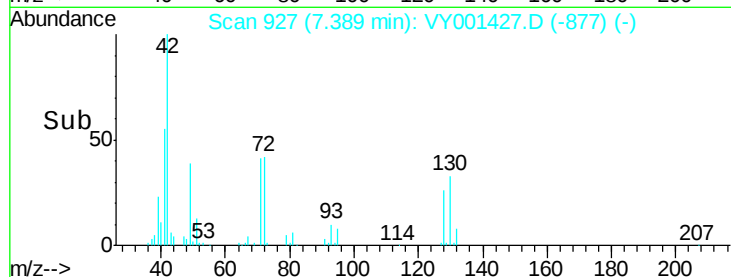
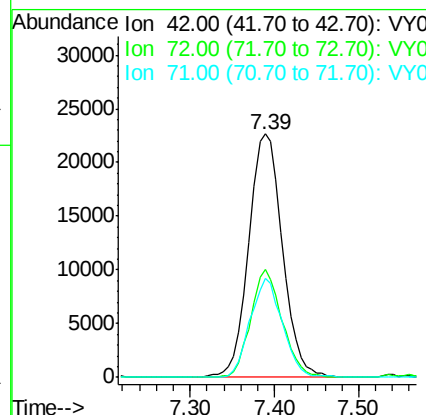
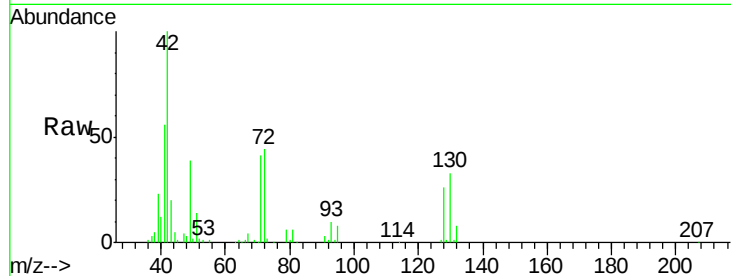
#29
Tetrahydrofuran
Concen: 106.388 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	34.6	51.8
71	39.1	32.6	48.8

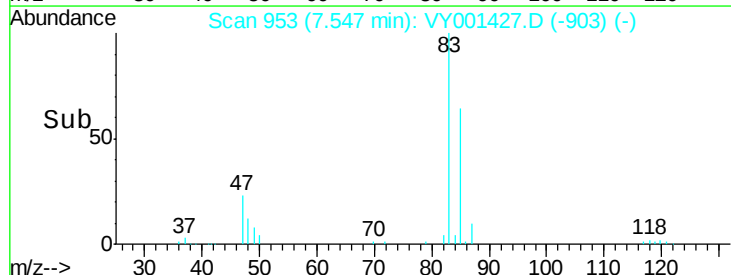
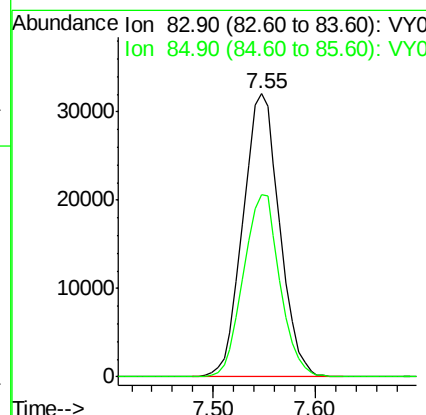
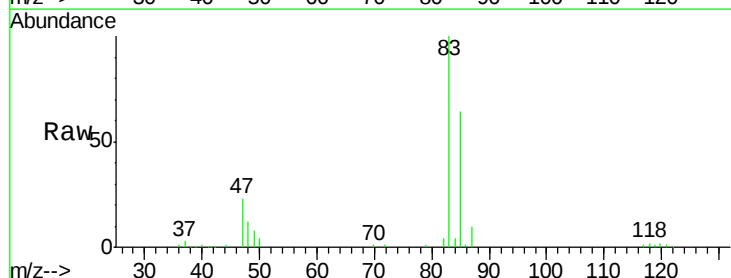
Manual Integrations
APPROVED

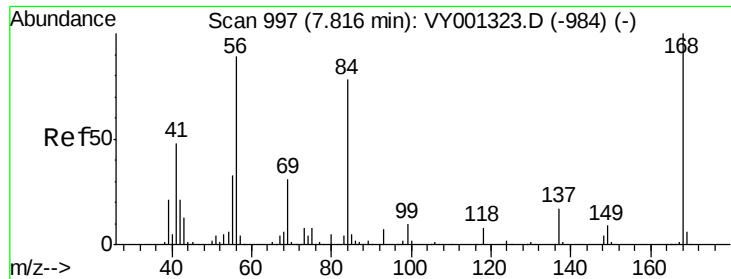
MMDadoda
1/31/2020 4:26:20 PM



#30
Chloroform
Concen: 20.505 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





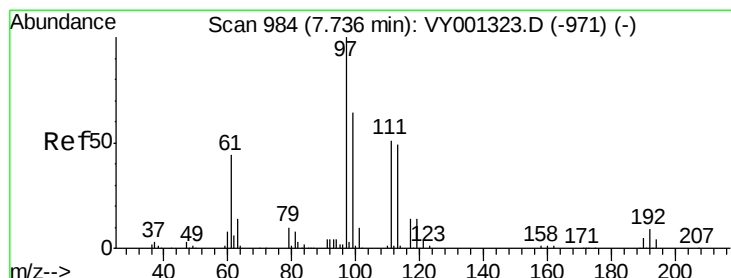
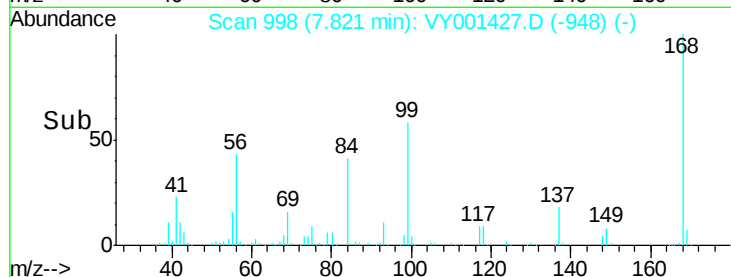
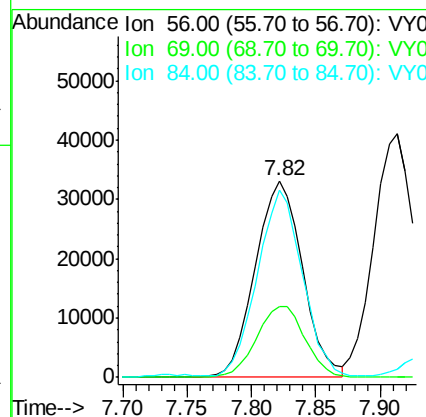
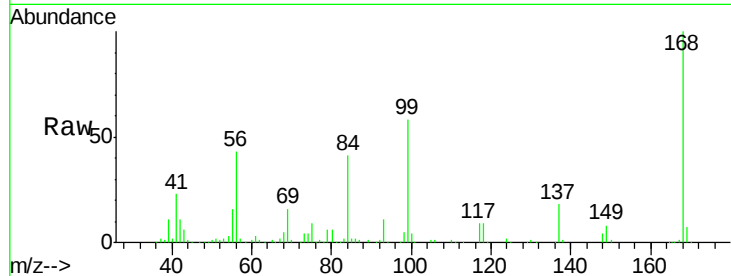
#31
Cyclohexane
Concen: 21.355 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	27.6	41.4
84	94.0	69.7	104.5

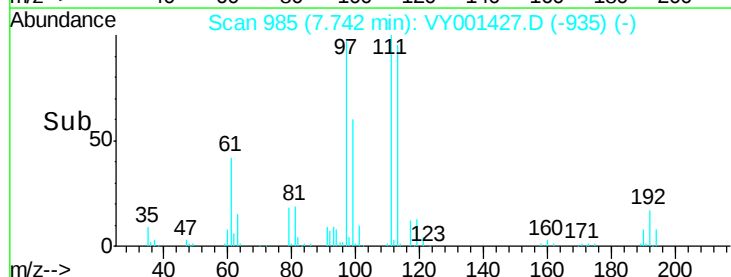
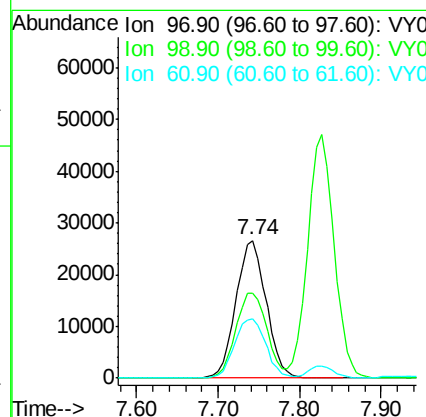
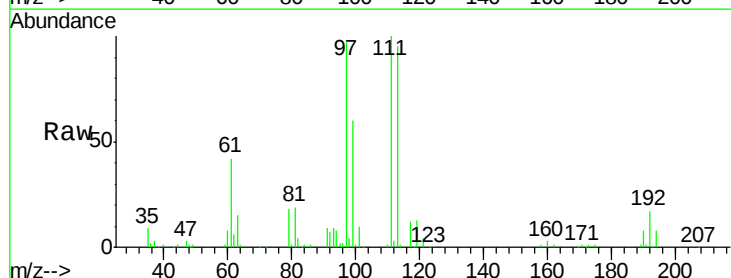
Manual Integrations
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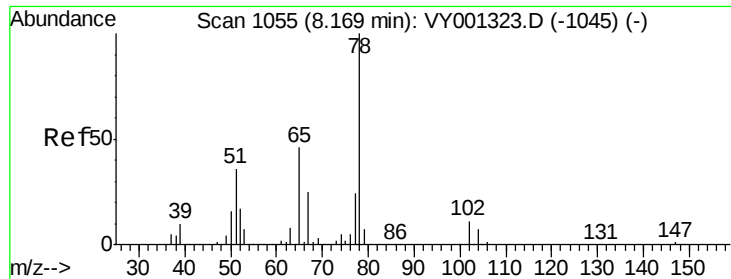
MMDadoda
1/31/2020 4:26:20 PM



#32
1,1,1-Trichloroethane
Concen: 20.660 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	44.3	35.9	53.9





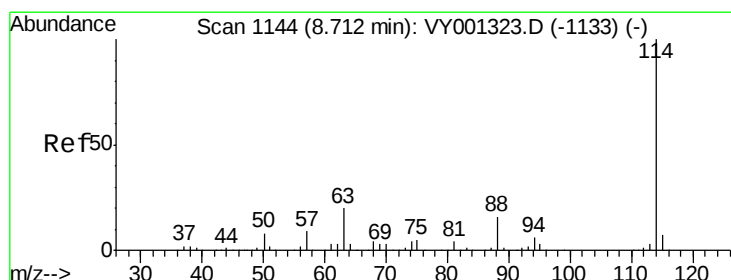
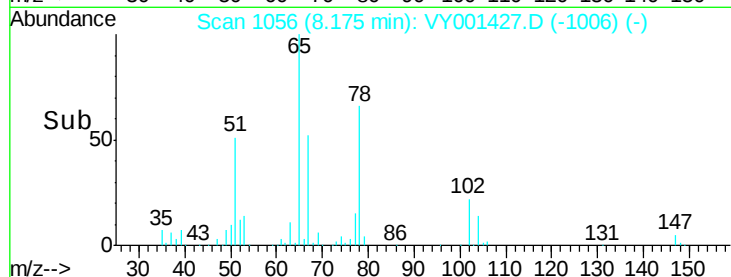
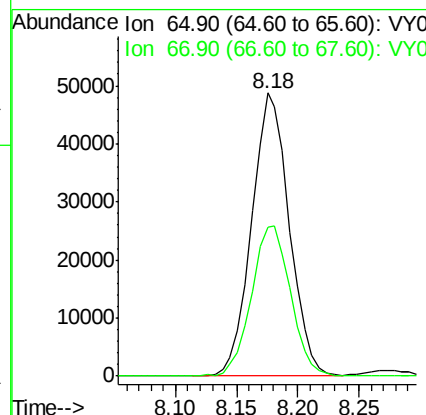
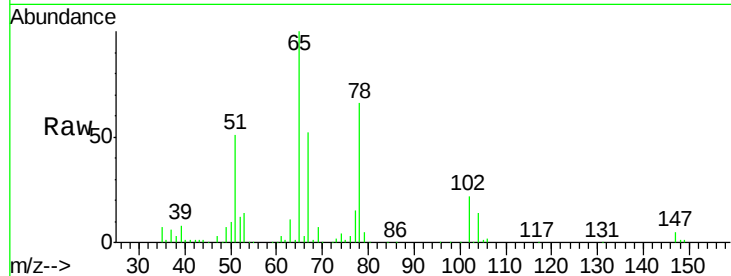
#33
 1,2-Dichloroethane-d4
 Concen: 51.202 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	108.6

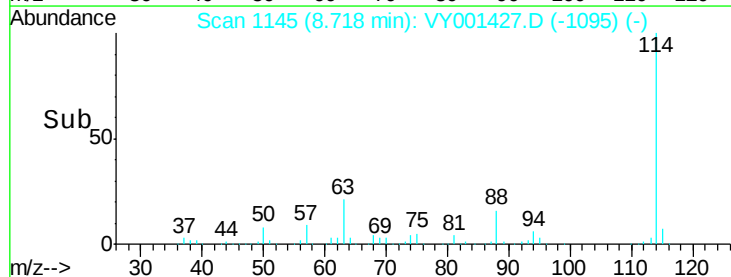
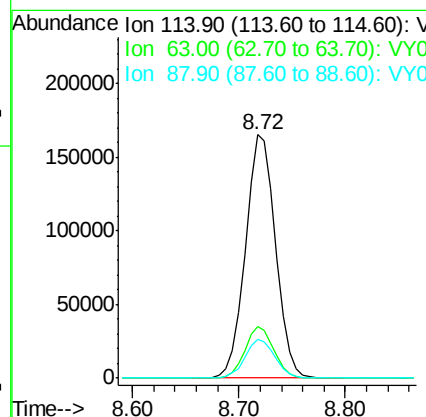
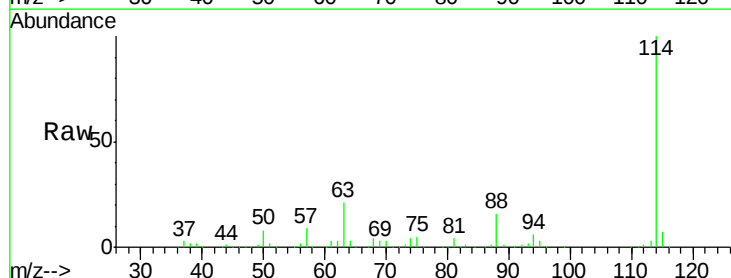
Manual Integrations
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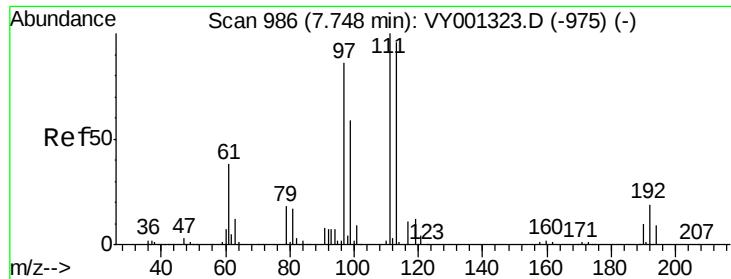
MMDadoda
 1/31/2020 4:26:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.1	0.0	31.0





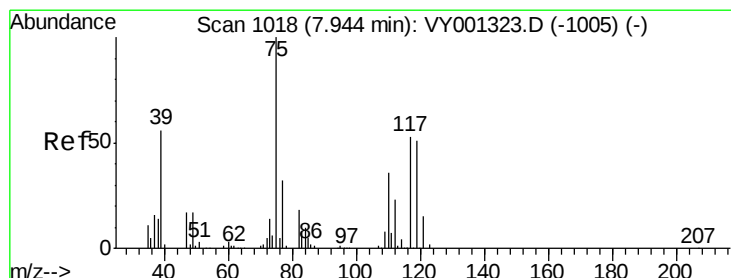
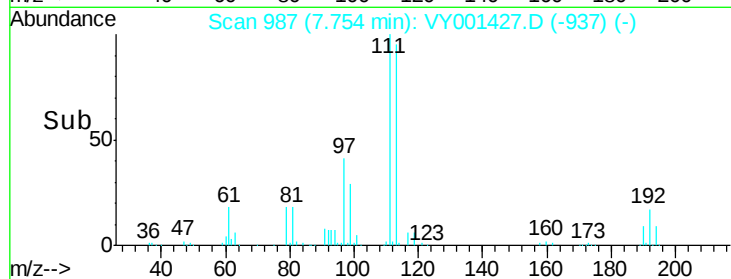
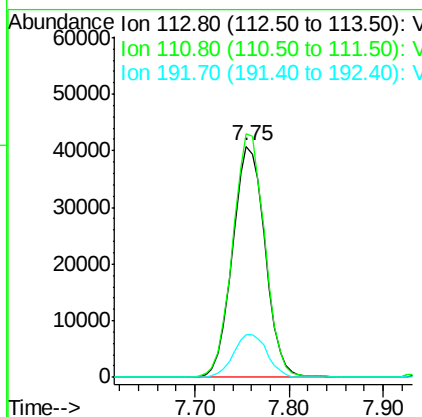
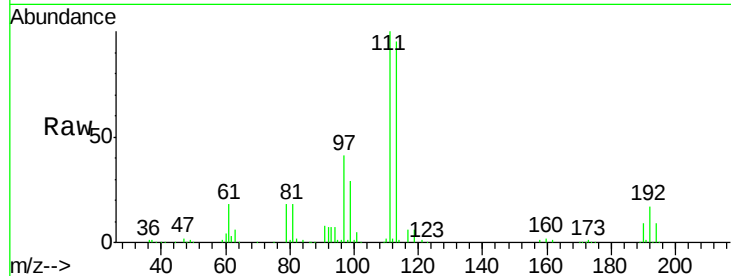
#35
 Dibromofluoromethane
 Concen: 51.195 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98231		
111	104.5	82.8	124.2	
192	19.3	15.5	23.3	

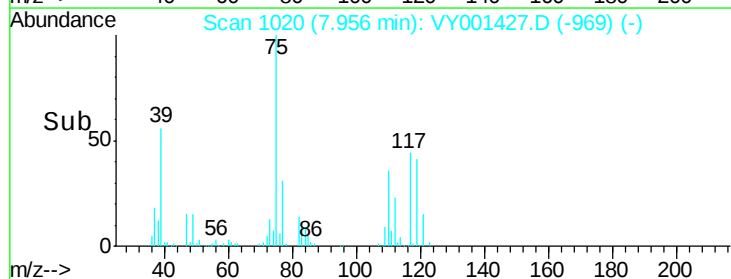
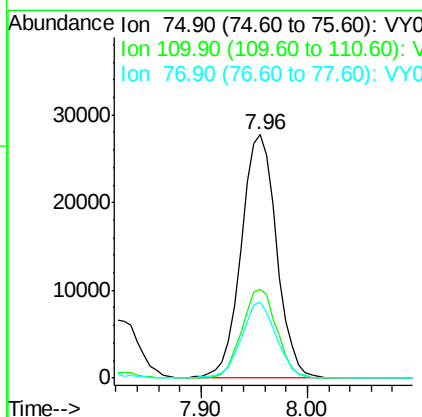
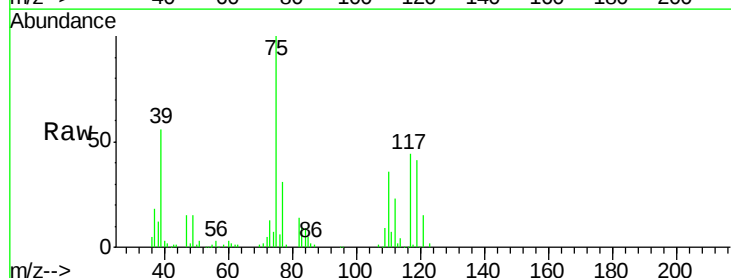
Manual Integrations
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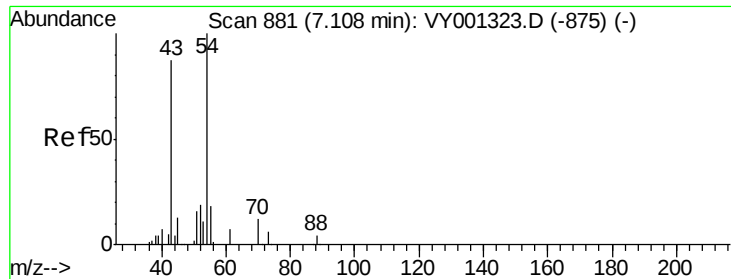
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#36
 1,1-Dichloropropene
 Concen: 21.002 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64868		
110	36.2	17.6	52.8	
77	30.9	24.7	37.1	





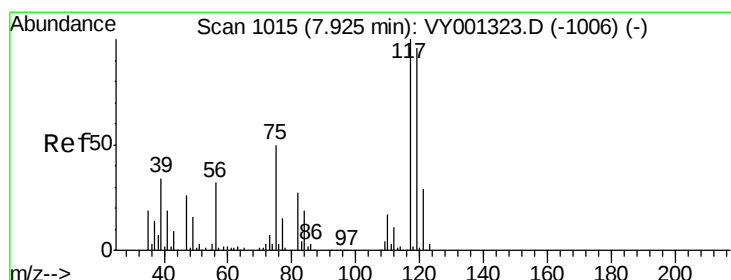
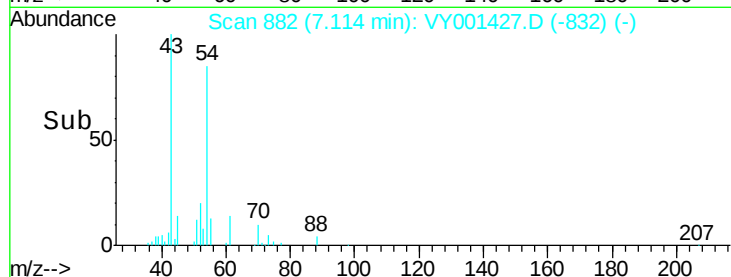
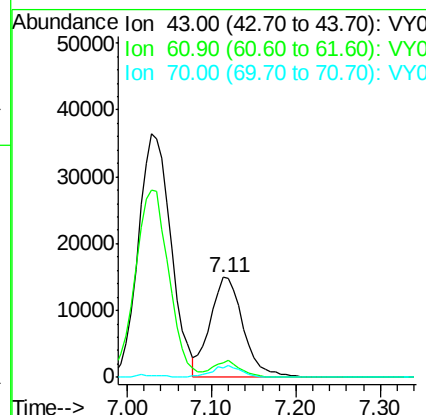
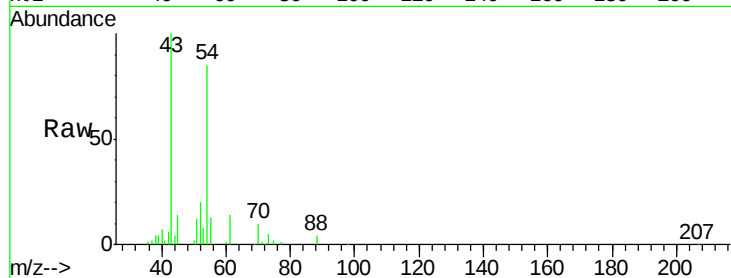
#37
Ethyl Acetate
Concen: 22.000 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.5	8.7	13.1

