

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001828.D
 Acq On : 03 Mar 2020 12:47
 Operator : SY/MD
 Sample : VY0303SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 2:02:01 PM

Quant Time: Mar 04 04:07:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	177627	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	319570	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	286953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	138128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	94560	49.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.73	113	86365	47.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.19	98	353572	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.49	95	128400	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	30317	17.509	ug/l	95
3) Chloromethane	2.12	50	40386	17.341	ug/l	99
4) Vinyl Chloride	2.26	62	41399	17.624	ug/l	98
5) Bromomethane	2.65	94	27427	18.682	ug/l	97
6) Chloroethane	2.80	64	27589	19.060	ug/l	99
7) Trichlorofluoromethane	3.13	101	62519	20.796	ug/l	99
8) Diethyl Ether	3.53	74	24269	20.477	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	38637	20.447	ug/l	99
10) Methyl Iodide	4.10	142	41796	18.073	ug/l	99
11) Tert butyl alcohol	4.96	59	27602	110.578	ug/l	97
12) 1,1-Dichloroethene	3.88	96	37322	19.365	ug/l	96
13) Acrolein	3.74	56	15862	82.202	ug/l	99
14) Allyl chloride	4.49	41	69532	20.272	ug/l	98
15) Acrylonitrile	5.18	53	66304	109.144	ug/l	99
16) Acetone	3.96	43	61285	92.701	ug/l	99
17) Carbon Disulfide	4.20	76	113077	17.574	ug/l	99
18) Methyl Acetate	4.49	43	34694	24.098	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	112042	20.880	ug/l	96
20) Methylene Chloride	4.73	84	63976	27.244	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	43483	19.775	ug/l	96
22) Diisopropyl ether	6.13	45	147307	20.913	ug/l	95
23) Vinyl Acetate	6.07	43	463046	100.778	ug/l	98
24) 1,1-Dichloroethane	6.03	63	77485	20.581	ug/l	98
25) 2-Butanone	7.00	43	91922	102.354	ug/l	97
26) 2,2-Dichloropropane	6.99	77	64202	19.601	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	48628	20.035	ug/l	99
28) Bromochloromethane	7.35	49	31464	20.063	ug/l	97
29) Tetrahydrofuran	7.36	42	58344	107.484	ug/l	98
30) Chloroform	7.52	83	72613	19.739	ug/l	98
31) Cyclohexane	7.80	56	77762	19.372	ug/l	89
32) 1,1,1-Trichloroethane	7.72	97	61099	19.762	ug/l	98
36) 1,1-Dichloropropene	7.93	75	60886	19.946	ug/l	99
37) Ethyl Acetate	7.09	43	37748	20.719	ug/l	99
38) Carbon Tetrachloride	7.91	117	52447	19.561	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	78460	19.374	ug/l	99
40) Benzene	8.17	78	181834	20.254	ug/l	97
41) Methacrylonitrile	7.33	41	20336m	22.230	ug/l	
42) 1,2-Dichloroethane	8.25	62	49086	20.070	ug/l	100
43) Isopropyl Acetate	8.28	43	72853	21.075	ug/l	99
44) Trichloroethene	8.94	130	43857	19.569	ug/l	95
45) 1,2-Dichloropropane	9.22	63	46978	20.894	ug/l	98
46) Dibromomethane	9.32	93	24184	20.565	ug/l	99
47) Bromodichloromethane	9.50	83	56085	19.761	ug/l	99
48) Methyl methacrylate	9.30	41	31578	20.199	ug/l	98
49) 1,4-Dioxane	9.31	88	6477	389.960	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	189209	106.533	ug/l	99
52) Toluene	10.25	92	111202	19.858	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	61801	19.697	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	73095	20.241	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	35704	20.590	ug/l	98
56) Ethyl methacrylate	10.52	69	54514	20.956	ug/l	99
57) 1,3-Dichloropropane	10.80	76	63700	20.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	146119	141.026	ug/l	100
59) 2-Hexanone	10.84	43	136691	102.574	ug/l	99
60) Dibromochloromethane	10.99	129	37858	19.803	ug/l	99
61) 1,2-Dibromoethane	11.10	107	33701	20.555	ug/l	98
64) Tetrachloroethene	10.72	164	36755	20.404	ug/l	98
65) Chlorobenzene	11.52	112	116039	20.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	39338	20.355	ug/l	99
67) Ethyl Benzene	11.60	91	213350	20.067	ug/l	97
68) m/p-Xylenes	11.70	106	160787	40.486	ug/l	98
69) o-Xylene	12.03	106	76299	20.209	ug/l	95
70) Styrene	12.05	104	132778	20.235	ug/l	99
71) Bromoform	12.22	173	21914	19.842	ug/l #	96
73) Isopropylbenzene	12.33	105	204885	19.470	ug/l	100
74) N-amyl acetate	12.15	43	67644	20.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	46108	20.521	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	33005m	20.830	ug/l	
77) Bromobenzene	12.61	156	44238	19.393	ug/l	99
78) n-propylbenzene	12.67	91	254868	19.887	ug/l	100
79) 2-Chlorotoluene	12.76	91	141442	19.678	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	172729	19.830	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	16548	19.813	ug/l	95
82) 4-Chlorotoluene	12.86	91	149393	19.706	ug/l	98
83) tert-Butylbenzene	13.08	119	146898	20.164	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	173620	19.993	ug/l	99
85) sec-Butylbenzene	13.26	105	212253	19.809	ug/l	99
86) p-Isopropyltoluene	13.38	119	184044	19.772	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	88244	19.946	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	89391	19.989	ug/l	99
89) n-Butylbenzene	13.70	91	191950	20.181	ug/l	100
90) Hexachloroethane	13.97	117	33595	19.156	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	80883	19.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7418	20.005	ug/l	99

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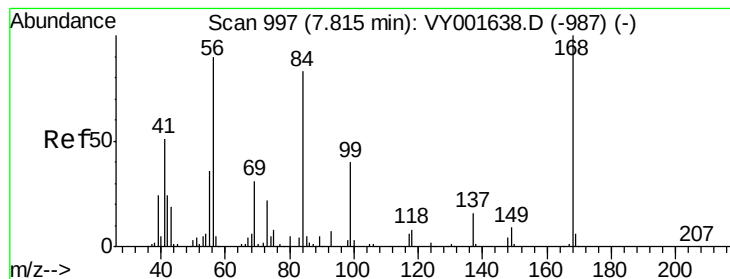
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	53568	19.799	ug/l	99
94) Hexachlorobutadiene	15.12	225	26619	19.783	ug/l	98
95) Naphthalene	15.25	128	128688	20.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	48240	20.267	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion:168 Resp: 177627

Ion Ratio Lower Upper

168 100

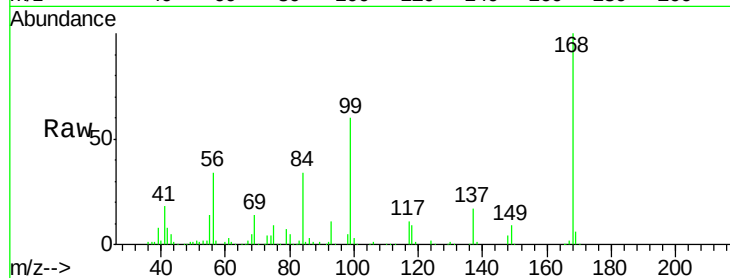
99 60.0 47.5 71.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

80000

60000

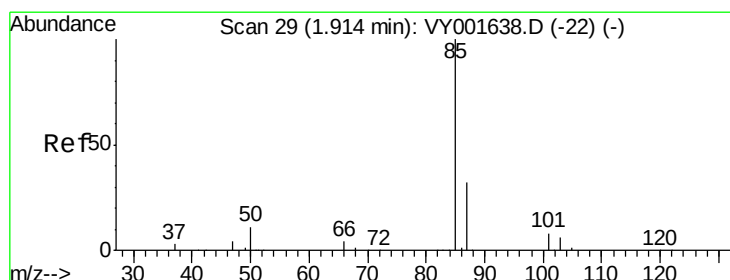
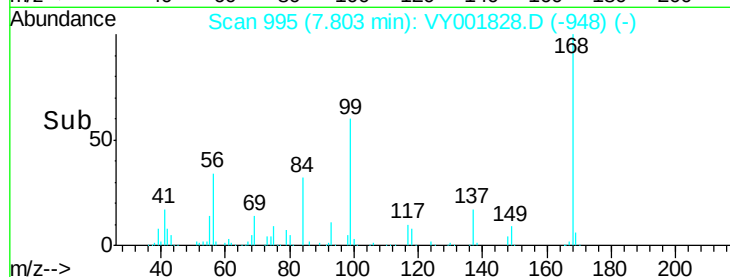
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.509 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001828.D

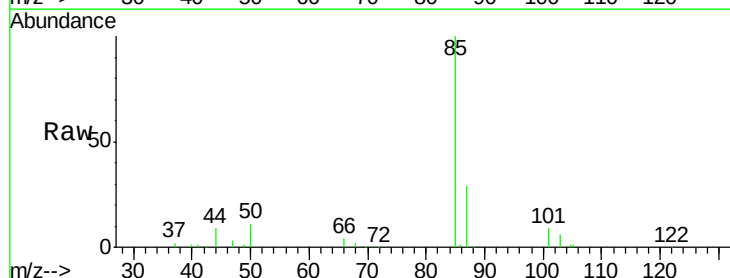
Acq: 03 Mar 2020 12:47

Tgt Ion: 85 Resp: 30317

Ion Ratio Lower Upper

85 100

87 29.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

25000

20000

15000

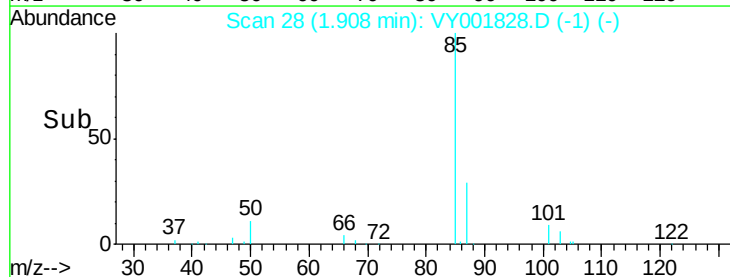
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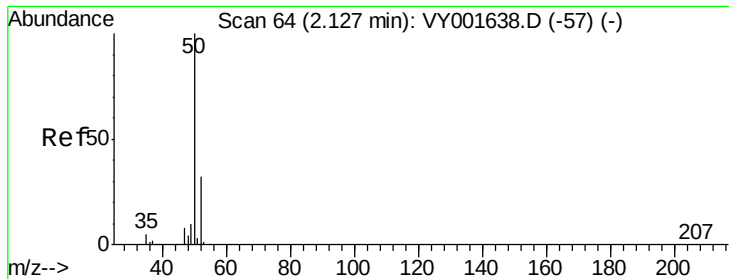
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.341 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 50 Resp: 40386

Ion Ratio Lower Upper

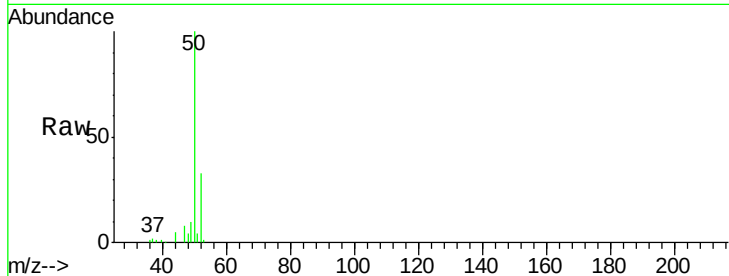
50 100

52 33.0 25.8 38.6

Manual Integrations
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3/4/2020 2:02:01 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

2.12

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2.12

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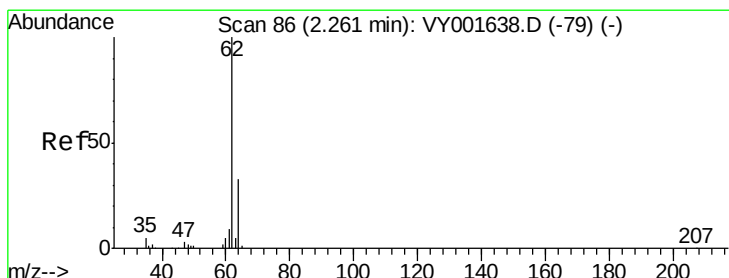
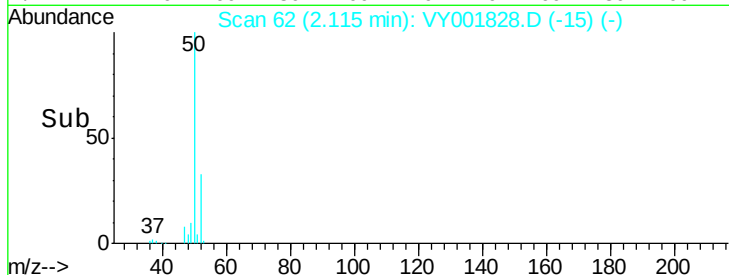
2.12

2.12

2.12

2.12

2.12



#4

Vinyl Chloride

Concen: 17.624 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001828.D

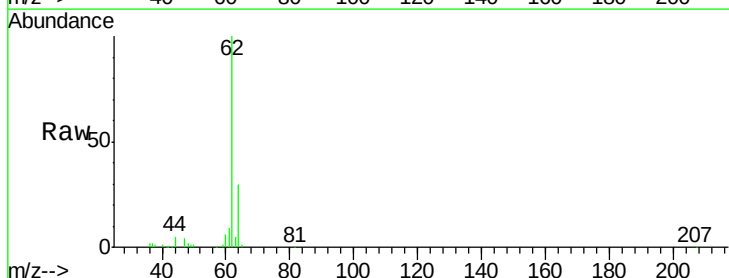
Acq: 03 Mar 2020 12:47

Tgt Ion: 62 Resp: 41399

Ion Ratio Lower Upper

62 100

64 29.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

2.26

2.26

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2.26

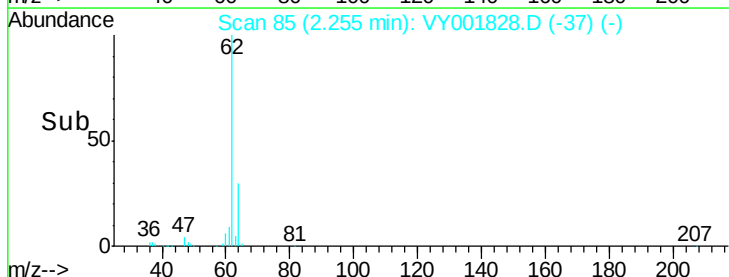
2.26

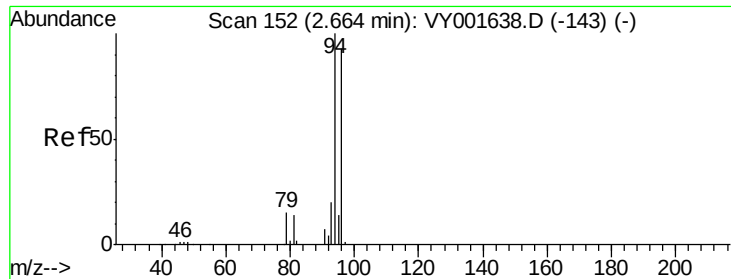
2.26

2.26

2.26

2.26





#5

Bromomethane

Concen: 18.682 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 94 Resp: 27427

Ion Ratio Lower Upper

94 100

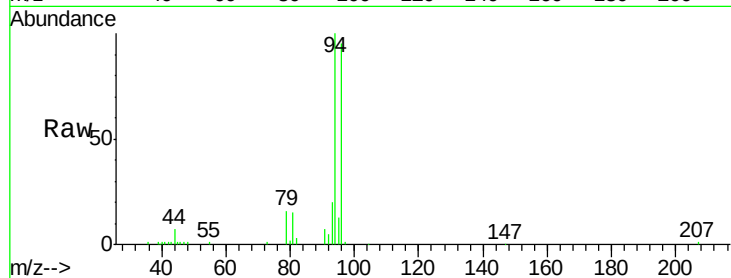
96 94.8 73.7 110.5

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

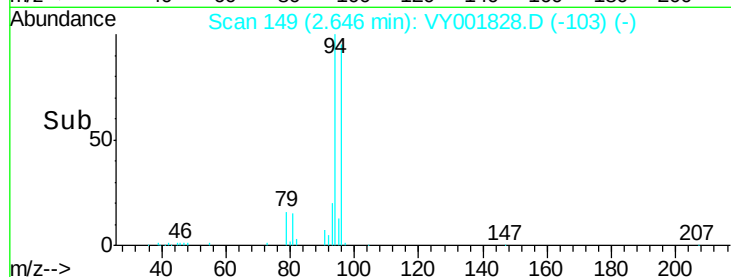
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10000

5000

0

Time-->

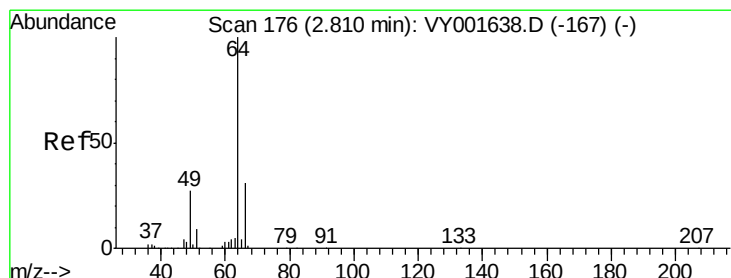


2.65

2.60

2.70

2.80



#6

Chloroethane

Concen: 19.060 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001828.D

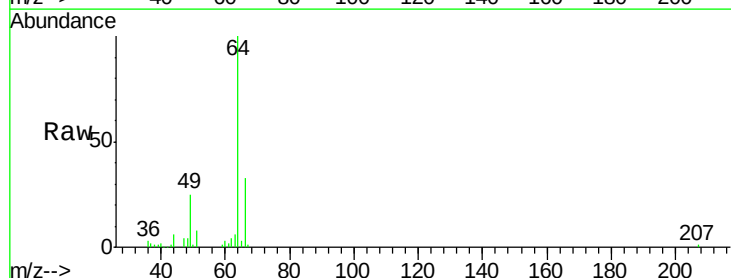
Acq: 03 Mar 2020 12:47

Tgt Ion: 64 Resp: 27589

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

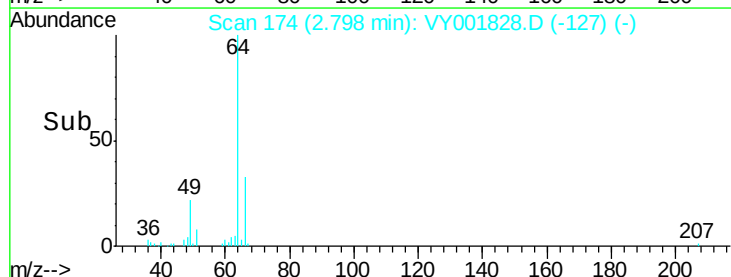
15000

10000

5000

0

Time-->

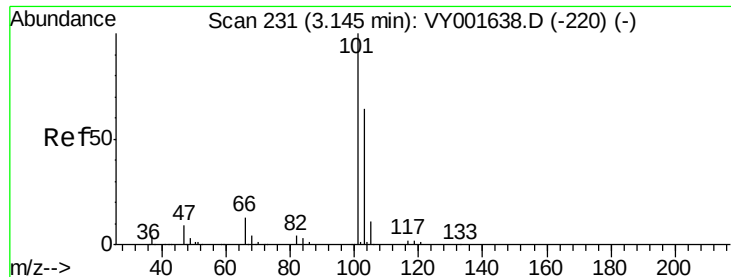


2.80

2.70

2.80

2.90



#7

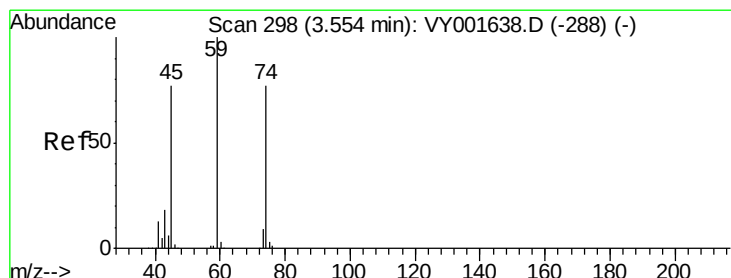
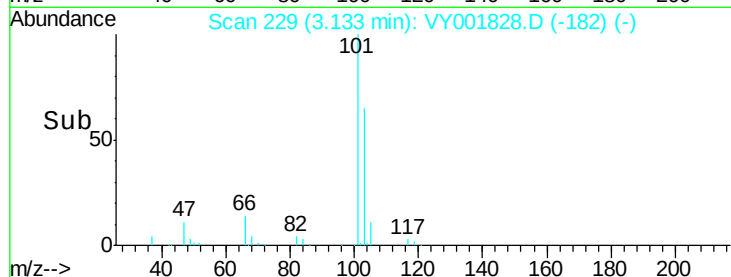
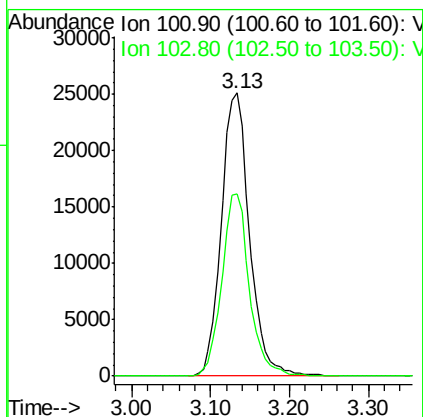
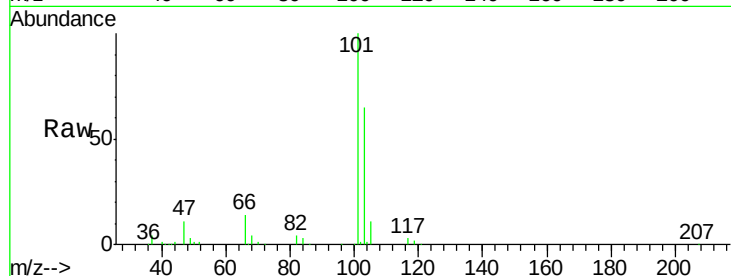
Trichlorofluoromethane
Concen: 20.796 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.2

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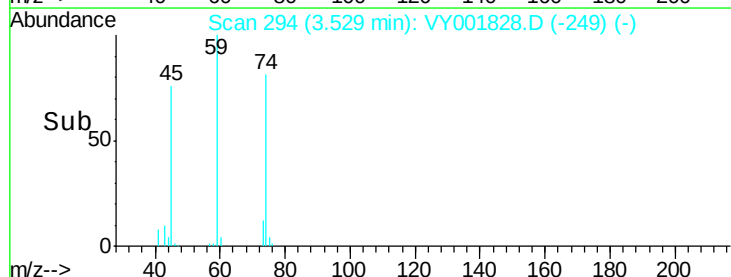
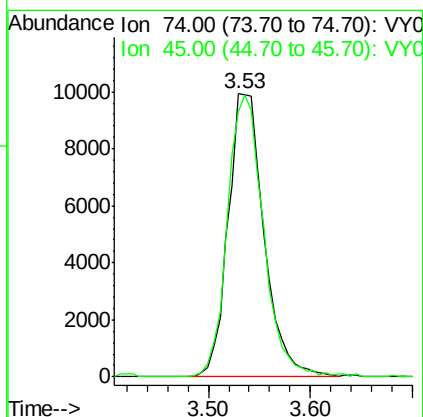
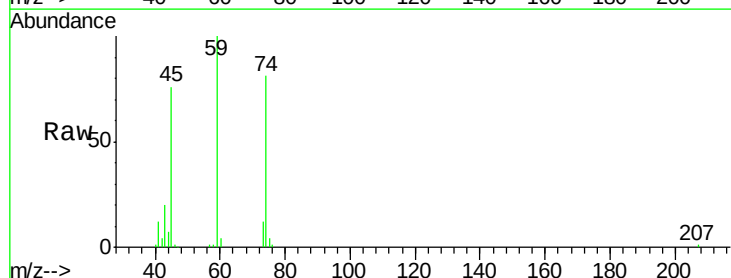
MMDadoda
3/4/2020 2:02:01 PM

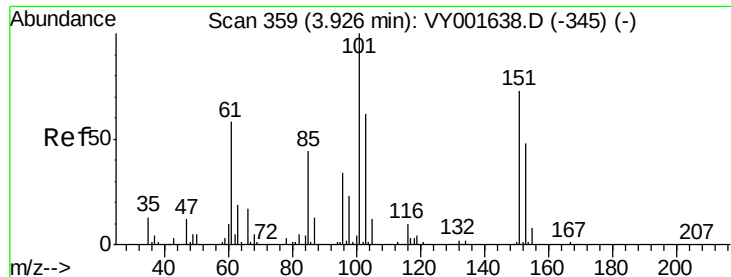


#8

Diethyl Ether
Concen: 20.477 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.447 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY001828.D

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MSVOA_Y

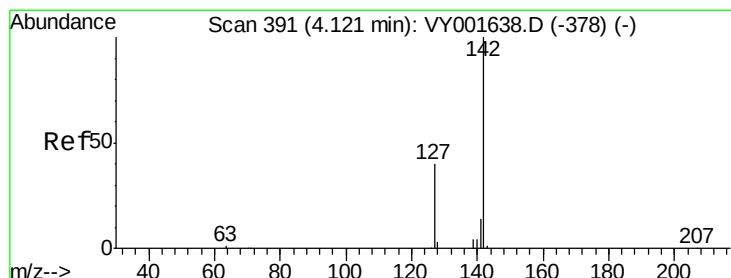
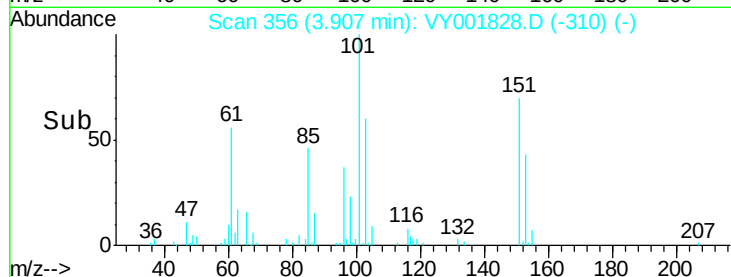
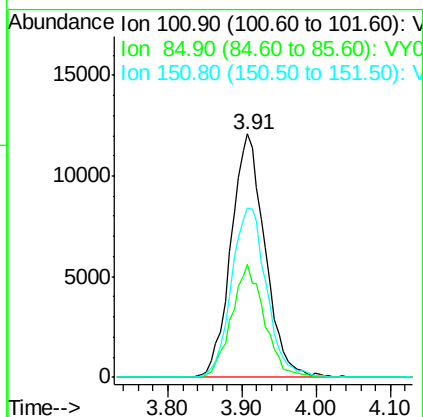
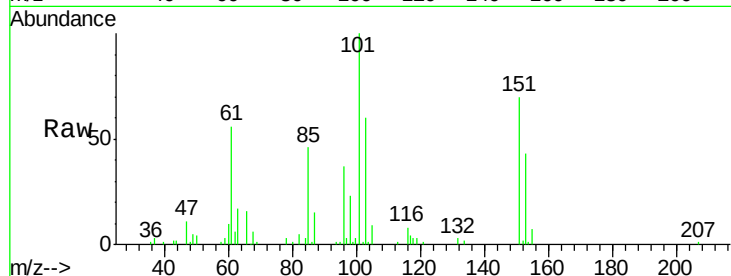
ClientSampleId :

VY0303SBS01

Tot Ion:	101	Resp:	38637
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	71.8	58.4	87.6

Manual Integrations
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MMDadoda
3/4/2020 2:02:01 PM



#10

Methyl Iodide

Concen: 18.073 ug/l

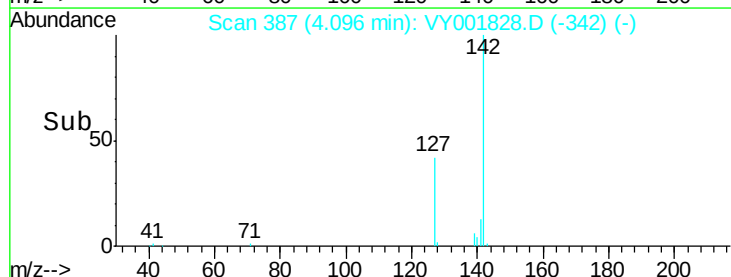
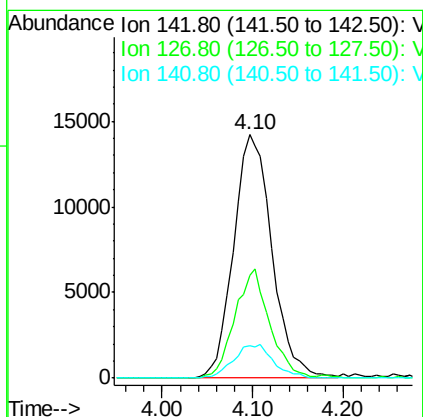
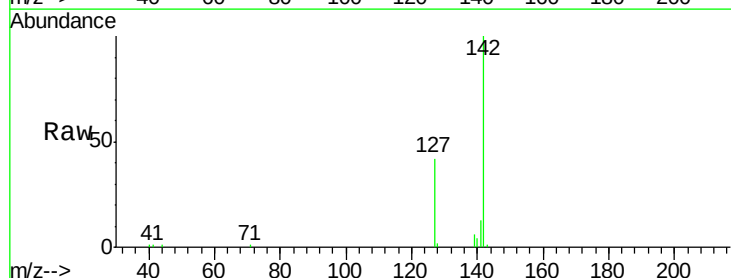
RT: 4.10 min Scan# 387

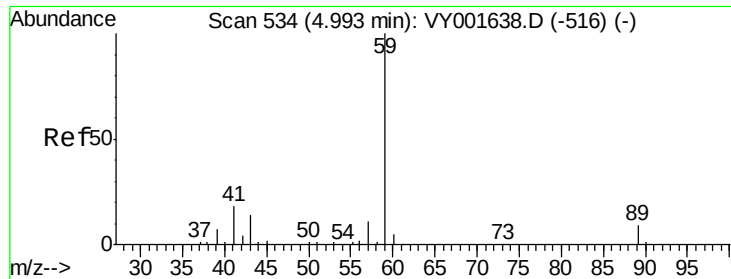
Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Tgt Ion:	142	Resp:	41796
Ion Ratio	Lower	Upper	
142	100		
127	40.6	32.1	48.1
141	14.0	11.3	16.9





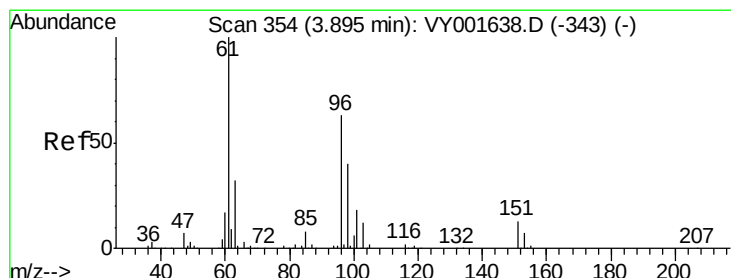
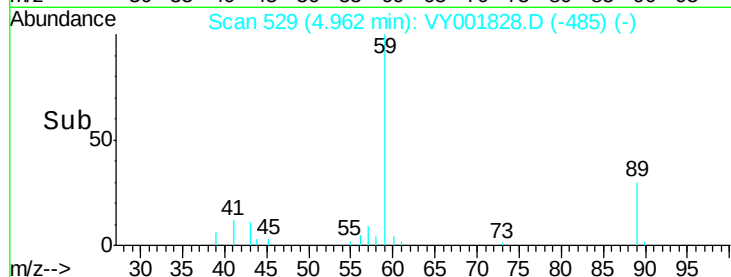
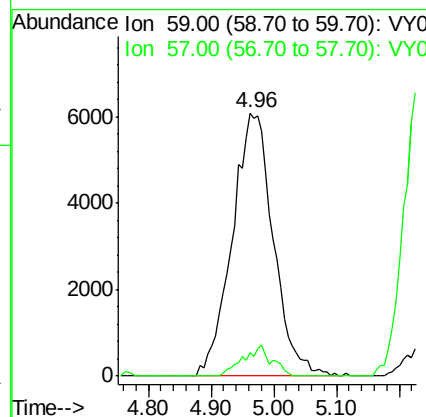
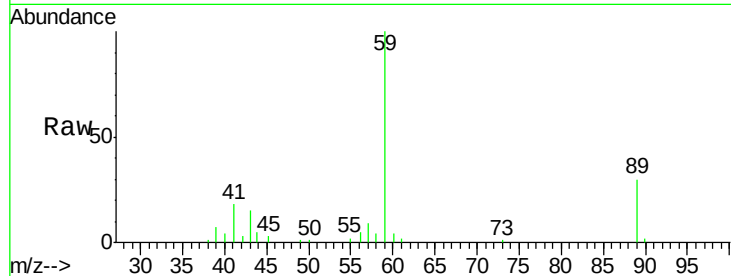
#11
Tert butyl alcohol
Concen: 110.578 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.03 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	7.4	11.2