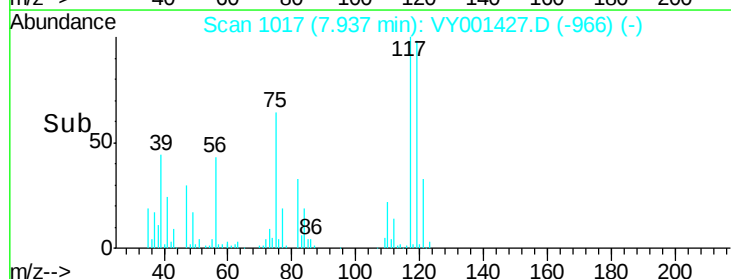
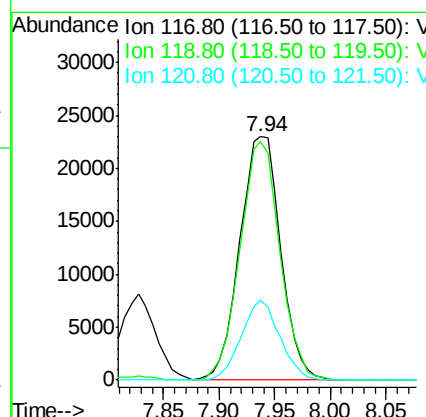
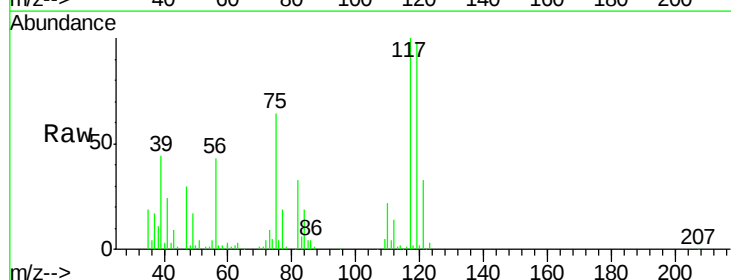
Manual Integrations
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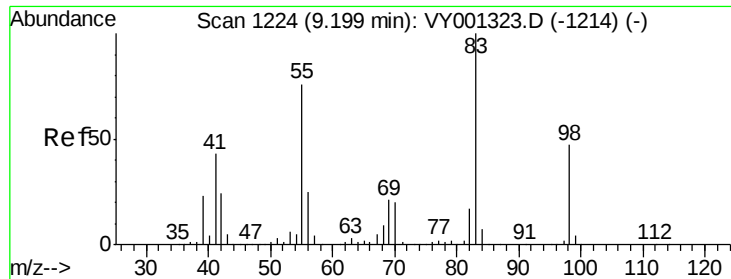
MMDadoda
1/31/2020 4:26:20 PM



#38
Carbon Tetrachloride
Concen: 21.360 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.3	114.5
121	33.0	23.5	35.3





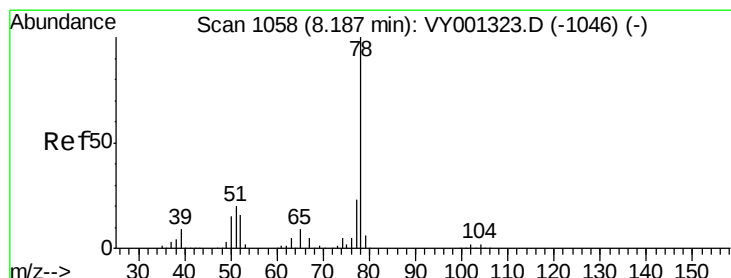
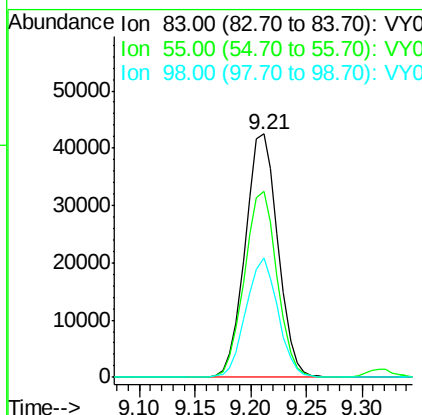
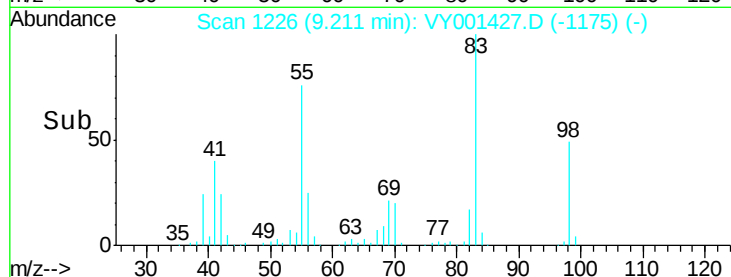
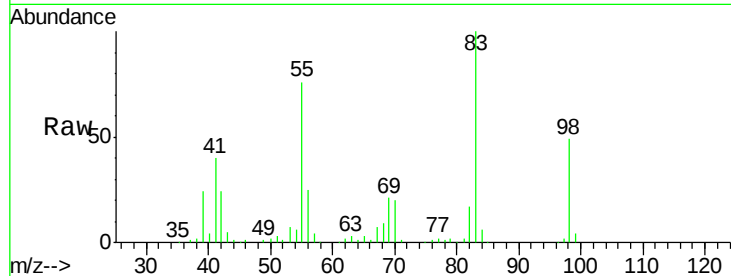
#39
Methylvlcvclohexane
Concen: 22.030 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.7	91.1
98	49.2	37.8	56.8

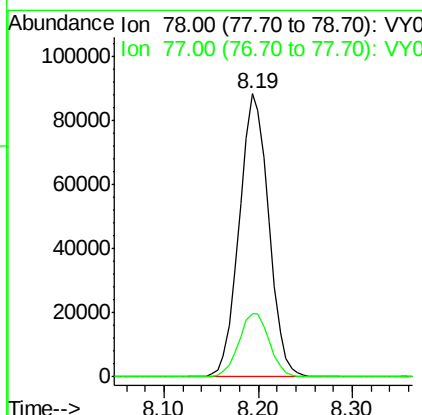
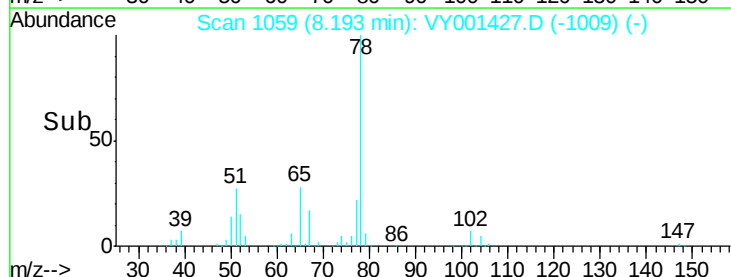
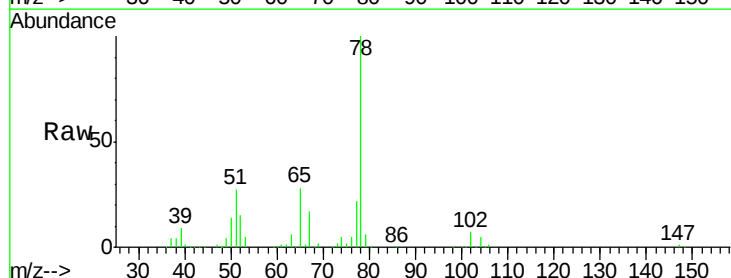
Manual Integrations
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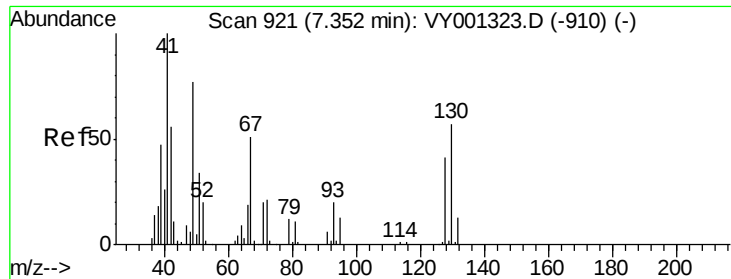
MMDadoda
1/31/2020 4:26:20 PM



#40
Benzene
Concen: 20.829 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.6	27.8





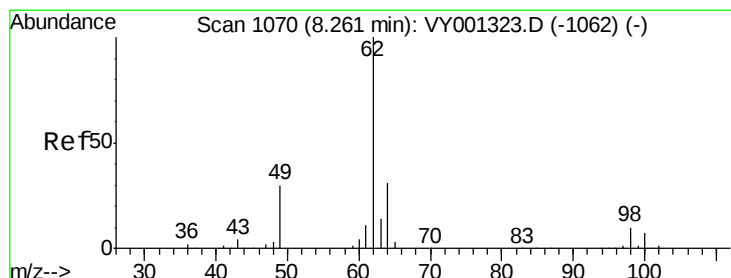
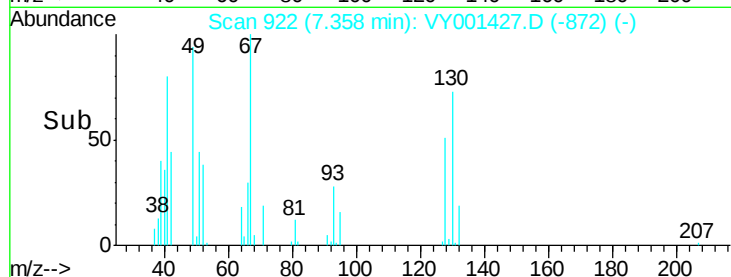
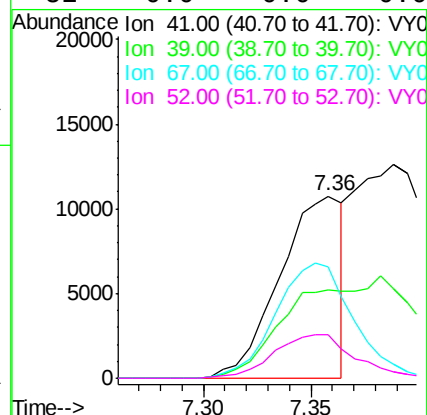
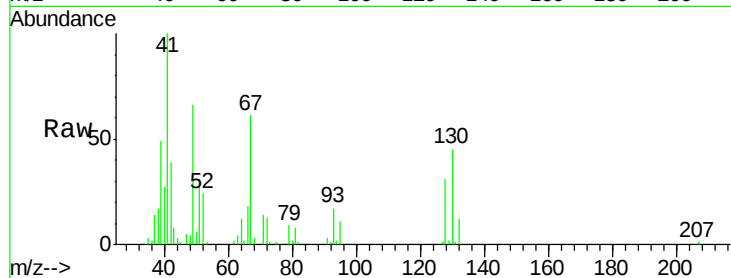
#41
Methacrylonitrile
Concen: 22.773 ug/l m
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	113.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

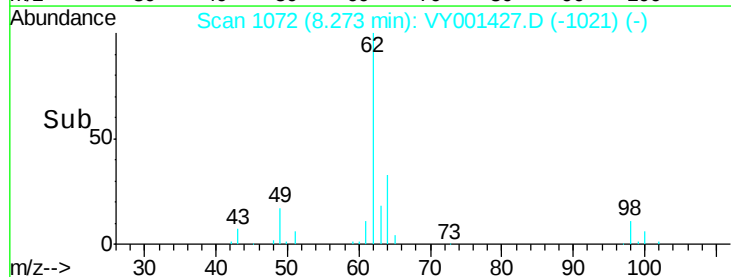
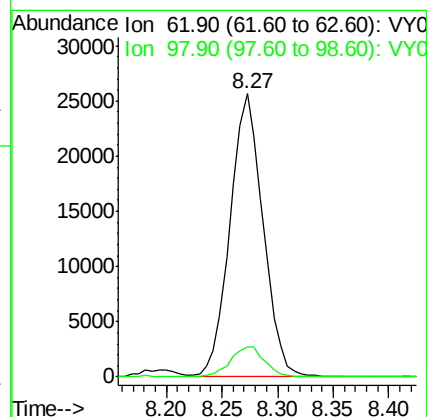
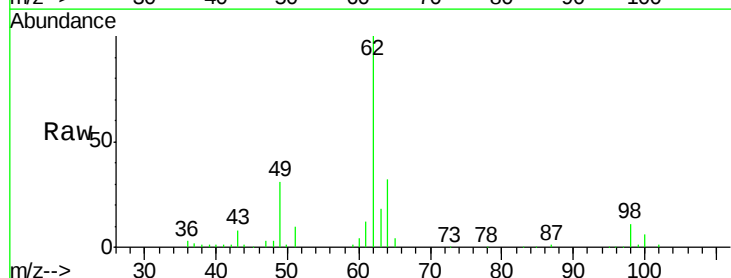
Manual Integrations
APPROVED

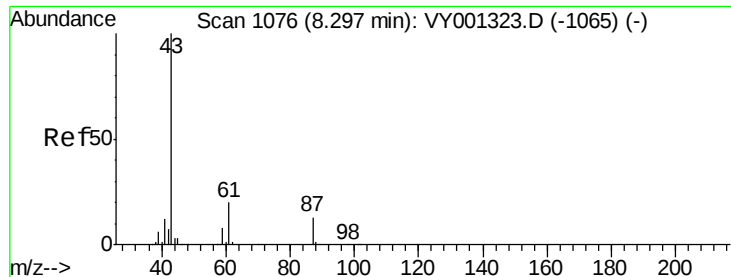
MMDadoda
1/31/2020 4:26:20 PM



#42
1,2-Dichloroethane
Concen: 20.375 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 21.044 ug/l

RT: 8.31 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

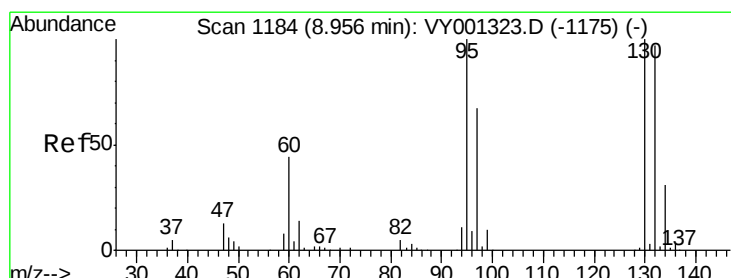
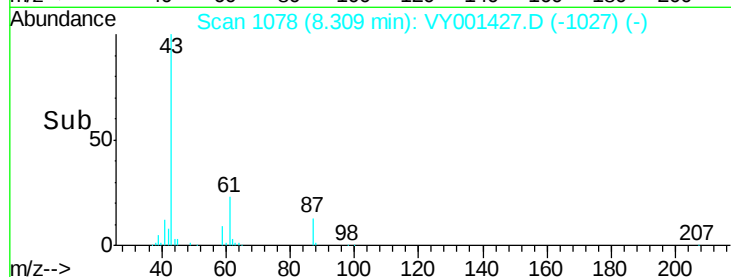
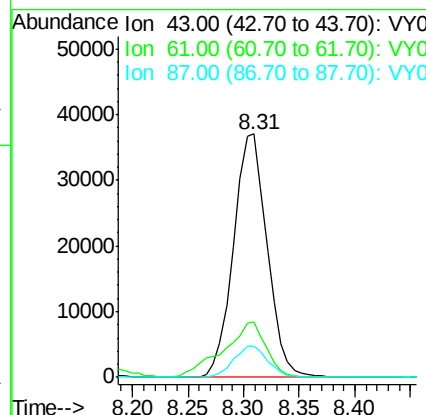
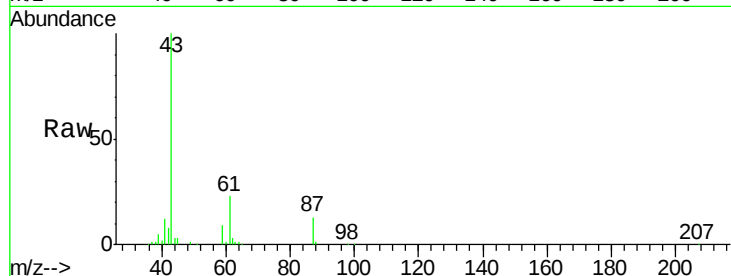
ClientSampleId :

VY0130SBS01

Tot Ion:	43	Resp:	77218
Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.7	34.1
87	13.1	11.0	16.4

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#44

Trichloroethene

Concen: 20.981 ug/l

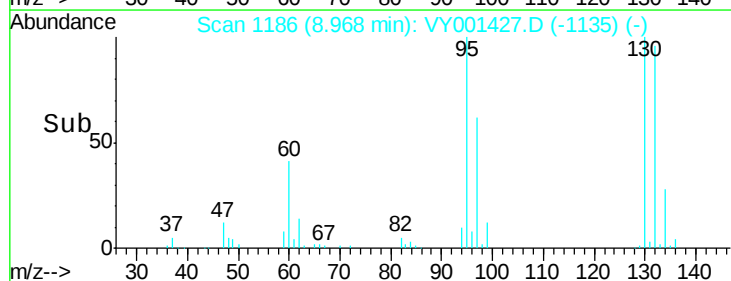
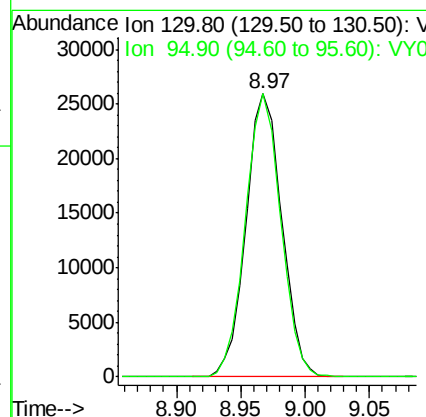
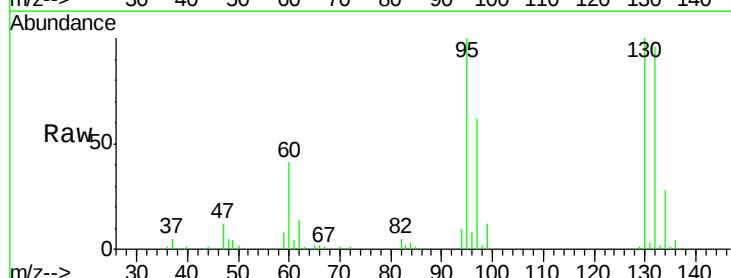
RT: 8.97 min Scan# 1186

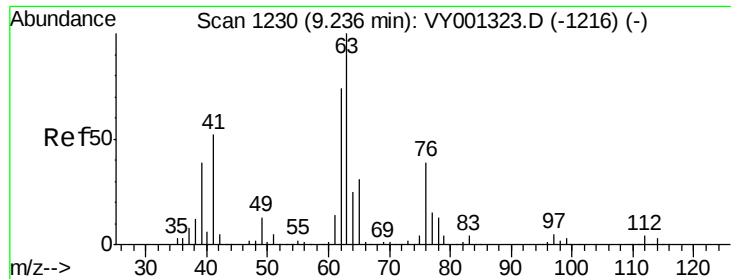
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	130	Resp:	49861
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	200.0





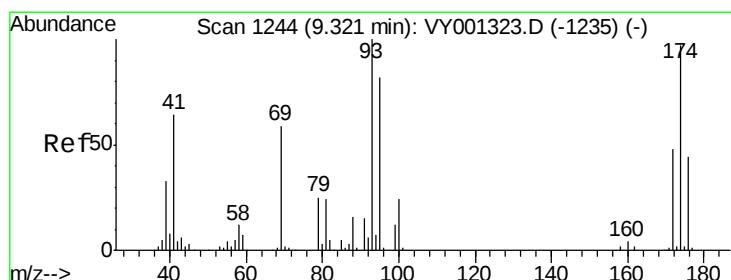
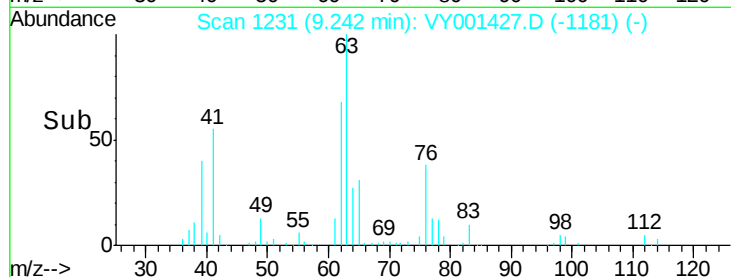
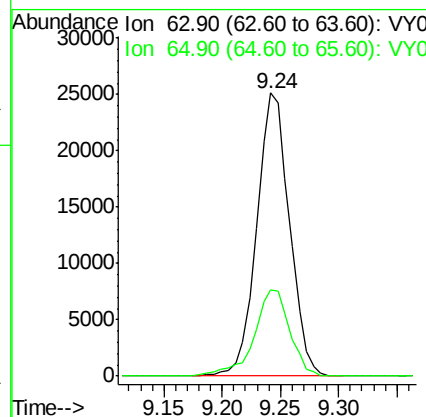
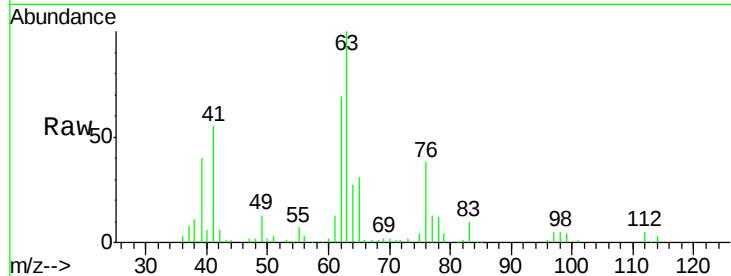
#45
 1,2-Dichloropropane
 Concen: 20.931 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion: 63 Resp: 49003
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3

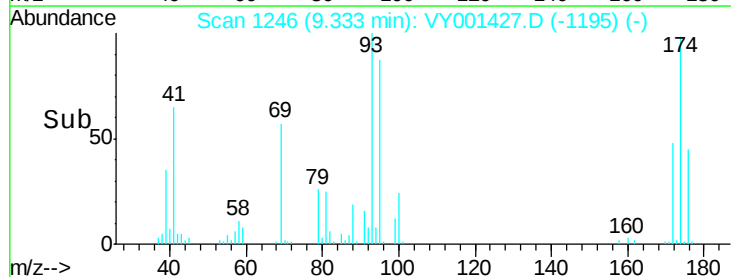
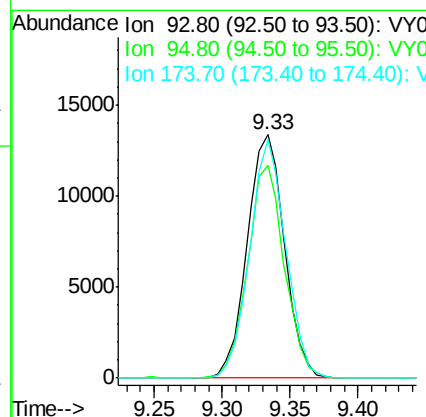
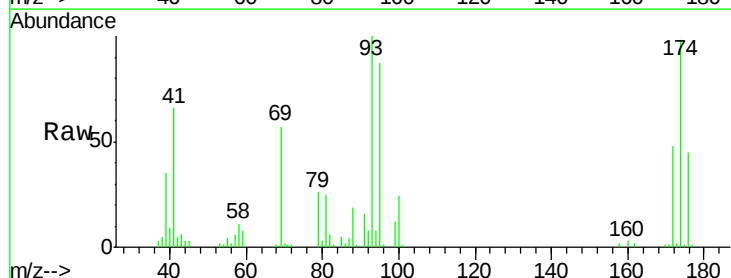
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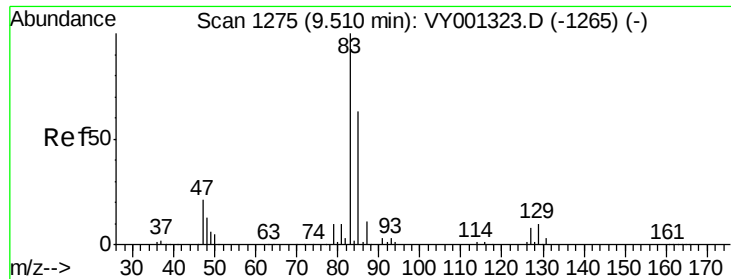
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 1/31/2020 4:26:20 PM



#46
 Dibromomethane
 Concen: 20.417 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 93 Resp: 25661
 Ion Ratio Lower Upper
 93 100
 95 86.3 66.5 99.7
 174 94.7 77.9 116.9





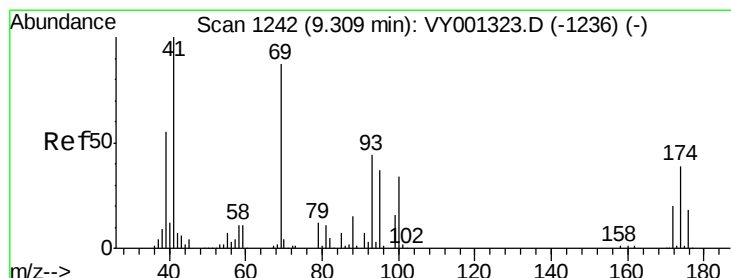
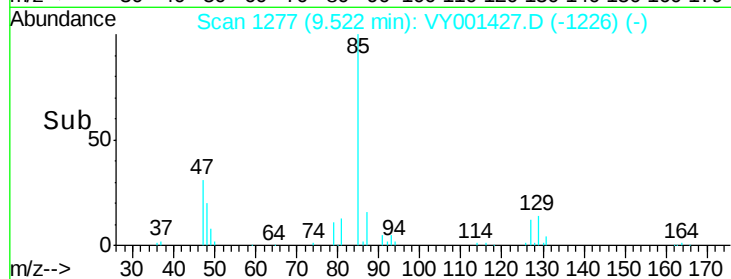
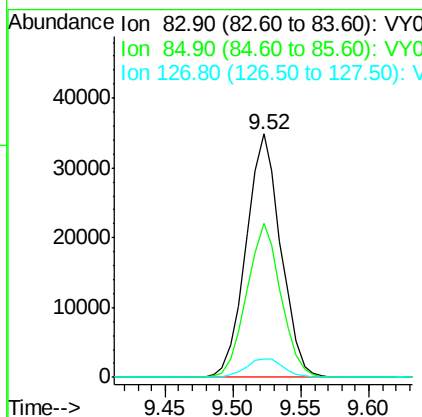
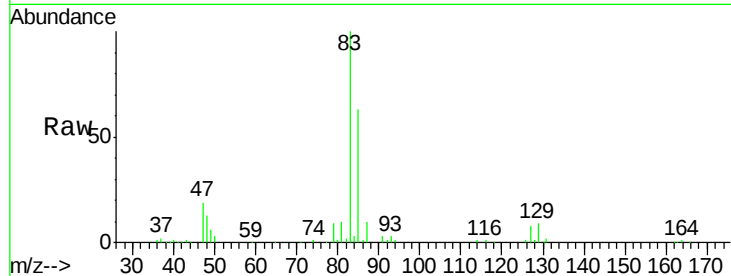
#47
Bromodichloromethane
Concen: 20.714 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	83	Resp	62235
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	50.2	75.2
127	7.7	6.4	9.6

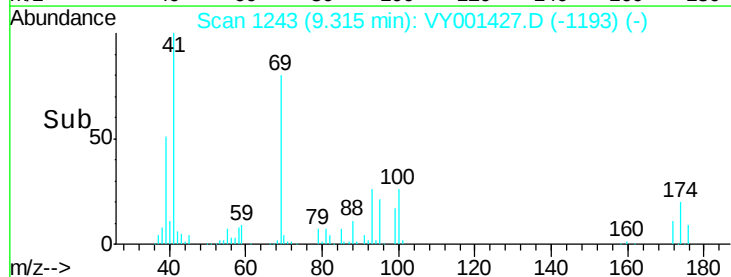
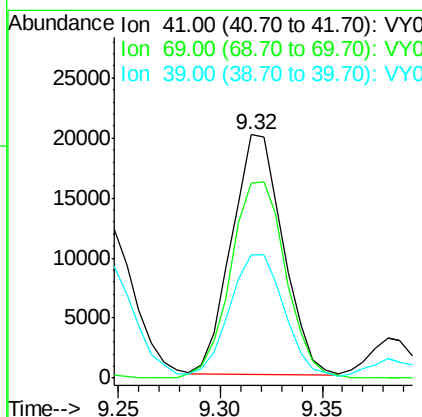
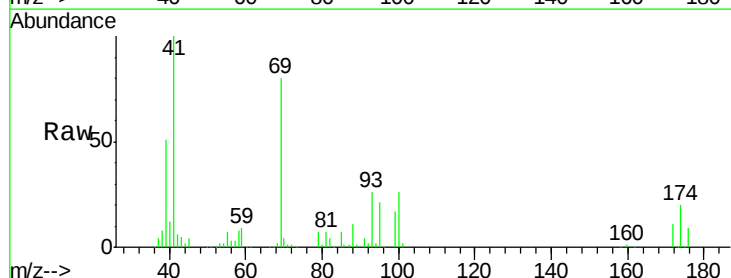
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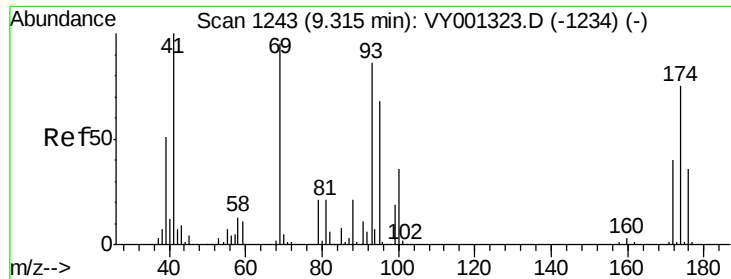
MMDadoda
1/31/2020 4:26:20 PM



#48
Methyl methacrylate
Concen: 21.093 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	41	Resp	35185
Ion Ratio	100	Lower	Upper
41	100		
69	87.3	70.2	105.4
39	53.1	45.7	68.5





#49

1,4-Dioxane

Concen: 428.405 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

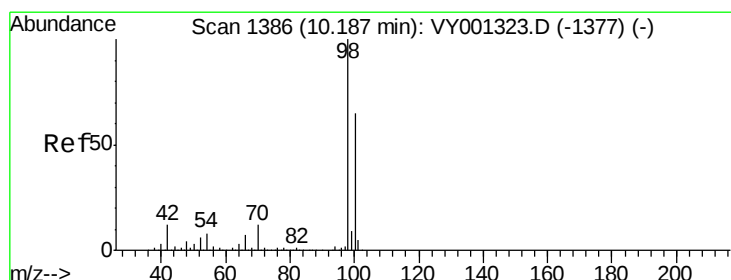
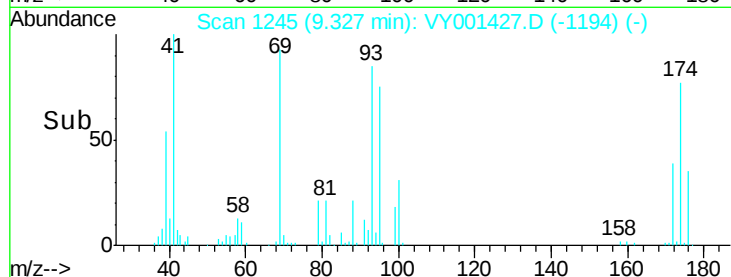
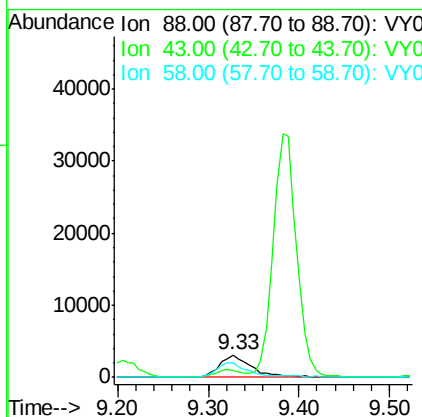
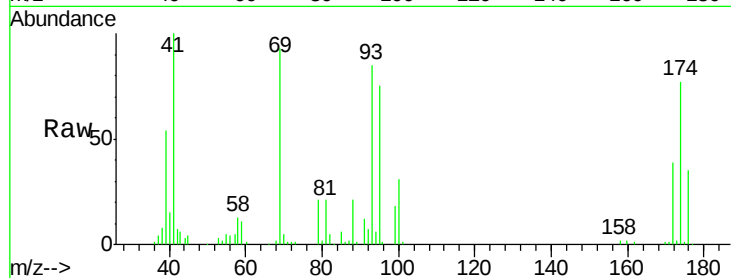
ClientSampleId :

VY0130SBS01

Tot Ion:	88	Resp:	7593
Ion	Ratio	Lower	Upper
88	100		
43	29.0	28.2	42.2
58	64.2	55.6	83.4

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#50

Toluene-d8

Concen: 53.469 ug/l

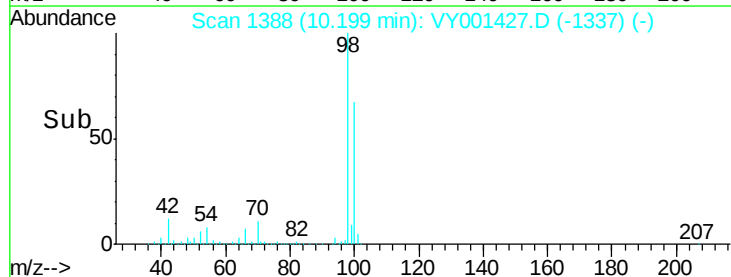
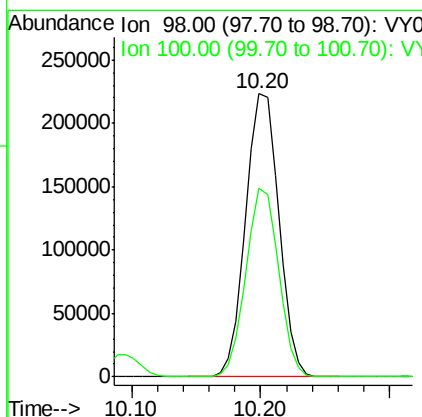
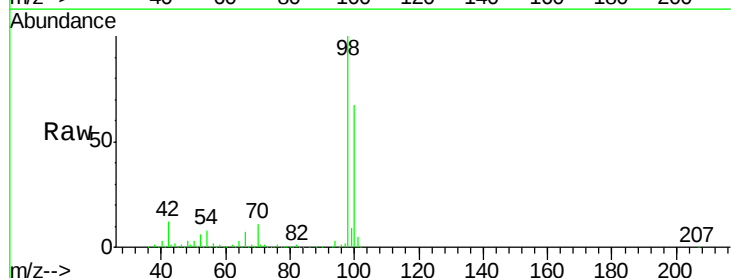
RT: 10.20 min Scan# 1388

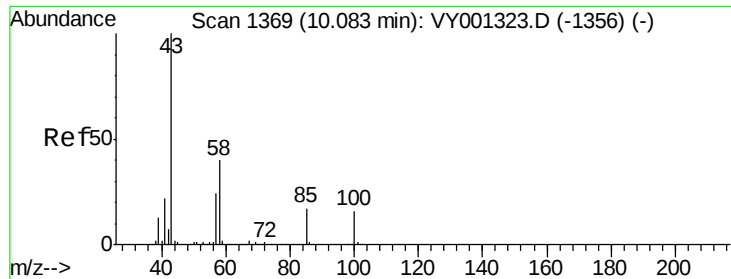
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	98	Resp:	398599
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	79.0





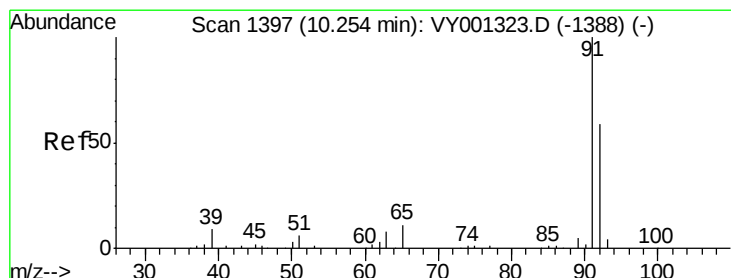
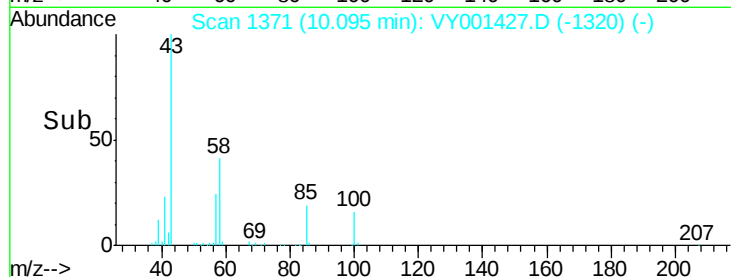
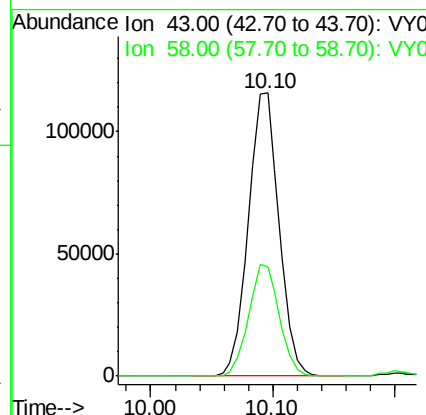
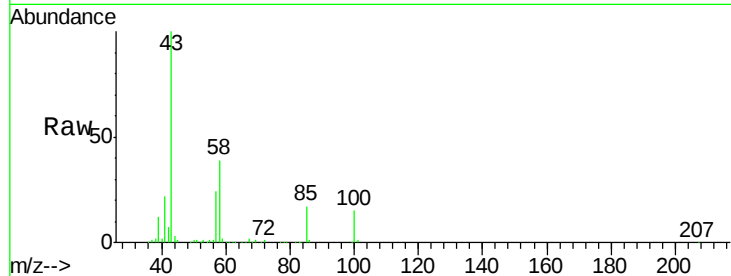
#51
4-Methyl-2-Pentanone
Concen: 106.914 ug/l
RT: 10.10 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.5	47.3

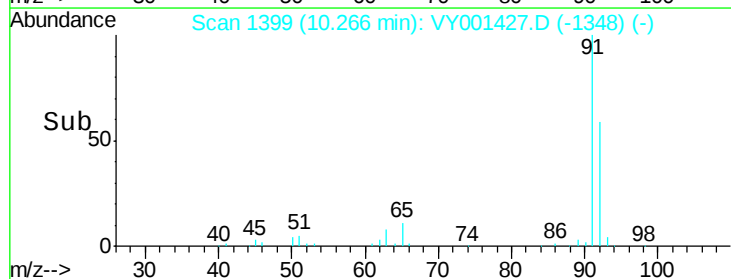
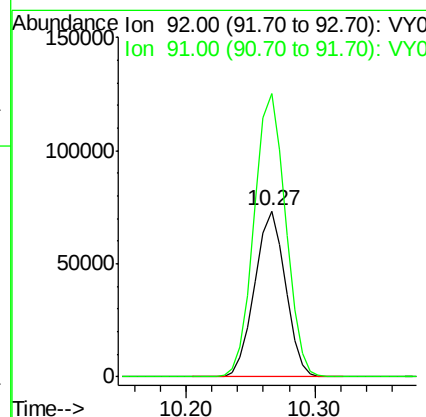
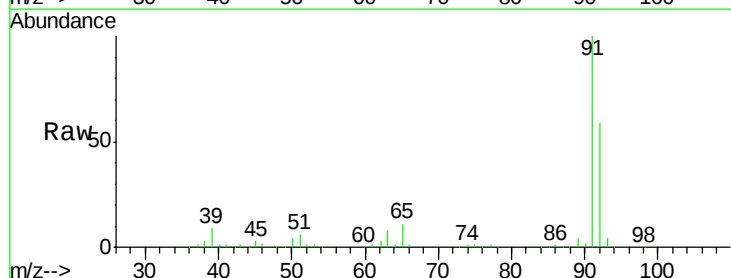
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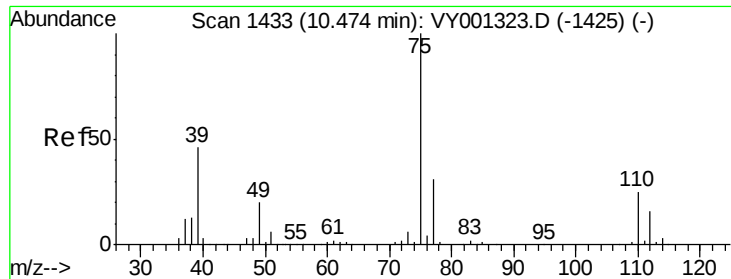
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#52
Toluene
Concen: 20.624 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	136.4	204.6





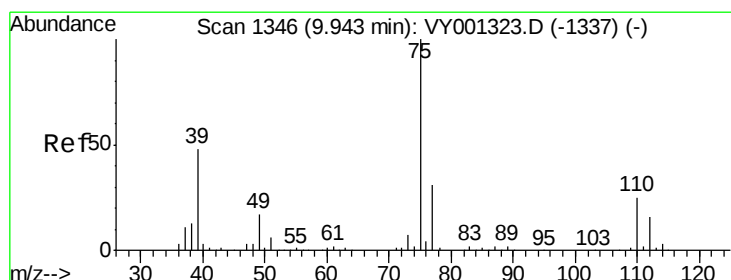
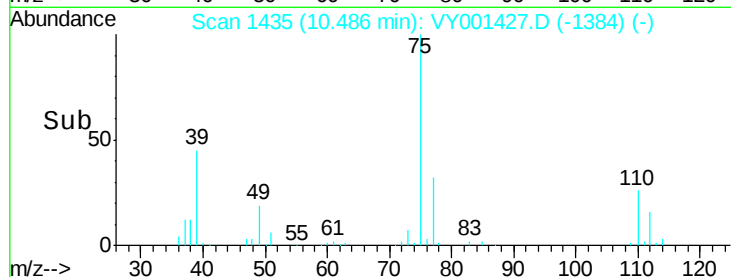
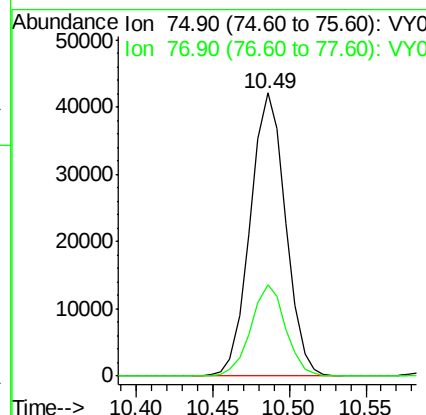
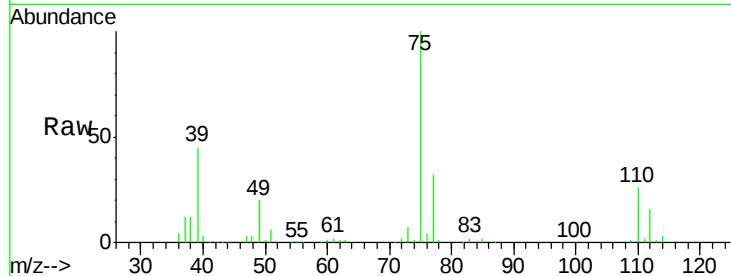
#53
t-1,3-Dichloropropene
Concen: 20.391 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion: 75 Resp: 67906
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8