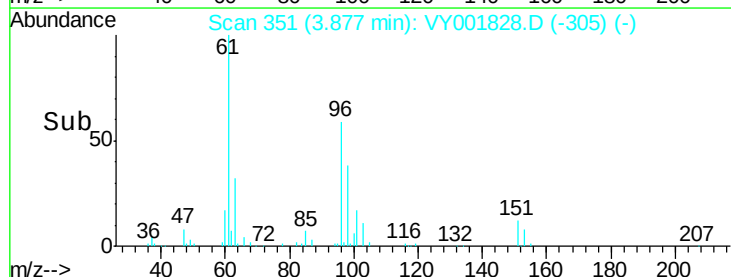
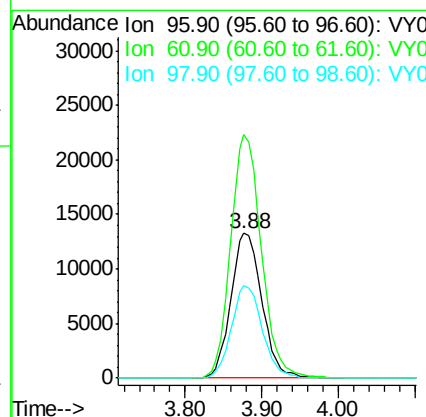
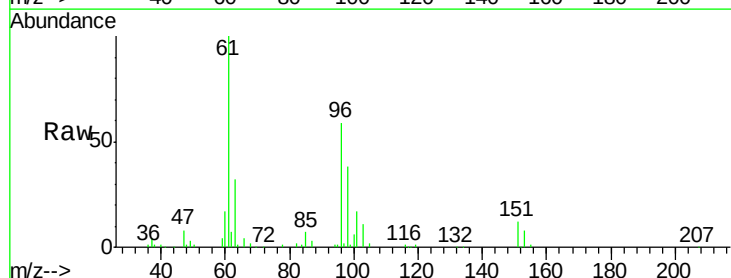
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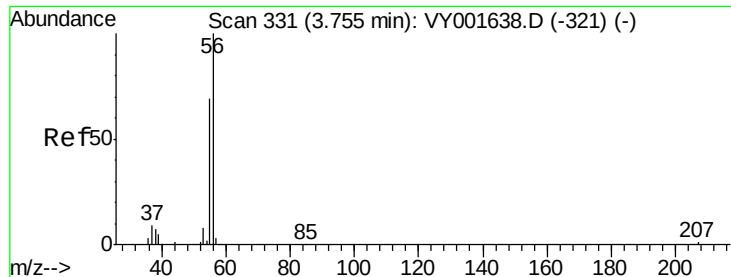
MMDadoda
3/4/2020 2:02:01 PM



#12
1,1-Dichloroethene
Concen: 19.365 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.6	128.7	193.1
98	63.8	50.7	76.1





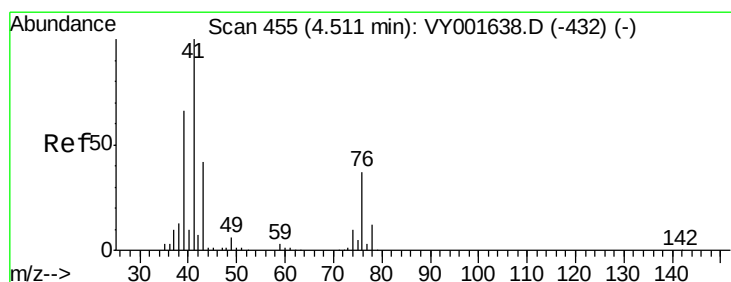
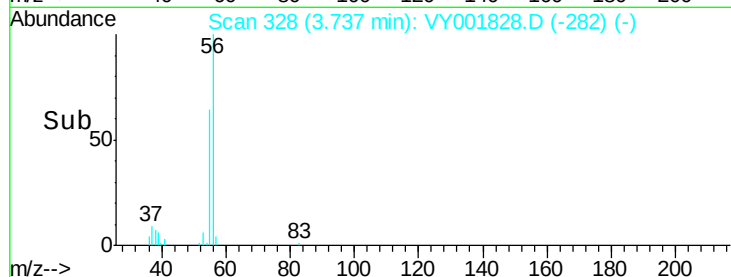
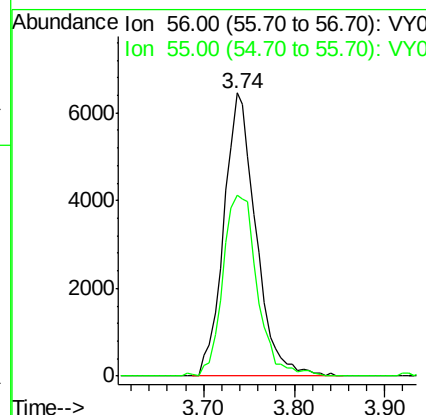
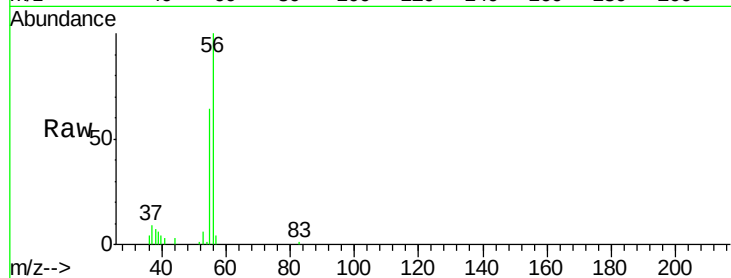
#13
 Acrolein
 Concen: 82.202 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.02 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	56	Resp	15862
Ion Ratio	100	Lower	Upper
56	100		
55	68.9	56.1	84.1

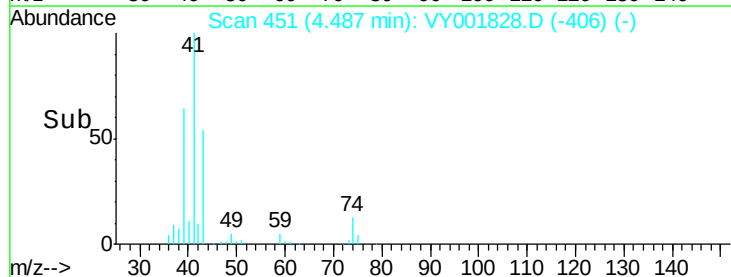
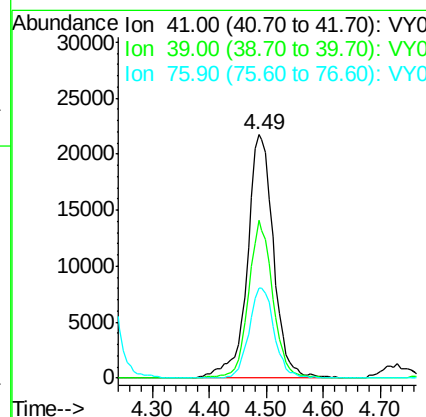
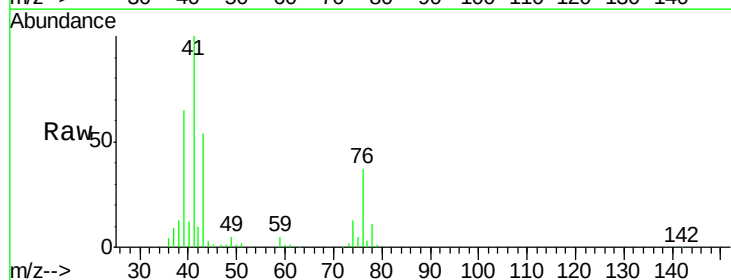
Manual Integrations
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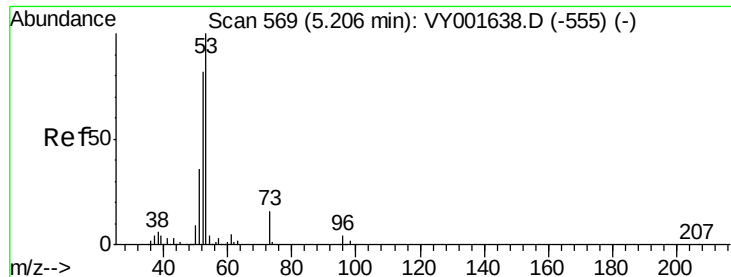
MMDadoda
 3/4/2020 2:02:01 PM



#14
 Allyl chloride
 Concen: 20.272 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	41	Resp	69532
Ion Ratio	100	Lower	Upper
41	100		
39	60.3	49.4	74.0
76	35.4	29.0	43.6





#15

Acrylonitrile

Concen: 109.144 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.03 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

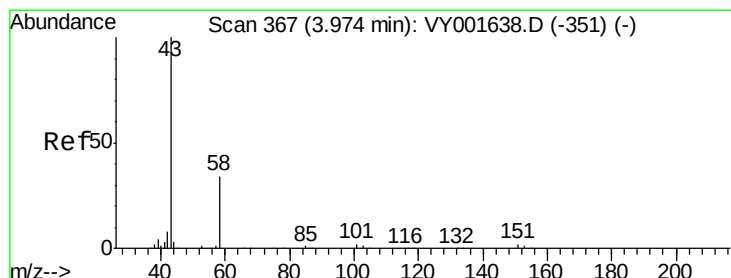
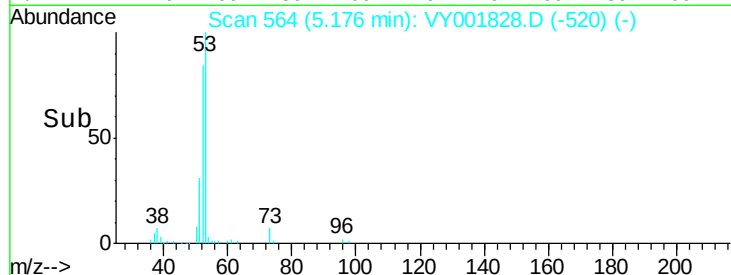
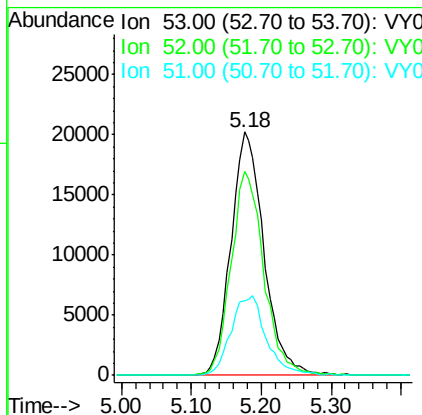
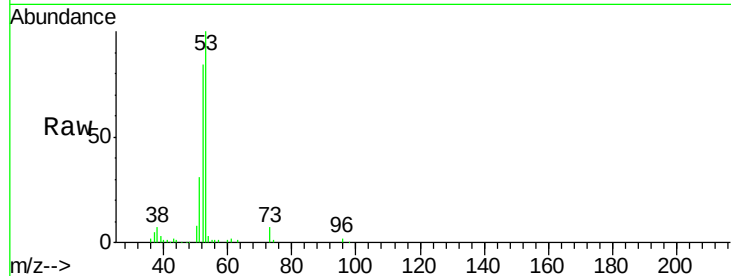
ClientSampleId :

VY0303SBS01

Tot Ion:	53	Resp:	66304
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.4	98.0
51	34.9	28.0	42.0

Manual Integrations
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3/4/2020 2:02:01 PM



#16

Acetone

Concen: 92.701 ug/l

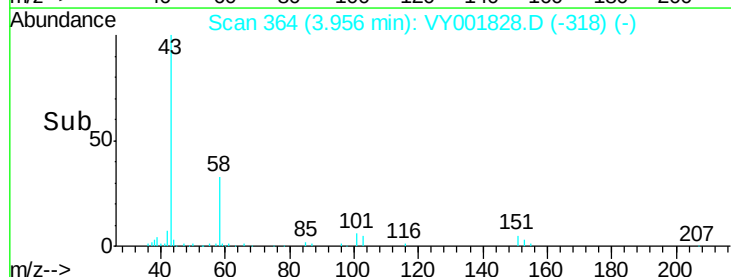
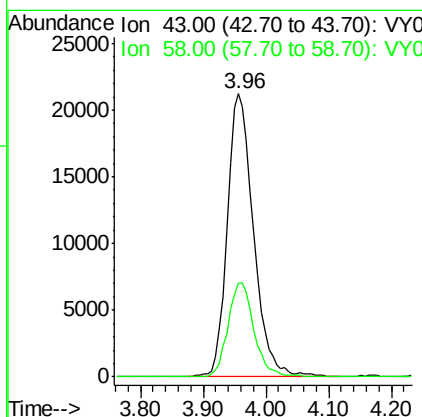
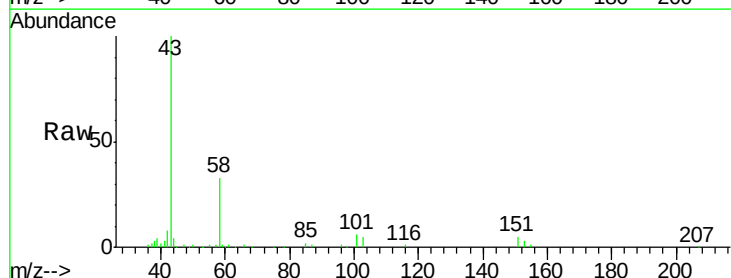
RT: 3.96 min Scan# 364

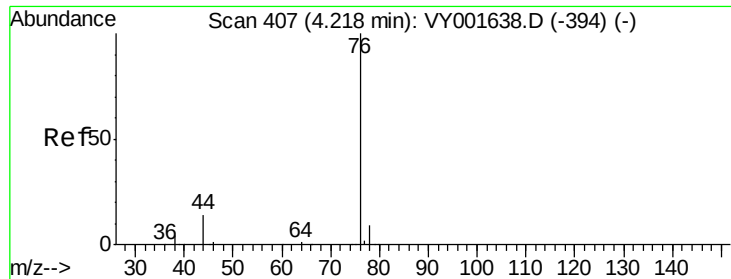
Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Tgt Ion:	43	Resp:	61285
Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.3	40.9





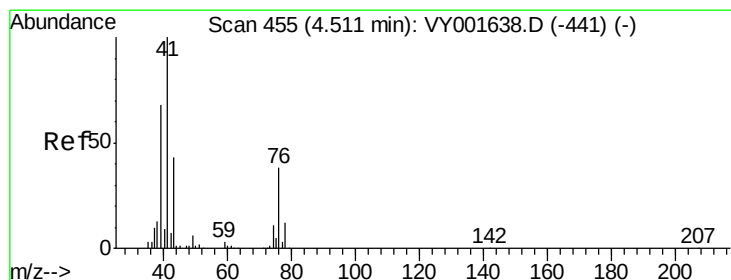
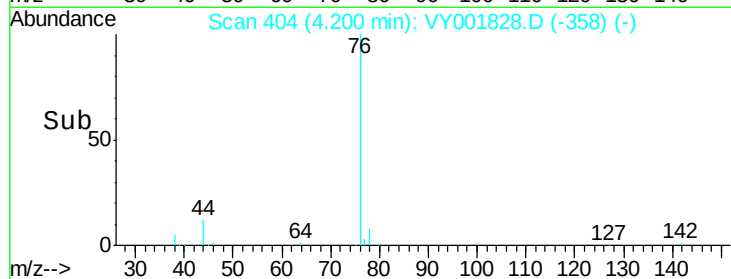
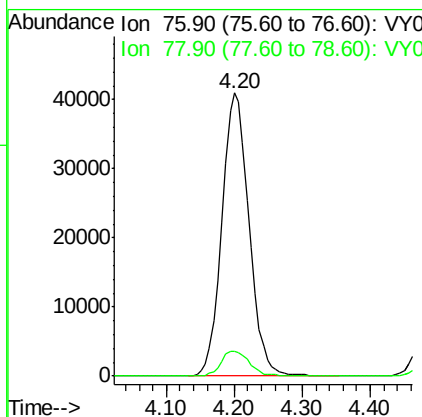
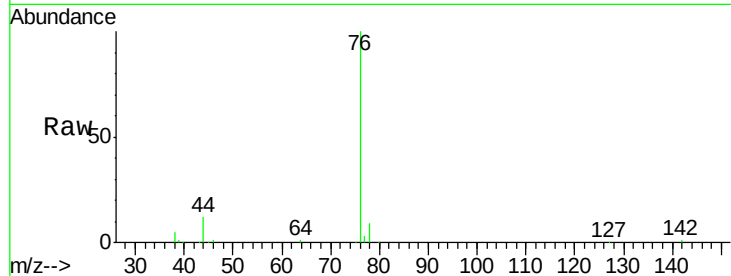
#17
Carbon Disulfide
Concen: 17.574 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

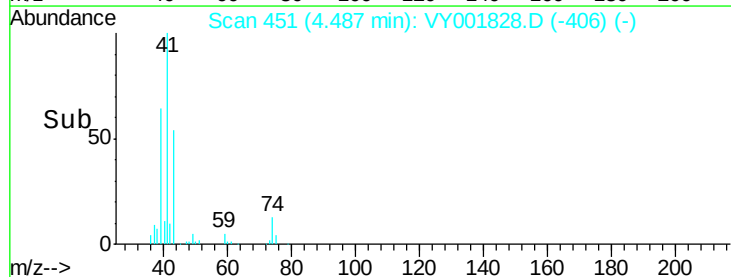
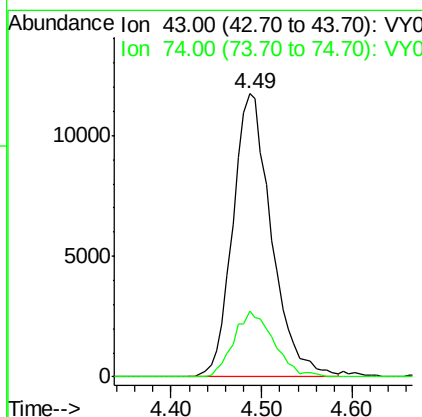
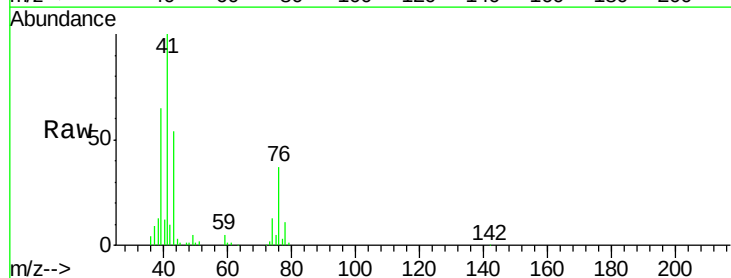
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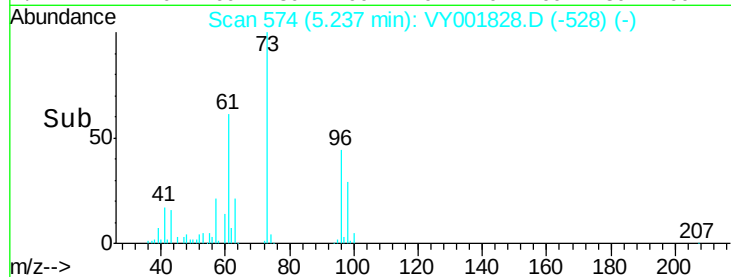
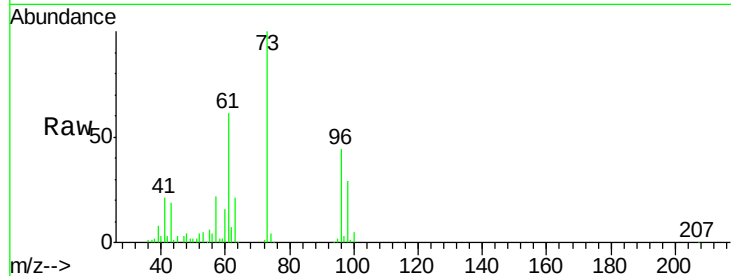
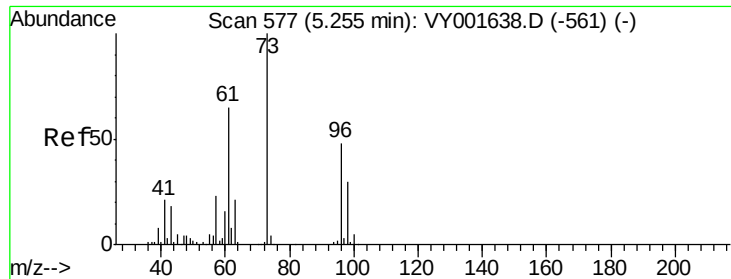
MMDadoda
3/4/2020 2:02:01 PM



#18
Methyl Acetate
Concen: 24.098 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.1	28.7





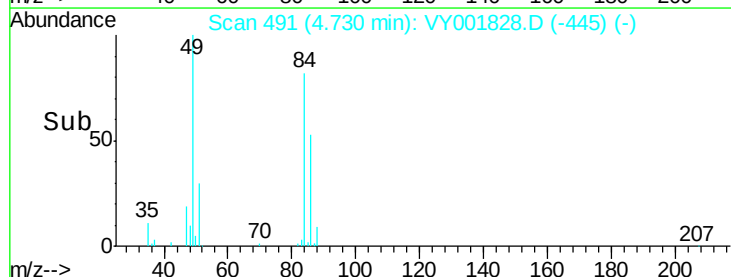
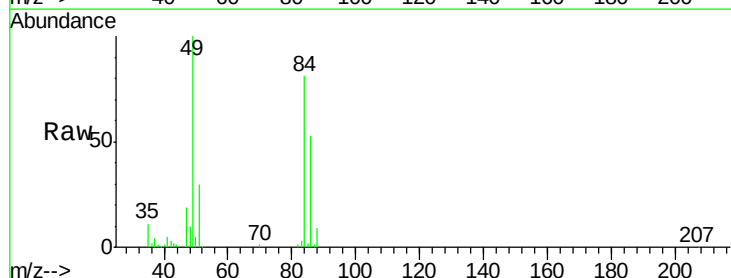
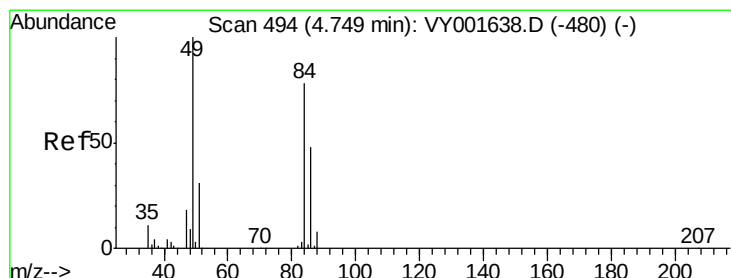
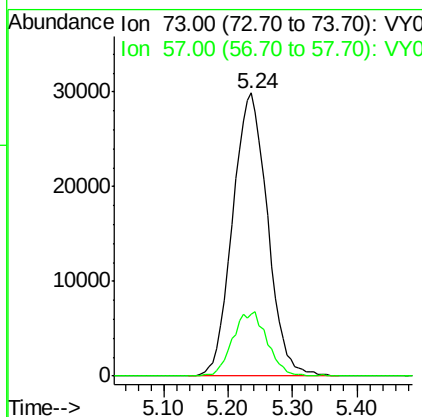
#19
Methyl tert-butyl Ether
Concen: 20.880 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tot Ion: 73 Resp: 112042
Ion Ratio Lower Upper
73 100
57 22.0 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

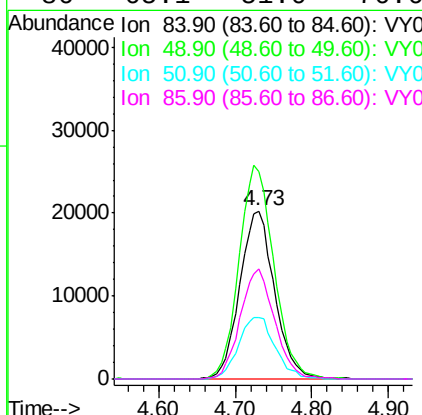
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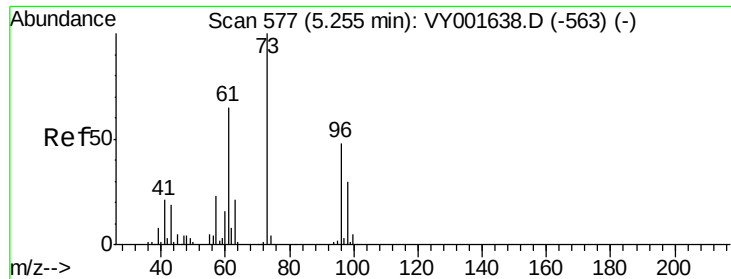
MMDadoda
3/4/2020 2:02:01 PM



#20
Methylene Chloride
Concen: 27.244 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion: 84 Resp: 63976
Ion Ratio Lower Upper
84 100
49 122.9 99.2 148.8
51 36.6 31.5 47.3
86 65.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.775 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

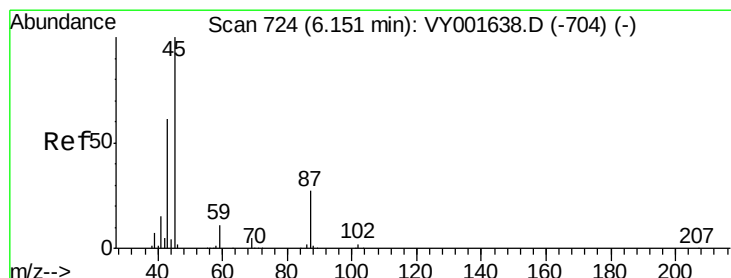
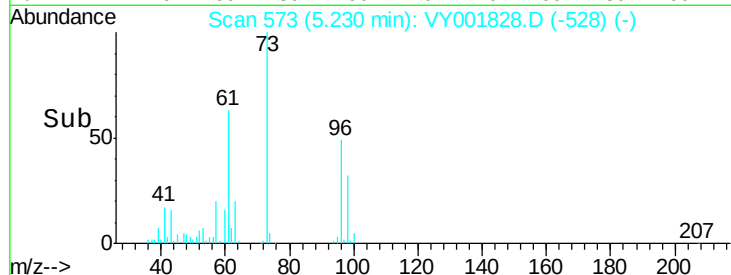
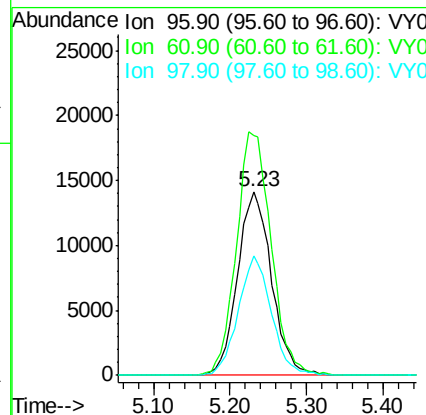
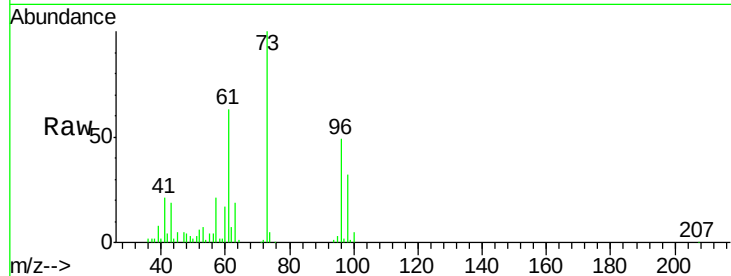
ClientSampleId :

VY0303SBS01

Tot Ion:	96	Resp:	43483
Ion	Ratio	Lower	Upper
96	100		
61	130.3	107.9	161.9
98	64.9	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.913 ug/l

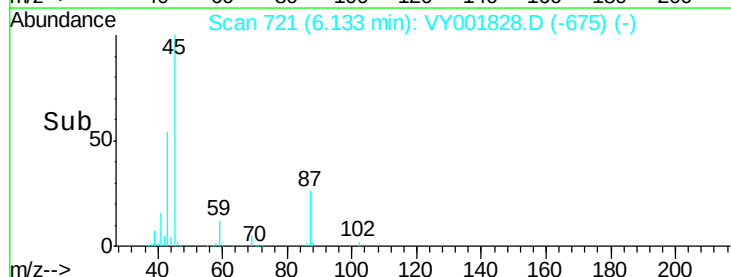
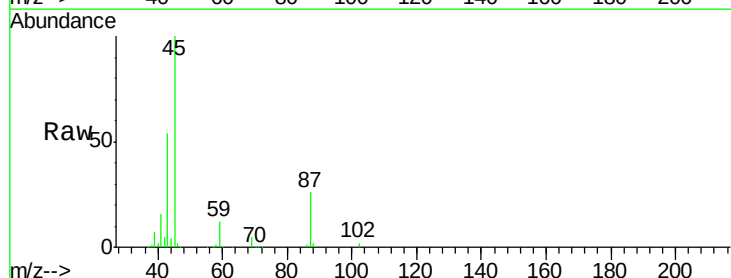
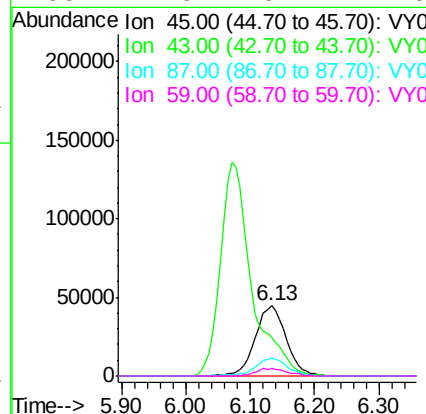
RT: 6.13 min Scan# 721

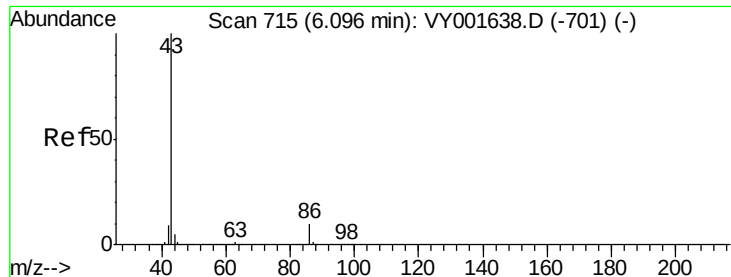
Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Tgt Ion:	45	Resp:	147307
Ion	Ratio	Lower	Upper
45	100		
43	53.5	46.4	69.6
87	25.5	22.1	33.1
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 100.778 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 43 Resp: 463046

Ion Ratio Lower Upper

43 100

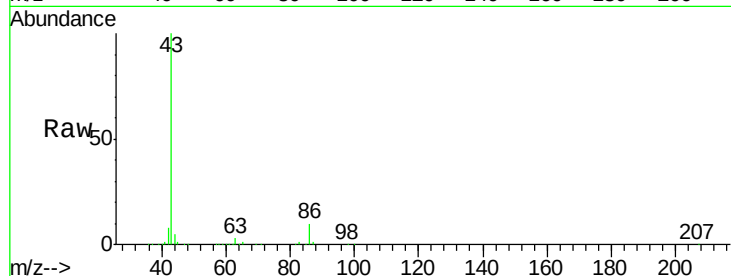
86 10.1 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