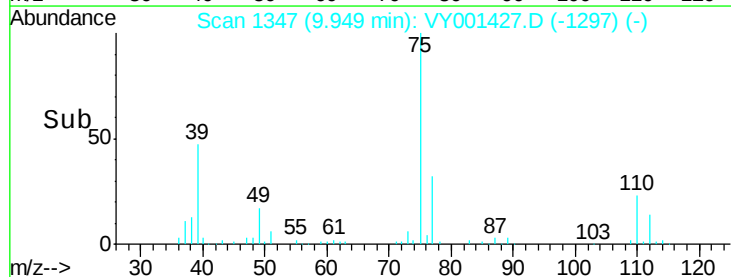
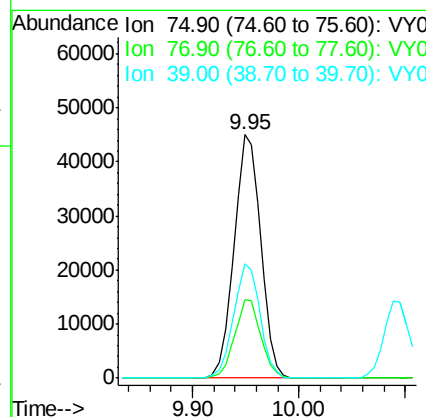
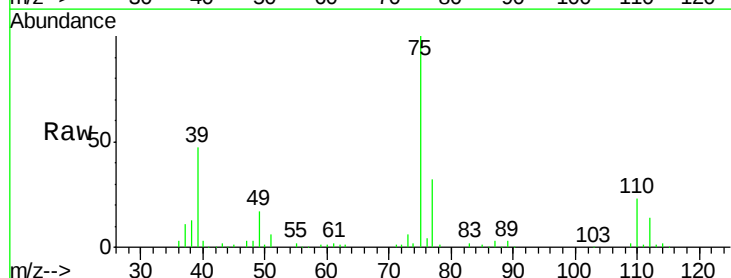
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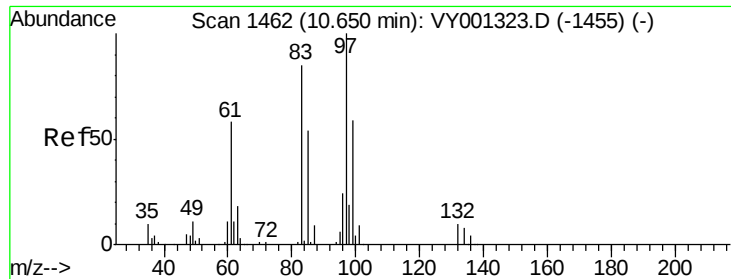
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#54
cis-1,3-Dichloropropene
Concen: 20.768 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 75 Resp: 79382
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 46.7 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 20.596 ug/l

RT: 10.67 min Scan# 1465

Delta R.T. 0.02 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

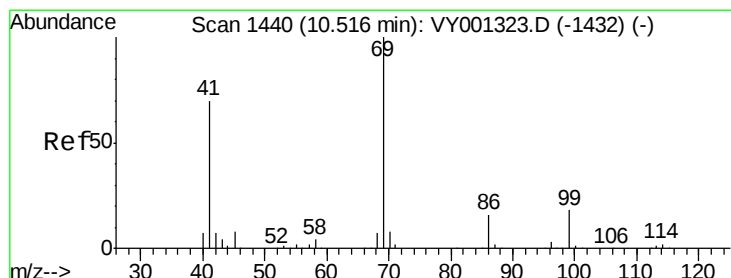
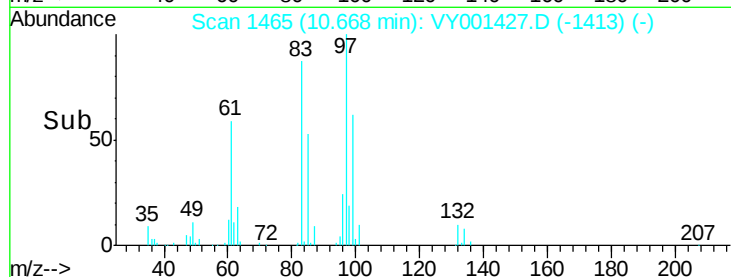
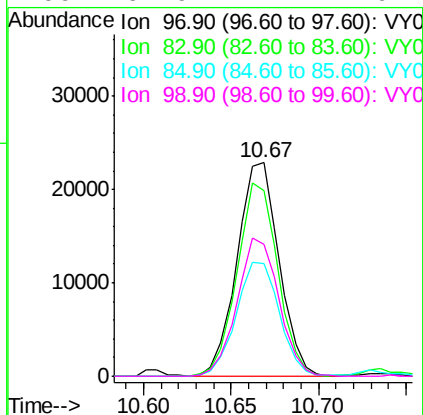
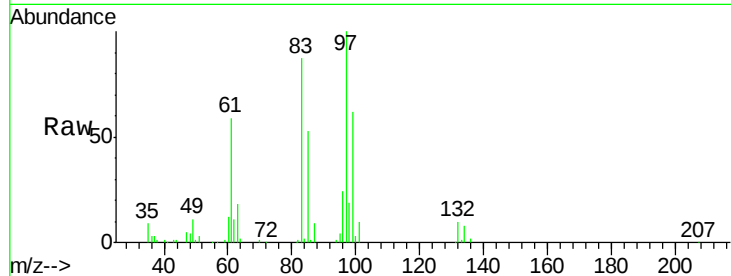
ClientSampleId :

VY0130SBS01

Tot Ion:	97	Resp:	38207
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.0	102.0
85	52.7	43.6	65.4
99	61.9	47.1	70.7

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#56

Ethyl methacrylate

Concen: 20.686 ug/l

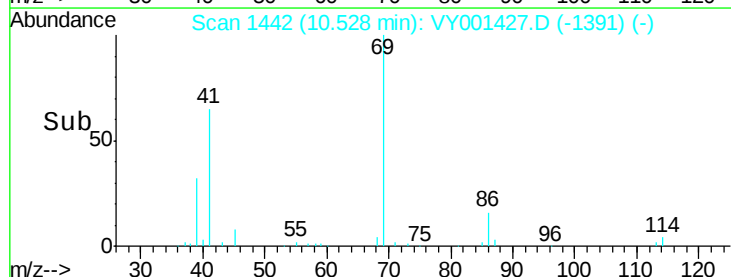
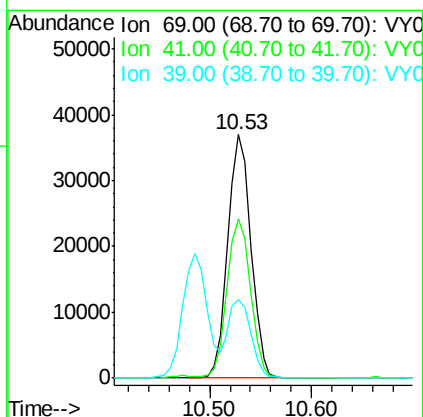
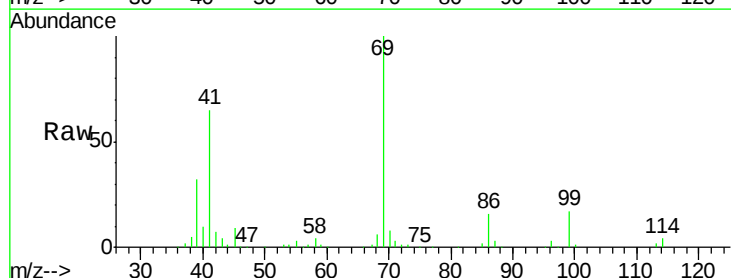
RT: 10.53 min Scan# 1442

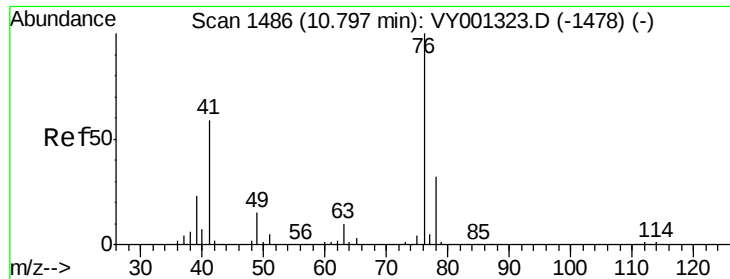
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	69	Resp:	57998
Ion	Ratio	Lower	Upper
69	100		
41	66.2	54.1	81.1
39	31.8	26.8	40.2





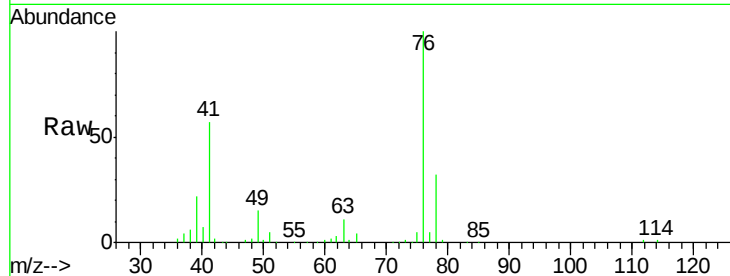
#57
 1,3-Dichloropropane
 Concen: 20.822 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

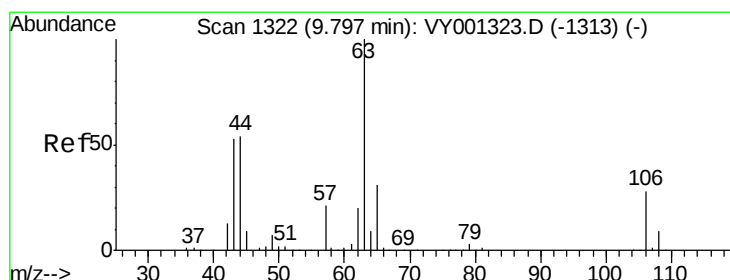
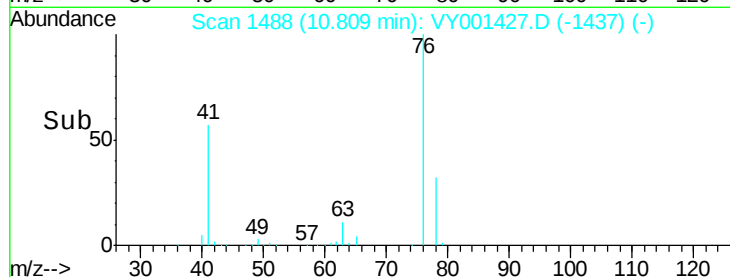
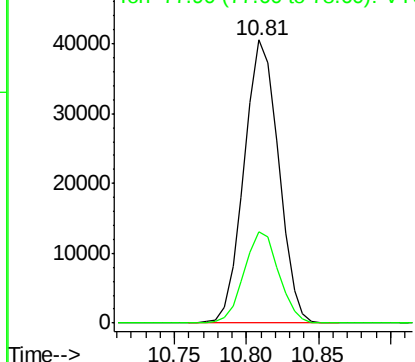
Tot Ion: 76 Resp: 67287
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8

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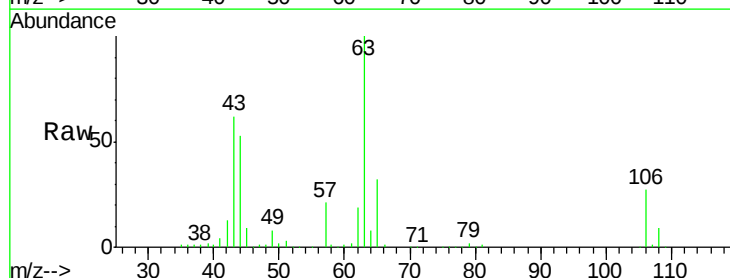


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

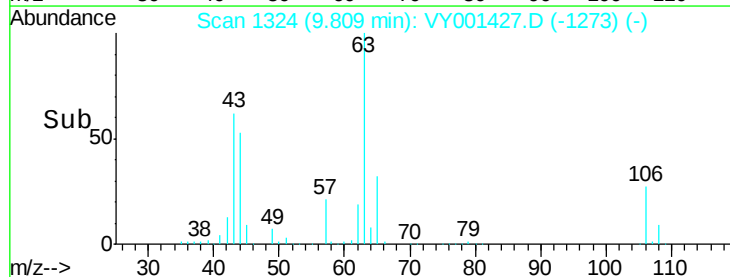
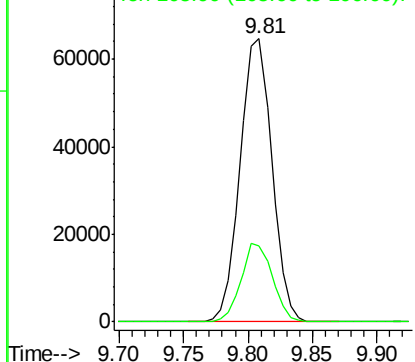


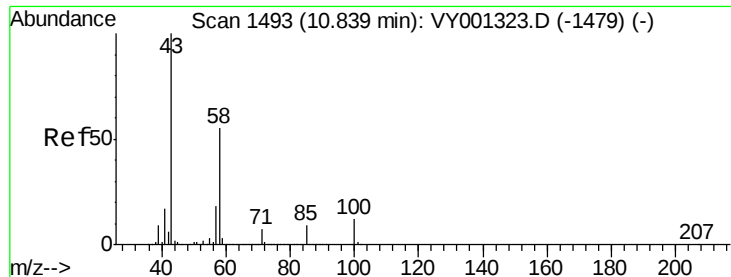
#58
 2-Chloroethyl Vinyl ether
 Concen: 114.255 ug/l
 RT: 9.81 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 63 Resp: 110852
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 105.90 (105.60 to 106.60): V





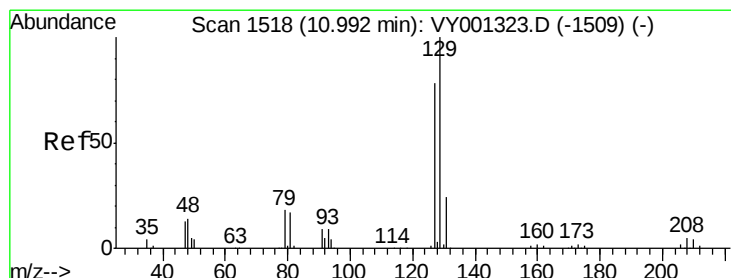
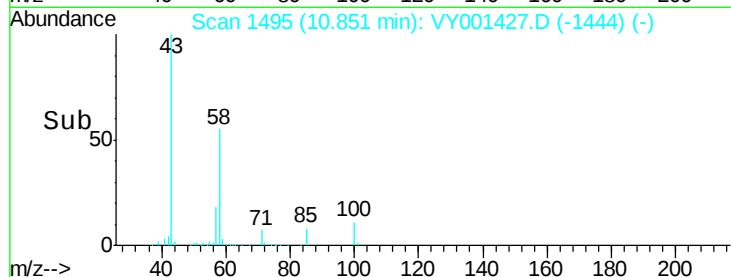
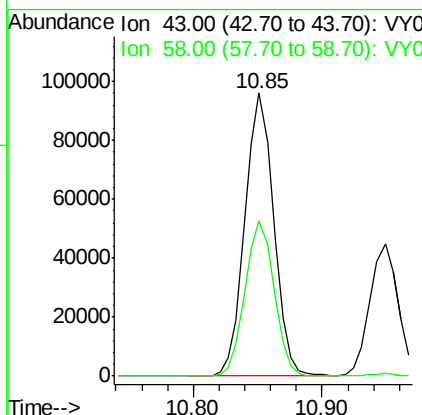
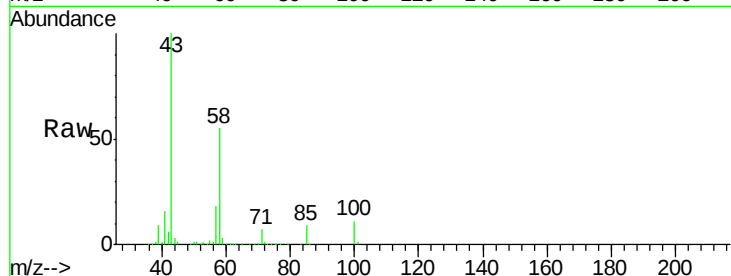
#59
2-Hexanone
Concen: 112.730 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion: 43 Resp: 148300
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.8

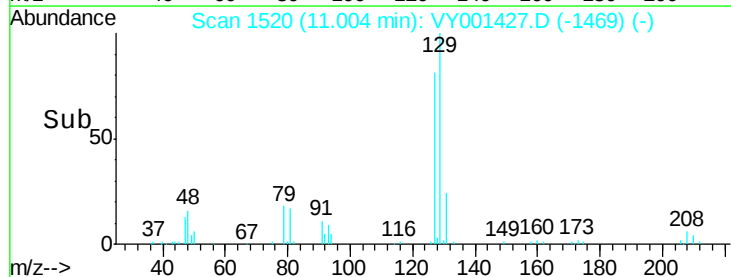
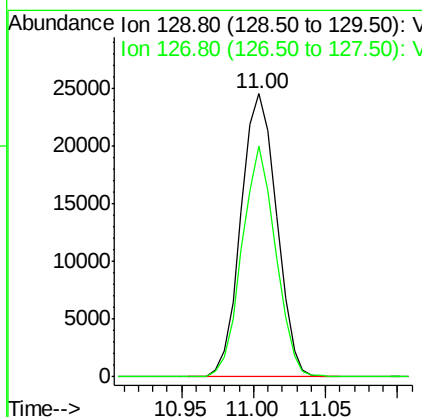
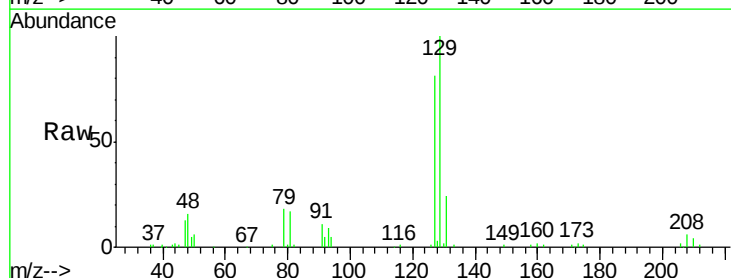
Manual Integrations
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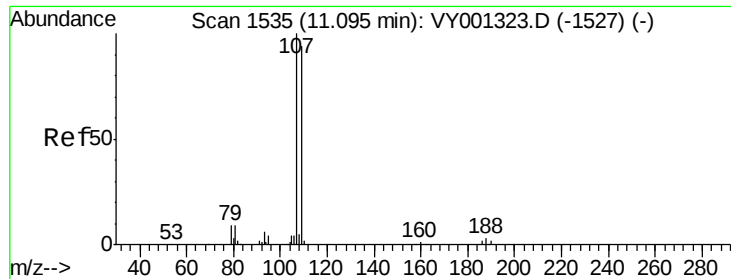
MMDadoda
1/31/2020 4:26:20 PM



#60
Dibromochloromethane
Concen: 20.349 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 129 Resp: 42220
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





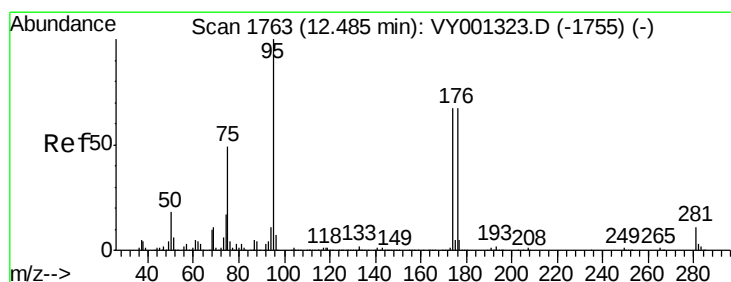
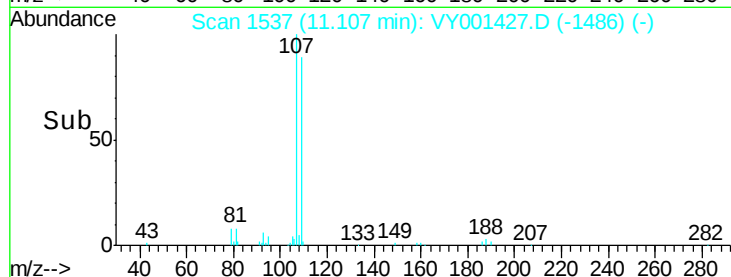
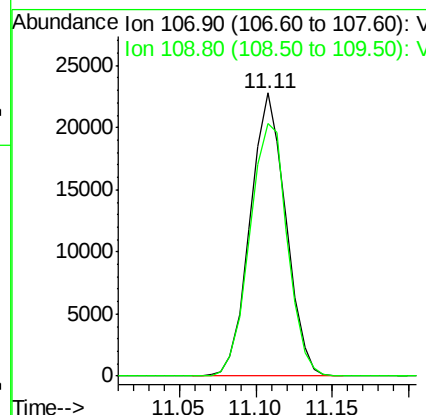
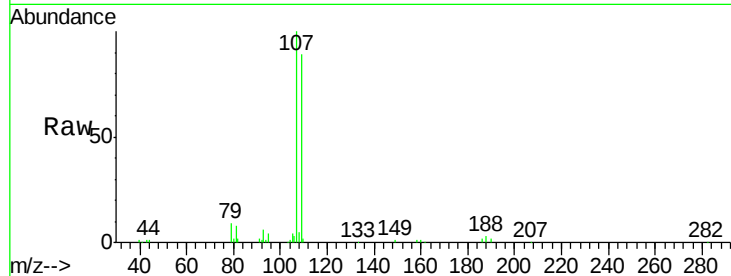
#61
 1,2-Dibromoethane
 Concen: 21.069 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.0	112.6

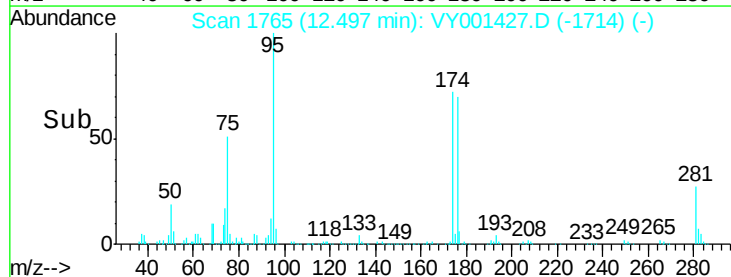
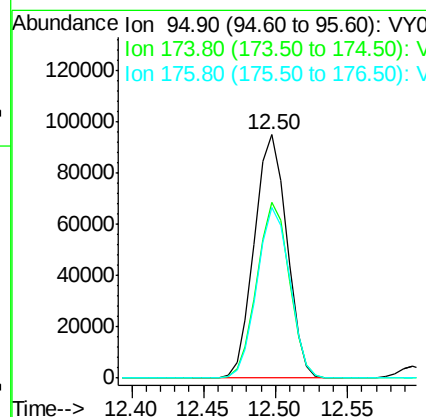
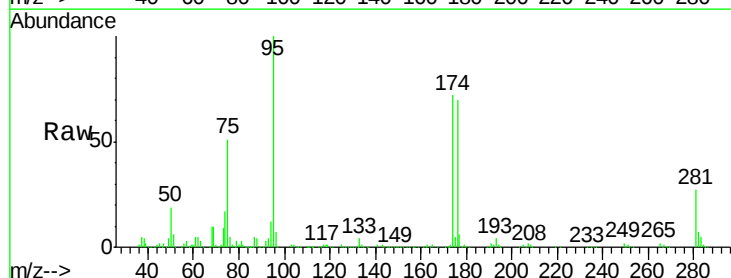
Manual Integrations
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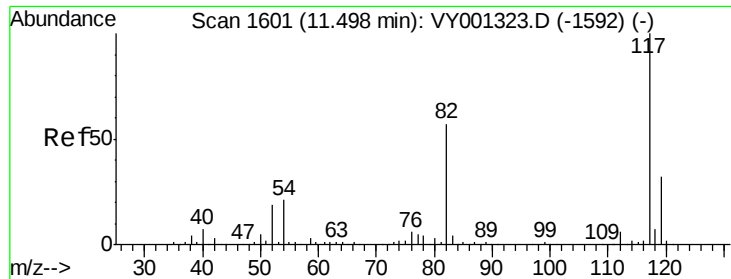
MMDadoda
 1/31/2020 4:26:20 PM



#62
 4-Bromofluorobenzene
 Concen: 49.894 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	142.0
176	70.4	0.0	138.6





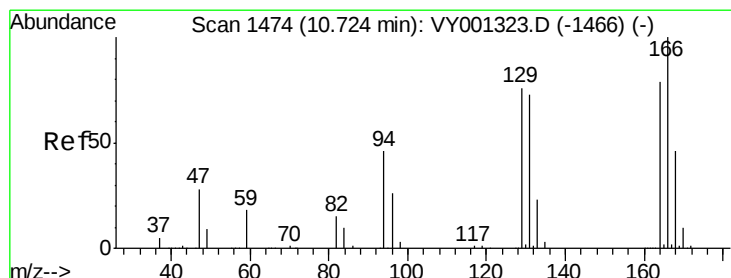
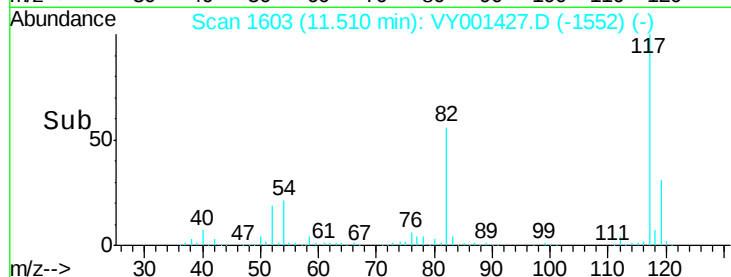
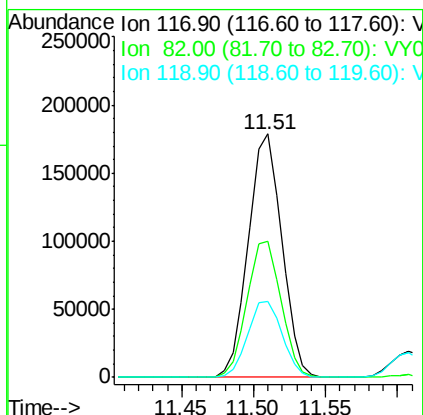
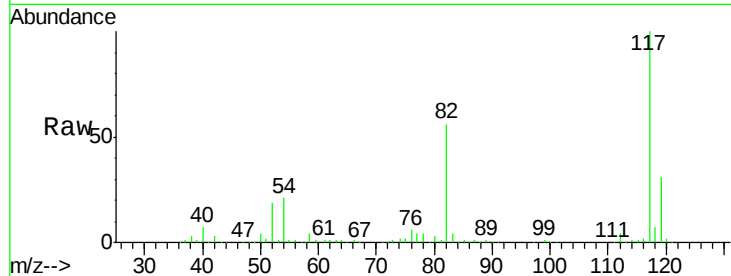
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.5	68.3
119	31.2	25.8	38.6

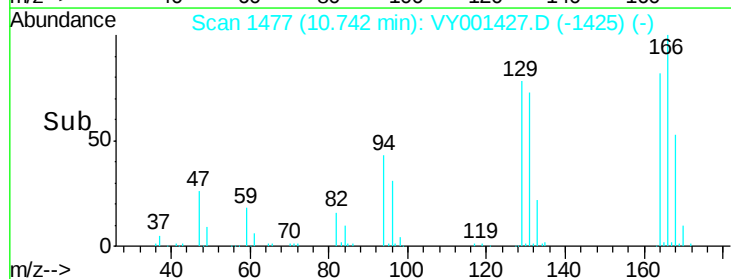
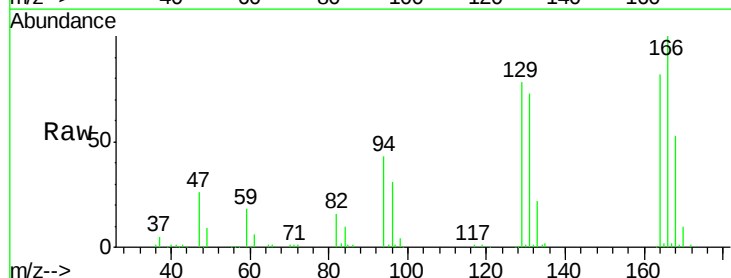
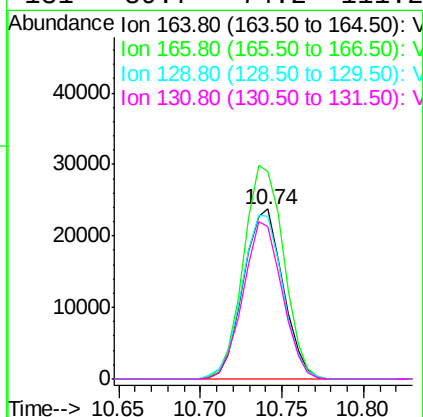
Manual Integrations
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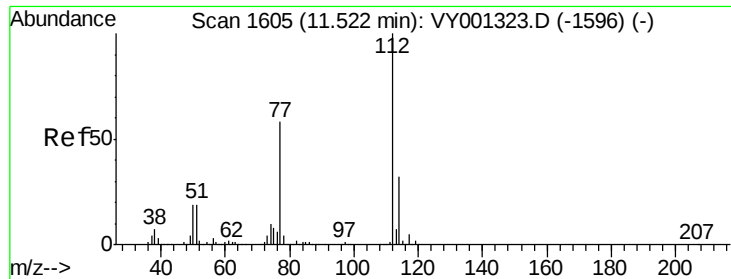
MMDadoda
1/31/2020 4:26:20 PM



#64
Tetrachloroethene
Concen: 21.868 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.02 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	101.8	152.8
129	95.6	77.1	115.7
131	89.7	74.2	111.2





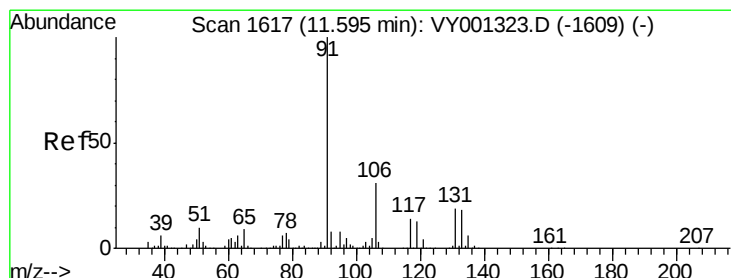
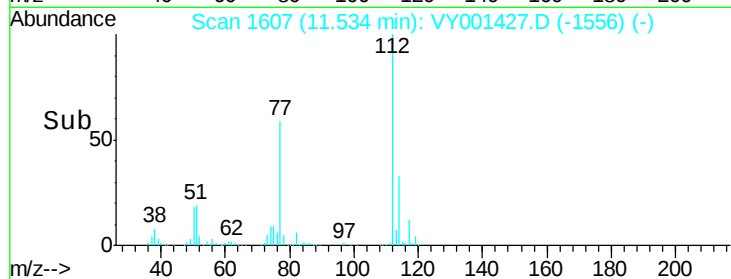
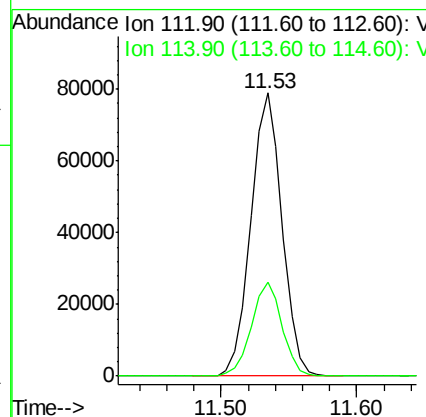
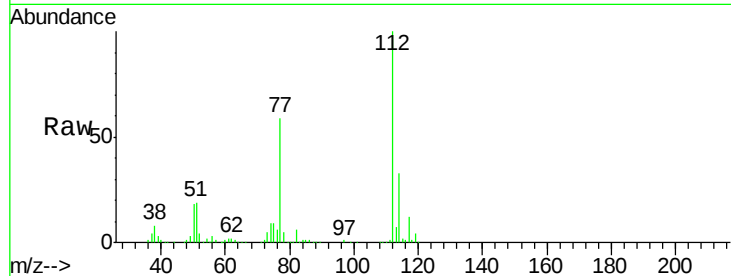
#65
Chlorobenzene
Concen: 20.740 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.8	38.6

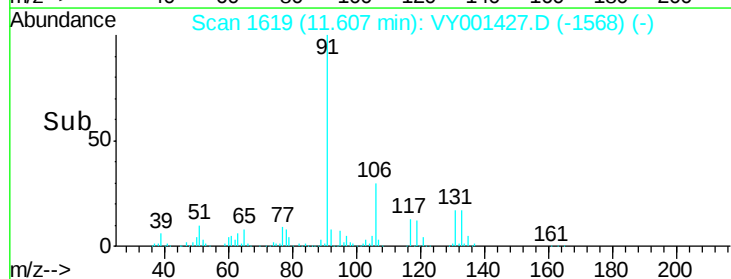
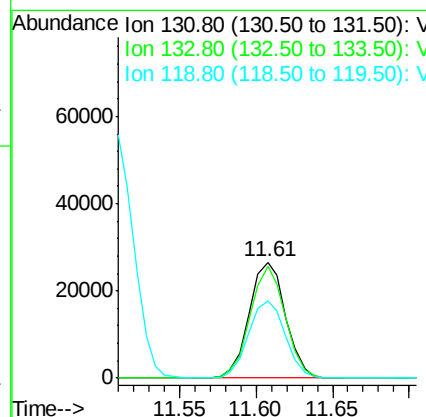
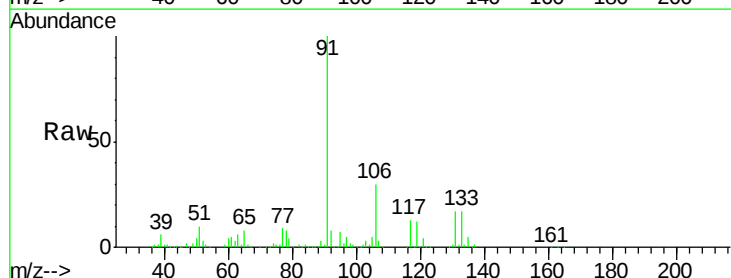
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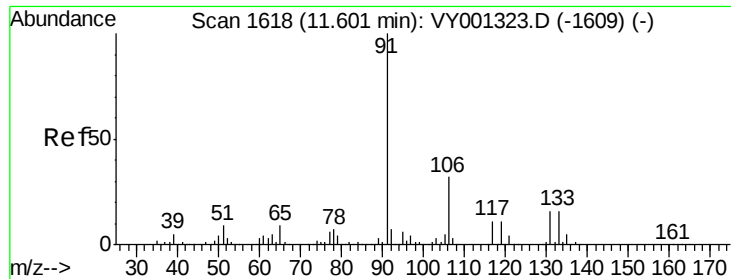
MMDadoda
1/31/2020 4:26:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.072 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.1	141.3
119	68.0	34.1	102.2





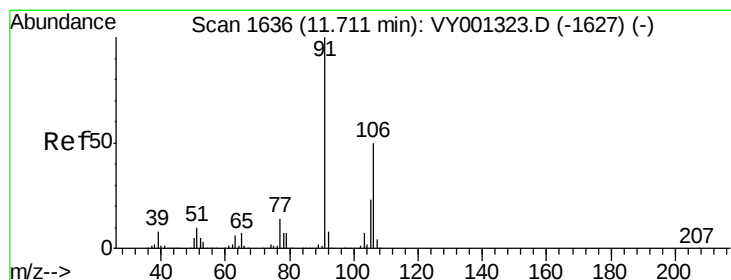
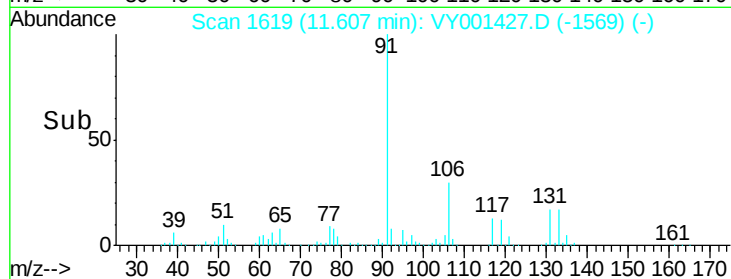
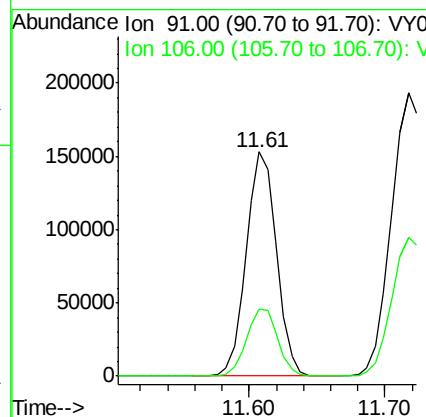
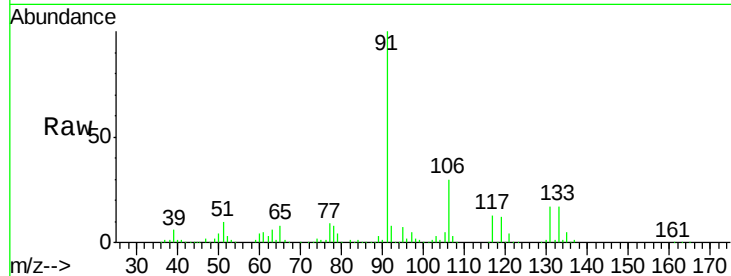
#67
Ethyl Benzene
Concen: 21.270 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion: 91 Resp: 238289
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.0

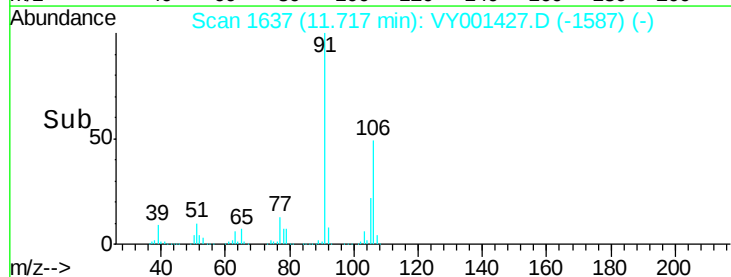
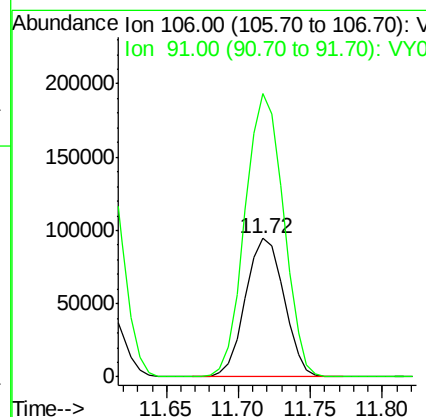
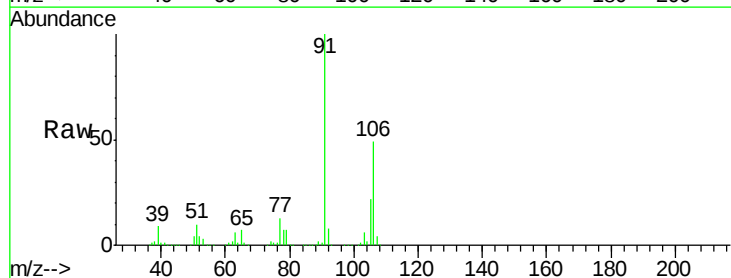
Manual Integrations
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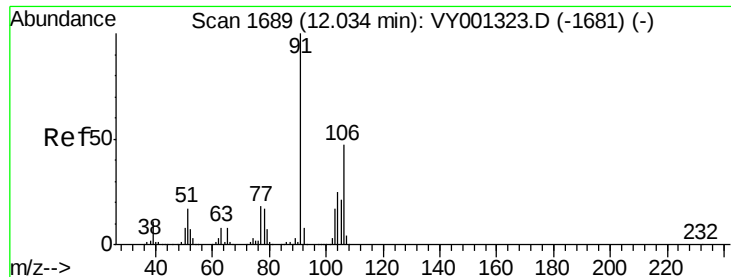
MMDadoda
1/31/2020 4:26:20 PM



#68
m/p-Xylenes
Concen: 41.911 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion: 106 Resp: 175366
Ion Ratio Lower Upper
106 100
91 204.4 162.8 244.2





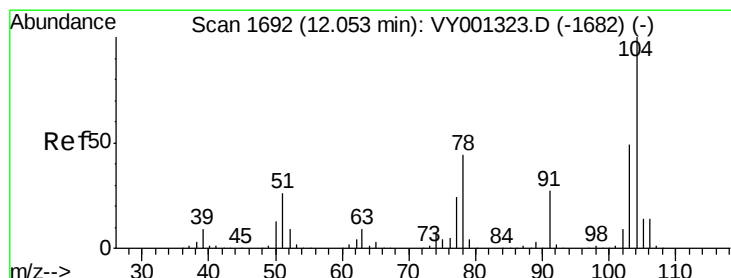
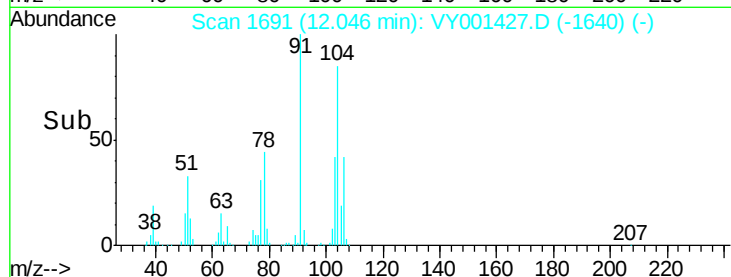
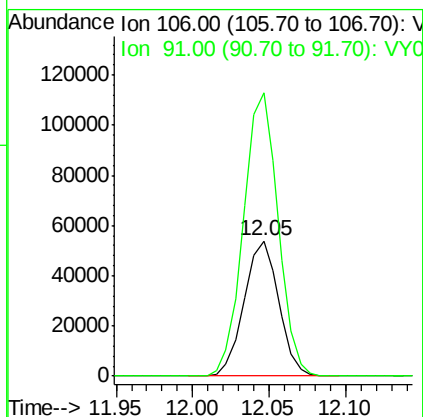
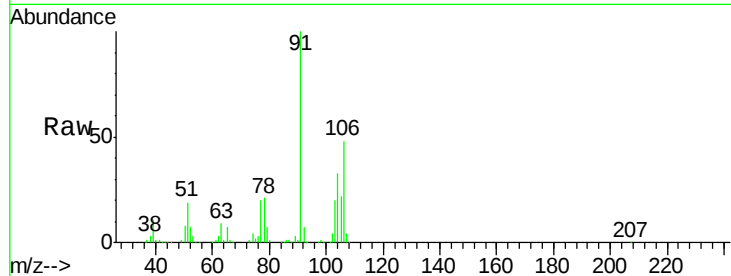
#69
o-Xylene
Concen: 21.073 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion:106 Resp: 84824
Ion Ratio Lower Upper
106 100
91 209.3 106.3 319.0

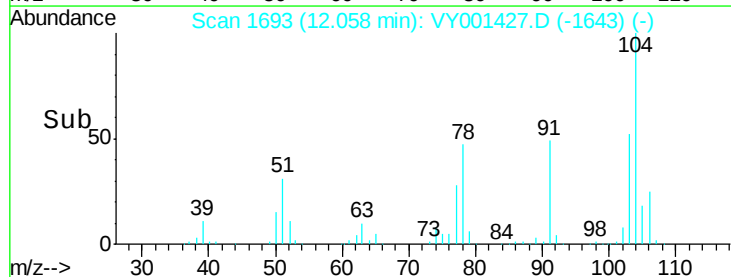
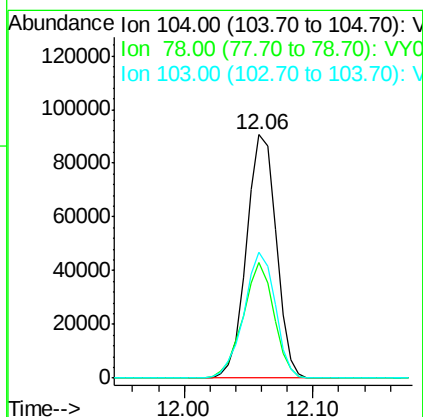
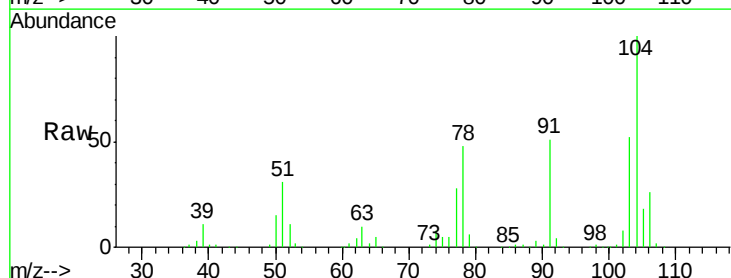
Manual Integrations
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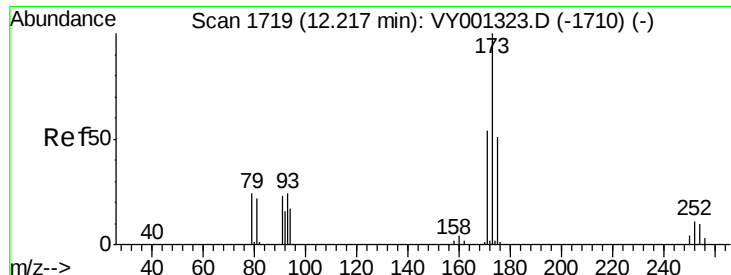
MMDadoda
1/31/2020 4:26:20 PM