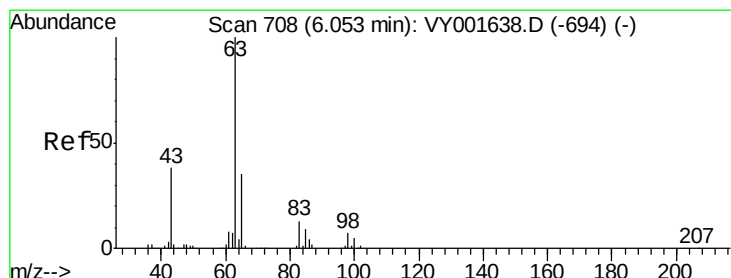
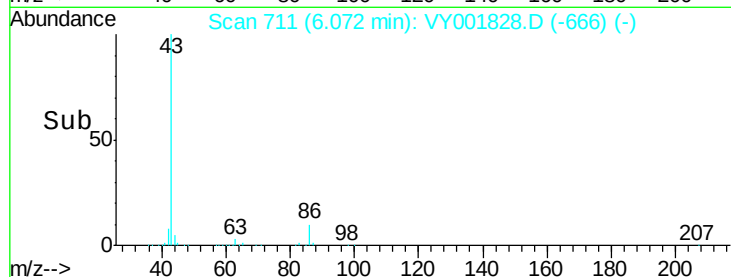
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.581 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

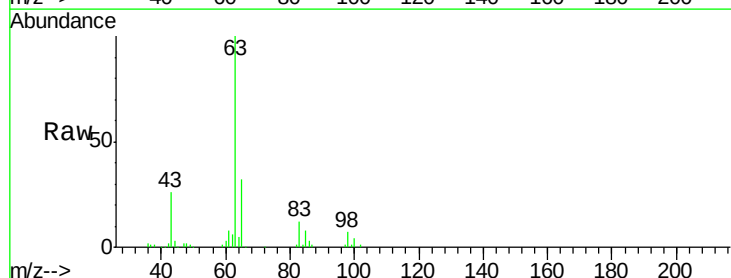
Tgt Ion: 63 Resp: 77485

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 3.9 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

30000

25000

20000

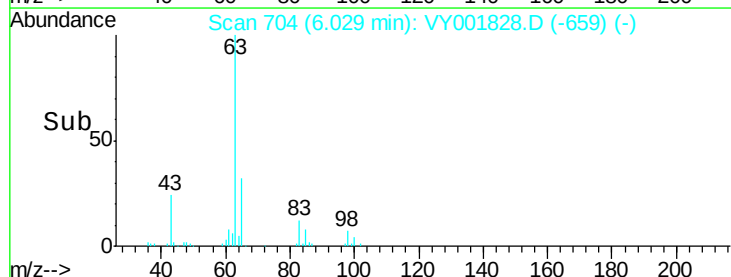
15000

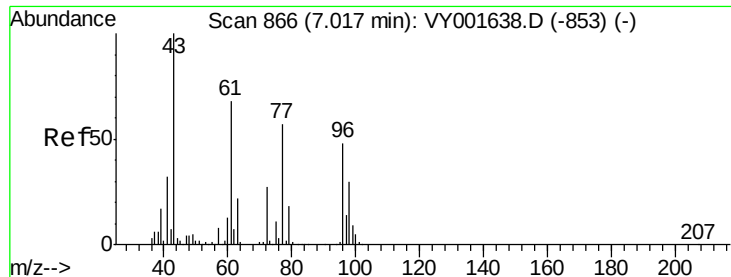
10000

5000

0

Time-->





#25

2-Butanone

Concen: 102.354 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 43 Resp: 91922

Ion Ratio Lower Upper

43 100

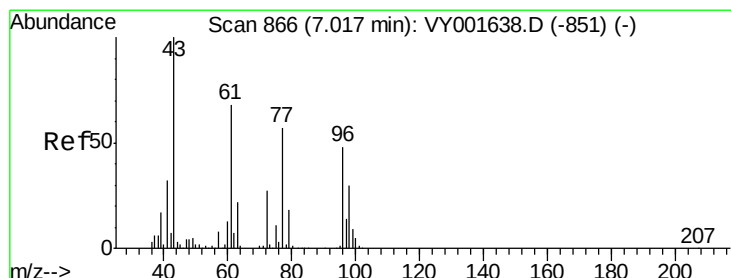
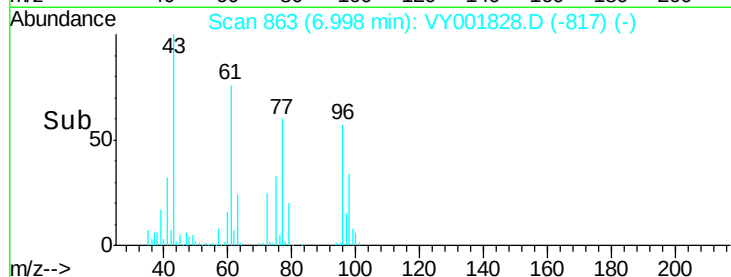
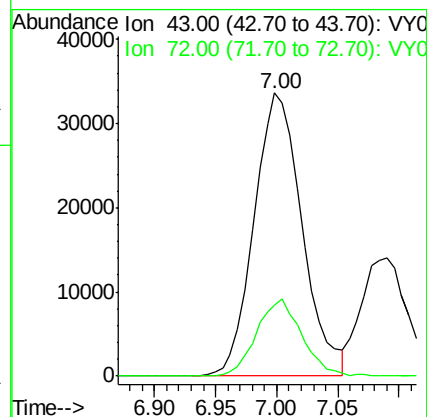
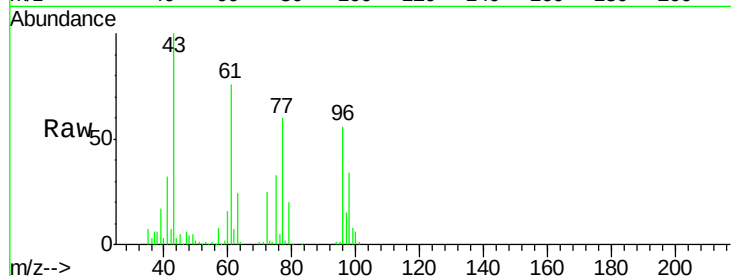
72 25.0 21.2 31.8

Manual Integrations

APPROVED

MMDadoda

3/4/2020 2:02:01 PM



#26

2,2-Dichloropropane

Concen: 19.601 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY001828.D

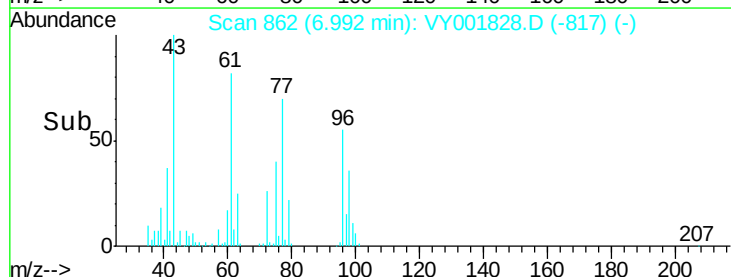
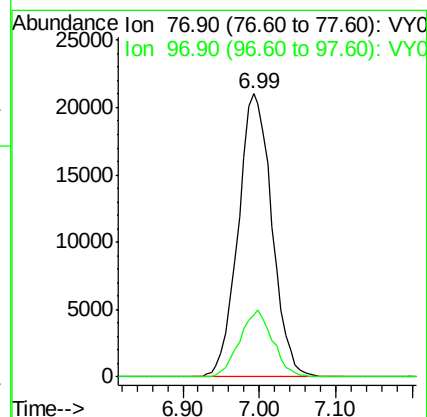
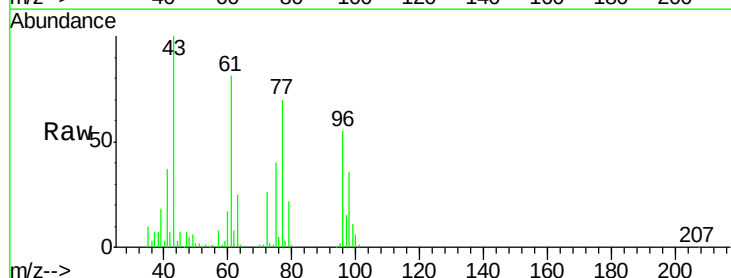
Acq: 03 Mar 2020 12:47

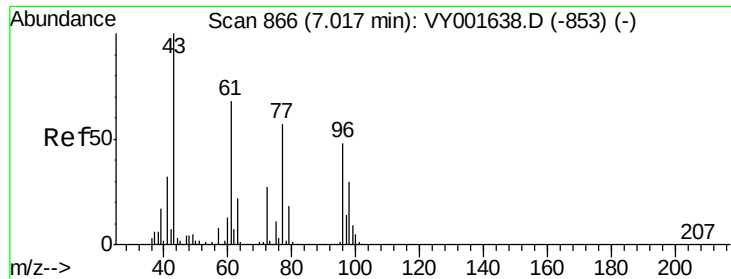
Tgt Ion: 77 Resp: 64202

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.4





#27

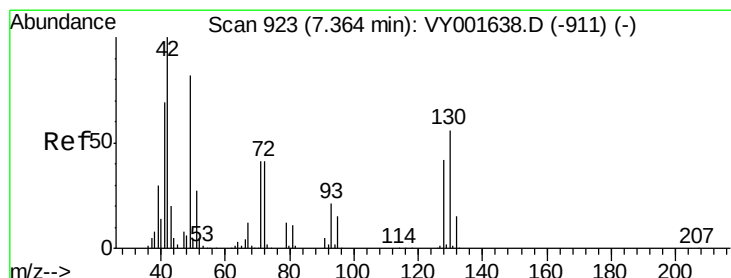
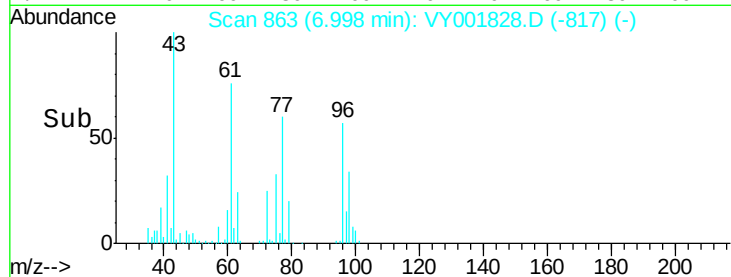
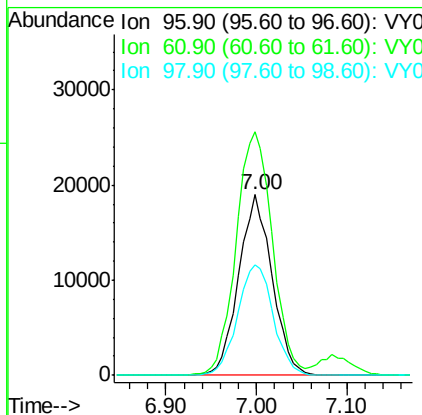
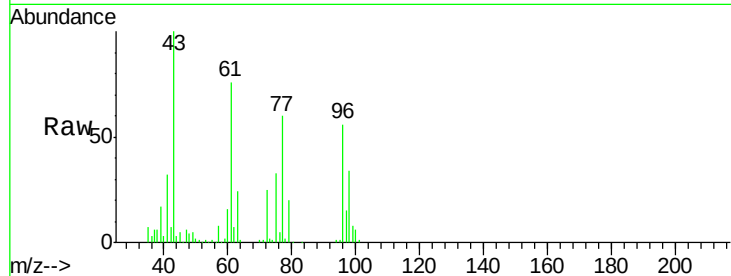
cis-1,2-Dichloroethene
Concen: 20.035 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48628		
61	146.1	0.0	290.8	
98	65.0	0.0	128.6	

Manual Integrations
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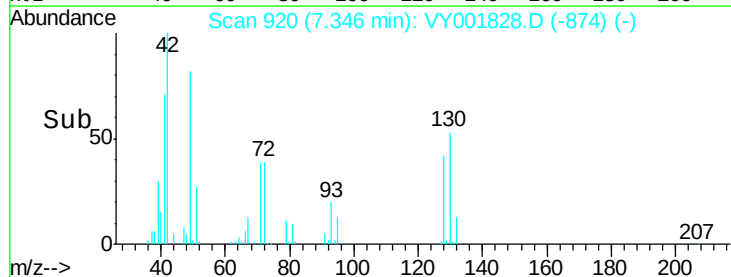
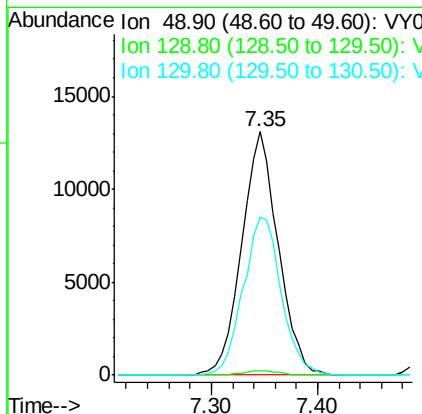
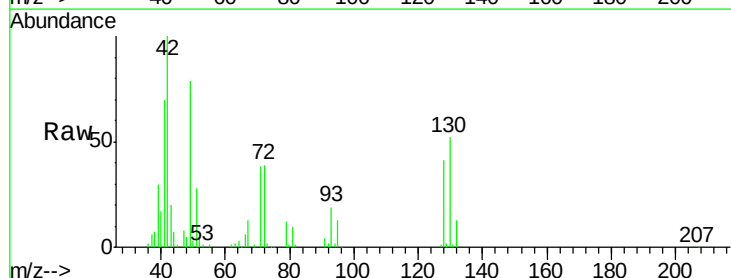
MMDadoda
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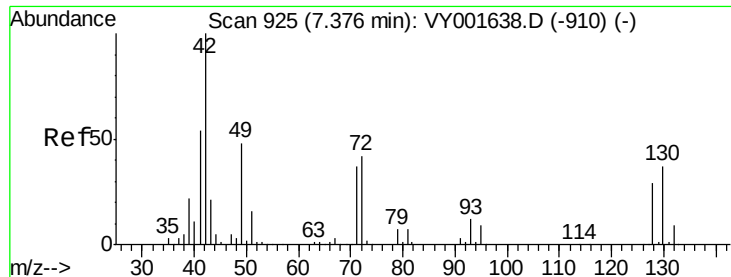


#28

Bromochloromethane
Concen: 20.063 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31464		
129	1.8	0.0	3.6	
130	67.6	56.2	84.4	





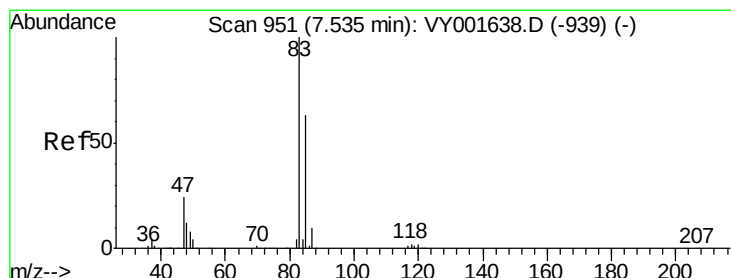
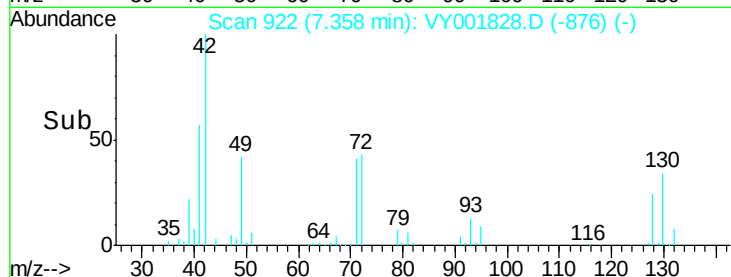
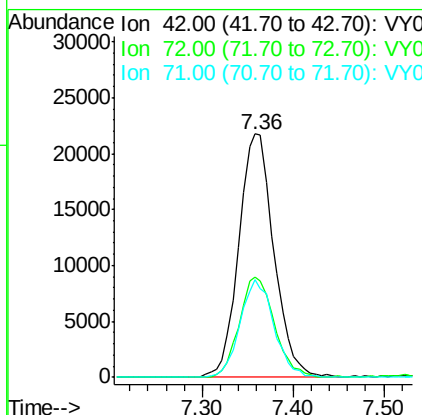
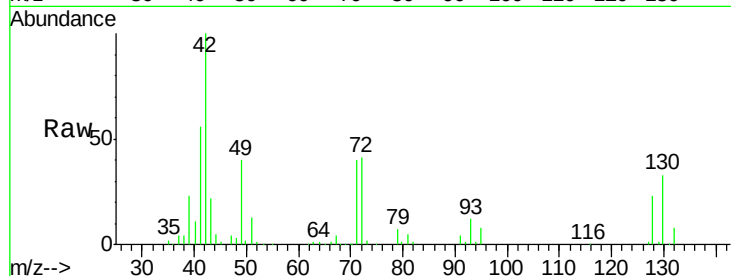
#29
Tetrahydrofuran
Concen: 107.484 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	34.4	51.6
71	38.4	31.8	47.8

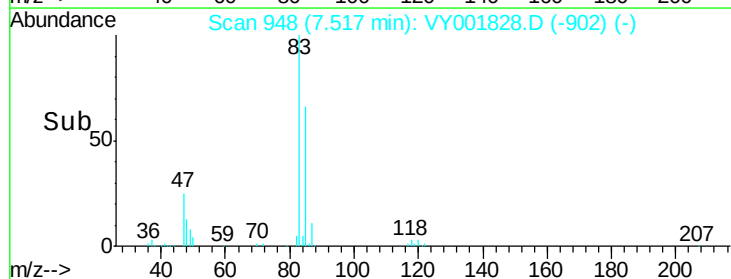
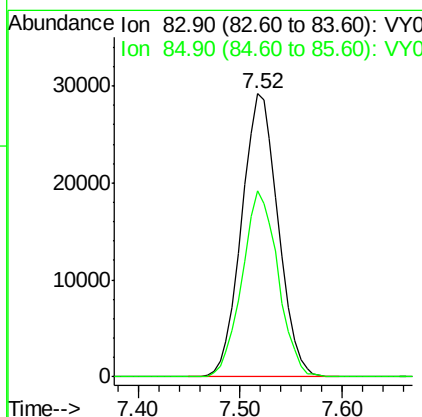
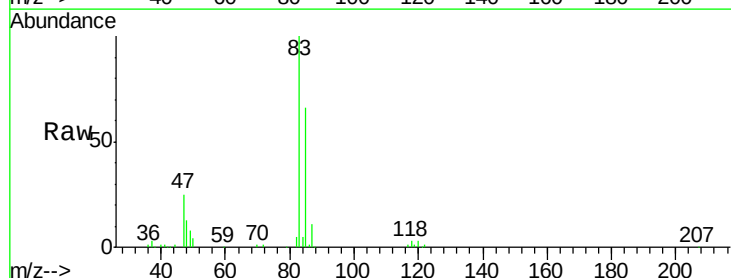
Manual Integrations
APPROVED

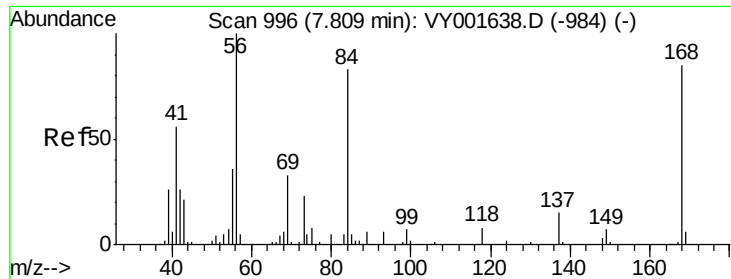
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#30
Chloroform
Concen: 19.739 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.6	77.4





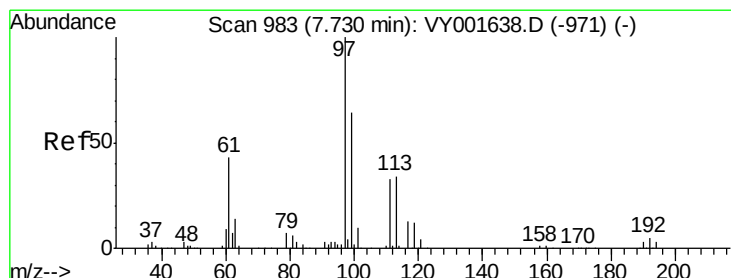
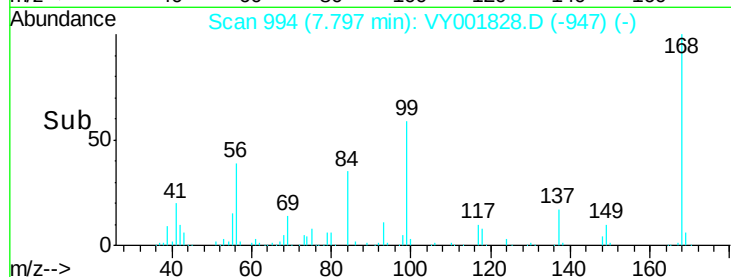
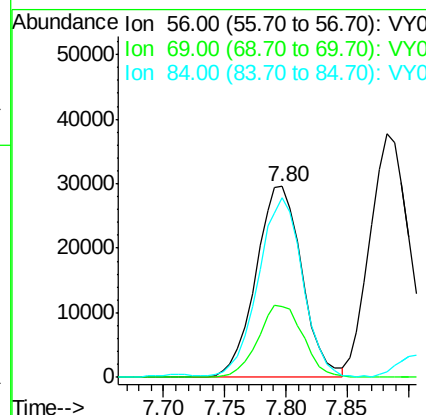
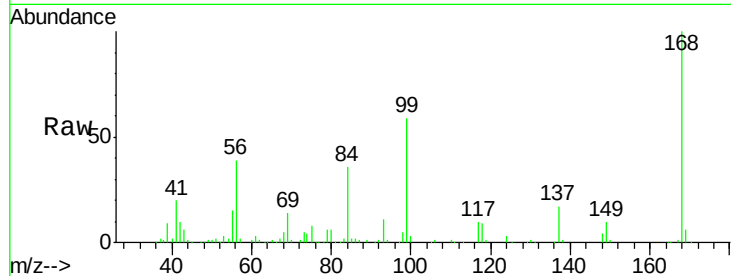
#31
Cyclohexane
Concen: 19.372 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.2	25.1	37.7
84	93.3	66.9	100.3

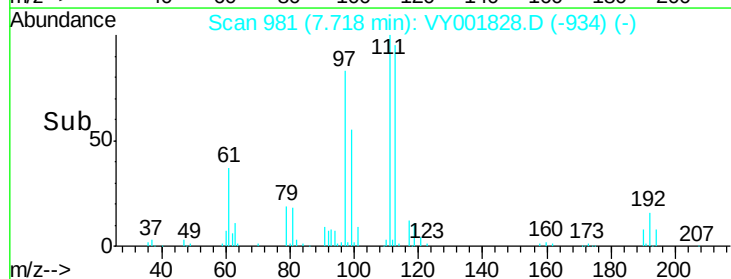
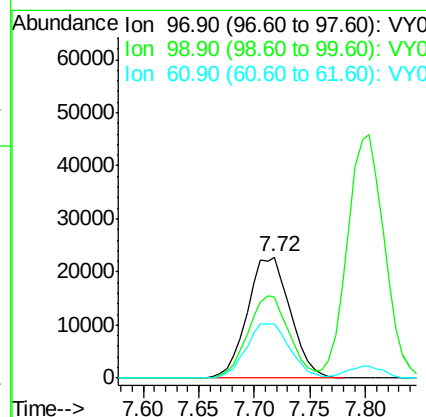
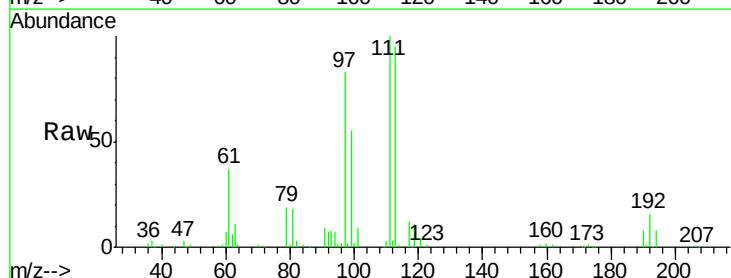
Manual Integrations
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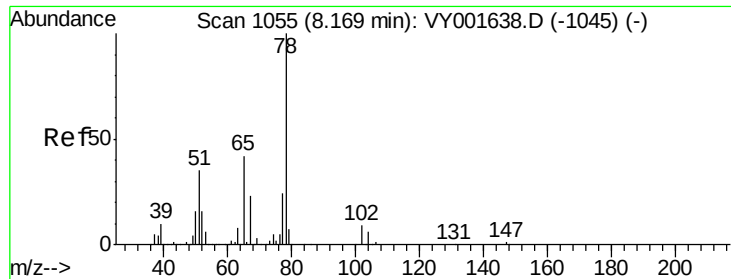
MMDadoda
3/4/2020 2:02:01 PM



#32
1,1,1-Trichloroethane
Concen: 19.762 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.2	76.8
61	45.8	35.0	52.6





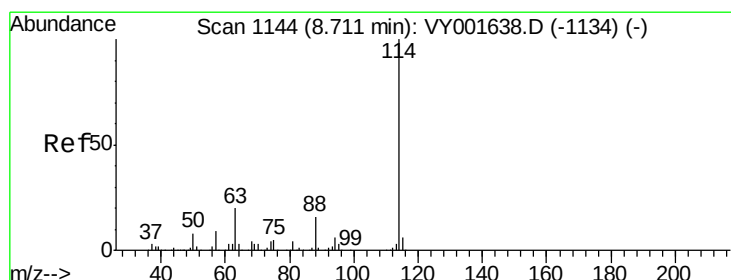
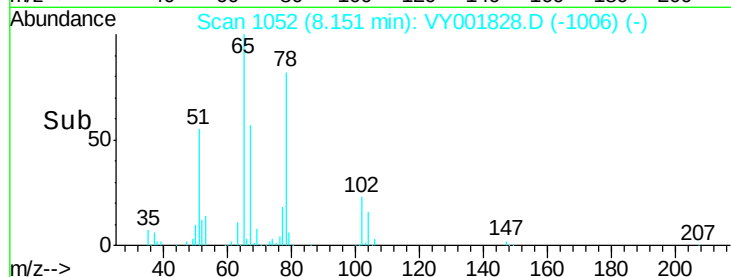
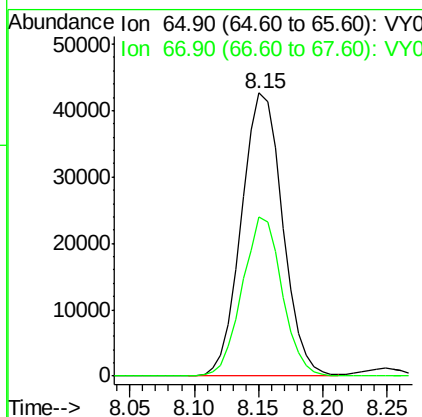
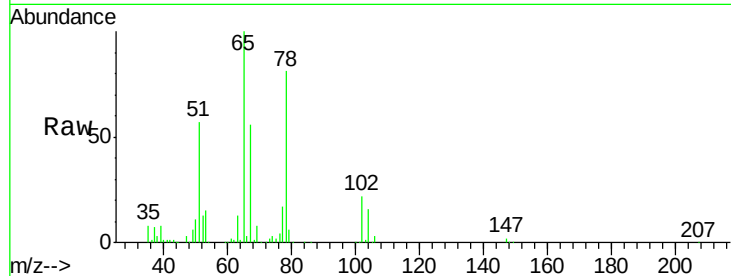
#33
 1,2-Dichloroethane-d4
 Concen: 49.491 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.2	0.0	111.0	

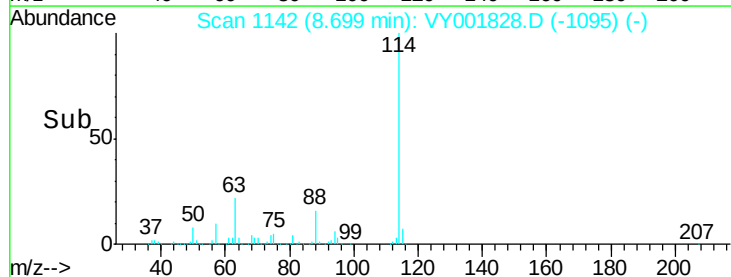
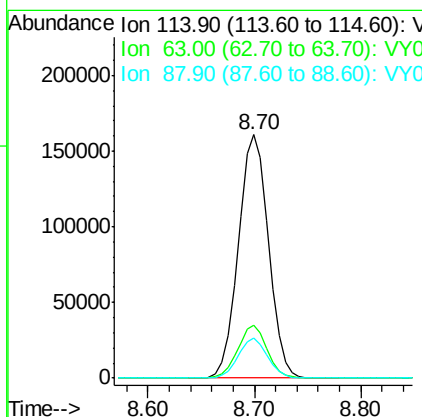
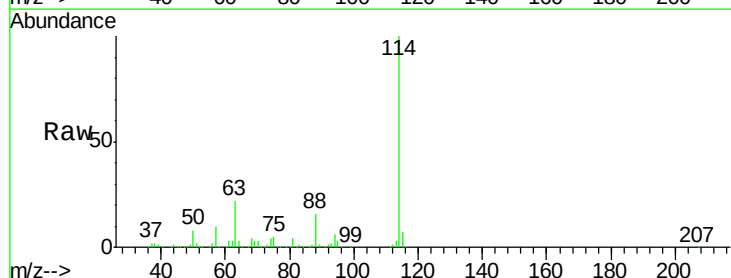
Manual Integrations
 APPROVED

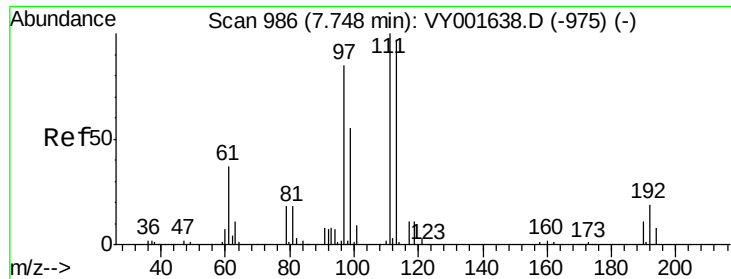
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	41.4	
88	16.4	0.0	32.8	





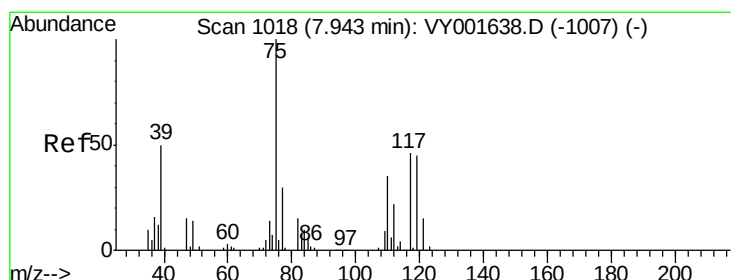
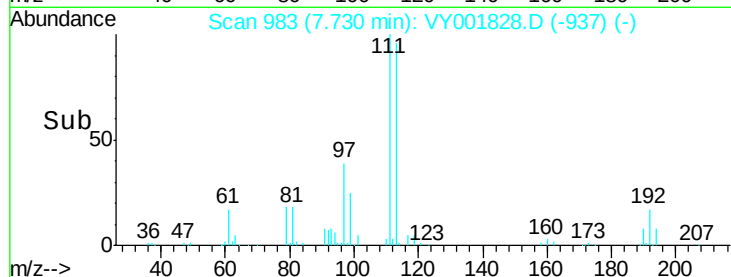
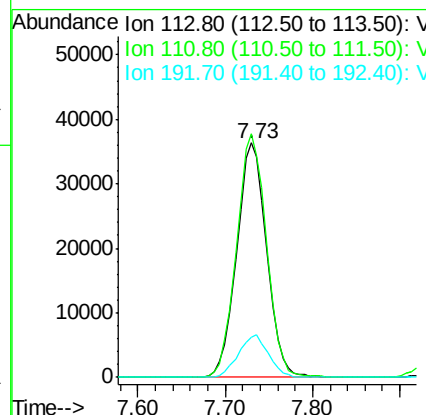
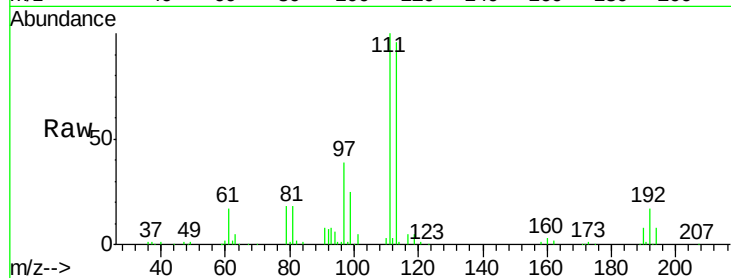
#35
 Dibromofluoromethane
 Concen: 47.185 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	18.1	14.3	21.5

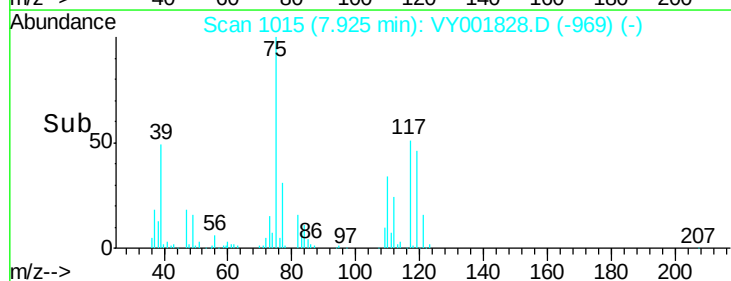
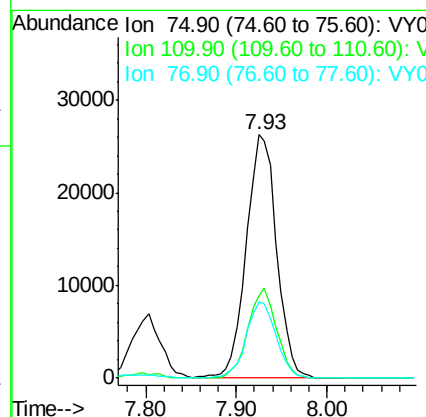
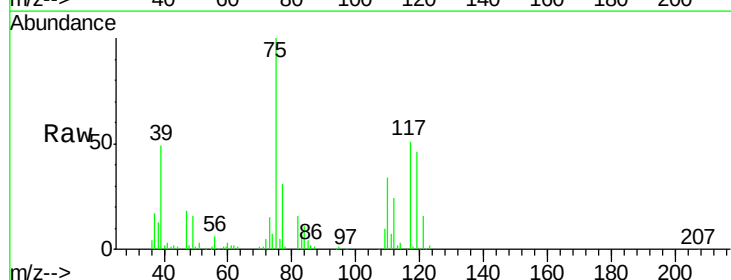
Manual Integrations
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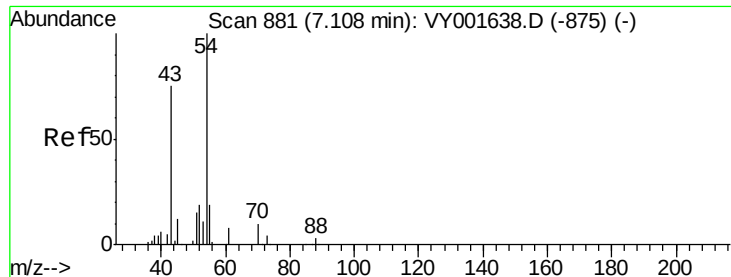
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#36
 1,1-Dichloropropene
 Concen: 19.946 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.2	51.6
77	31.0	24.8	37.2





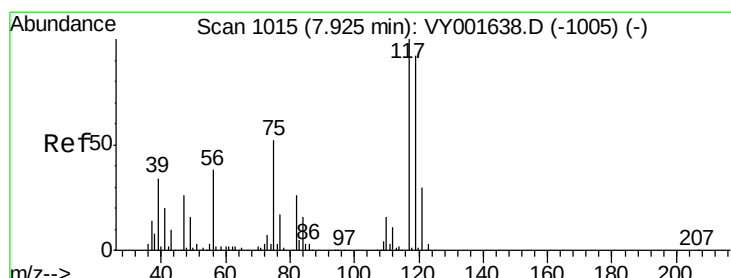
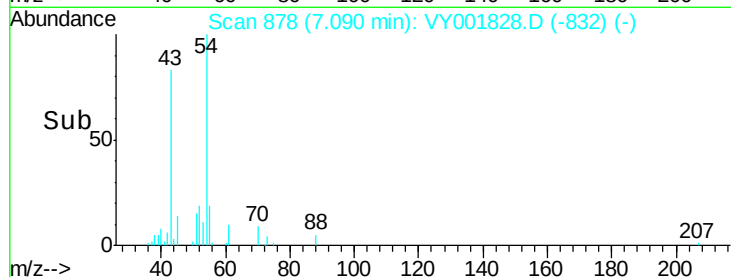
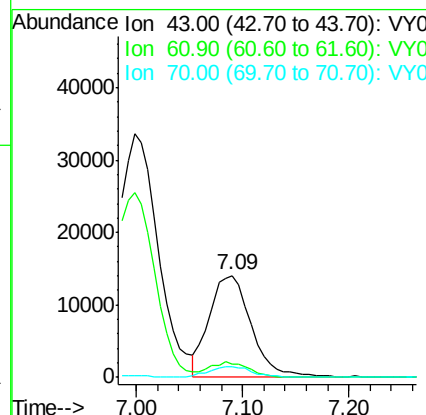
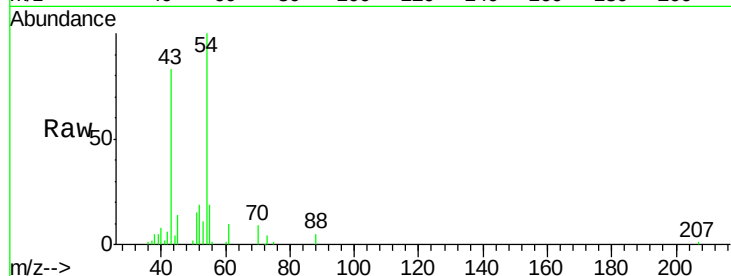
#37
Ethyl Acetate
Concen: 20.719 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.6
70	10.9	8.8	13.2

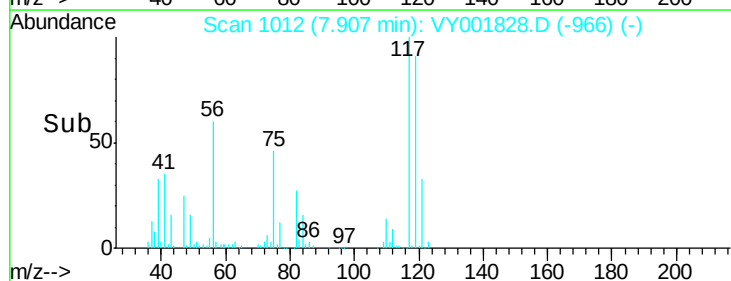
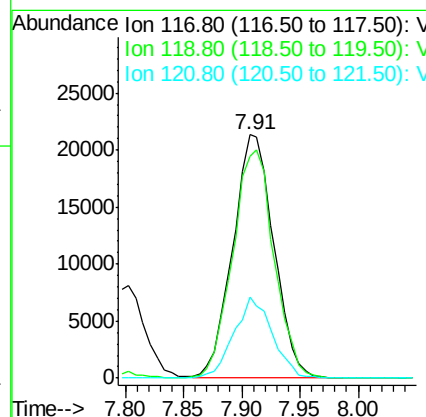
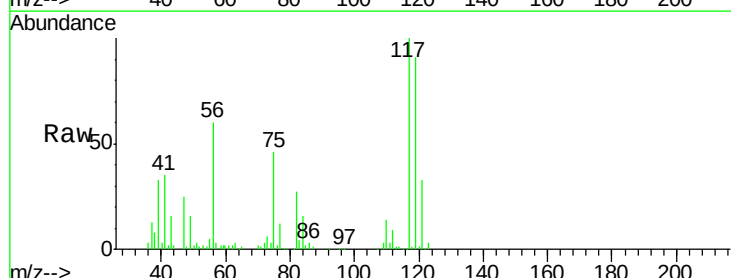
Manual Integrations
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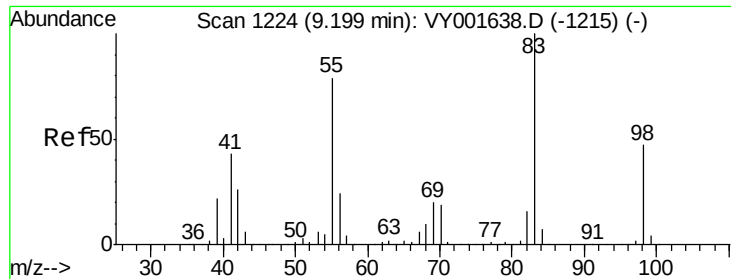
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#38
Carbon Tetrachloride
Concen: 19.561 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	74.8	112.2
121	33.1	23.8	35.6





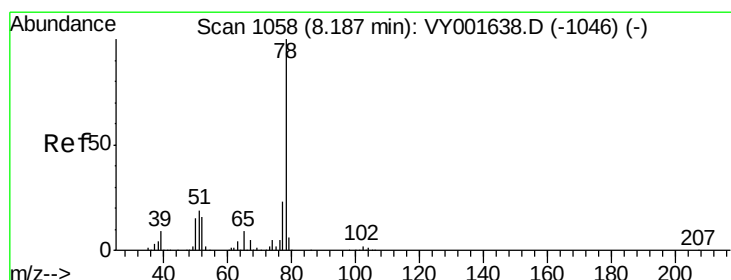
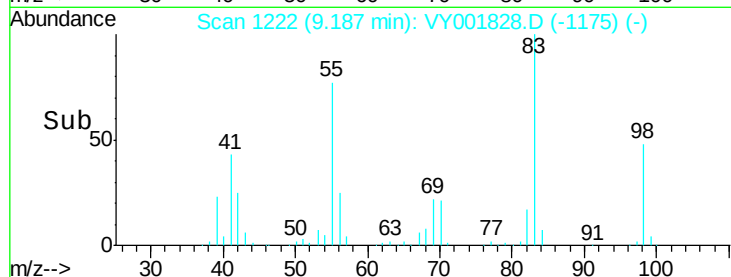
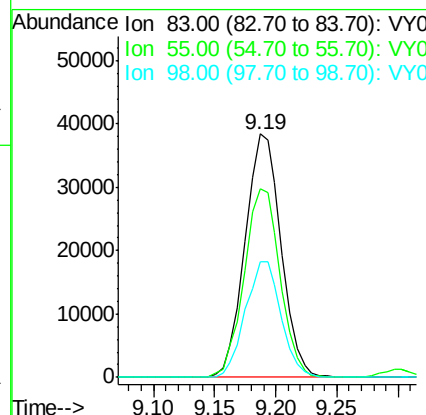
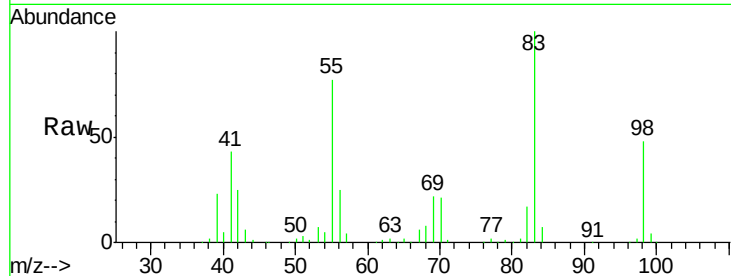
#39
Methylvlcyclohexane
Concen: 19.374 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.3	91.9
98	47.6	38.0	57.0

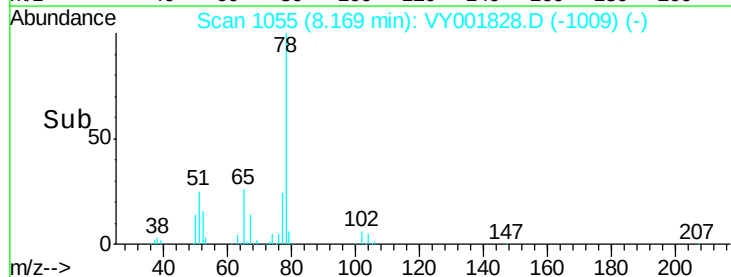
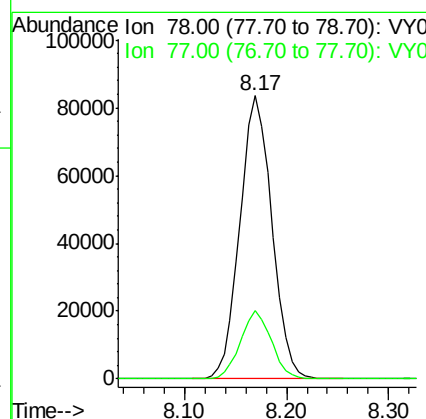
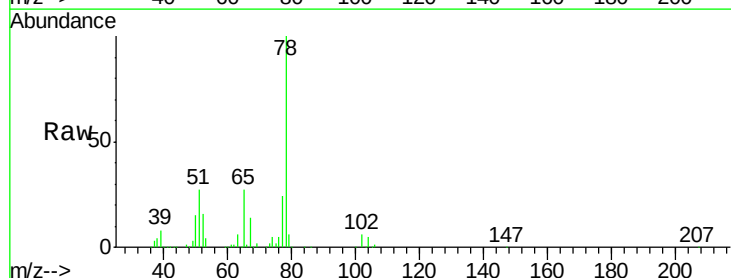
Manual Integrations
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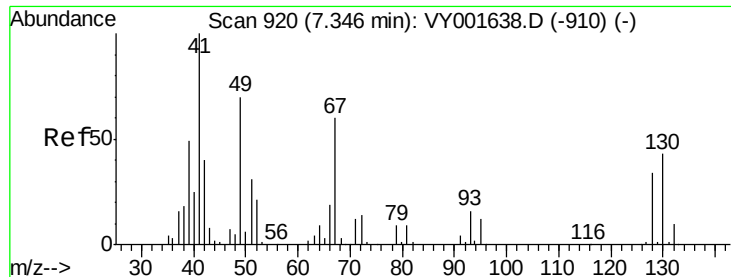
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#40
Benzene
Concen: 20.254 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.2	27.4





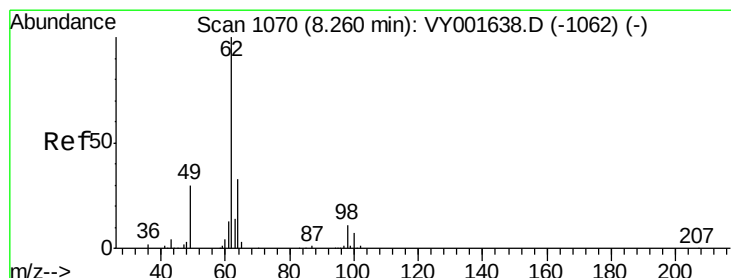
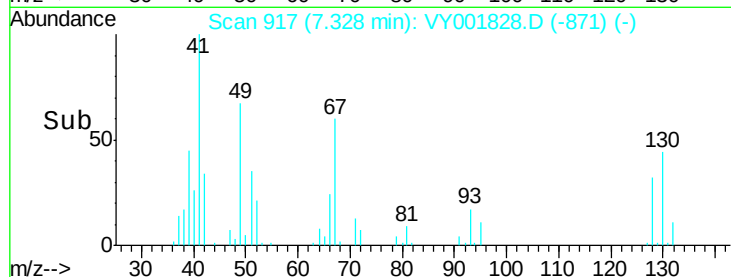
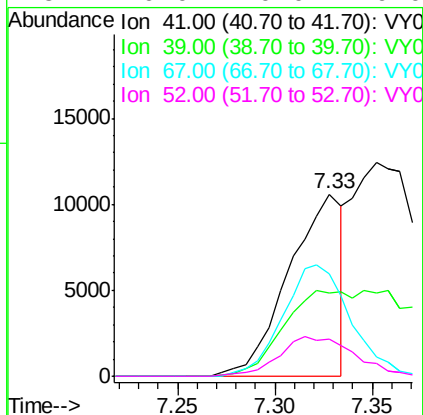
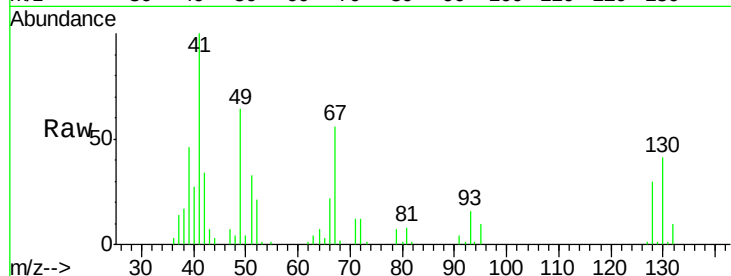
#41
Methacrylonitrile
Concen: 22.230 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

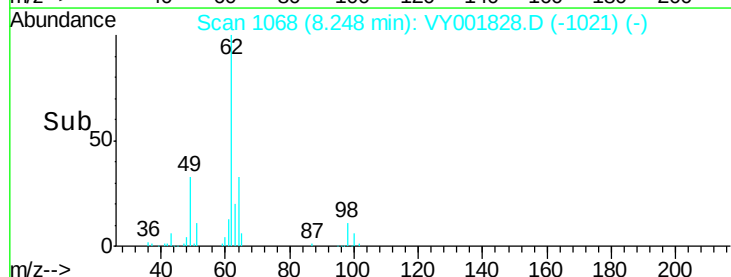
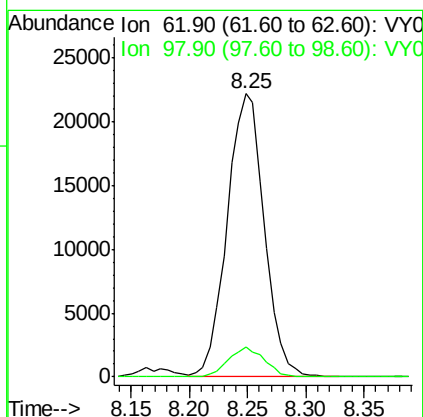
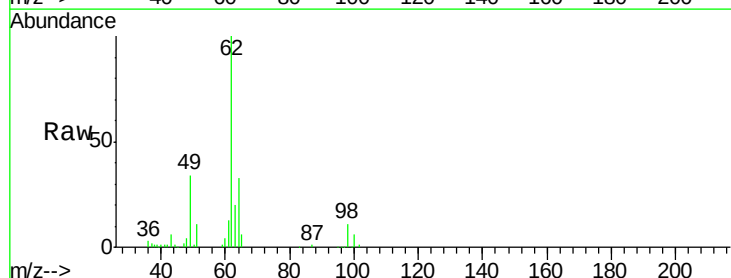
Manual Integrations
APPROVED

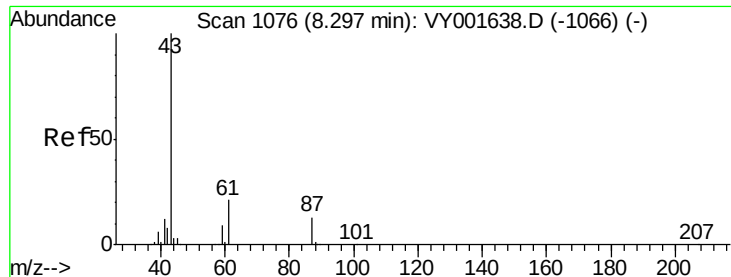
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#42
1,2-Dichloroethane
Concen: 20.070 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8





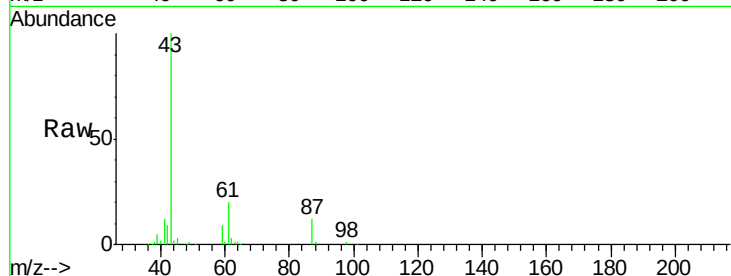
#43
Isopropyl Acetate
Concen: 21.075 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

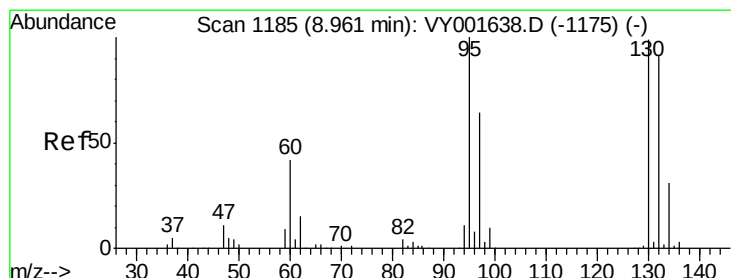
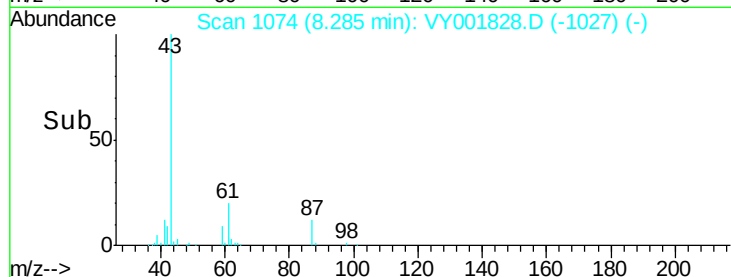
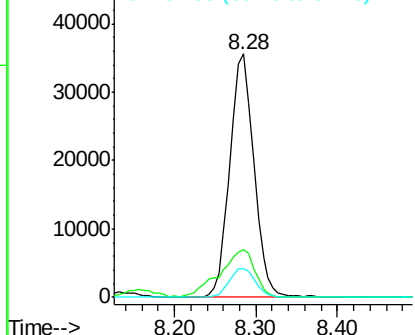
Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.0	34.4
87	12.4	10.7	16.1

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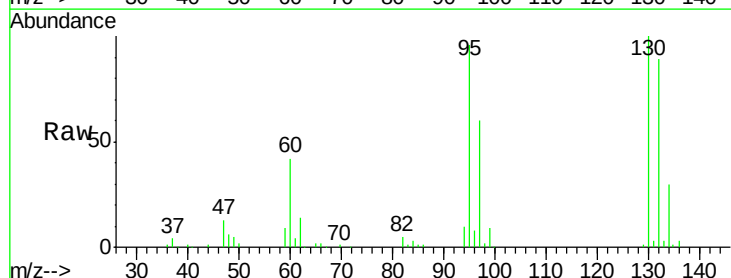


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

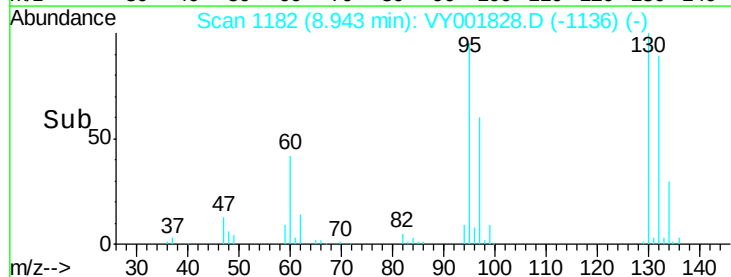
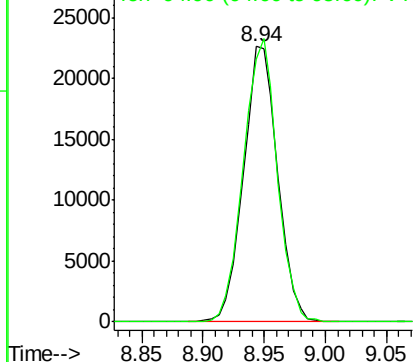


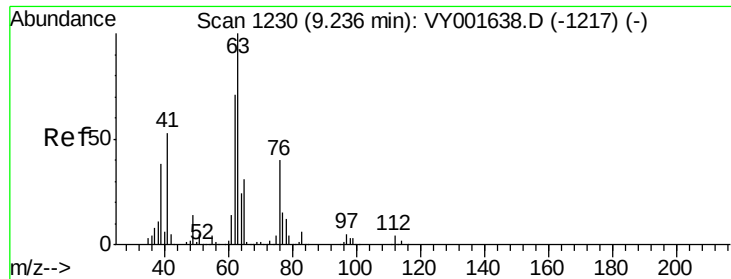
#44
Trichloroethene
Concen: 19.569 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	200.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





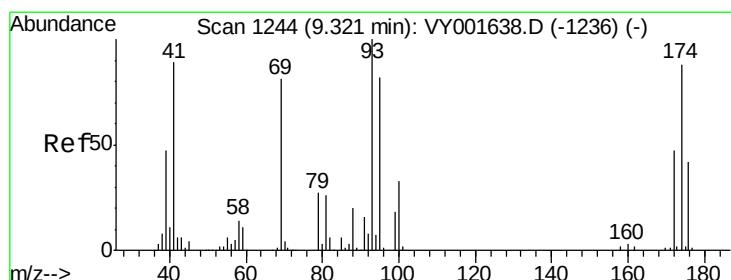
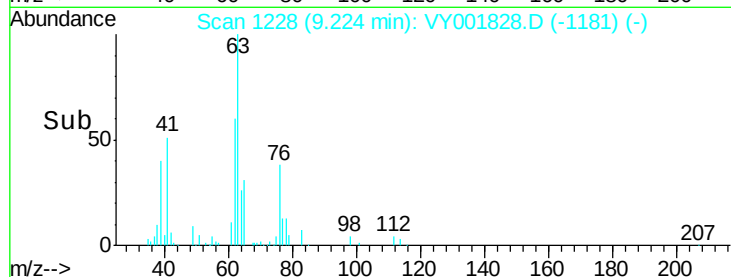
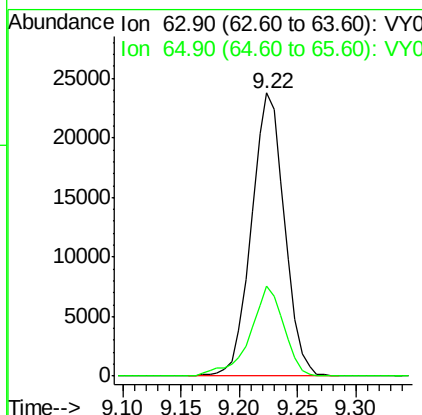
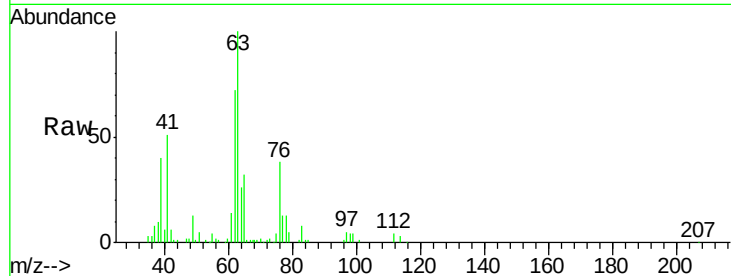
#45
 1,2-Dichloropropane
 Concen: 20.894 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion: 63 Resp: 46978
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0

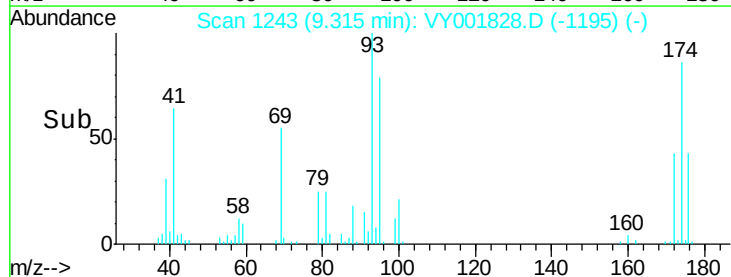
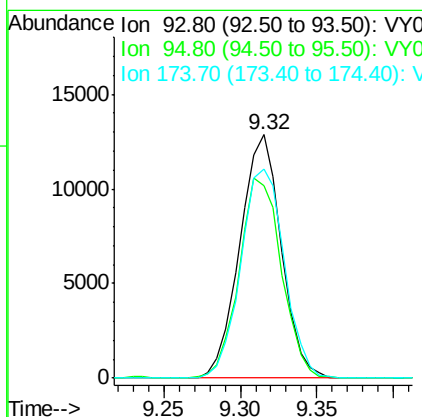
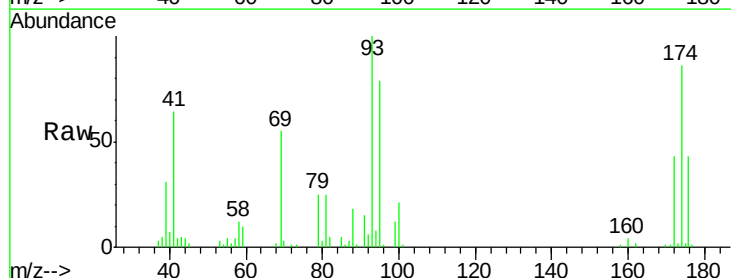
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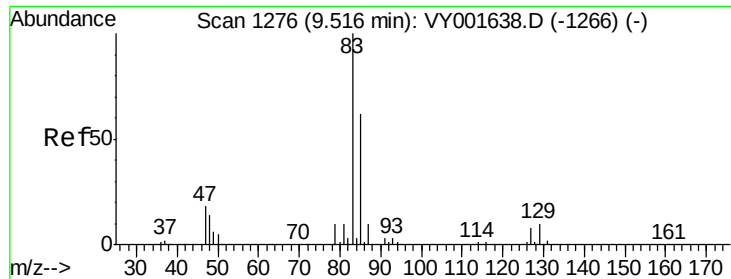
MMDadoda
 3/4/2020 2:02:01 PM



#46
 Dibromomethane
 Concen: 20.565 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion: 93 Resp: 24184
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.1 99.1
 174 90.2 72.5 108.7





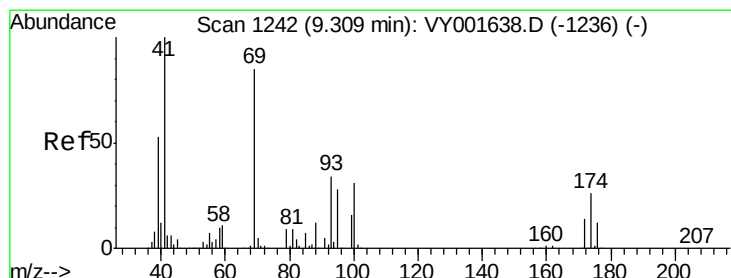
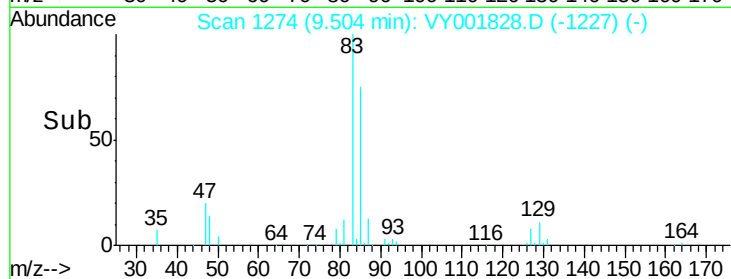
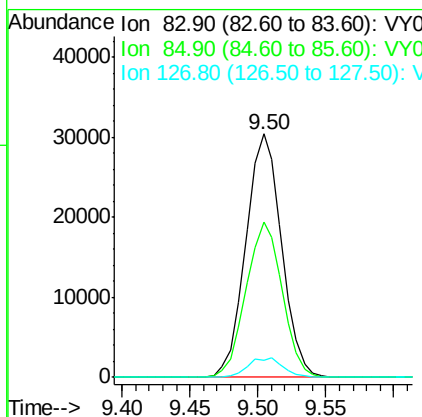
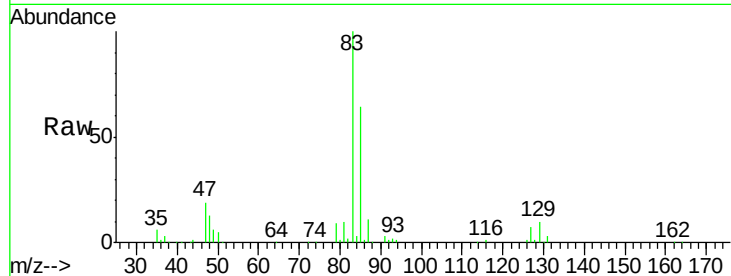
#47
Bromodichloromethane
Concen: 19.761 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	56085		
85	63.6		51.4	77.0
127	7.1		6.4	9.6