#70
Styrene
Concen: 20.404 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion:104 Resp: 144100
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 54.3 43.2 64.8





#71

Bromoform

Concen: 20.238 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion:173 Resp: 25063

Ion Ratio Lower Upper

173 100

175 47.7 24.3 72.9

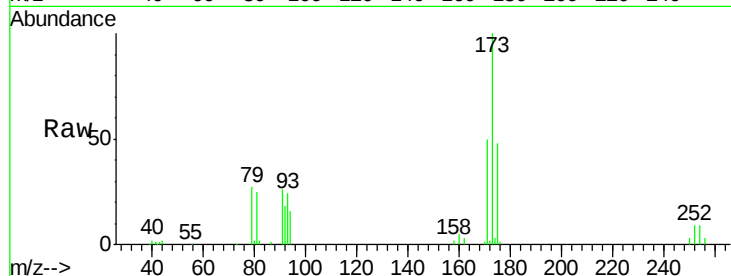
254 0.0 0.0 0.0

Manual Integrations

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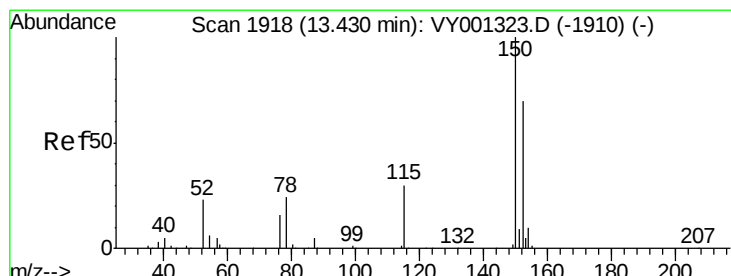
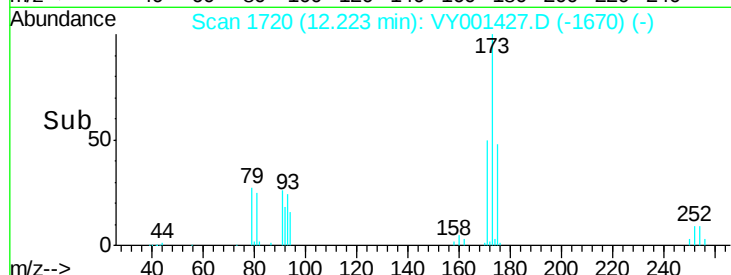
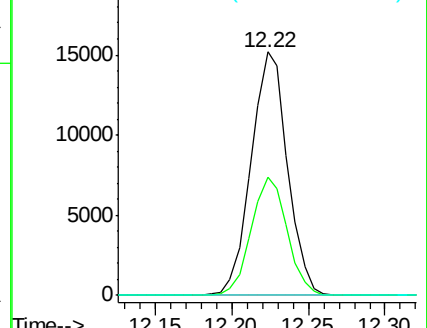
1/31/2020 4:26:20 PM



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: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

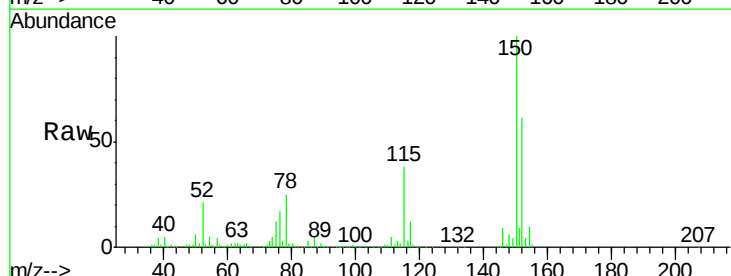
Tgt Ion:152 Resp: 137924

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.8

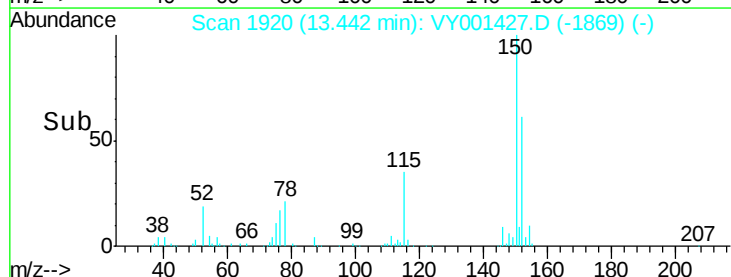
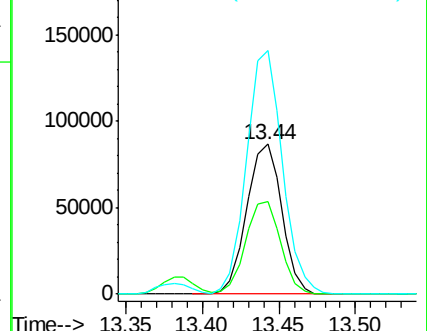
150 166.3 0.0 349.2

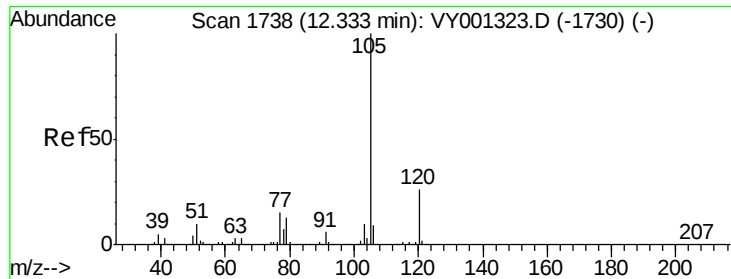


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





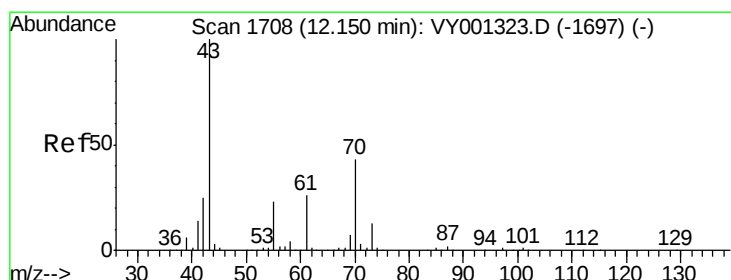
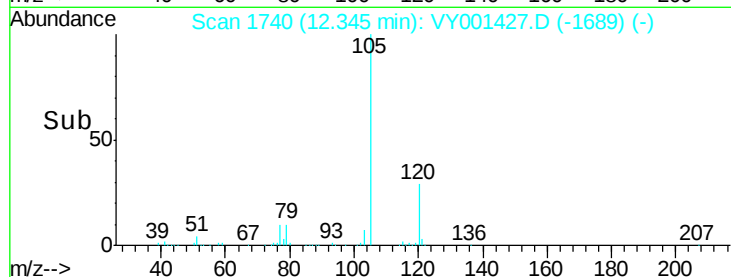
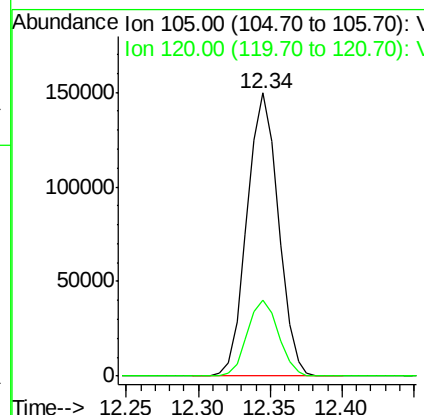
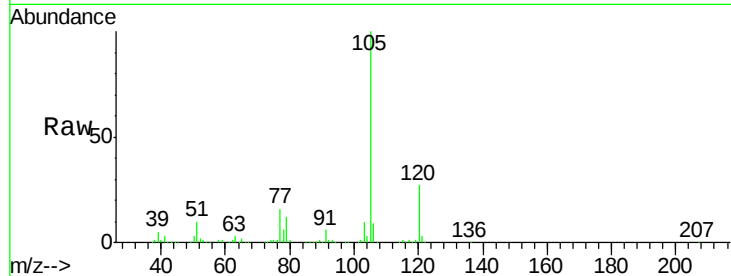
#73
Isopropylbenzene
Concen: 20.717 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4

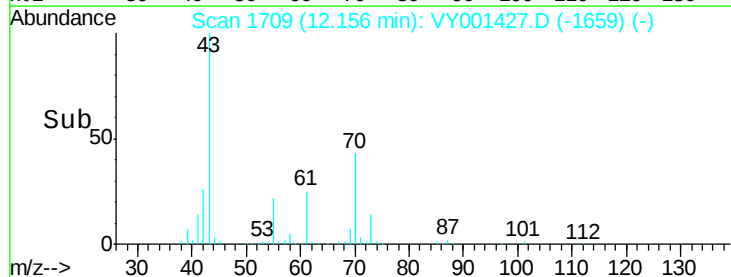
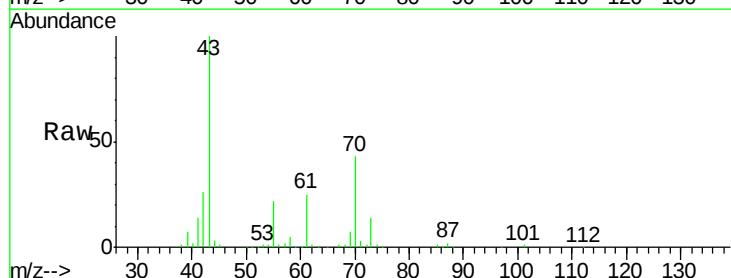
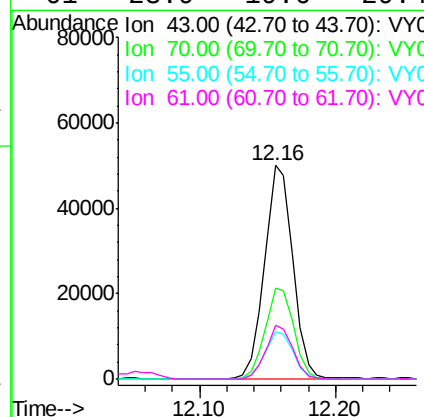
Manual Integrations
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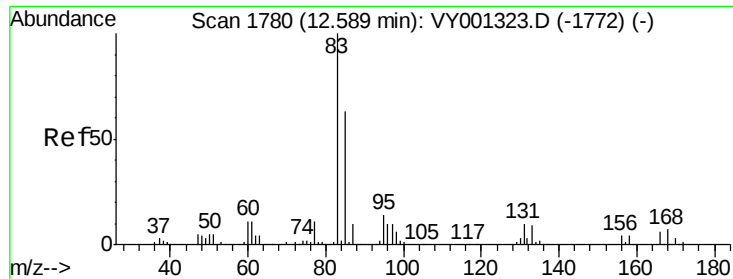
MMDadoda
1/31/2020 4:26:20 PM



#74
N-ethyl acetate
Concen: 20.577 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	33.5	50.3
55	22.5	18.2	27.2
61	23.9	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.996 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

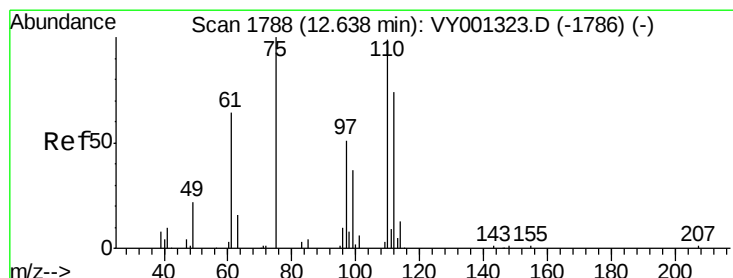
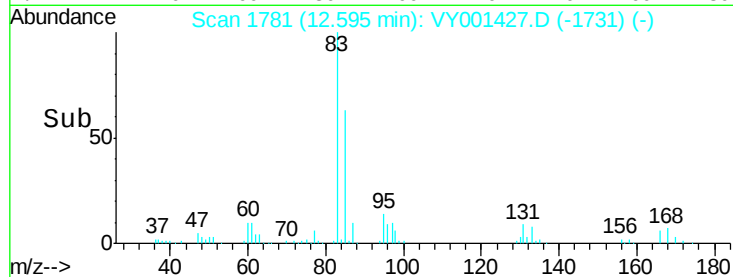
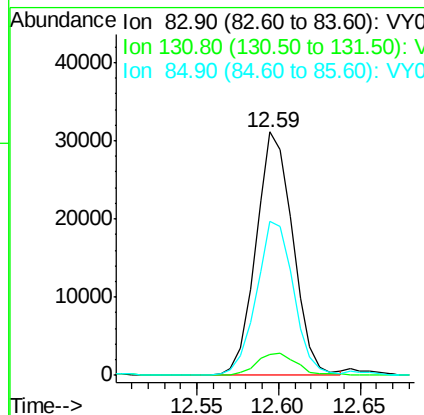
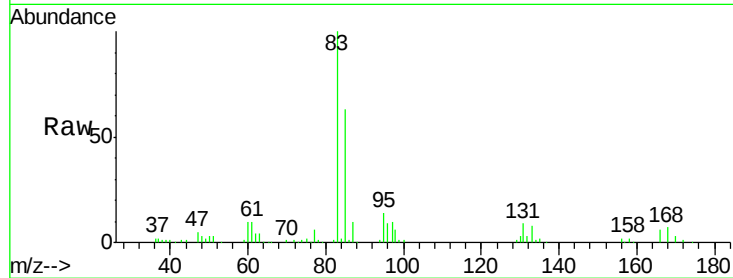
ClientSampleId :

VY0130SBS01

Tot Ion:	83	Resp:	48937
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.6
85	63.9	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 19.383 ug/l m

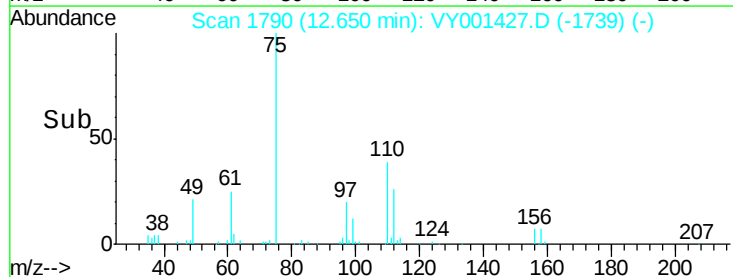
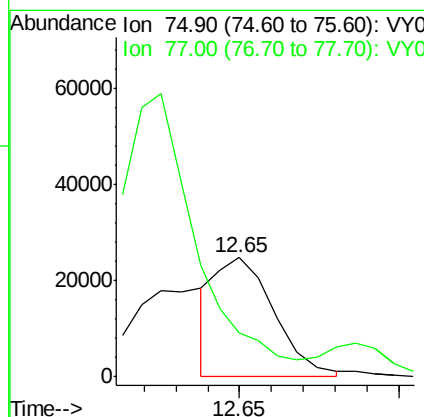
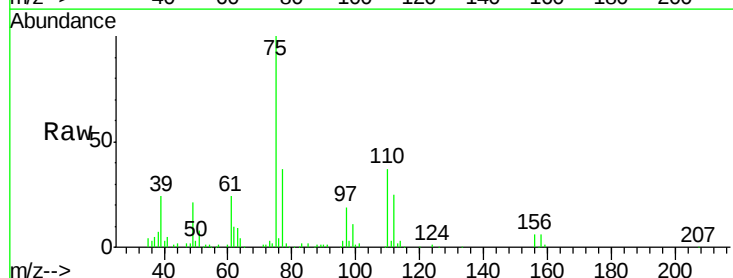
RT: 12.65 min Scan# 1790

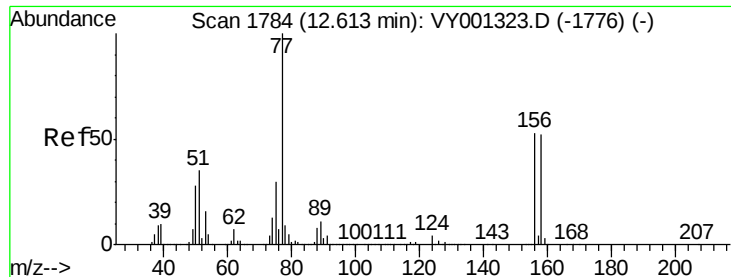
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	75	Resp:	32215
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.246 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

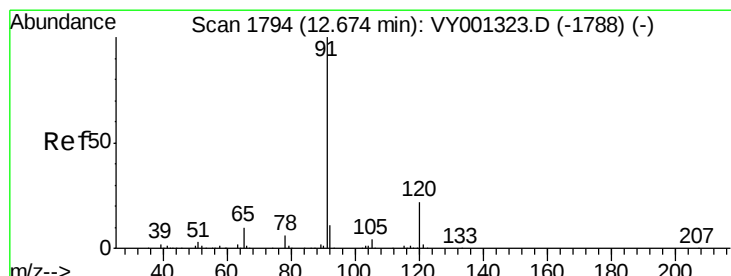
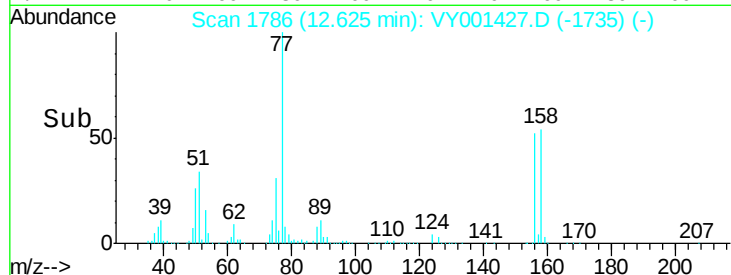
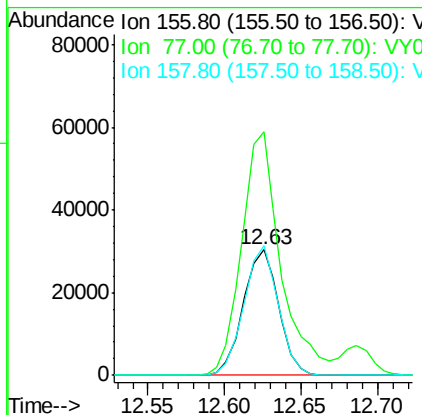
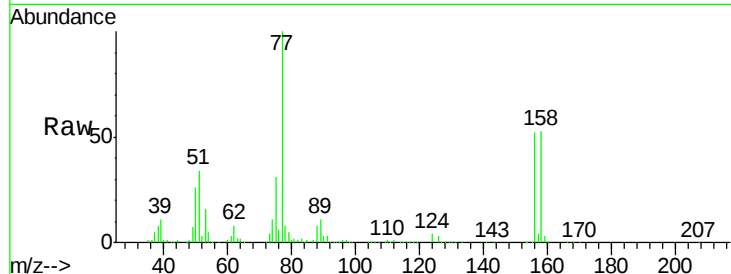
ClientSampleId :

VY0130SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	214.3	104.7	313.9
158	99.9	48.6	145.8

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#78

n-propylbenzene

Concen: 20.924 ug/l

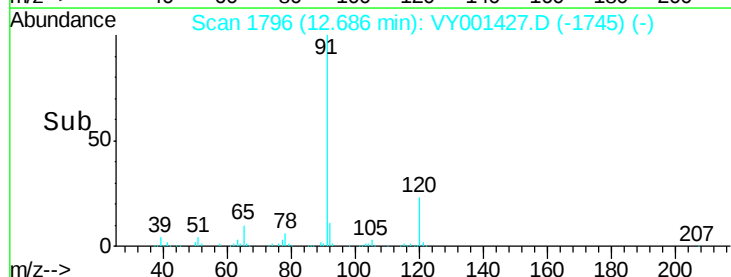
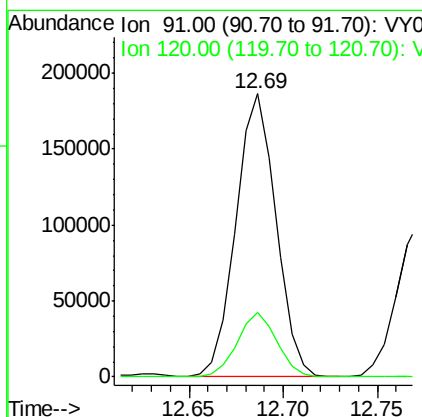
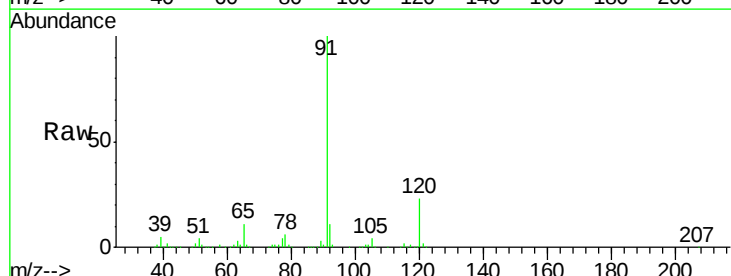
RT: 12.69 min Scan# 1796

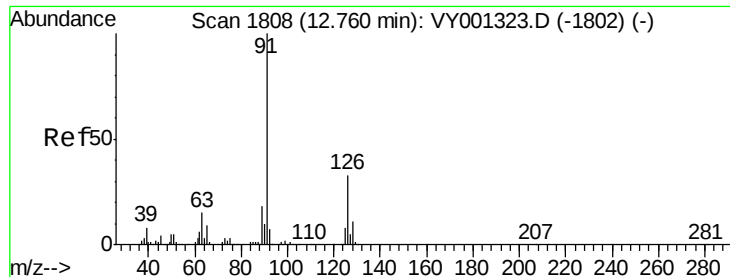
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.3	33.8