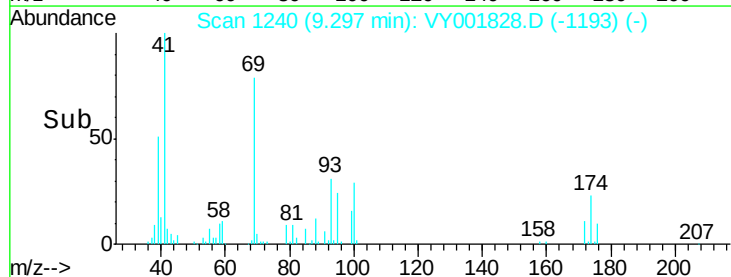
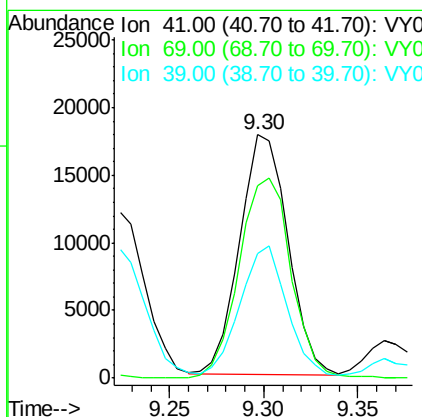
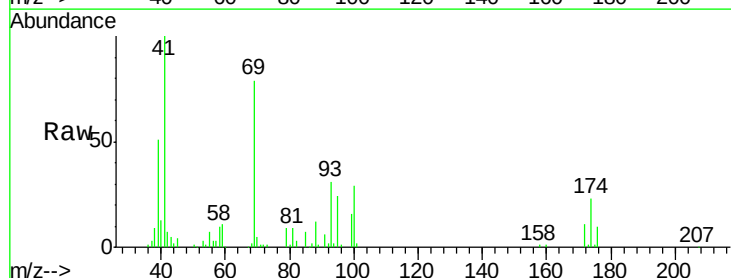
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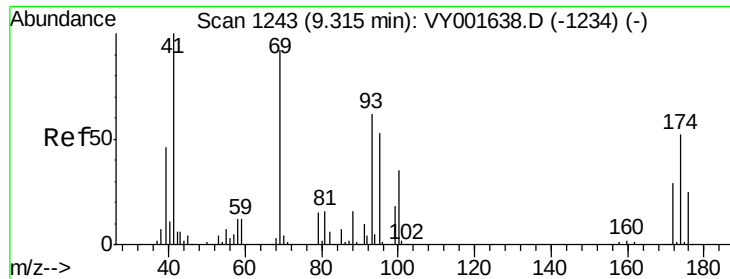
MMDadoda
3/4/2020 2:02:01 PM



#48
Methyl methacrylate
Concen: 20.199 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	31578		
69	89.6		70.7	106.1
39	54.6		42.2	63.2





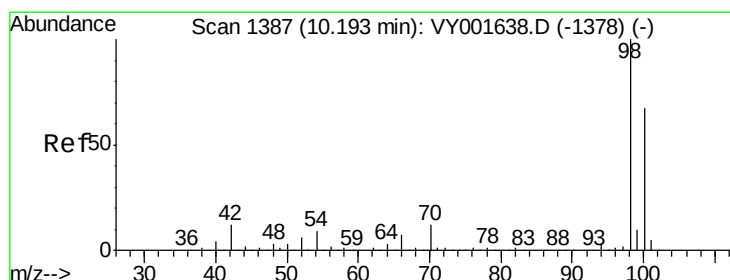
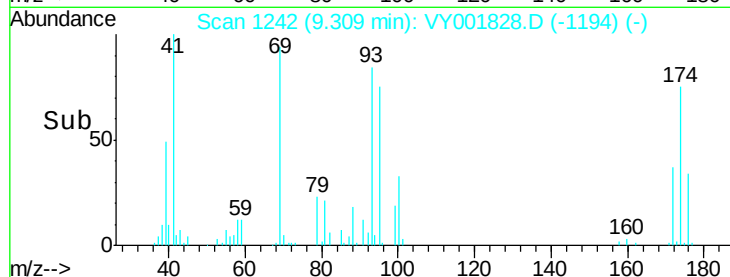
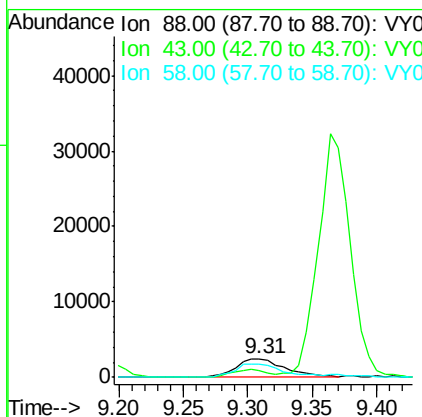
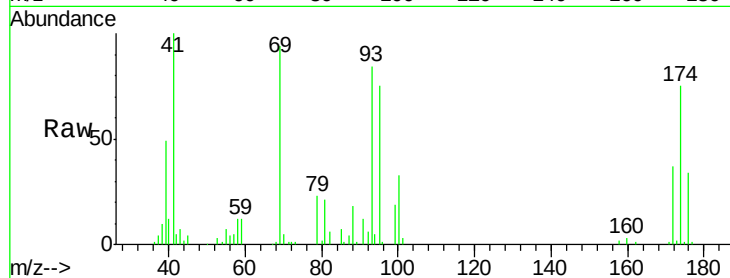
#49
1,4-Dioxane
Concen: 389.960 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.1	34.7
58	83.3	58.1	87.1

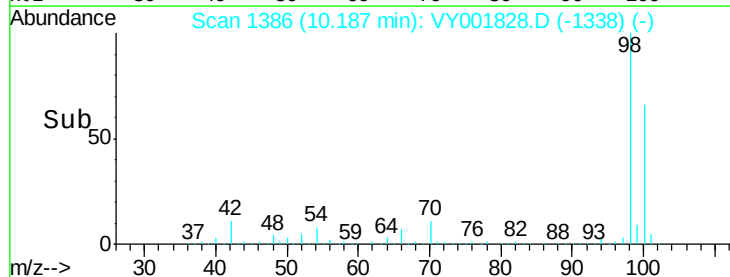
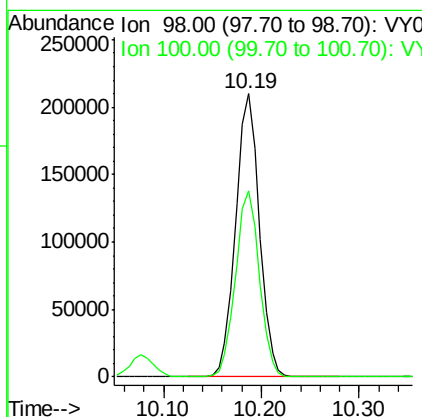
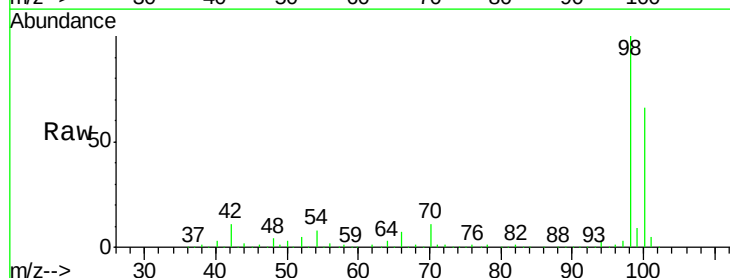
Manual Integrations
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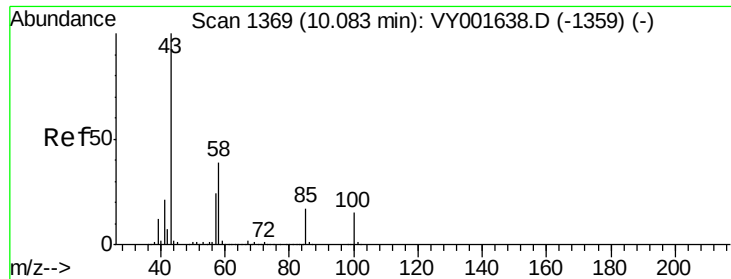
MMDadoda
3/4/2020 2:02:01 PM



#50
Toluene-d8
Concen: 49.307 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 106.533 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 43 Resp: 189209

Ion Ratio Lower Upper

43 100

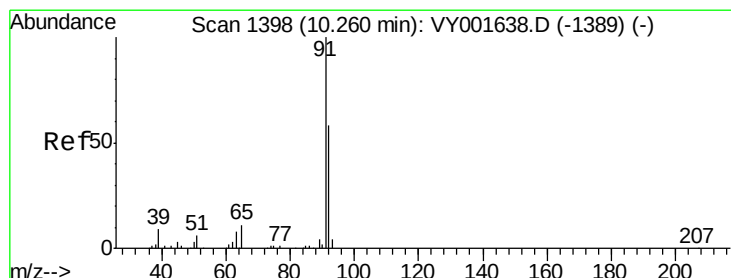
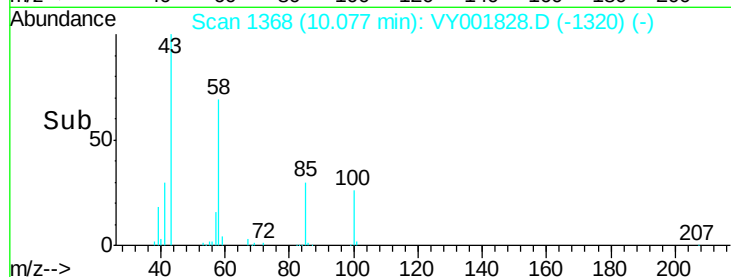
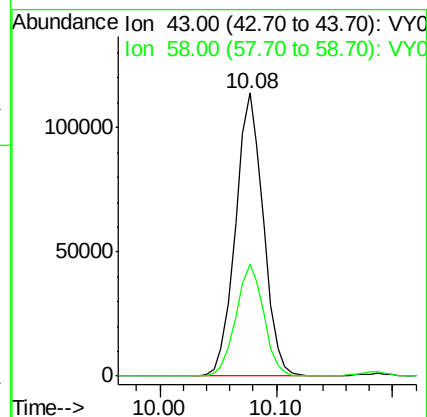
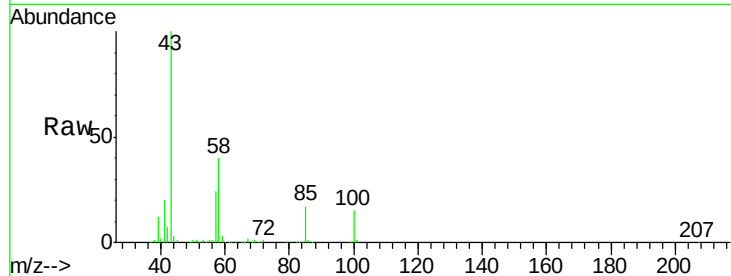
58 39.5 32.2 48.4

Manual Integrations

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#52

Toluene

Concen: 19.858 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001828.D

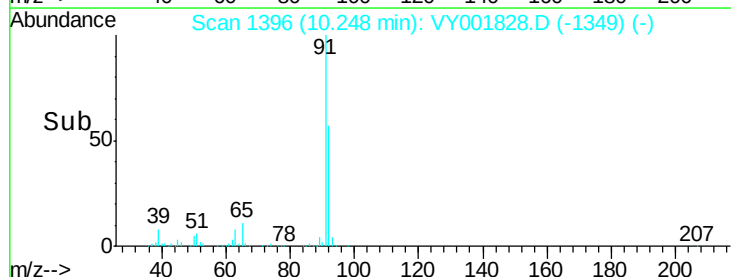
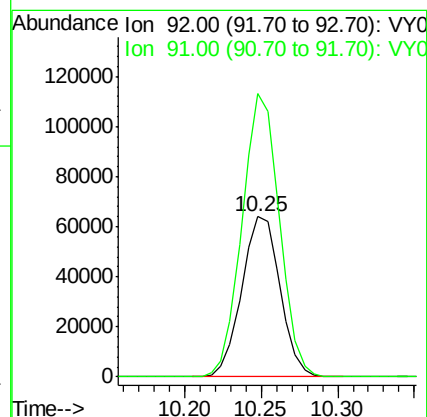
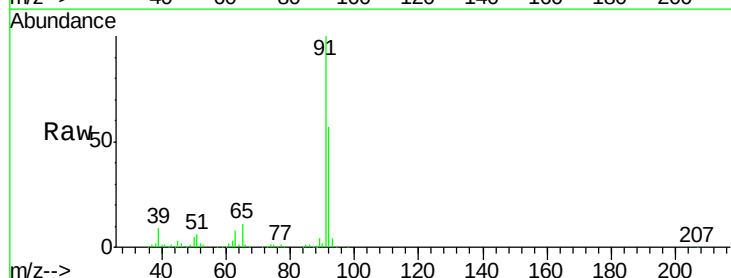
Acq: 03 Mar 2020 12:47

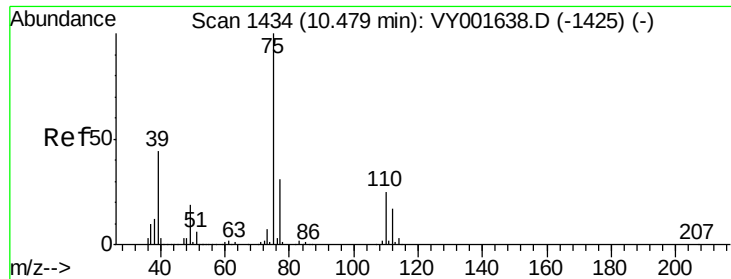
Tgt Ion: 92 Resp: 111202

Ion Ratio Lower Upper

92 100

91 172.5 137.0 205.6





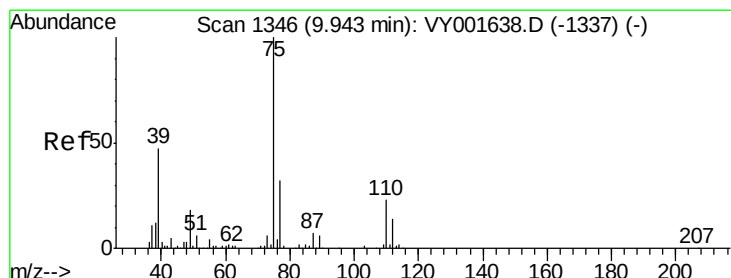
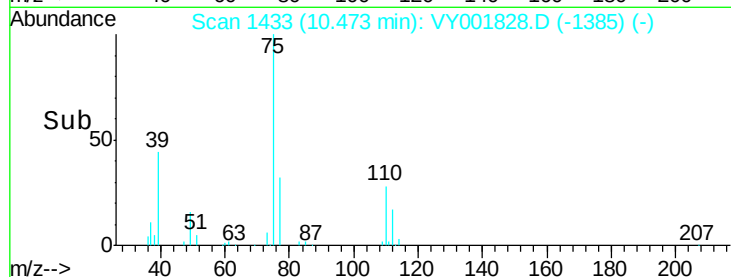
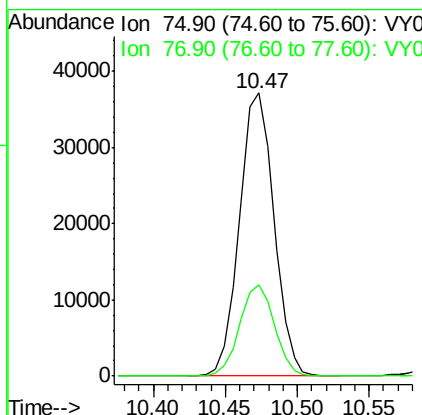
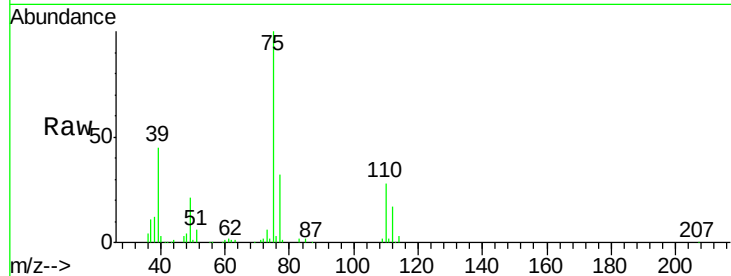
#53
t-1,3-Dichloropropene
Concen: 19.697 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion: 75 Resp: 61801
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8

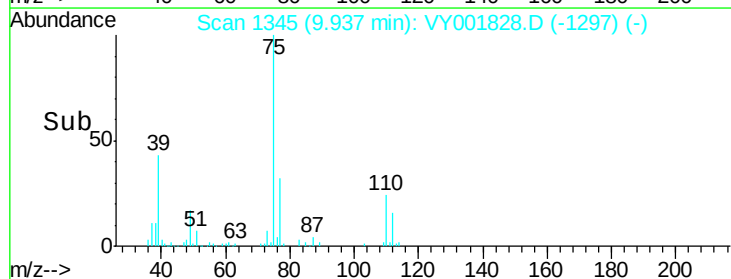
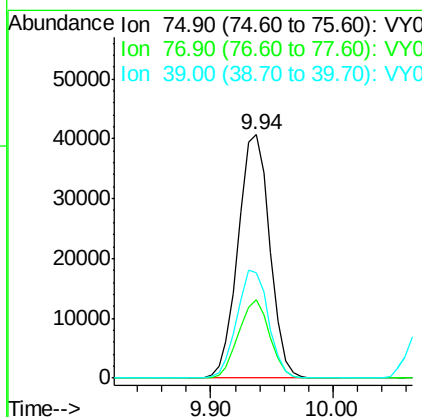
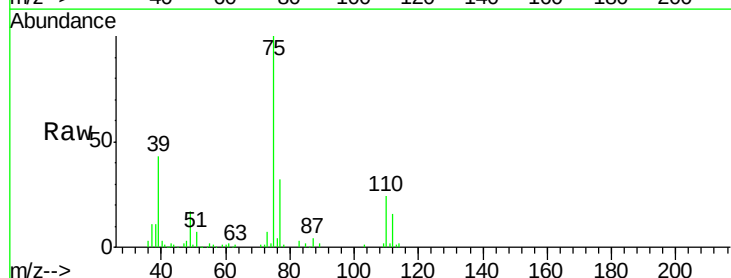
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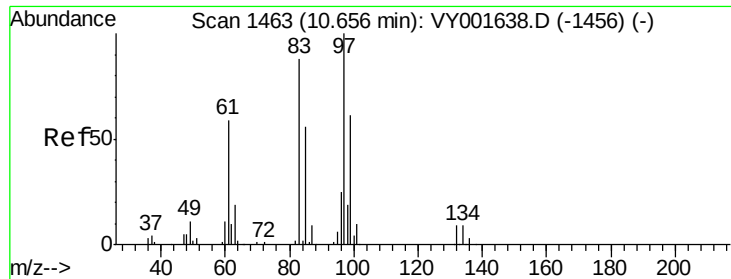
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.241 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion: 75 Resp: 73095
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 43.4 35.7 53.5





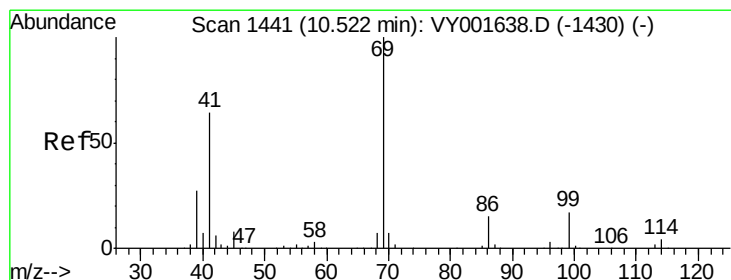
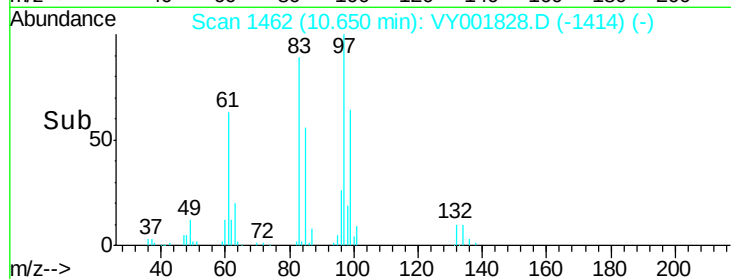
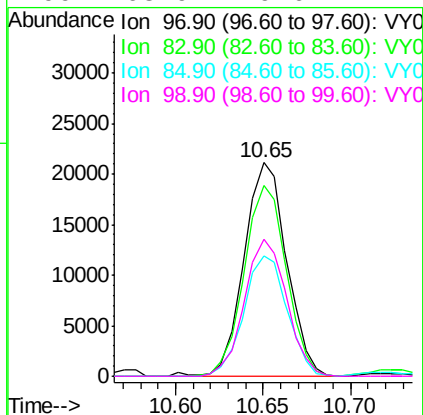
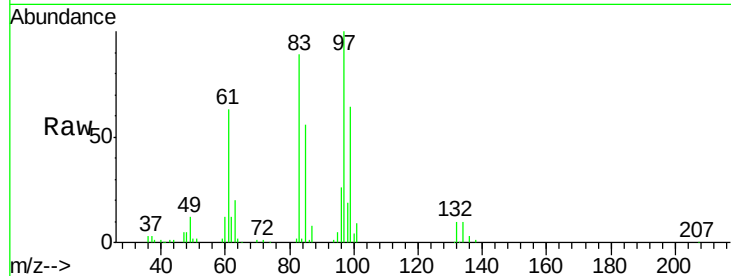
#55
 1,1,2-Trichloroethane
 Concen: 20.590 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion:	97	Resp:	35704
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.7	104.5
85	56.2	44.5	66.7
99	63.9	49.6	74.4

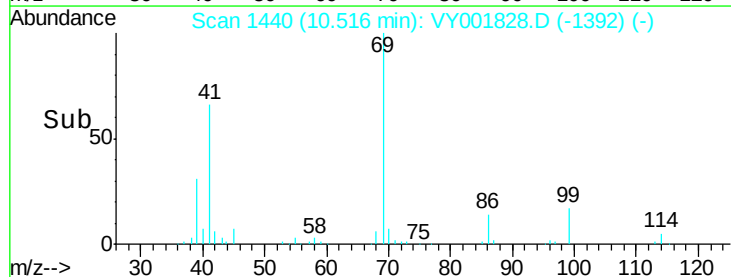
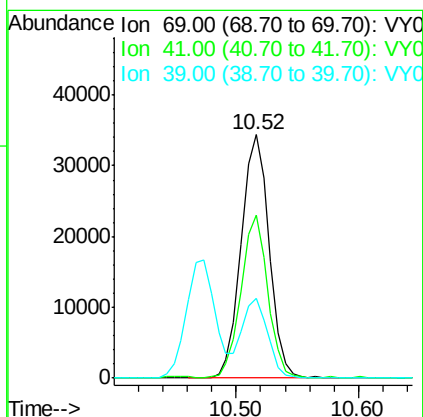
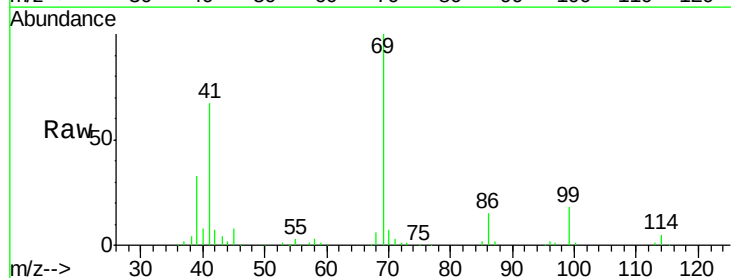
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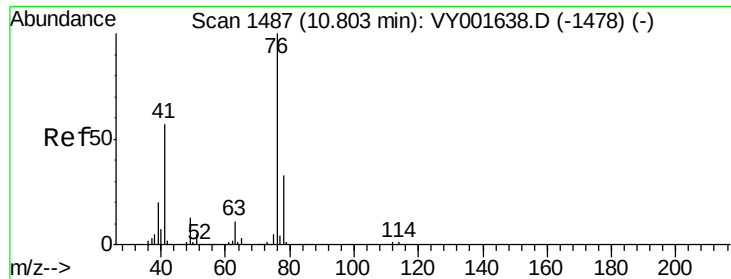
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 20.956 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion:	69	Resp:	54514
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.0	76.4
39	29.6	24.7	37.1





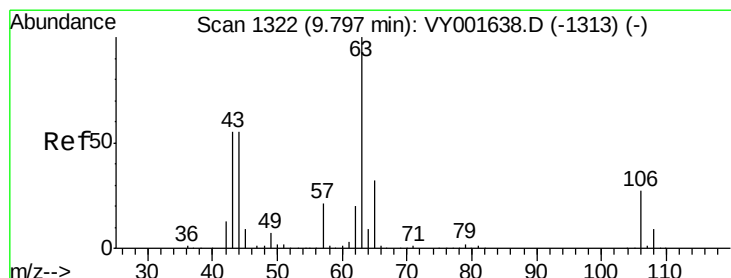
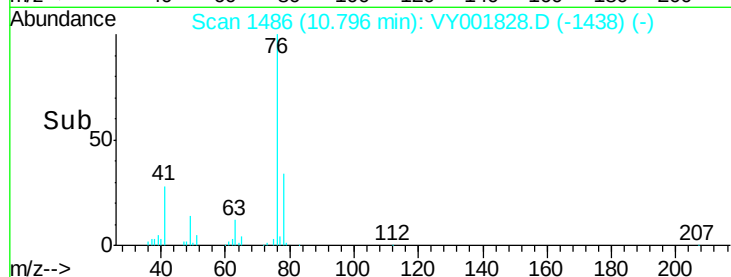
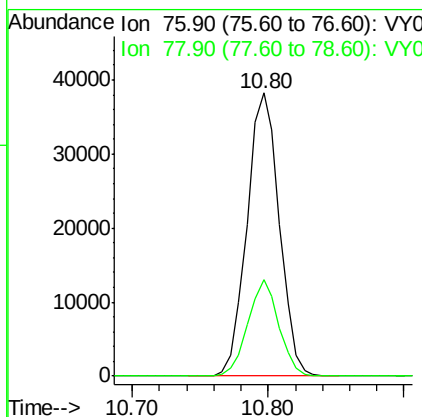
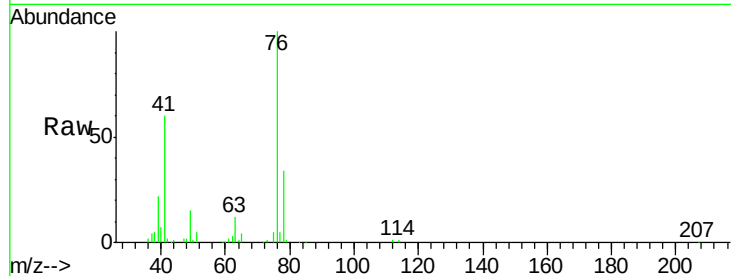
#57
 1,3-Dichloropropane
 Concen: 20.675 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

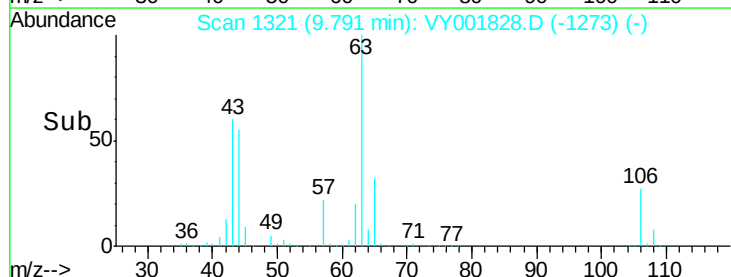
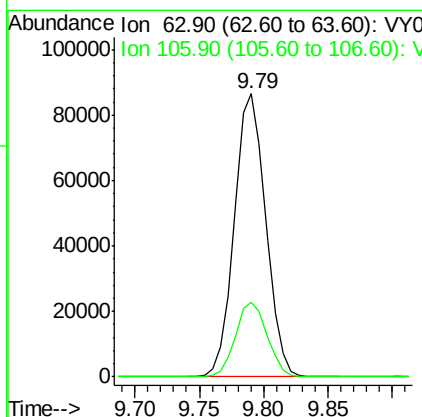
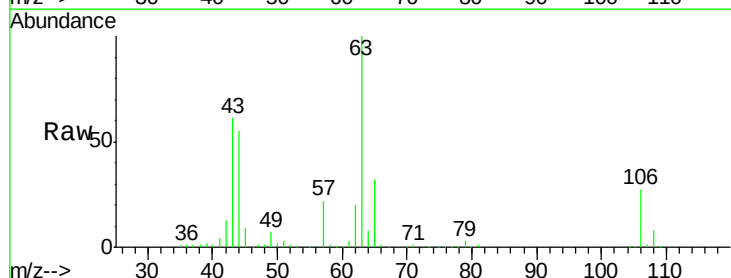
Manual Integrations
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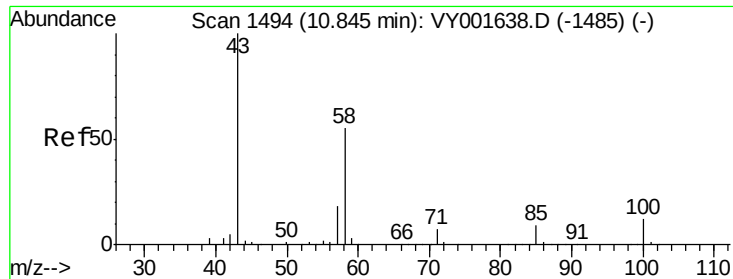
MMDadoda
 3/4/2020 2:02:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 141.026 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.8	21.6	32.4





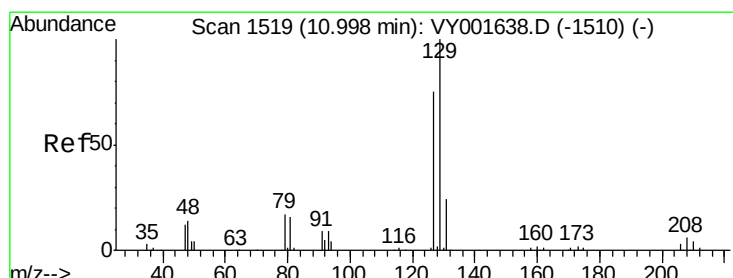
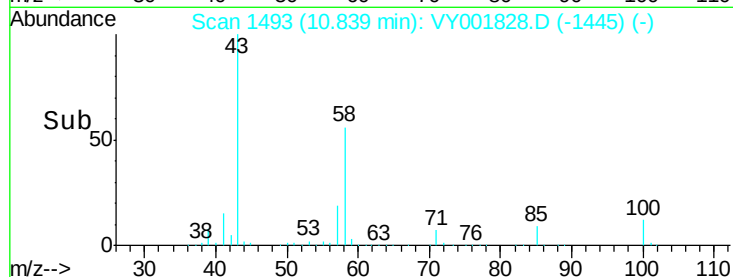
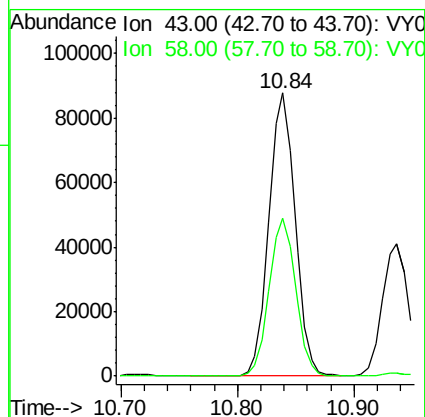
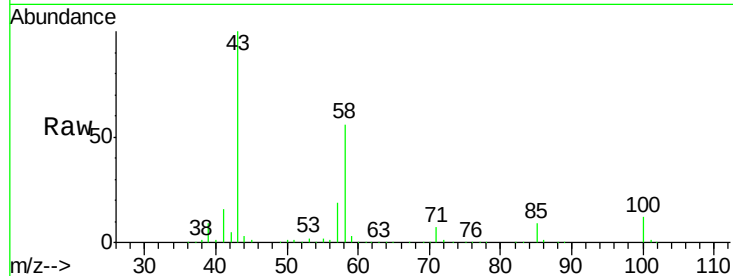
#59
2-Hexanone
Concen: 102.574 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion: 43 Resp: 136691
Ion Ratio Lower Upper
43 100
58 56.4 28.4 85.2

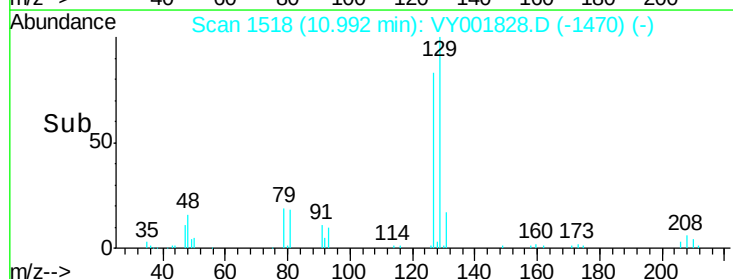
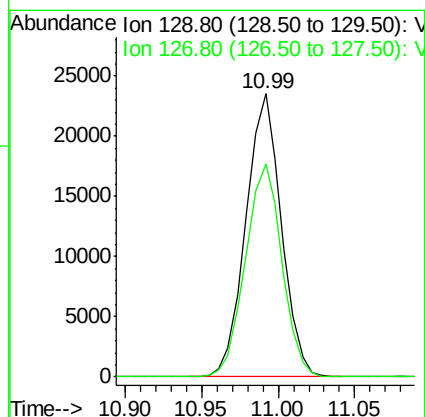
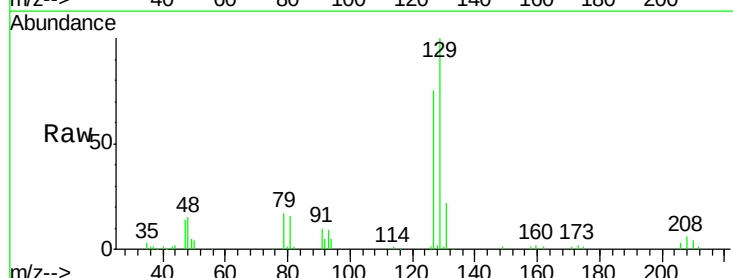
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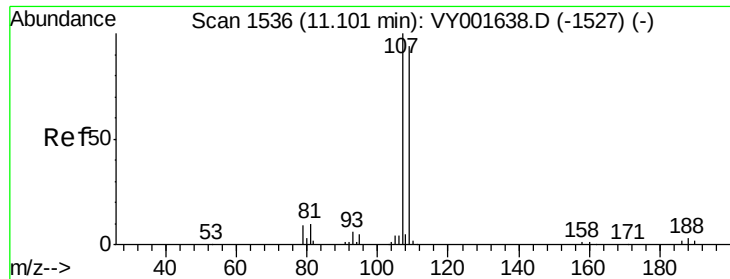
MMDadoda
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#60
Dibromochloromethane
Concen: 19.803 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion: 129 Resp: 37858
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





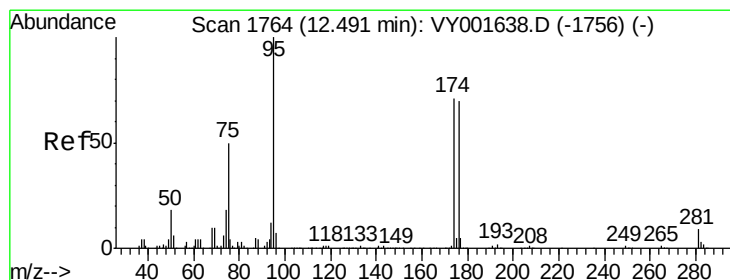
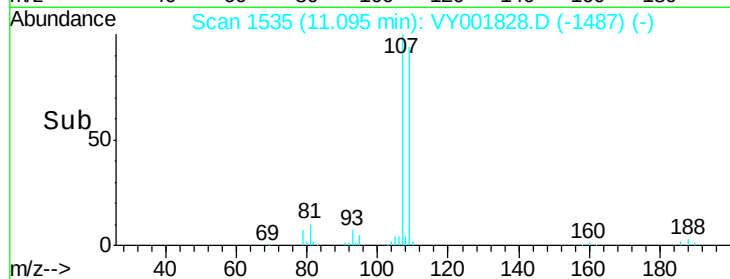
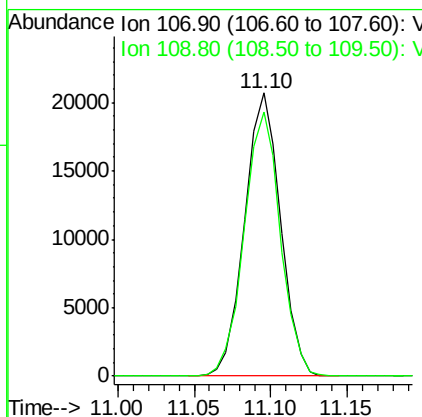
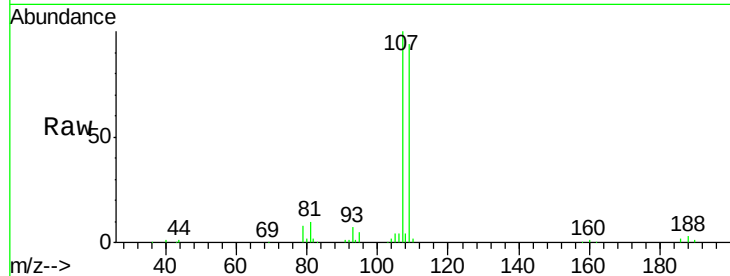
#61
 1,2-Dibromoethane
 Concen: 20.555 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.2	111.4

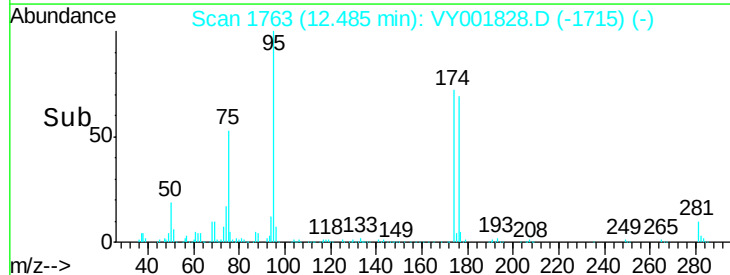
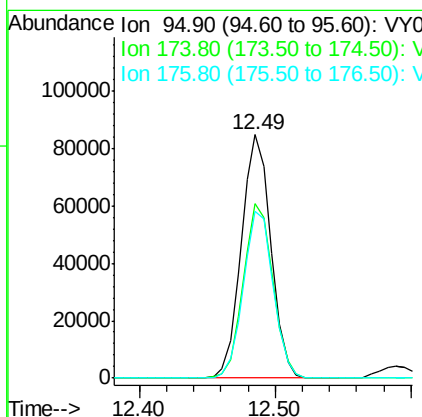
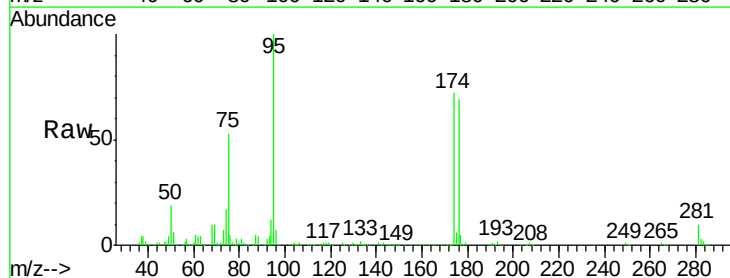
Manual Integrations
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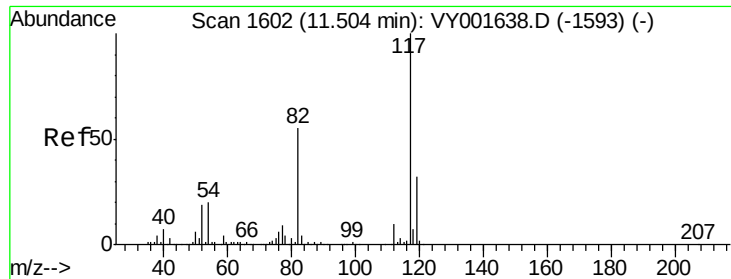
MMDadoda
 3/4/2020 2:02:01 PM



#62
 4-Bromofluorobenzene
 Concen: 46.091 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	138.4
176	69.6	0.0	131.8





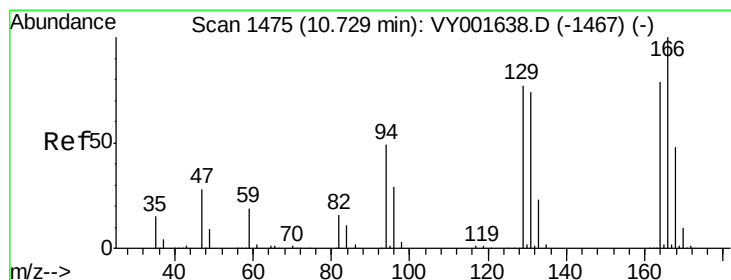
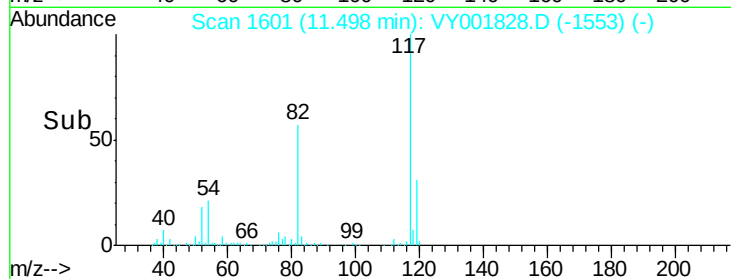
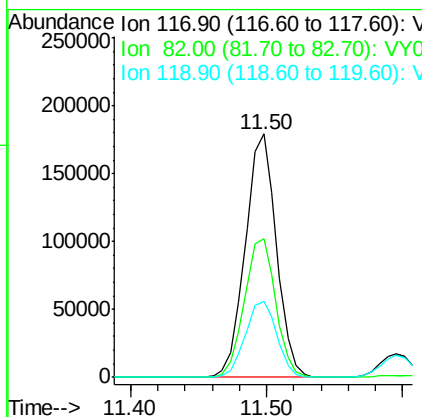
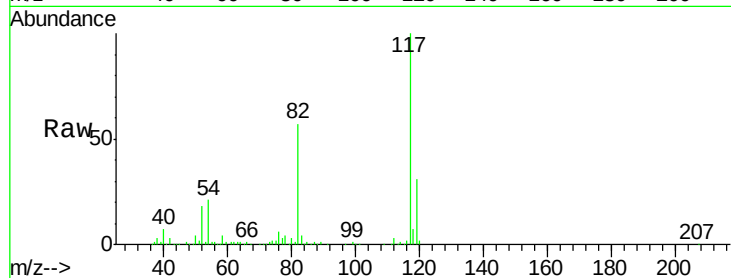
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	286953		
82	57.2		45.5	68.3
119	31.2		25.8	38.6

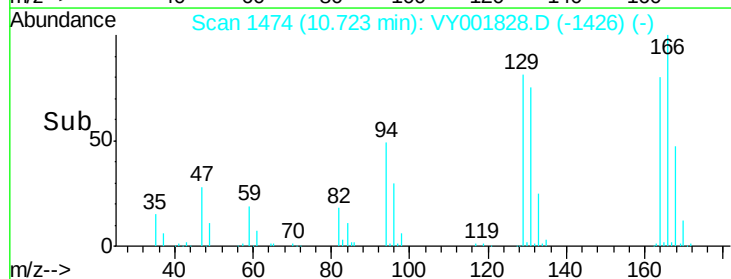
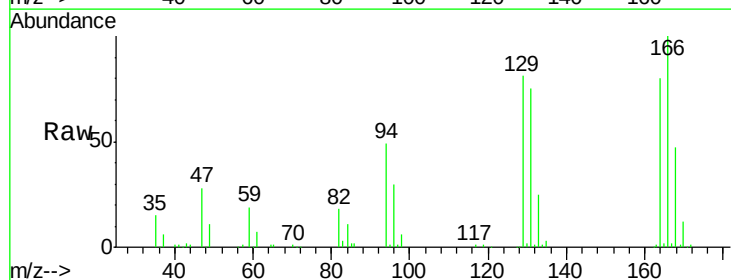
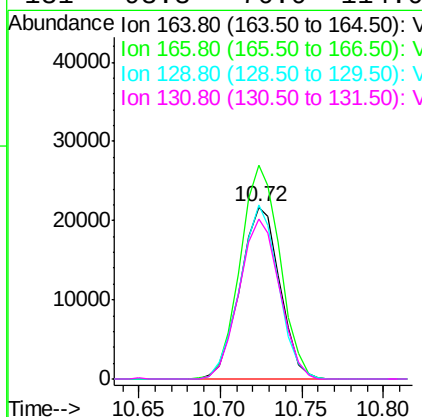
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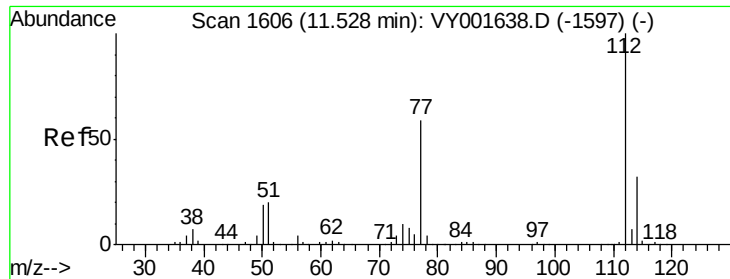
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#64
Tetrachloroethene
Concen: 20.404 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36755		
166	124.5		101.4	152.0
129	101.4		78.7	118.1
131	93.3		76.0	114.0





#65

Chlorobenzene

Concen: 20.255 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion:112 Resp: 116039

Ion Ratio Lower Upper

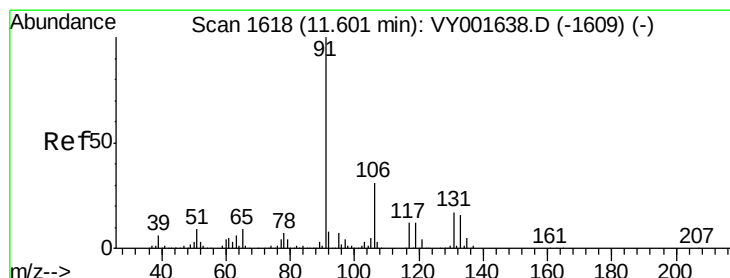
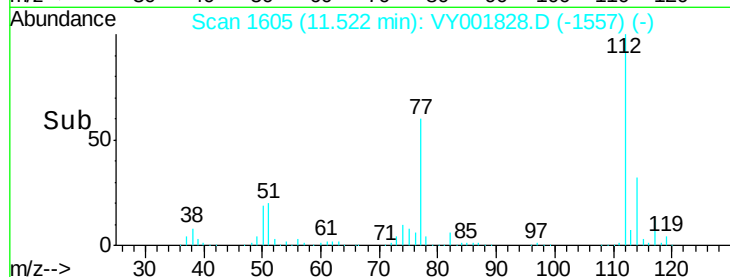
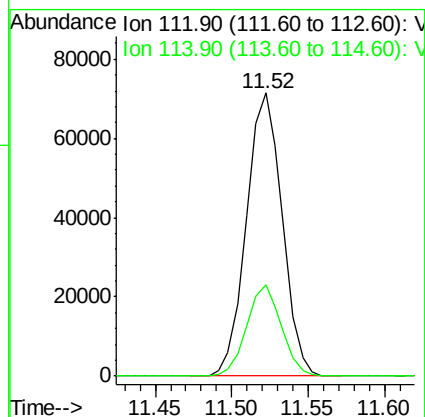
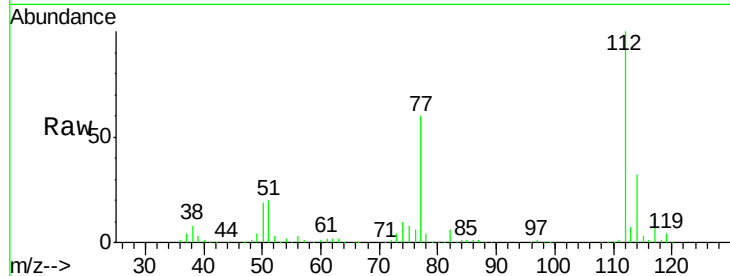
112 100

114 32.2 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.355 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

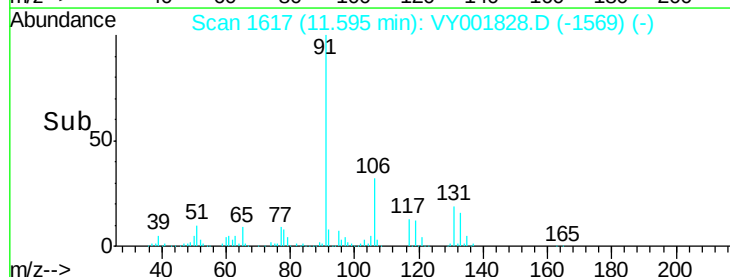
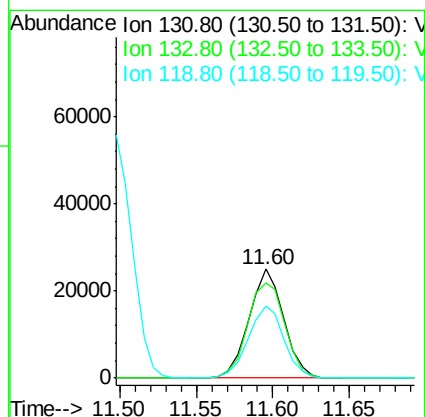
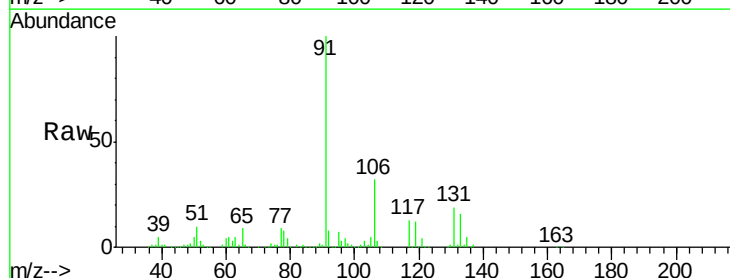
Tgt Ion:131 Resp: 39338

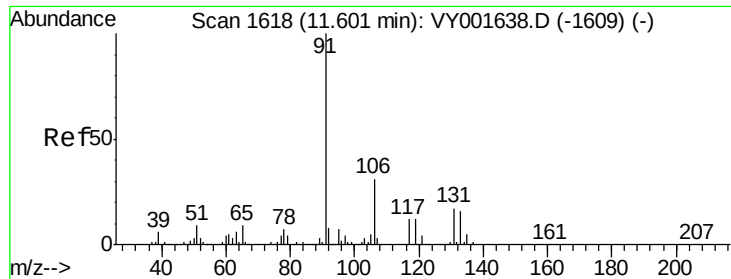
Ion Ratio Lower Upper

131 100

133 94.5 47.4 142.2

119 67.9 34.4 103.1





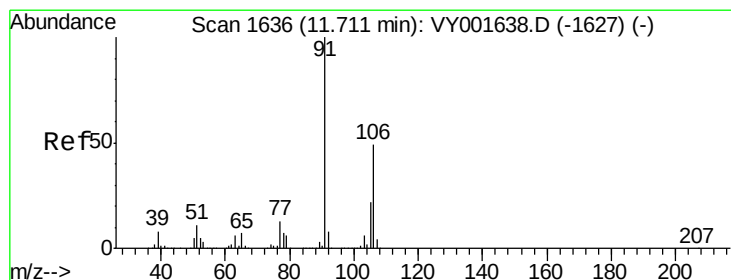
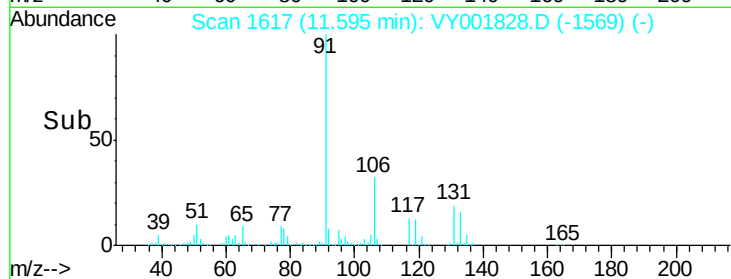
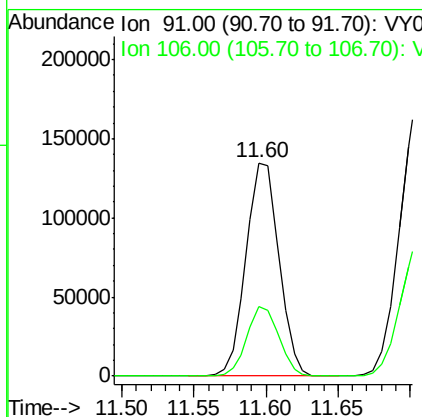
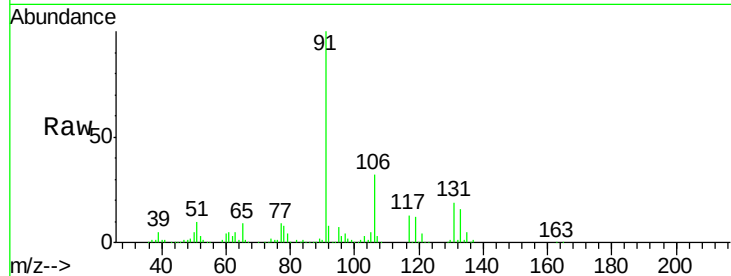
#67
Ethyl Benzene
Concen: 20.067 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	91	Resp	213350
Ion	Ratio	Lower	Upper
91	100		
106	32.4	24.5	36.7

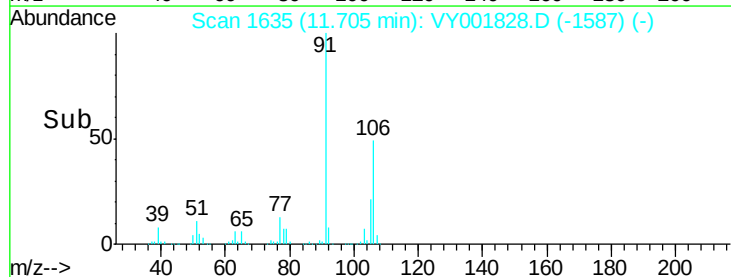
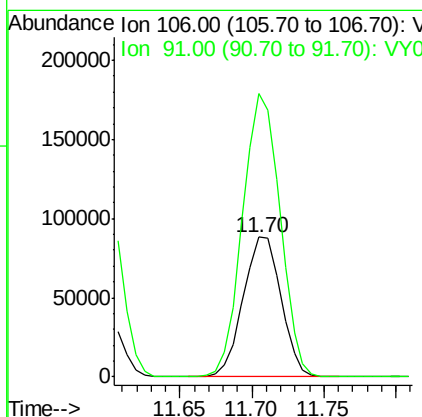
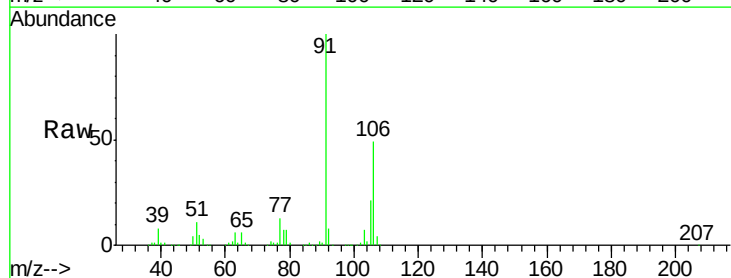
Manual Integrations
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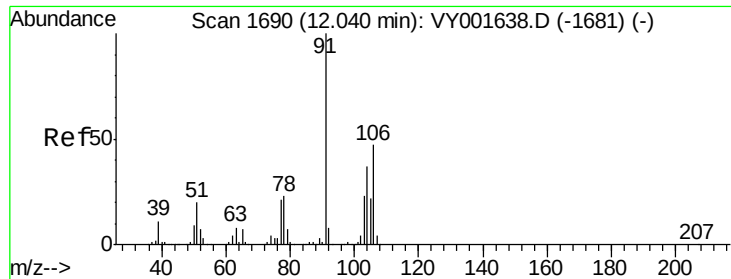
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#68
m/p-Xylenes
Concen: 40.486 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	106	Resp	160787
Ion	Ratio	Lower	Upper
106	100		
91	200.9	163.3	244.9





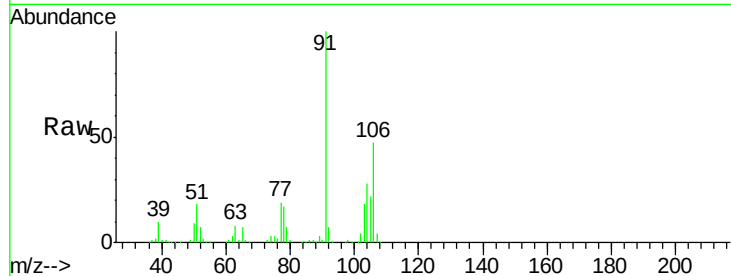
#69
o-Xylene
Concen: 20.209 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

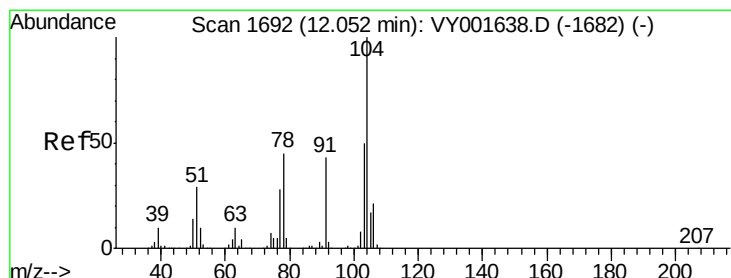
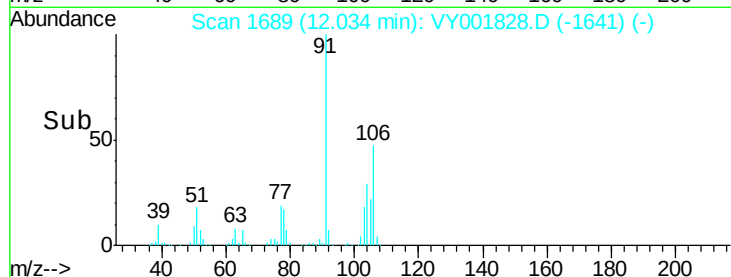
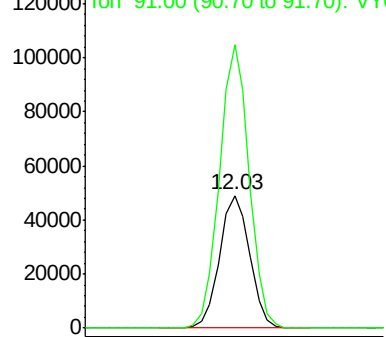
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		76299		
91	209.4	108.3	324.9		

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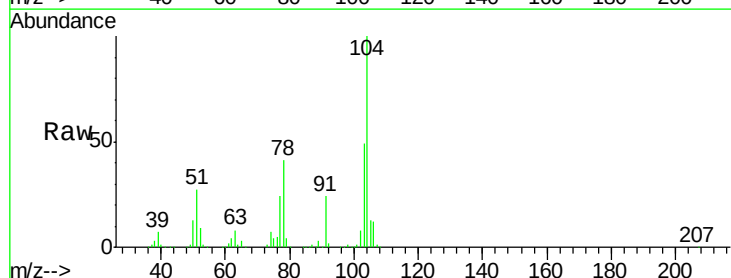


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

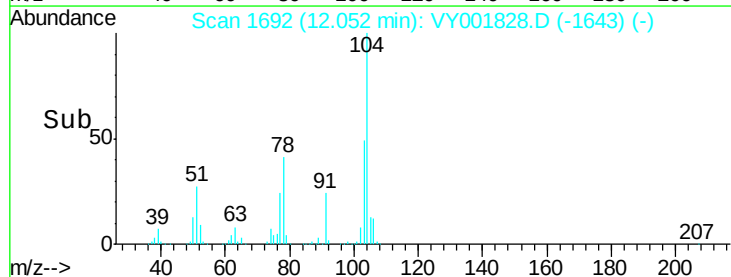
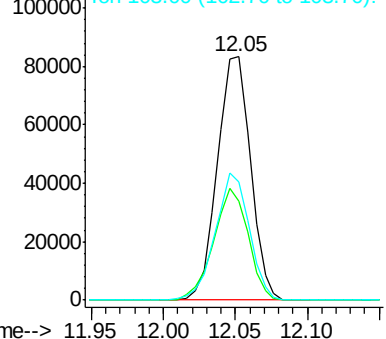


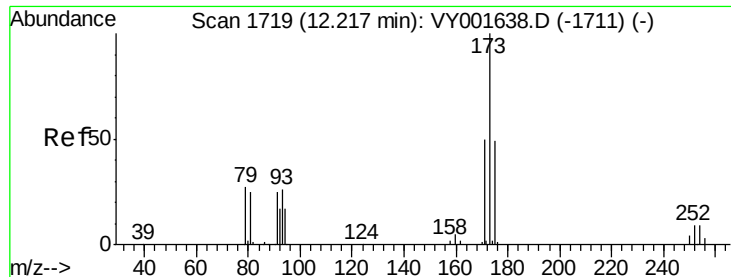
#70
Styrene
Concen: 20.235 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		132778		
78	47.8	39.2	58.8		
103	53.5	43.0	64.6		



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





#71

Bromoform

Concen: 19.842 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

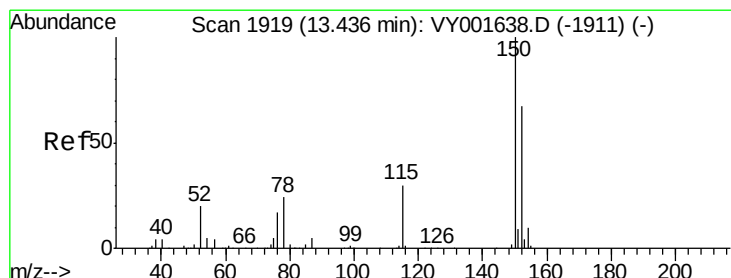
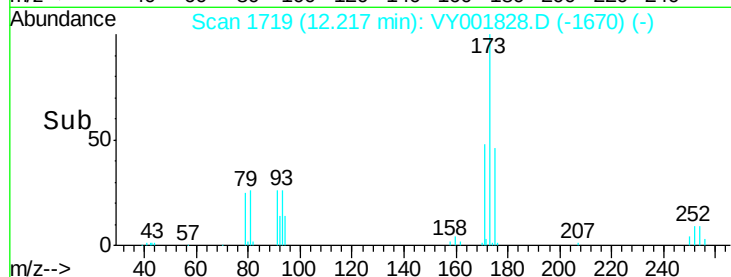
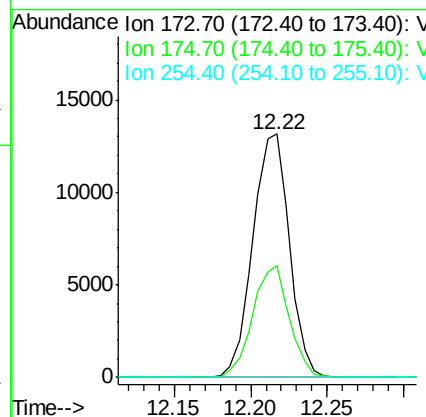
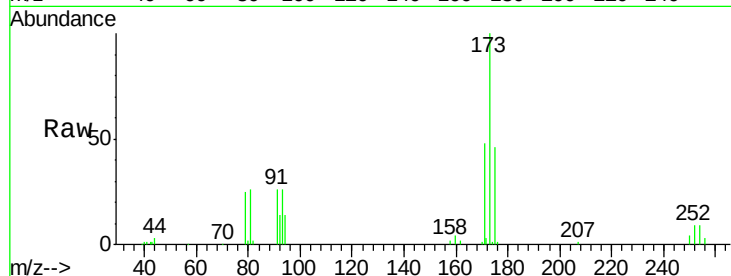
ClientSampleId :

VY0303SBS01

Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	45.7	24.3	73.0	
254	0.0	0.1	0.1	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