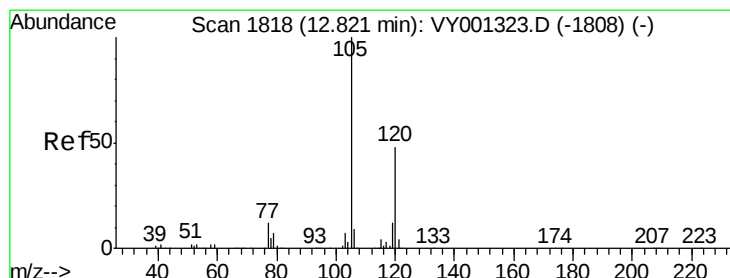
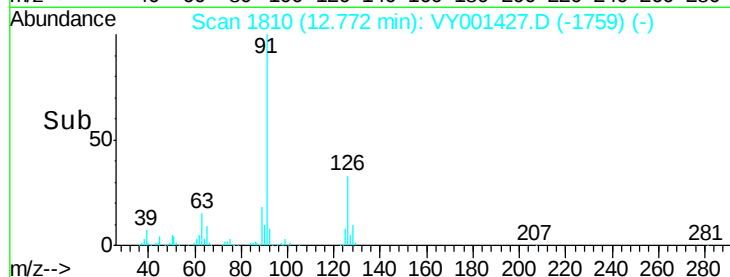
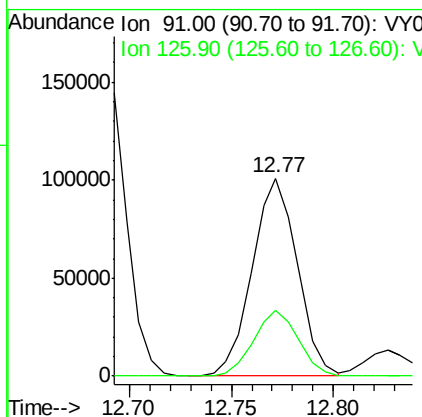
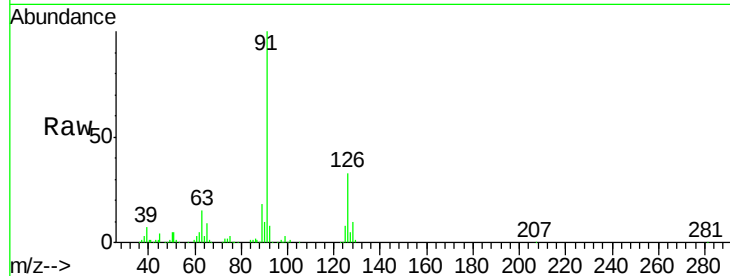
#79
 2-Chlorotoluene
 Concen: 20.751 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion: 91 Resp: 155293
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.7

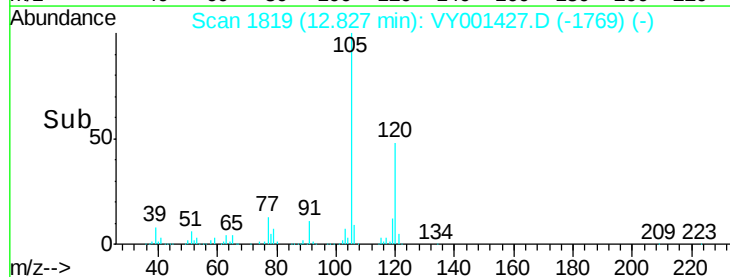
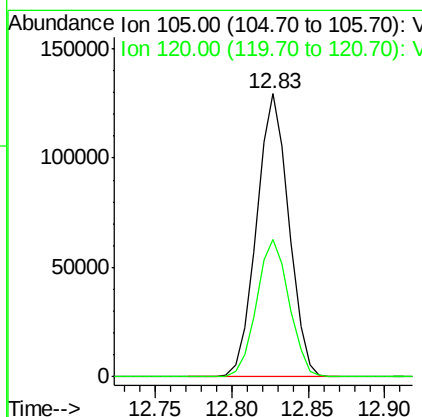
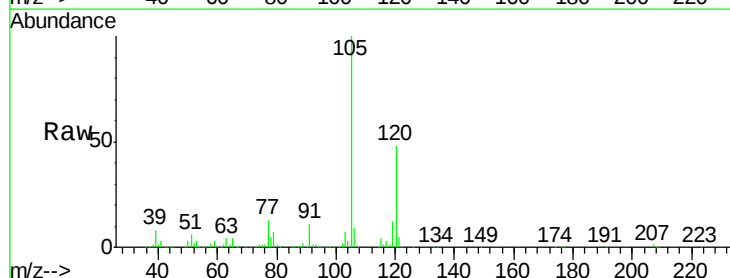
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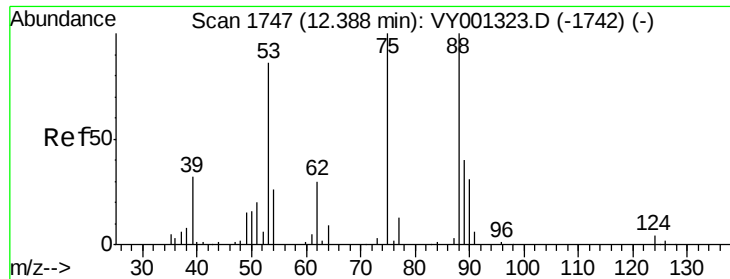
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.906 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion: 105 Resp: 189926
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.9





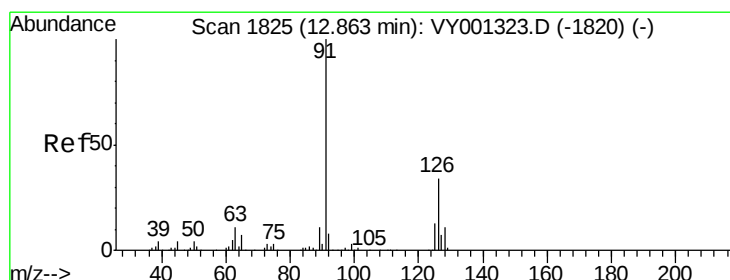
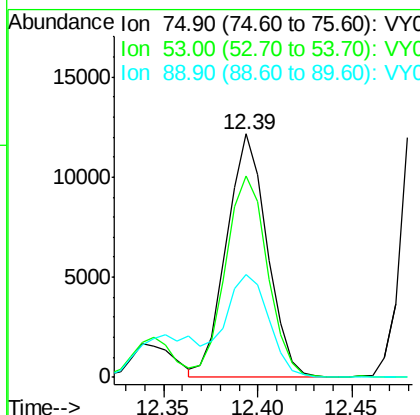
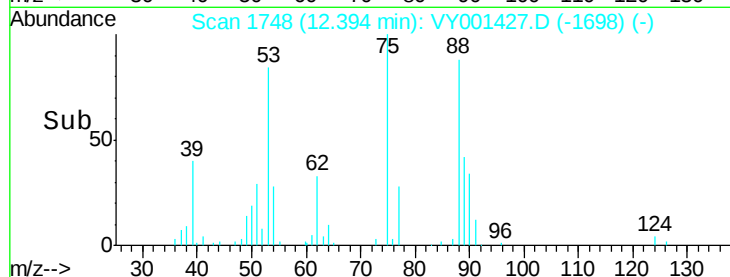
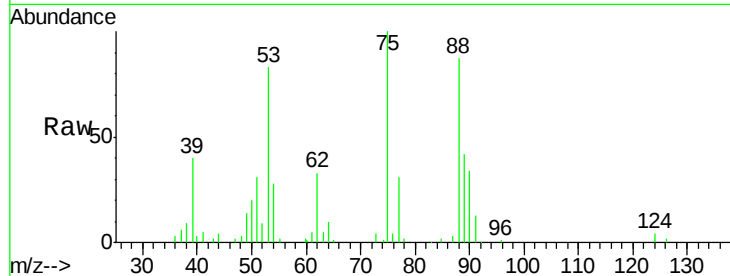
#81
trans-1,4-Dichloro-2-butene
Concen: 20.703 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.7	69.9	104.9
89	46.3	36.6	54.8

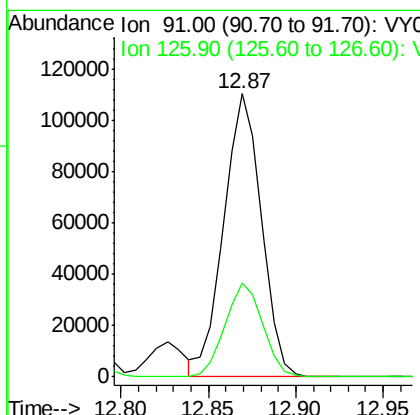
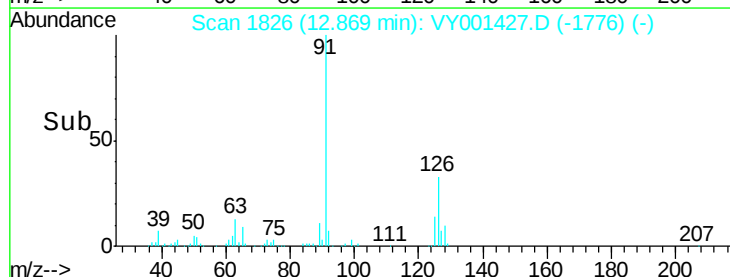
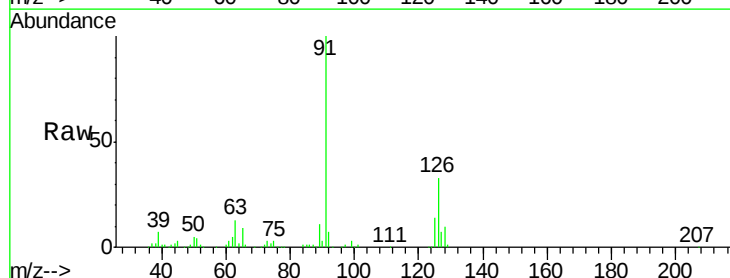
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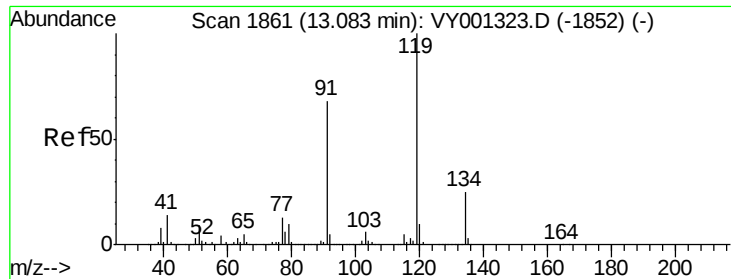
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#82
4-Chlorotoluene
Concen: 20.650 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4





#83

tert-Butylbenzene

Concen: 20.656 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

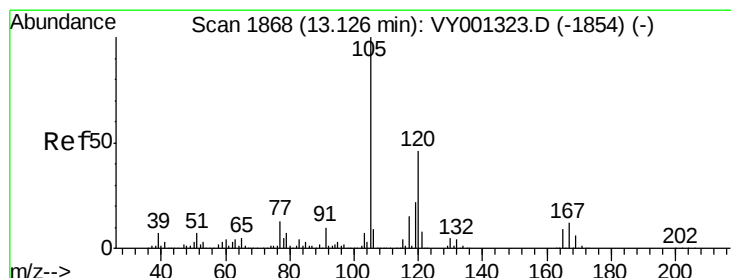
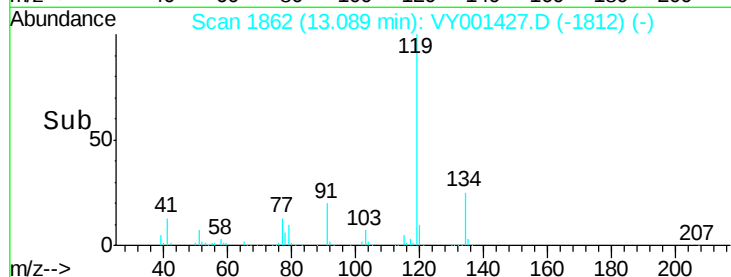
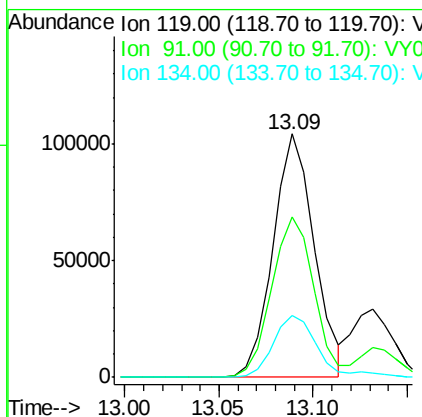
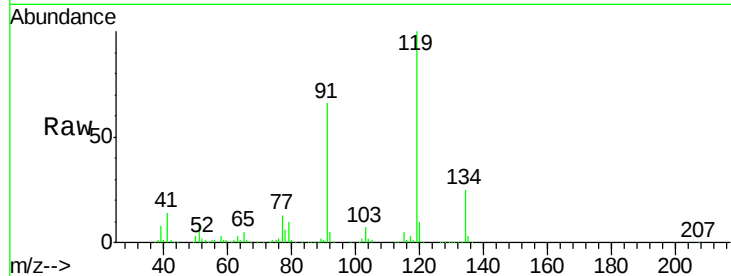
ClientSampleId :

VY0130SBS01

Tot Ion:	119	Resp:	158173
Ion Ratio	Lower	Upper	
119	100		
91	68.0	33.0	99.0
134	27.3	13.3	39.9

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#84

1,2,4-Trimethylbenzene

Concen: 20.527 ug/l

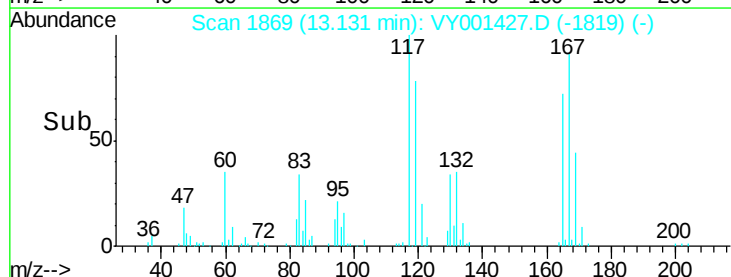
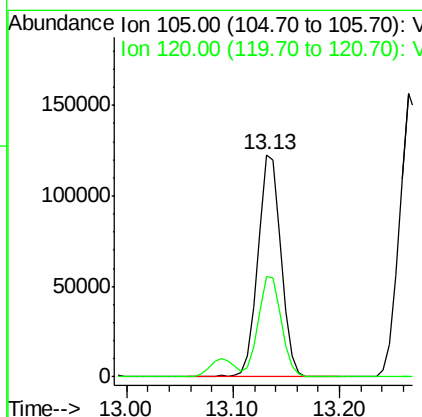
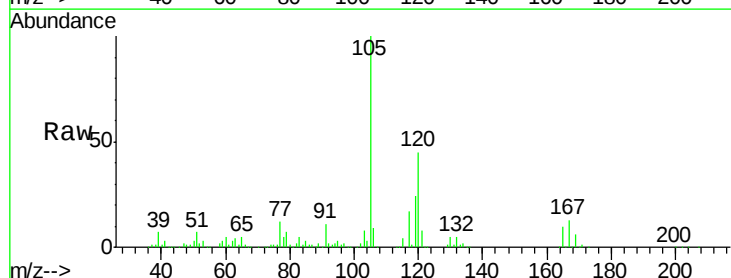
RT: 13.13 min Scan# 1869

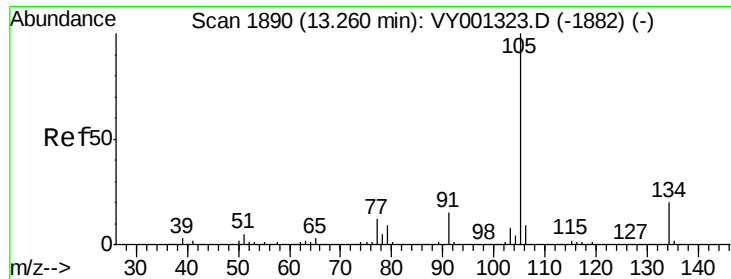
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	105	Resp:	187224
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.4	67.3





#85

sec-Butylbenzene

Concen: 21.650 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBS01

Tot Ion:105 Resp: 235554

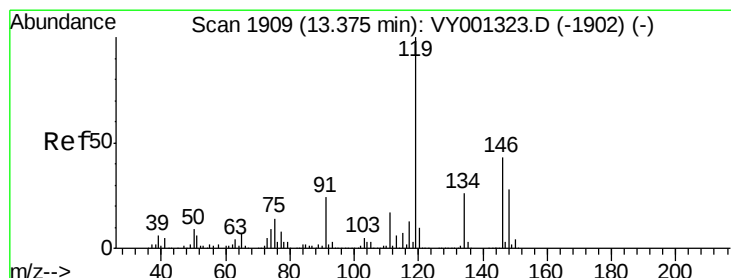
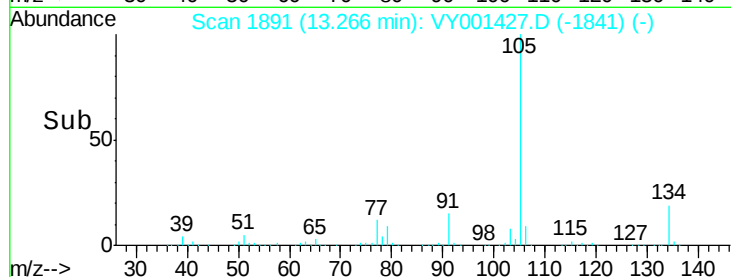
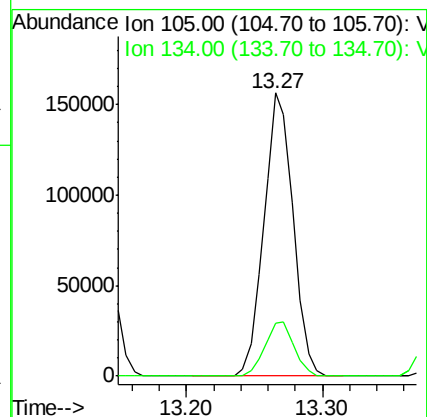
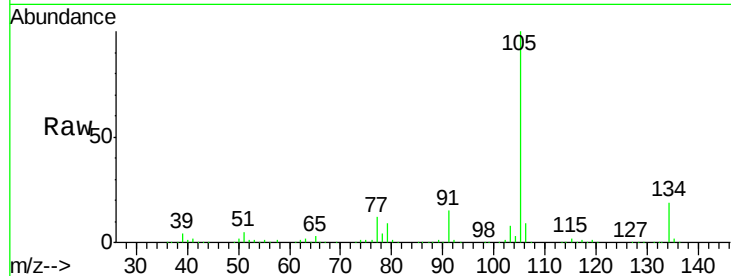
Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 21.297 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

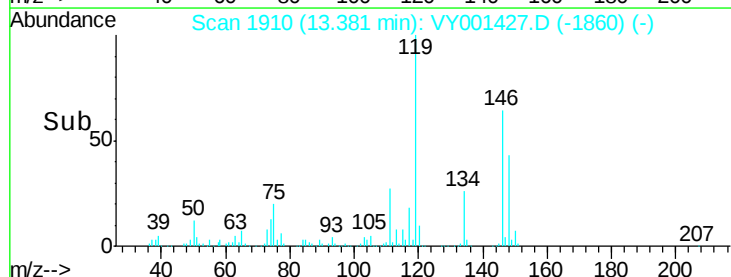
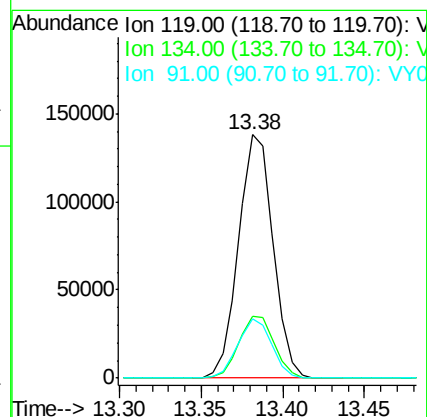
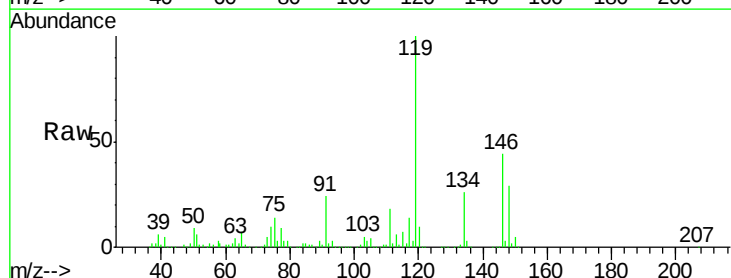
Tgt Ion:119 Resp: 204188

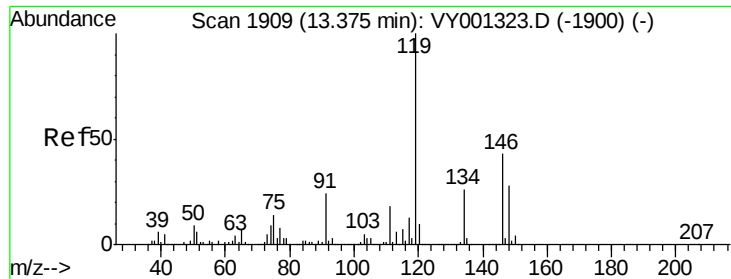
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 24.1 12.2 36.6





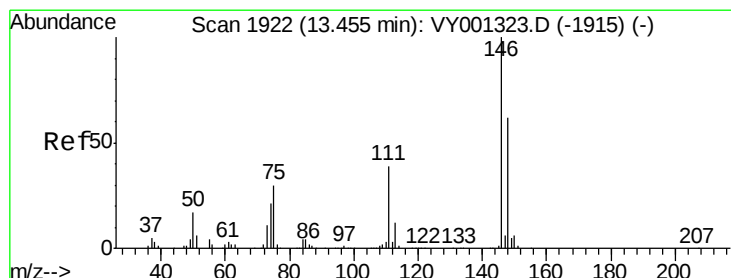
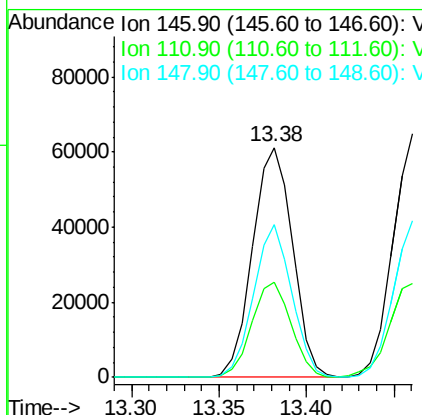
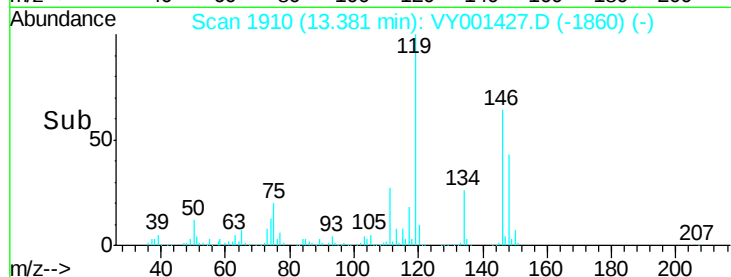
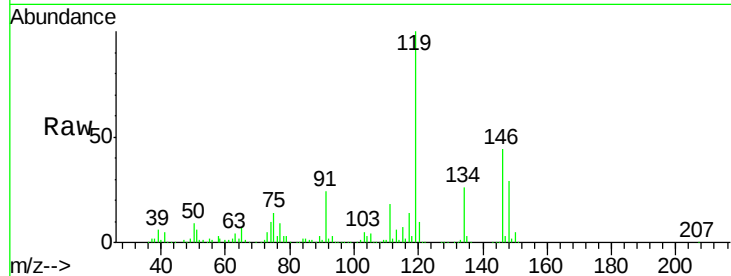
#87
 1,3-Dichlorobenzene
 Concen: 20.969 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	63.2	31.6	95.0