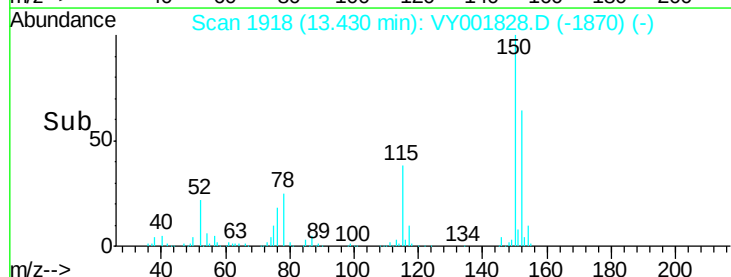
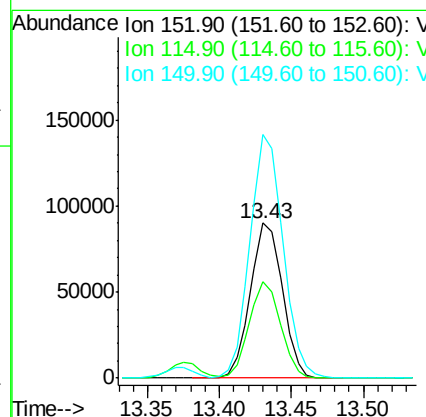
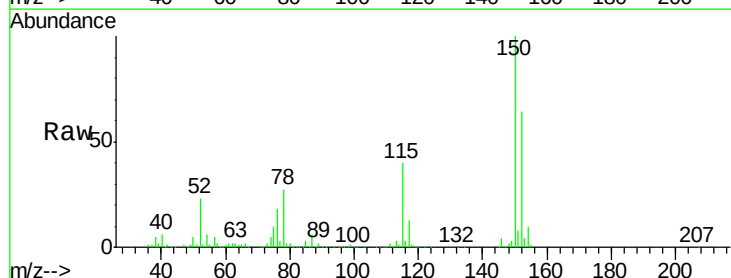
RT: 13.43 min Scan# 1918

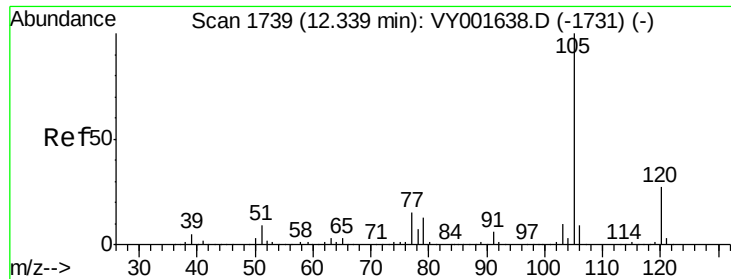
Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	61.2	31.4	94.2	
150	162.9	0.0	407.2	





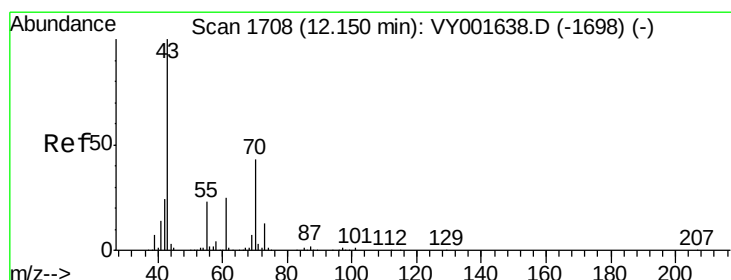
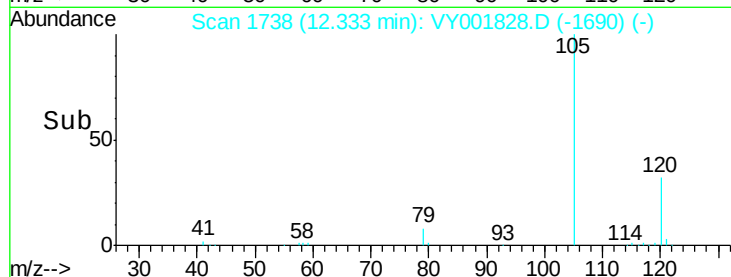
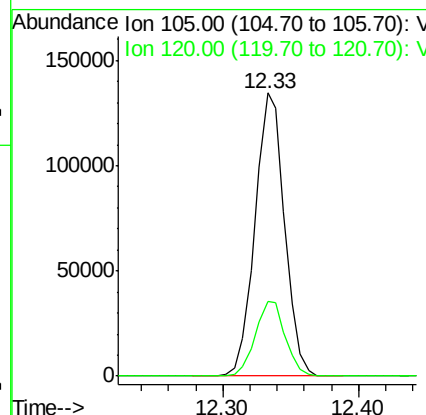
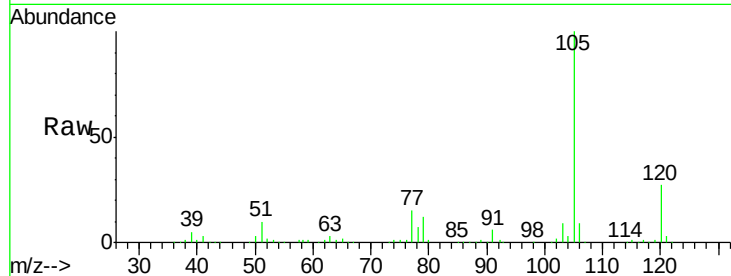
#73
Isopropylbenzene
Concen: 19.470 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.1

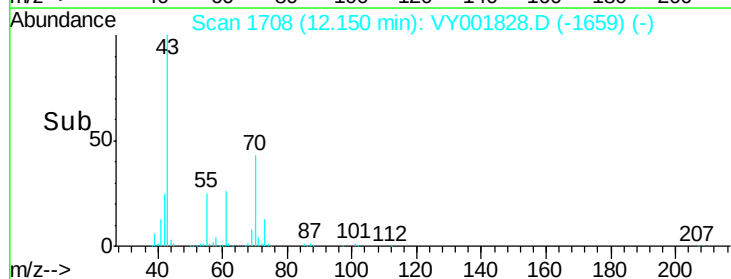
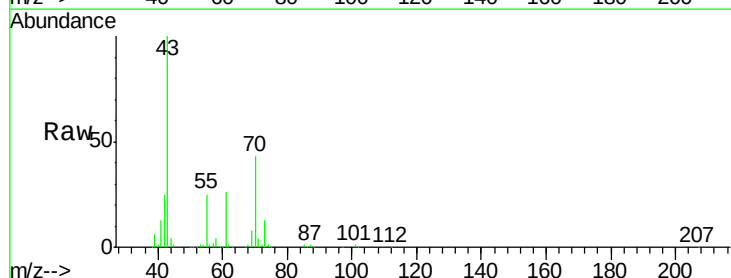
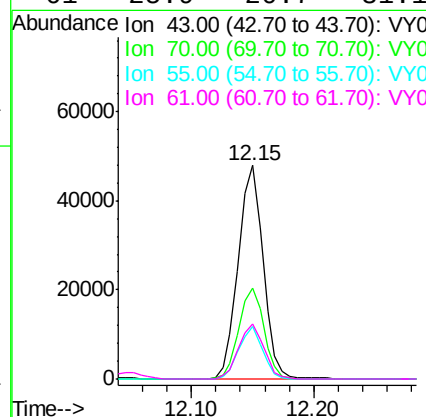
Manual Integrations
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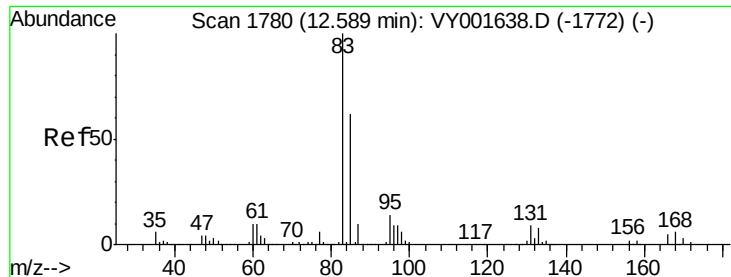
MMDadoda
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#74
N-ethyl acetate
Concen: 20.142 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	35.9	53.9
55	23.6	18.3	27.5
61	25.9	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.521 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

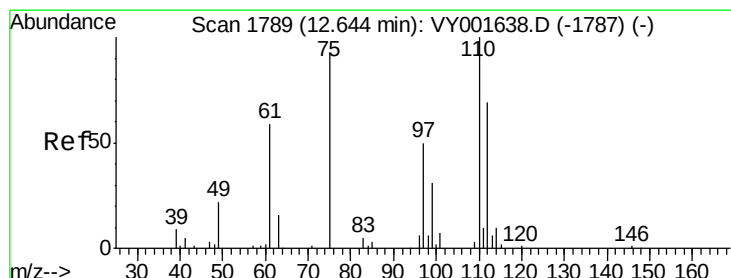
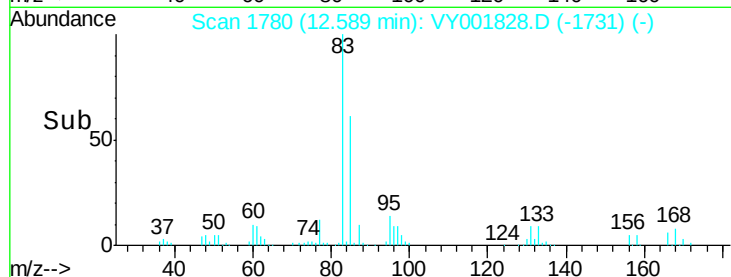
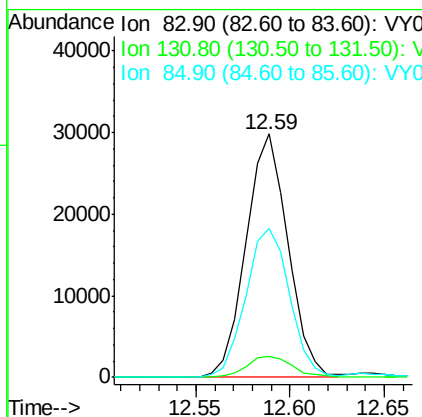
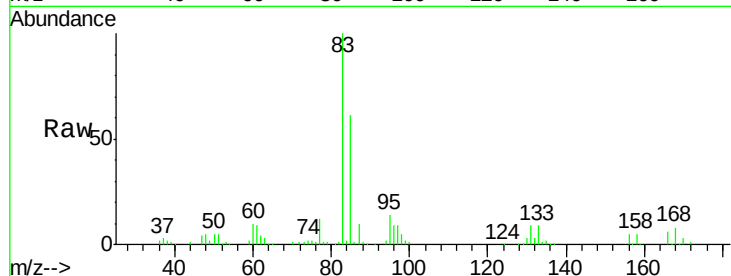
ClientSampleId :

VY0303SBS01

Tot Ion:	83	Resp:	46108
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.7	14.1
85	63.8	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.830 ug/l m

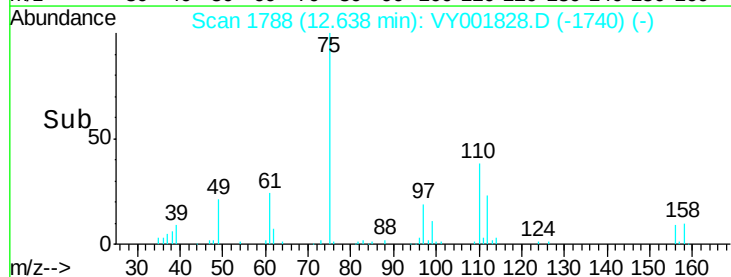
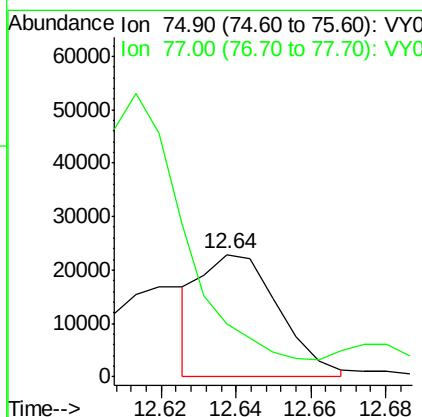
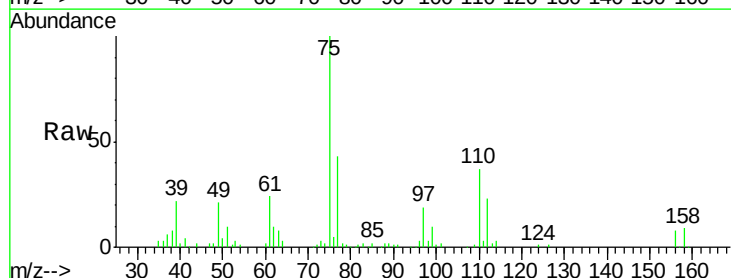
RT: 12.64 min Scan# 1788

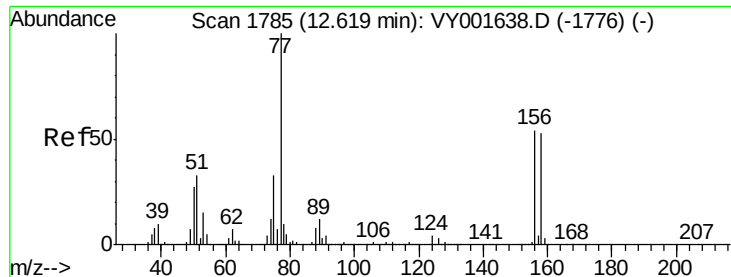
Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Tgt Ion:	75	Resp:	33005
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.393 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

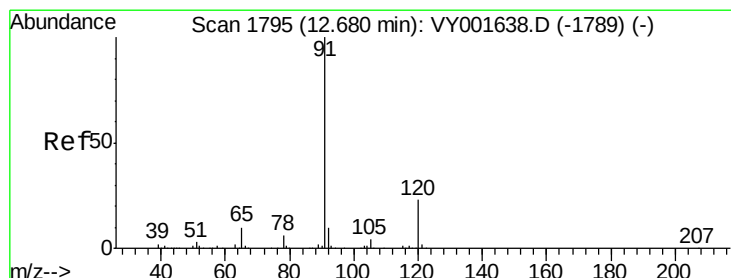
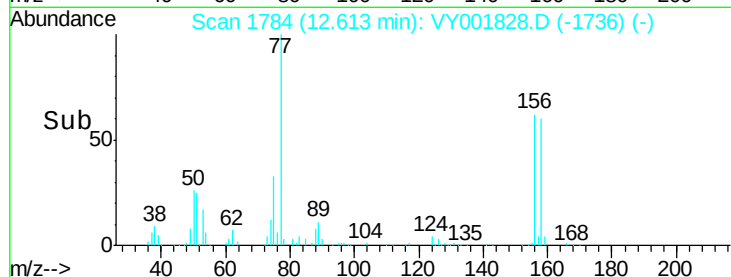
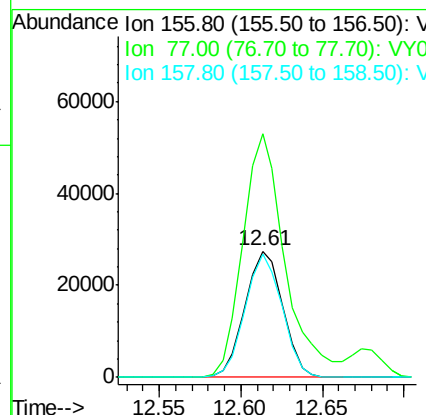
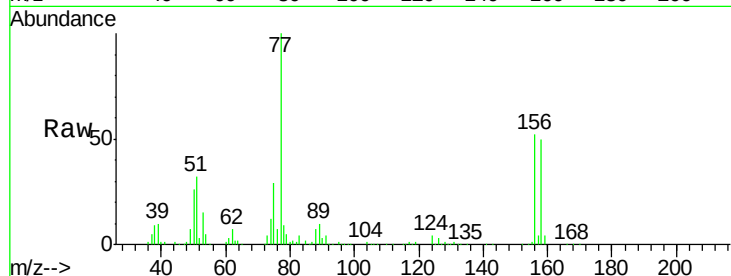
ClientSampleId :

VY0303SBS01

Tot Ion:	156	Resp:	44238
Ion	Ratio	Lower	Upper
156	100		
77	217.5	110.1	330.1
158	95.7	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 19.887 ug/l

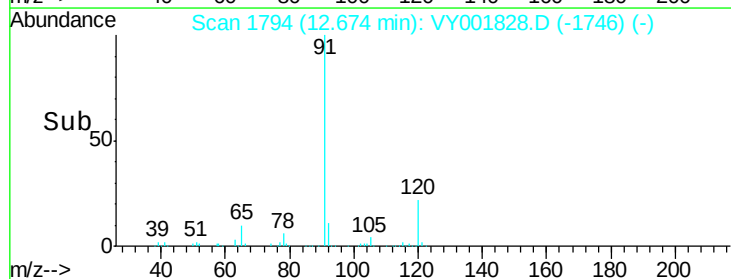
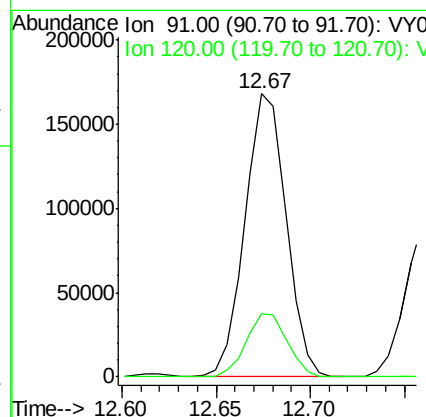
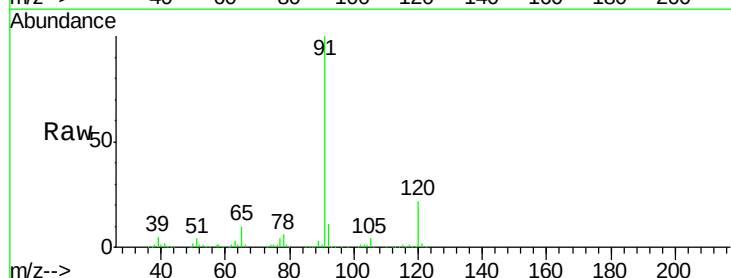
RT: 12.67 min Scan# 1794

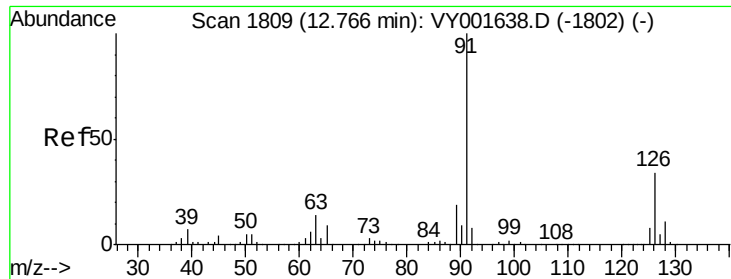
Delta R.T. -0.01 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Tgt Ion:	91	Resp:	254868
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





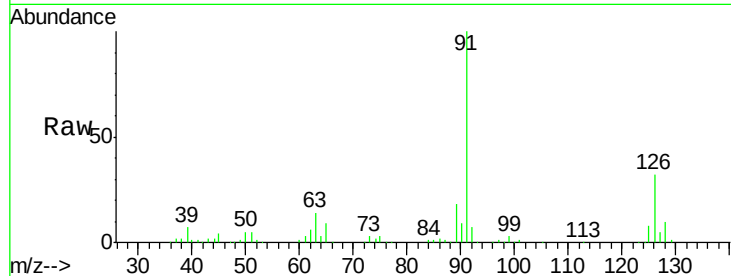
#79
2-Chlorotoluene
Concen: 19.678 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

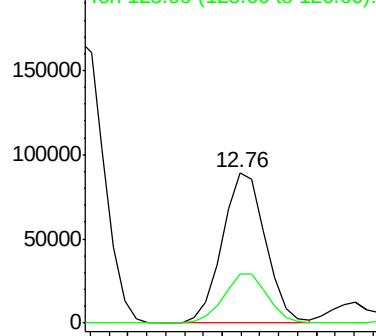
Tot Ion: 91 Resp: 141442
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

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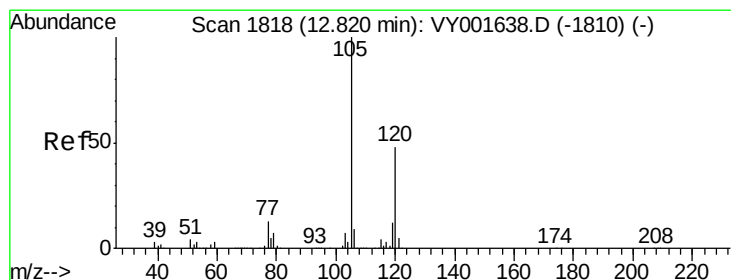
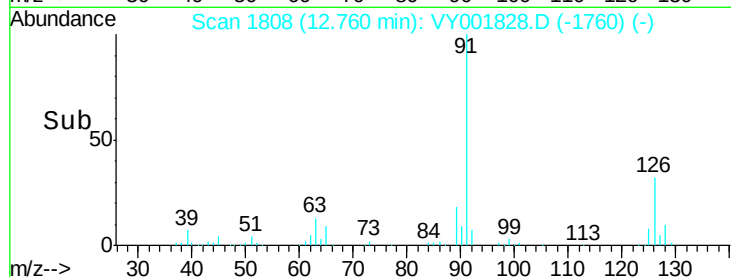
MMDadoda
3/4/2020 2:02:01 PM



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1802) (-)
Ion 125.90 (125.60 to 126.60): VY001638.D (-1802) (-)

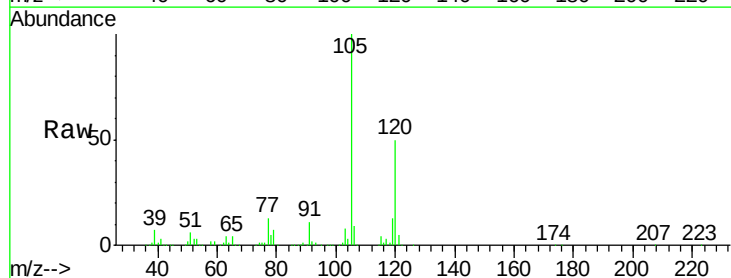


Time-->

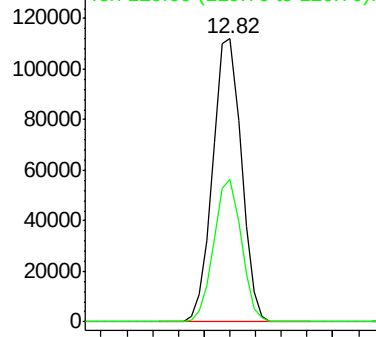


#80
1,3,5-Trimethylbenzene
Concen: 19.830 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

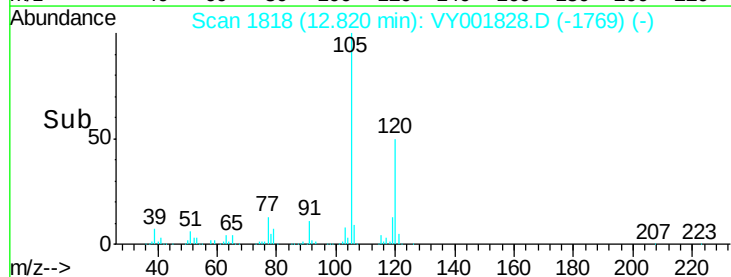
Tgt Ion: 105 Resp: 172729
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9

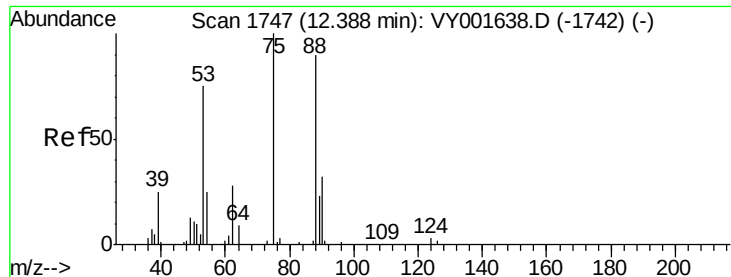


Abundance Ion 105.00 (104.70 to 105.70): VY001638.D (-1810) (-)
Ion 120.00 (119.70 to 120.70): VY001638.D (-1810) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.813 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

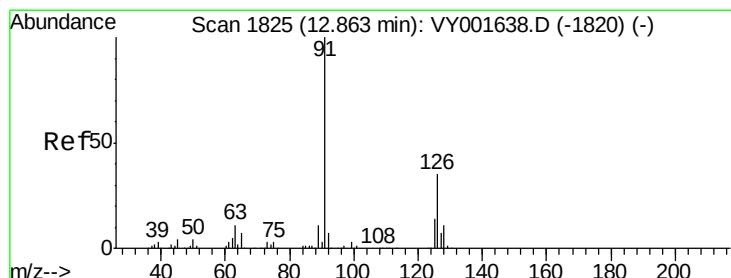
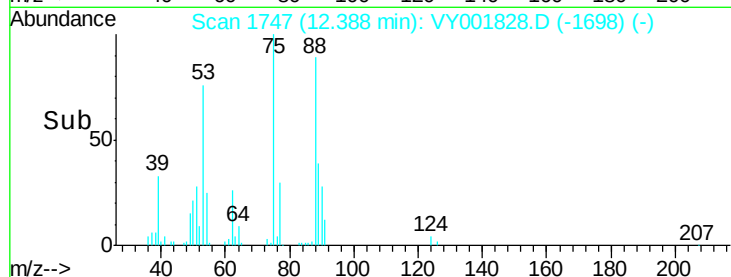
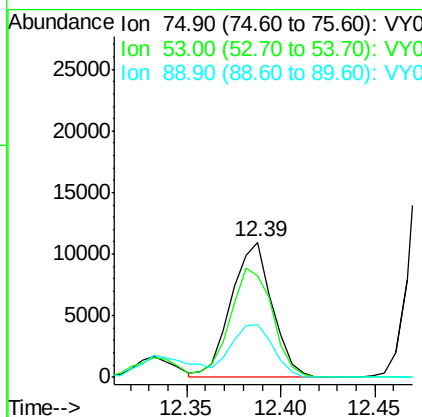
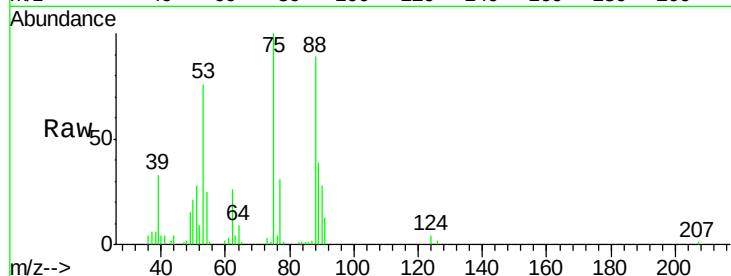
ClientSampleId :

VY0303SBS01

Tot Ion:	75	Resp:	16548
Ion	Ratio	Lower	Upper
75	100		
53	83.8	64.5	96.7
89	40.1	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.706 ug/l

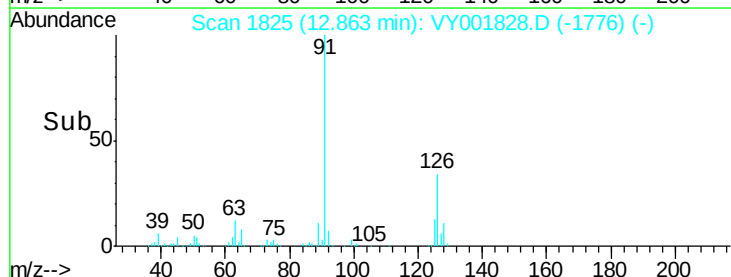
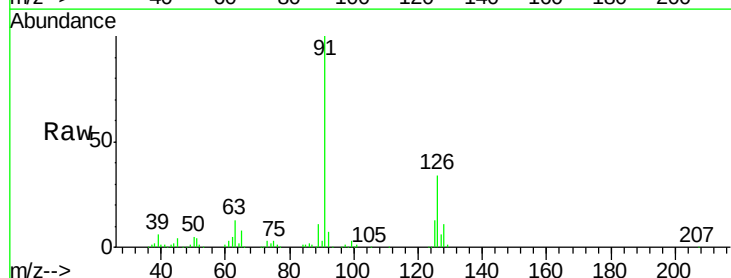
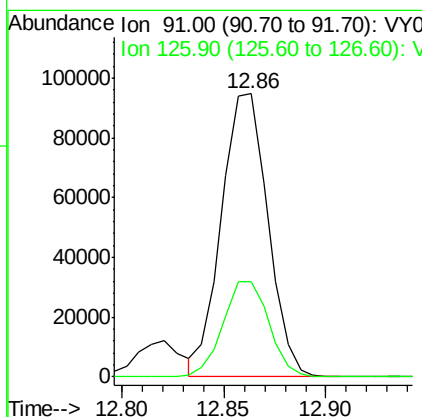
RT: 12.86 min Scan# 1825

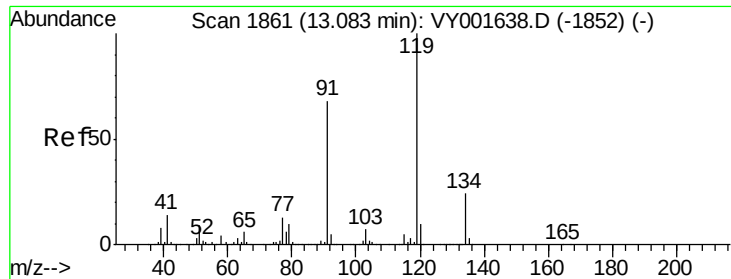
Delta R.T. 0.00 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Tgt Ion:	91	Resp:	149393
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.2	48.6





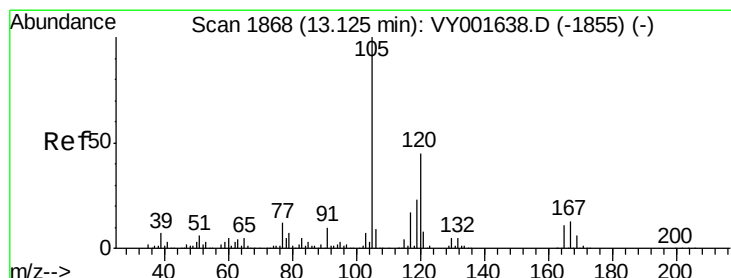
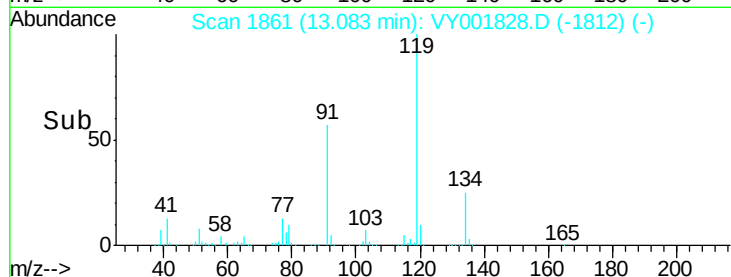
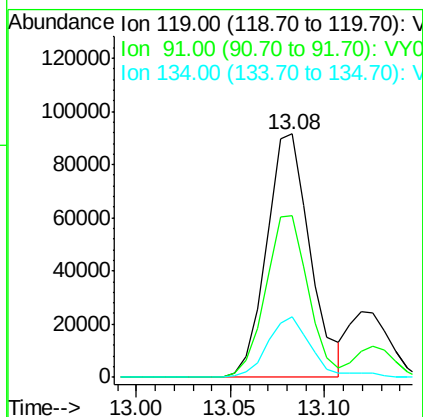
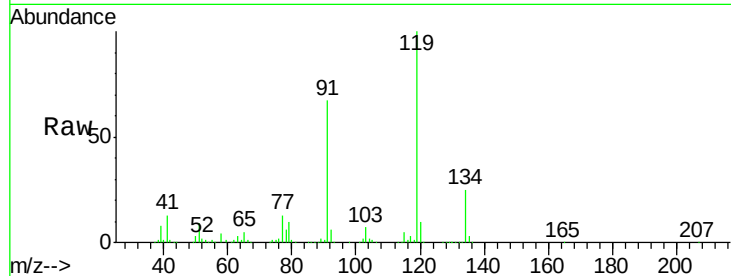
#83
 tert-Butylbenzene
 Concen: 20.164 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	146898		
91	64.8		33.5	100.5
134	25.4		13.3	39.8

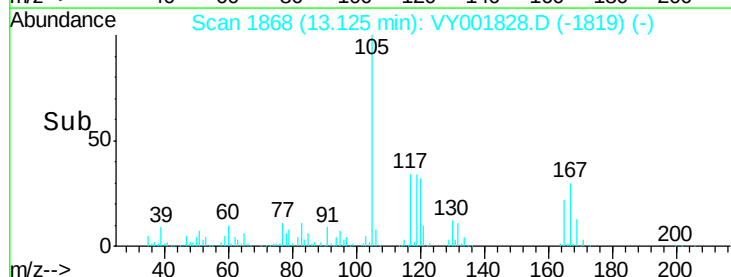
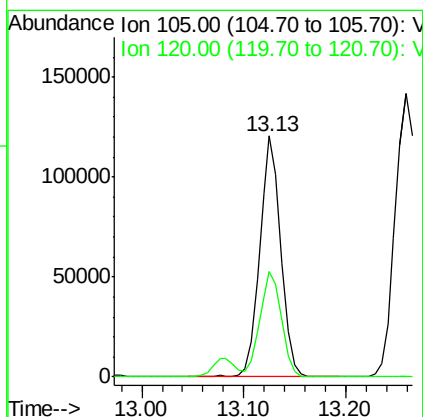
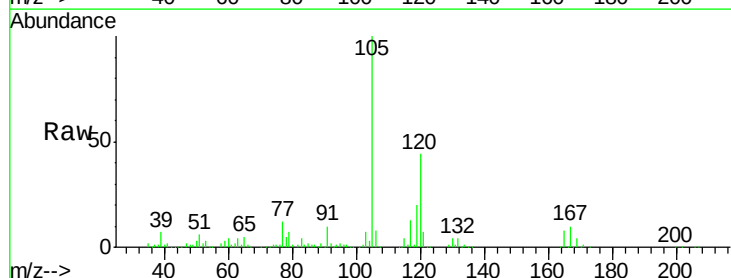
Manual Integrations
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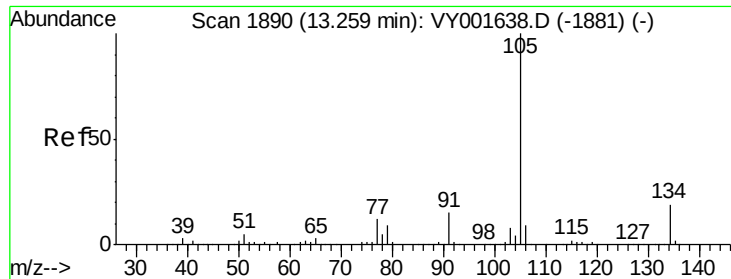
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.993 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	173620		
120	44.6		22.4	67.3





#85

sec-Butylbenzene

Concen: 19.809 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion:105 Resp: 212253

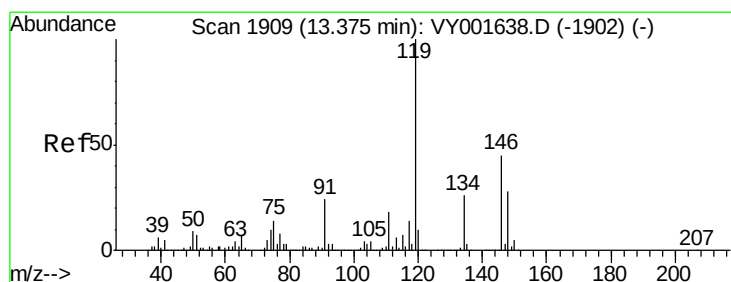
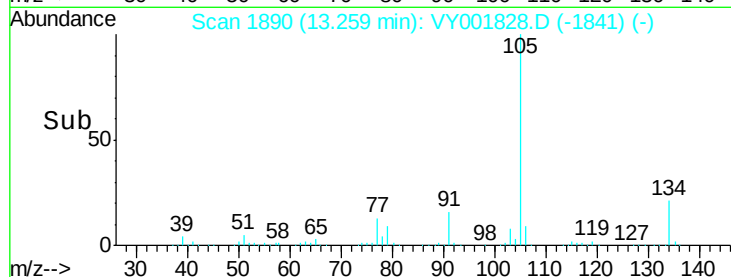
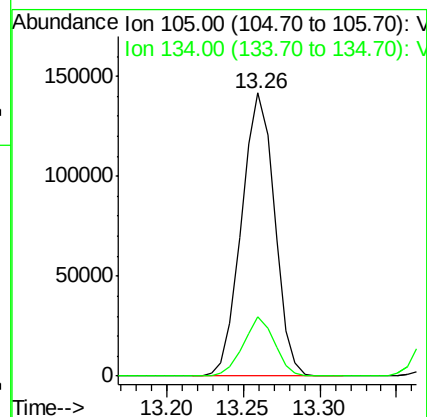
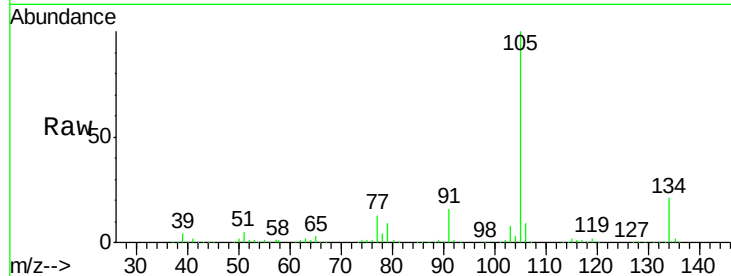
Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 19.772 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001828.D

Acq: 03 Mar 2020 12:47

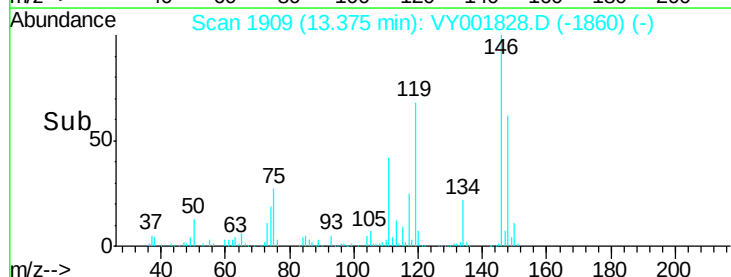
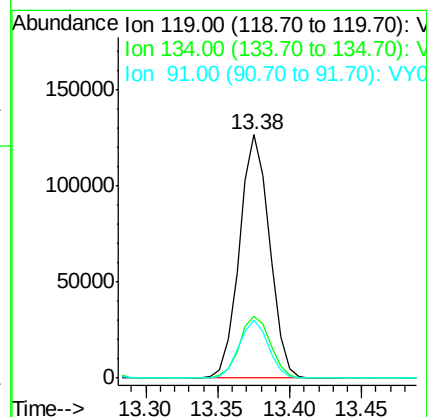
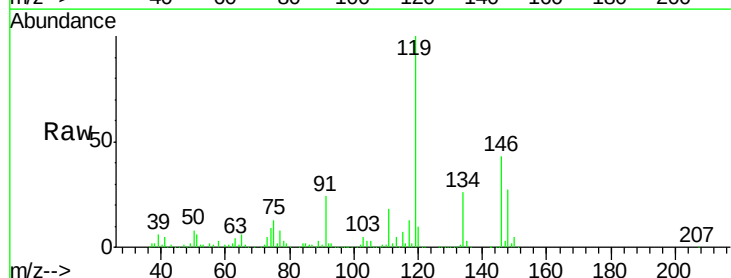
Tgt Ion:119 Resp: 184044

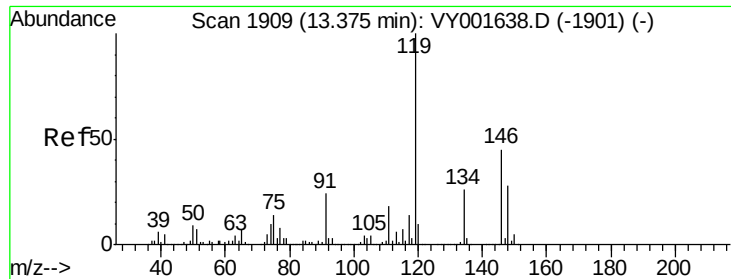
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.5 12.2 36.6





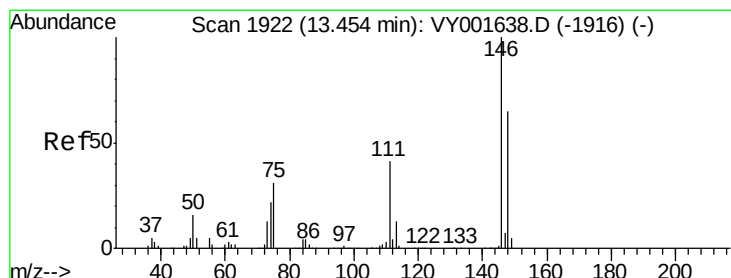
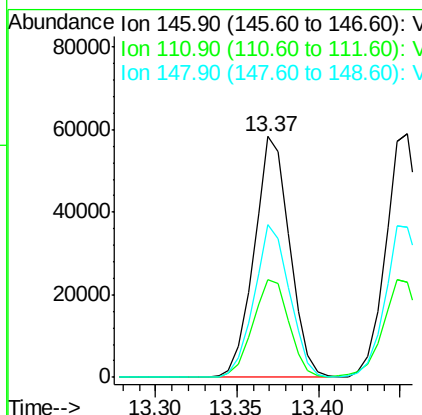
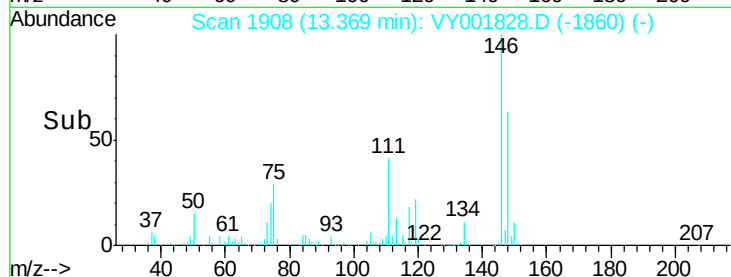
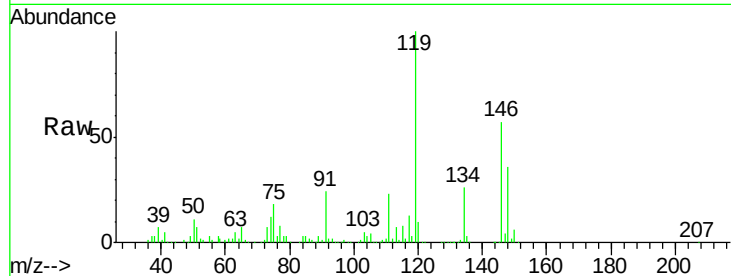
#87
 1,3-Dichlorobenzene
 Concen: 19.946 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.4	64.3
148	63.1	31.6	94.7

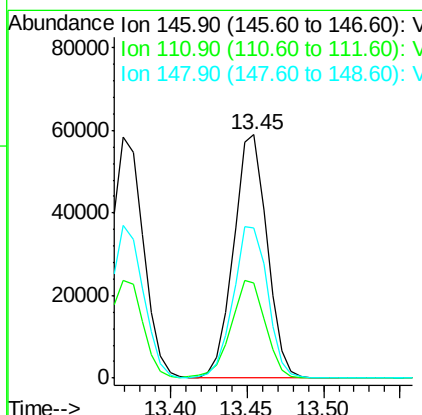
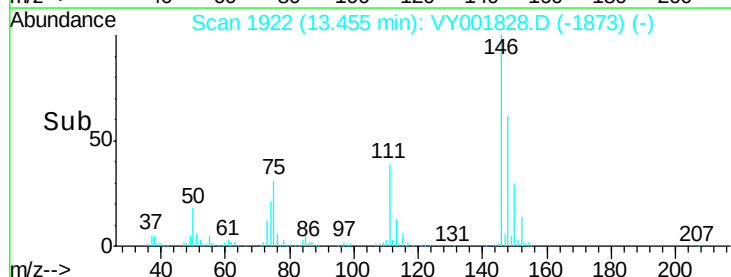
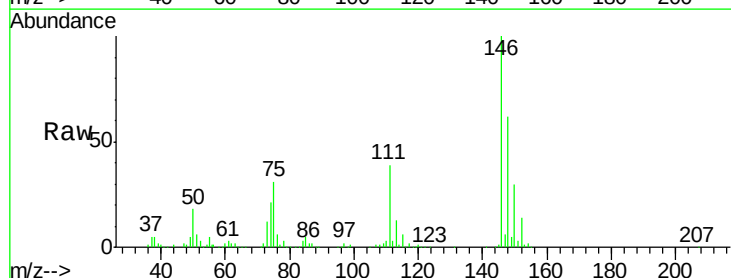
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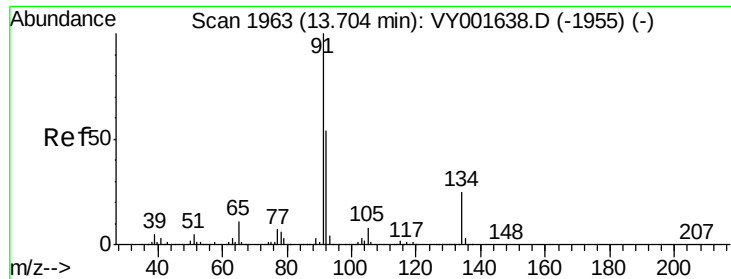
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#88
 1,4-Dichlorobenzene
 Concen: 19.989 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	63.9	31.6	94.7





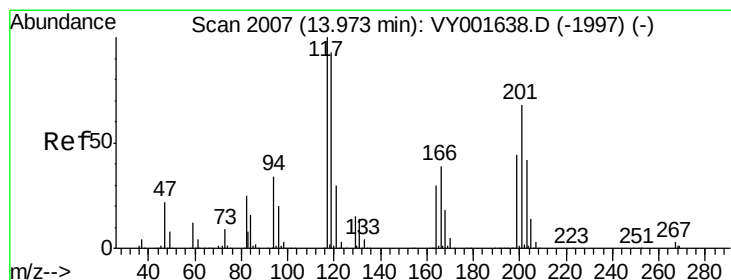
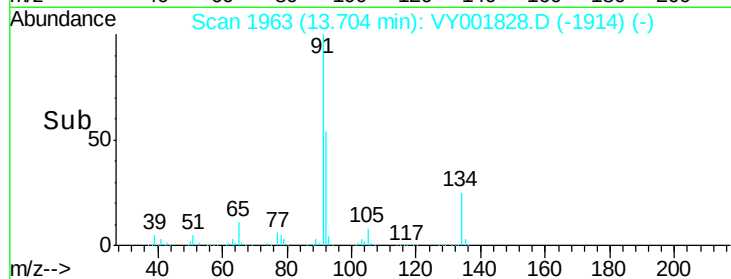
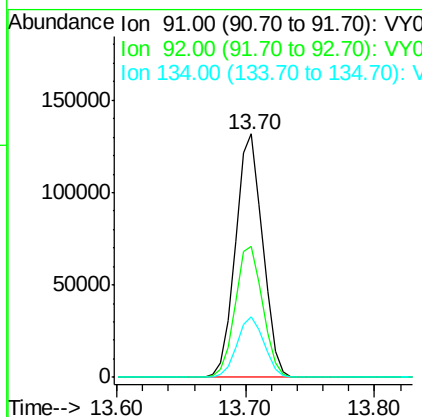
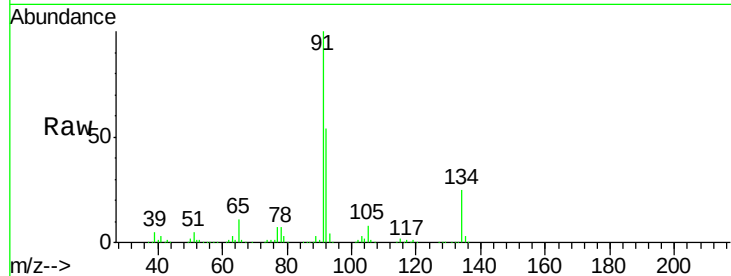
#89
n-Butylbenzene
Concen: 20.181 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	191950		
92	54.5		27.5	82.4
134	24.8		12.4	37.4

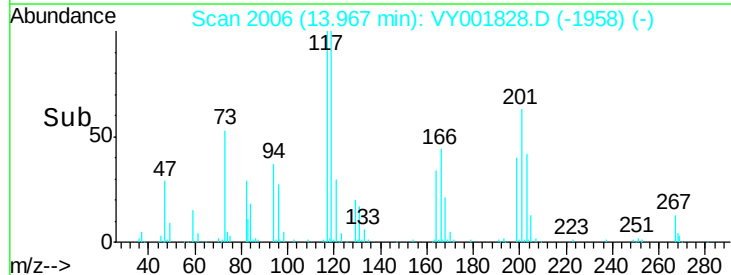
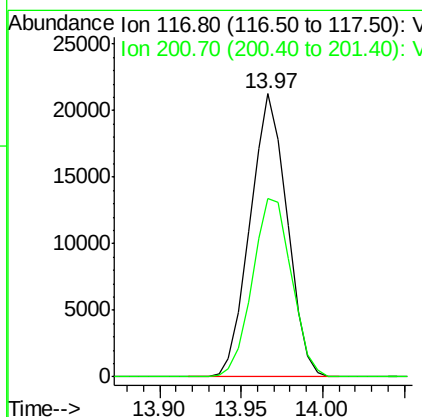
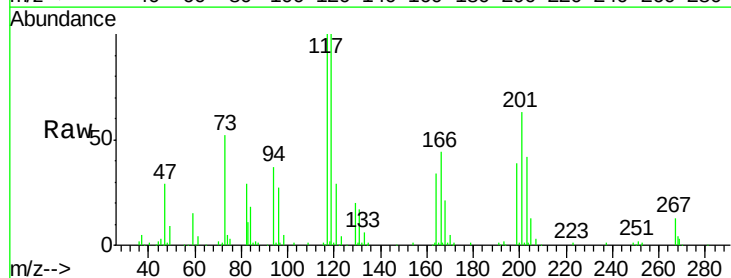
Manual Integrations
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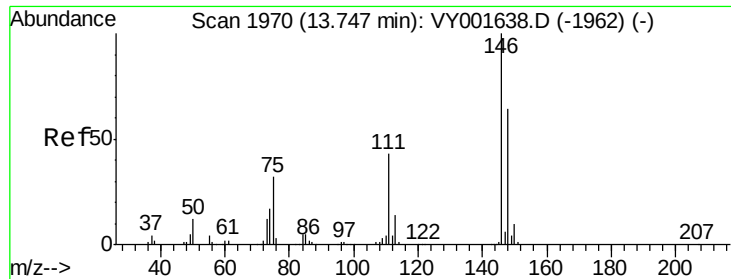
MMDadoda
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#90
Hexachloroethane
Concen: 19.156 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33595		
201	66.9		32.5	97.4





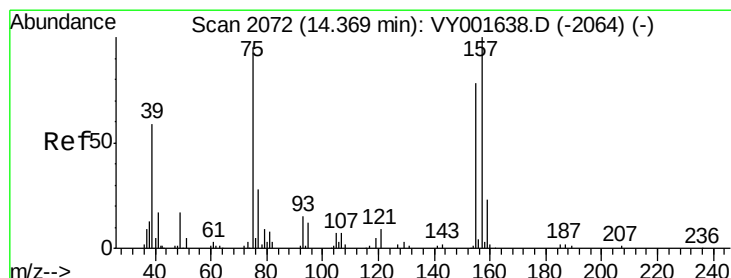
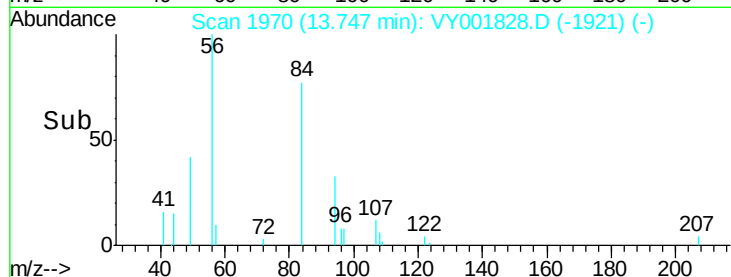
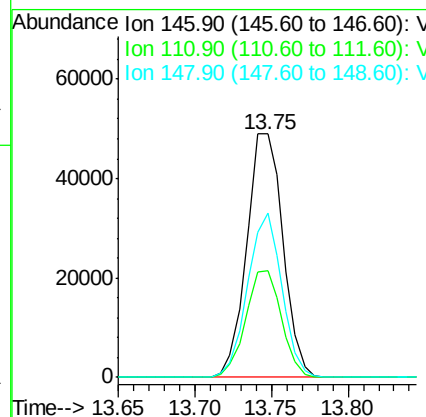
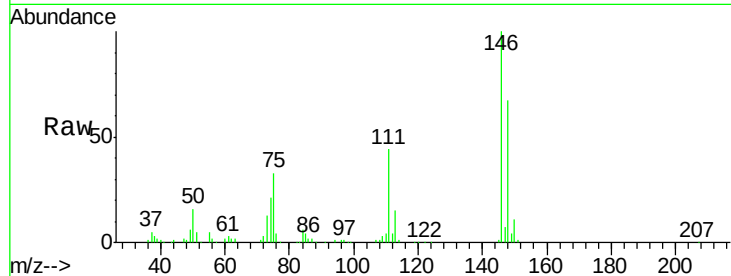
#91
 1,2-Dichlorobenzene
 Concen: 19.811 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.7
148	63.4	31.5	94.5

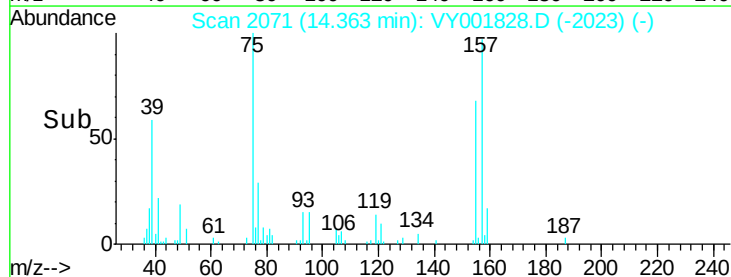
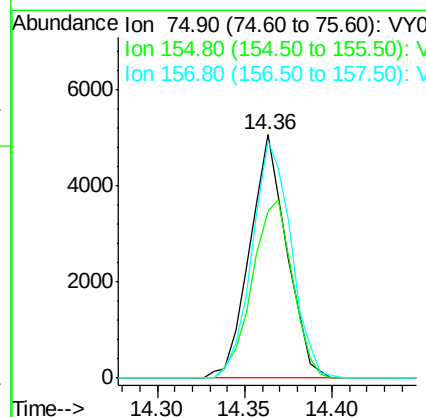
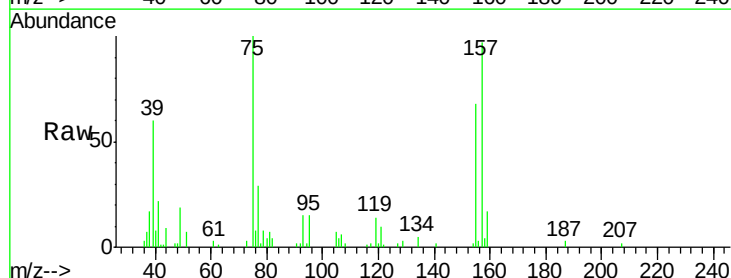
Manual Integrations
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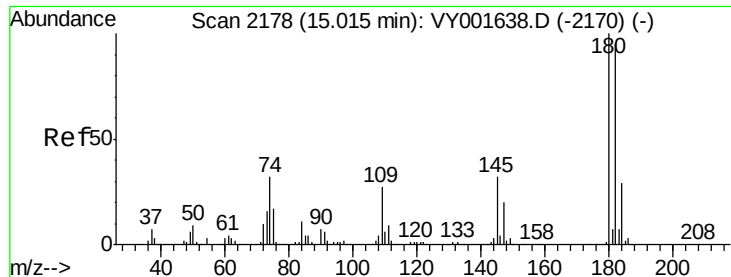
MMDadoda
 3/4/2020 2:02:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.005 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	40.8	122.4
157	103.1	52.1	156.4





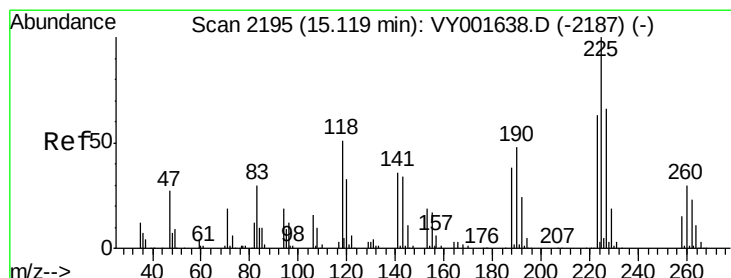
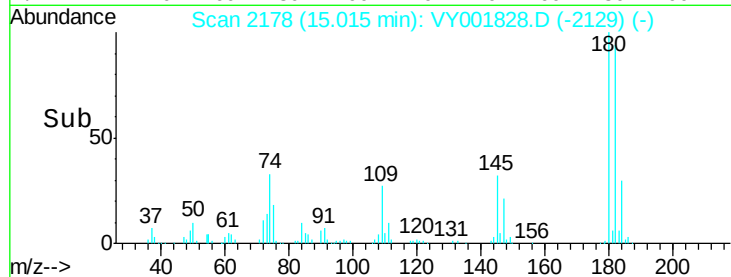
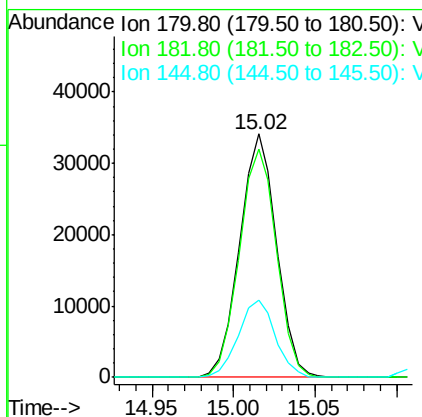
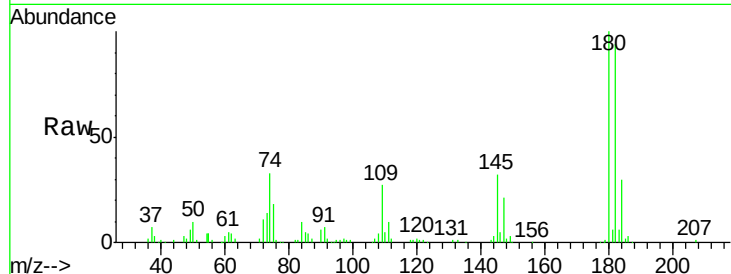
#93
 1,2,4-Trichlorobenzene
 Concen: 19.799 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	53568		
182	94.6	46.8	140.3	
145	32.1	16.2	48.5	

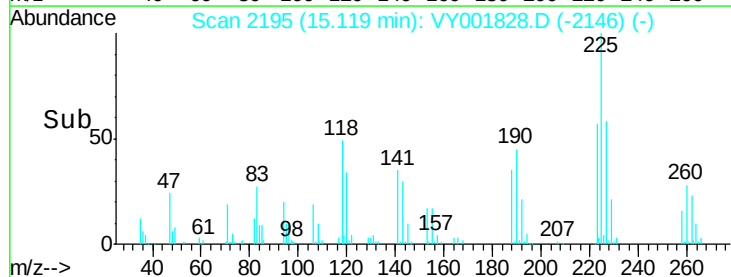
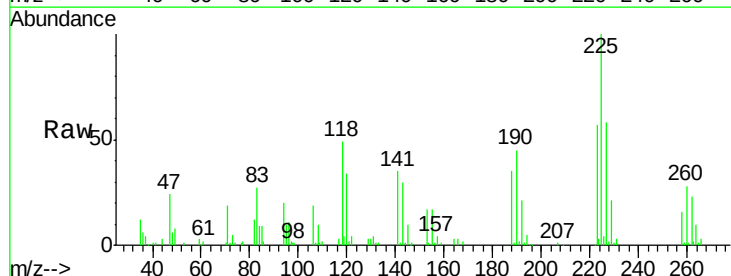
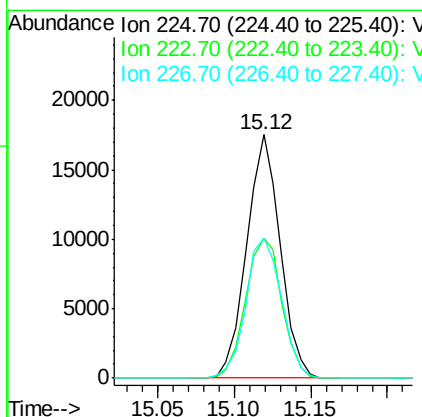
Manual Integrations
 APPROVED

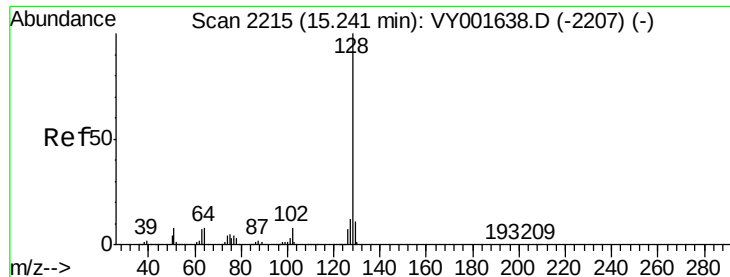
MMDadoda
 3/4/2020 2:02:01 PM



#94
 Hexachlorobutadiene
 Concen: 19.783 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001828.D
 Acq: 03 Mar 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26619		
223	62.2	31.4	94.0	
227	61.2	31.6	94.8	





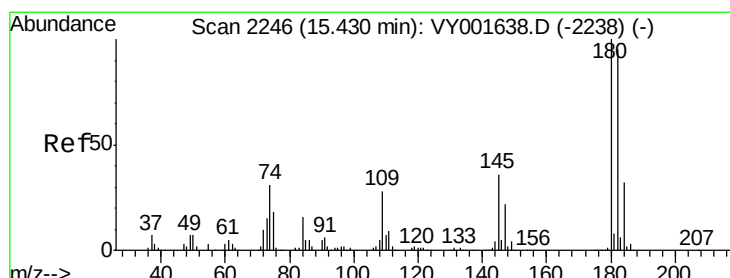
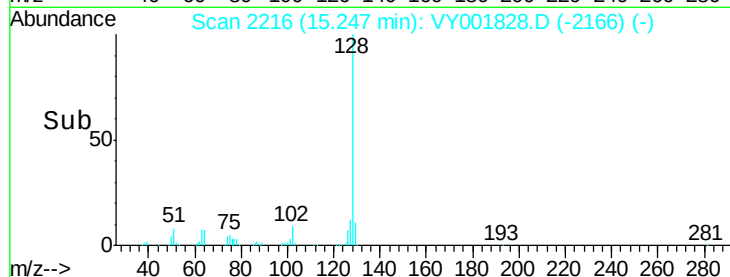
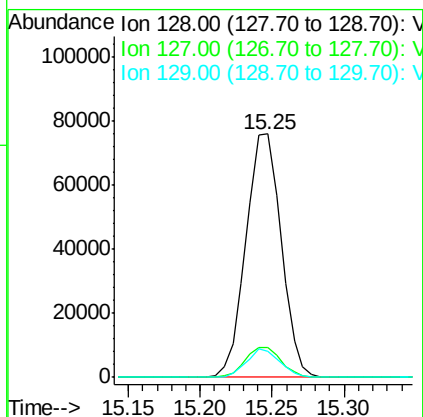
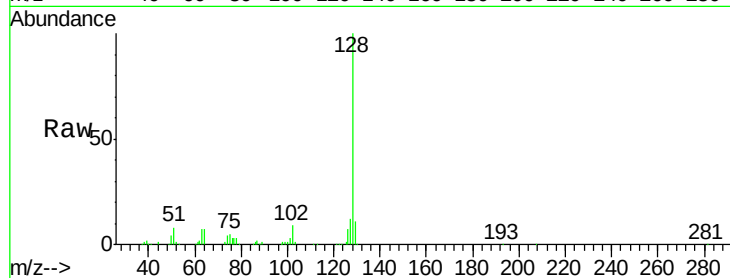
#95
Naphthalene
Concen: 20.629 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion:	128	Resp:	128688
Ion Ratio	Lower	Upper	
128	100		
127	12.4	9.9	14.9
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/4/2020 2:02:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.267 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001828.D
Acq: 03 Mar 2020 12:47

Tgt Ion:	180	Resp:	48240
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.2	141.6
145	34.5	17.3	52.0