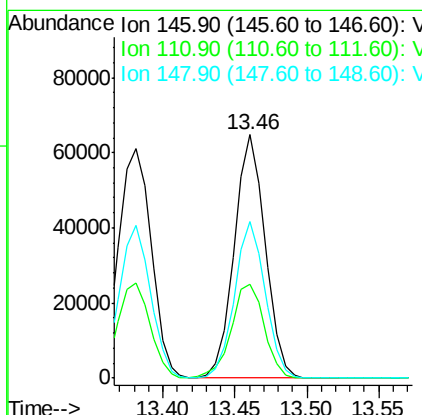
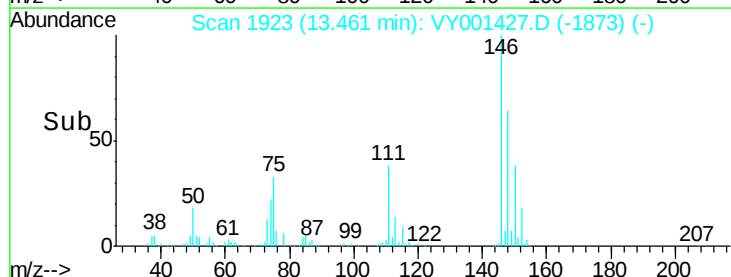
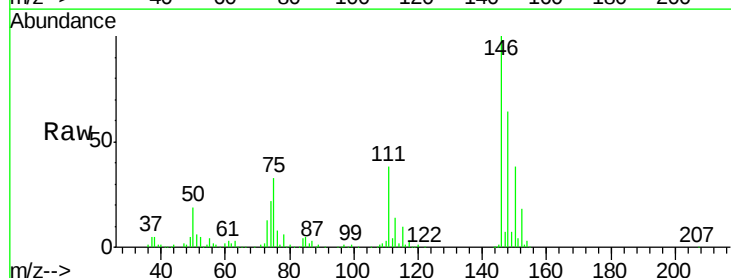
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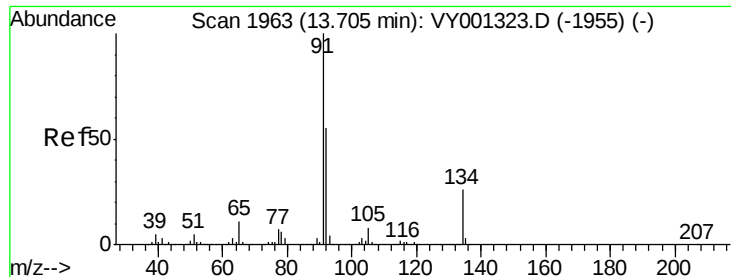
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#88
 1,4-Dichlorobenzene
 Concen: 20.582 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	63.9	31.6	95.0





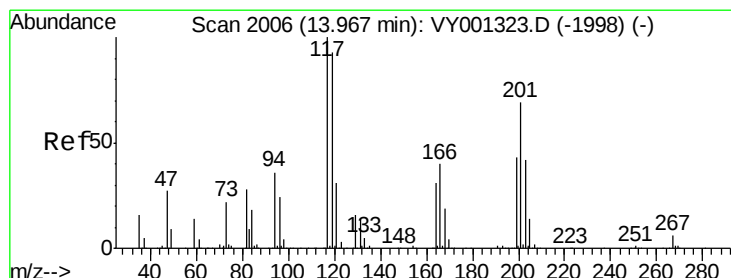
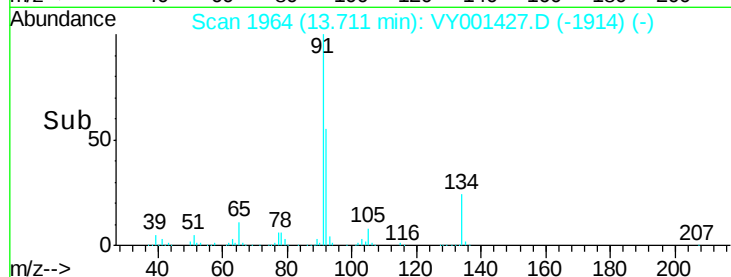
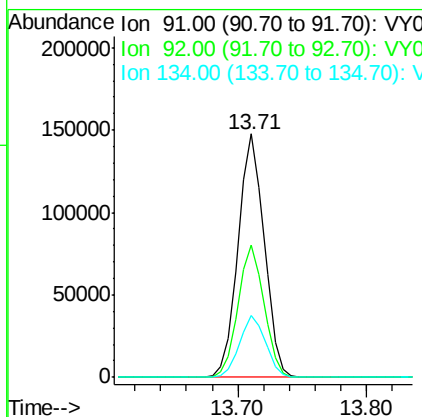
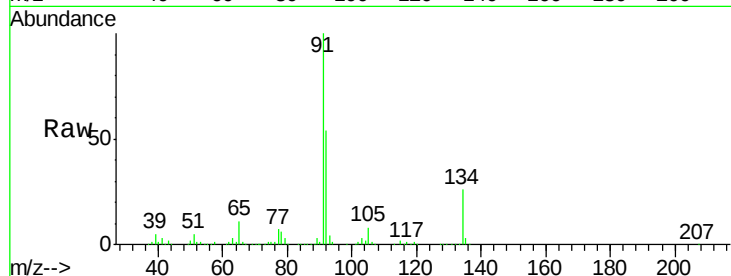
#89
n-Butylbenzene
Concen: 21.510 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	207558		
92	54.2		27.6	82.8
134	25.3		12.9	38.6

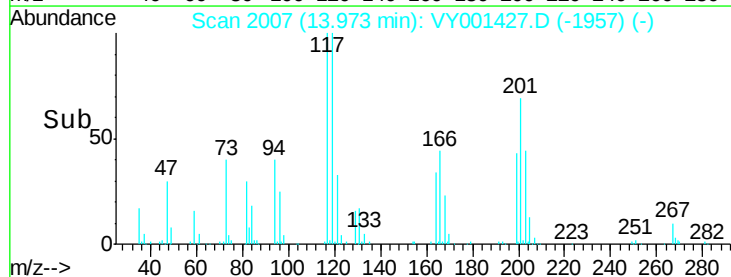
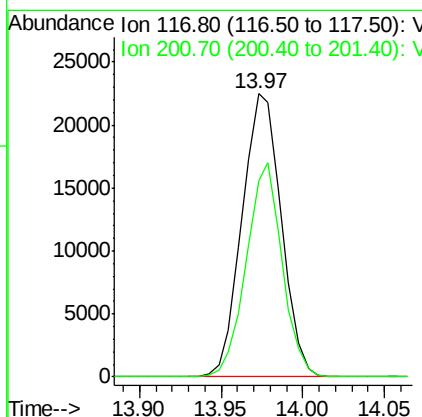
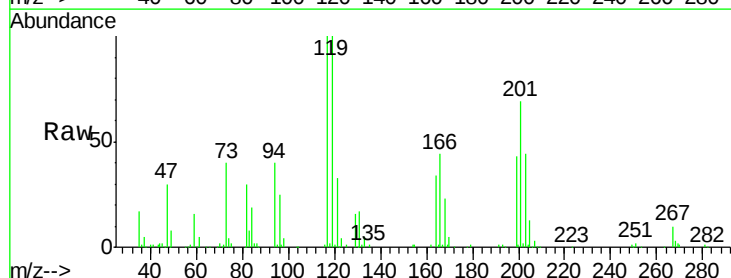
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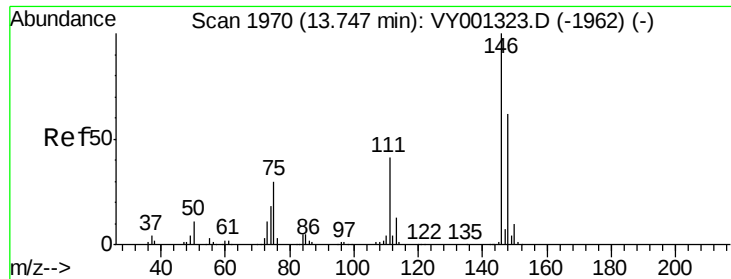
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#90
Hexachloroethane
Concen: 20.683 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37588		
201	68.8		34.6	103.8





#91

1,2-Dichlorobenzene

Concen: 20.552 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Instrument :

MSVOA_Y

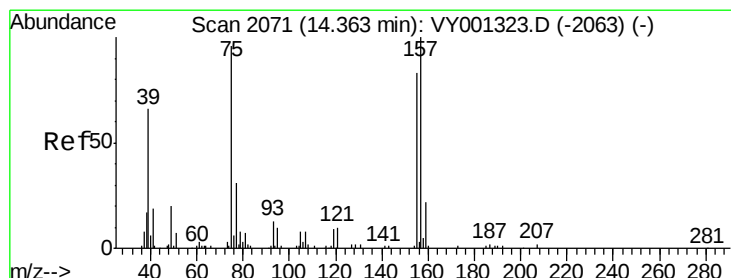
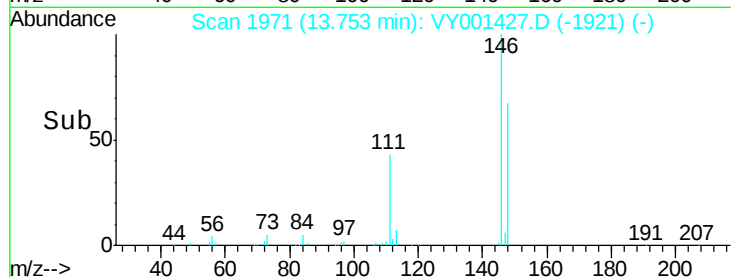
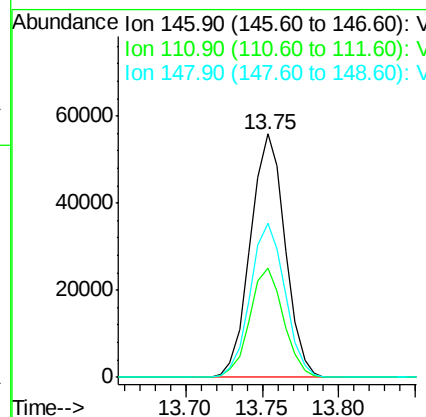
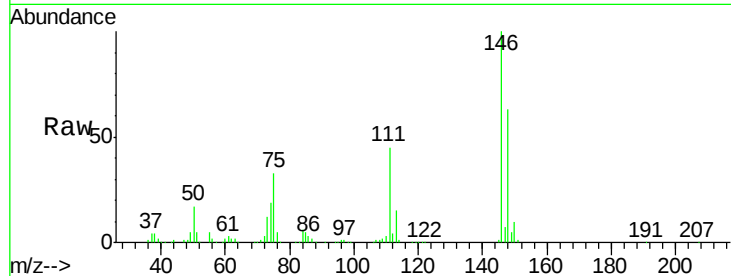
ClientSampleId :

VY0130SBS01

Tot Ion:	146	Resp:	87995
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.1	63.4
148	63.4	31.5	94.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.823 ug/l

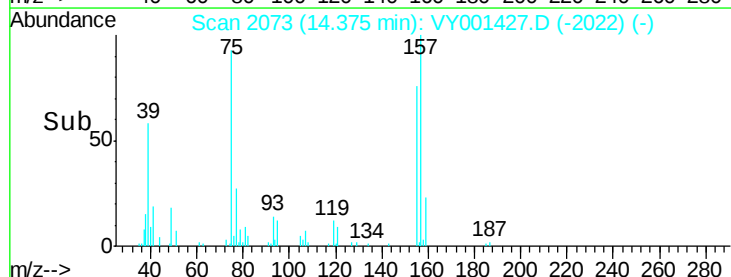
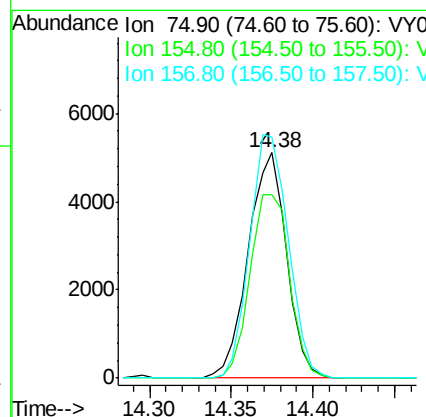
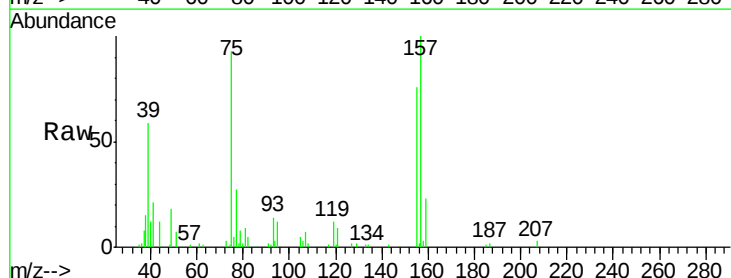
RT: 14.38 min Scan# 2073

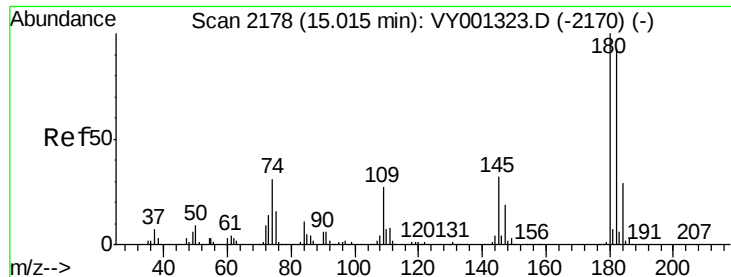
Delta R.T. 0.01 min

Lab File: VY001427.D

Acq: 30 Jan 2020 14:09

Tgt Ion:	75	Resp:	8375
Ion Ratio	Lower	Upper	
75	100		
155	84.0	43.0	129.2
157	108.5	53.3	160.0





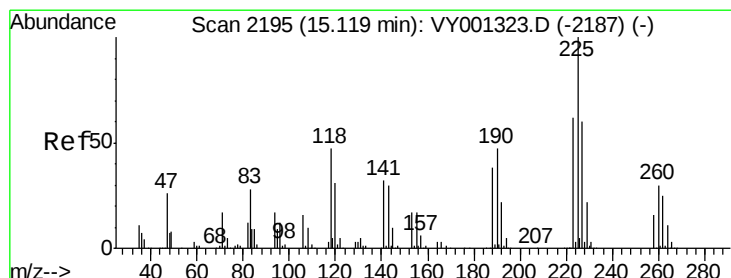
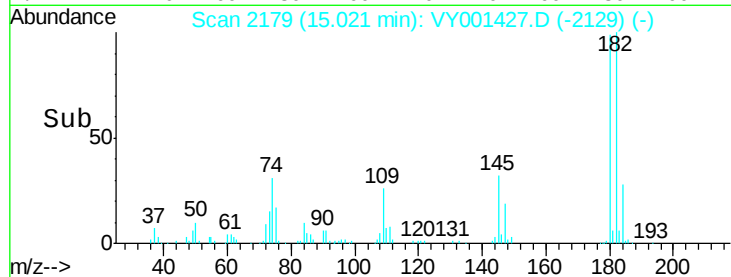
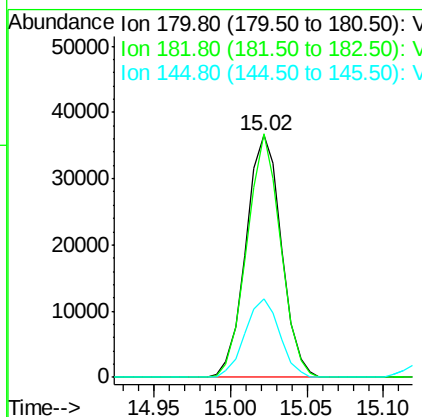
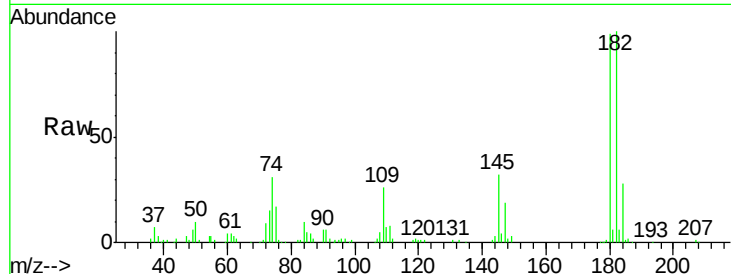
#93
 1,2,4-Trichlorobenzene
 Concen: 20.410 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58651		
182	95.7	47.6	142.8	
145	32.2	16.3	48.9	

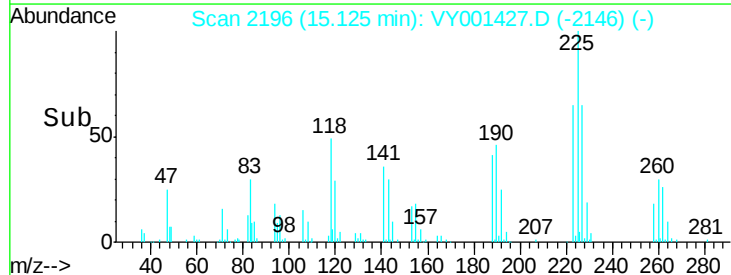
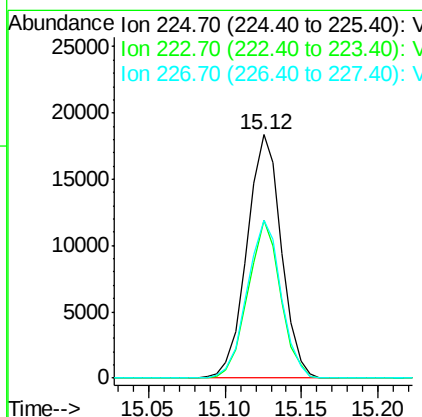
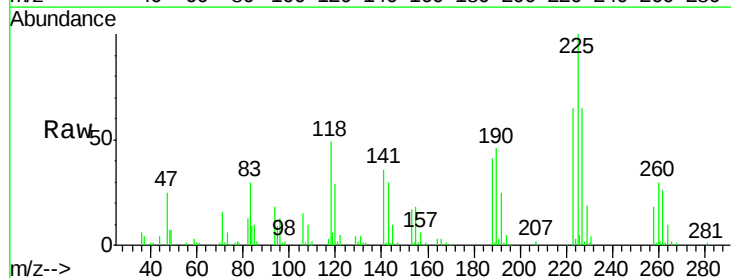
Manual Integrations
 APPROVED

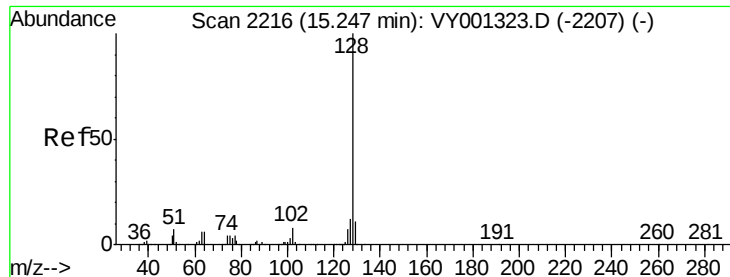
MMDadoda
 1/31/2020 4:26:20 PM



#94
 Hexachlorobutadiene
 Concen: 20.475 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001427.D
 Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28648		
223	61.6	31.2	93.6	
227	64.2	31.0	93.0	





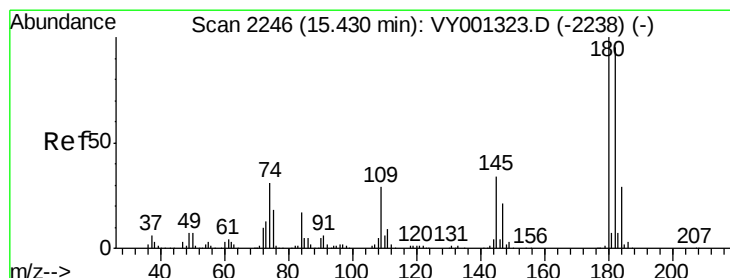
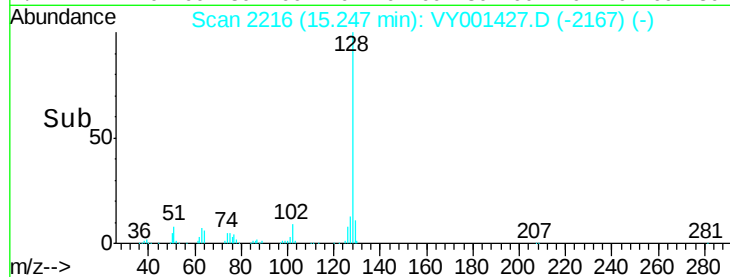
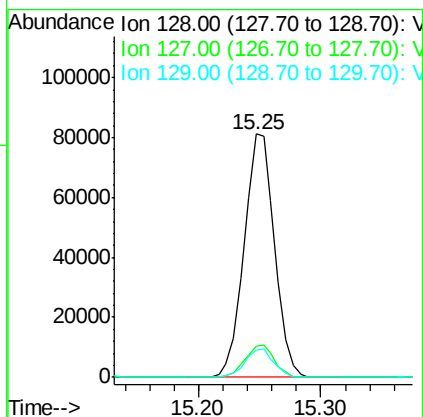
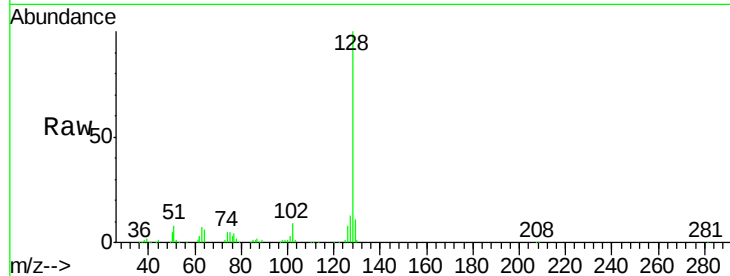
#95
Naphthalene
Concen: 21.249 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/31/2020 4:26:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.312 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001427.D
Acq: 30 Jan 2020 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	141.8
145	34.2	16.8	50.3

