

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001526.D
 Acq On : 06 Feb 2020 13:36
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 4:50:44 PM

Quant Time: Feb 07 04:18:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	228704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	391237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	353552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	169133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	119776	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.75	113	110856	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.19	98	454012	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.49	95	169538	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	42593	19.026	ug/l	98
3) Chloromethane	2.13	50	55547	23.740	ug/l	98
4) Vinyl Chloride	2.27	62	57061	23.486	ug/l	96
5) Bromomethane	2.67	94	38374	25.114	ug/l	97
6) Chloroethane	2.82	64	36723	25.076	ug/l	99
7) Trichlorofluoromethane	3.15	101	77052	19.160	ug/l	96
8) Diethyl Ether	3.55	74	28885	21.285	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.93	101	48973	20.239	ug/l	99
10) Methyl Iodide	4.13	142	57500	18.650	ug/l	99
11) Tert butyl alcohol	4.99	59	31404	101.141	ug/l	96
12) 1,1-Dichloroethene	3.91	96	48670	20.241	ug/l	94
13) Acrolein	3.76	56	22649	103.875	ug/l	100
14) Allyl chloride	4.52	41	84384	22.941	ug/l	96
15) Acrylonitrile	5.21	53	74439	119.650	ug/l	98
16) Acetone	3.99	43	69051	103.667	ug/l	95
17) Carbon Disulfide	4.22	76	160709	20.995	ug/l	99
18) Methyl Acetate	4.52	43	34793	24.478	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	132310	20.691	ug/l	99
20) Methylene Chloride	4.75	84	59085	19.800	ug/l	92
21) trans-1,2-Dichloroethene	5.25	96	55722	20.846	ug/l	97
22) Diisopropyl ether	6.16	45	171444	23.525	ug/l	97
23) Vinyl Acetate	6.10	43	560346	120.784	ug/l	96
24) 1,1-Dichloroethane	6.05	63	94223	21.495	ug/l	98
25) 2-Butanone	7.02	43	102608	118.740	ug/l	96
26) 2,2-Dichloropropane	7.02	77	85318	20.337	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	60496	20.721	ug/l	96
28) Bromochloromethane	7.36	49	31617	21.173	ug/l	88
29) Tetrahydrofuran	7.38	42	63739	123.062	ug/l	95
30) Chloroform	7.53	83	90262	20.329	ug/l	97
31) Cyclohexane	7.81	56	98598	21.989	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	79640	19.783	ug/l	98
36) 1,1-Dichloropropene	7.94	75	77242	21.582	ug/l	98
37) Ethyl Acetate	7.10	43	43781	25.269	ug/l	96
38) Carbon Tetrachloride	7.92	117	68026	19.645	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	100278	21.279	ug/l	97
40) Benzene	8.19	78	223323	21.876	ug/l	99
41) Methacrylonitrile	7.34	41	18575m	23.132	ug/l	
42) 1,2-Dichloroethane	8.26	62	61220	21.525	ug/l	99
43) Isopropyl Acetate	8.30	43	84450	24.617	ug/l #	94
44) Trichloroethene	8.96	130	56888	20.674	ug/l	96
45) 1,2-Dichloropropane	9.24	63	55505	22.516	ug/l	97
46) Dibromomethane	9.33	93	29644	21.415	ug/l	99
47) Bromodichloromethane	9.52	83	70520	20.909	ug/l	98
48) Methyl methacrylate	9.31	41	37972	24.388	ug/l	94
49) 1,4-Dioxane	9.31	88	7822	427.876	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	213197	126.195	ug/l	96
52) Toluene	10.25	92	139123	21.478	ug/l	97
53) t-1,3-Dichloropropene	10.48	75	77184	21.011	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	90626	21.489	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	42958	21.630	ug/l	98
56) Ethyl methacrylate	10.52	69	63477	22.471	ug/l	91
57) 1,3-Dichloropropane	10.80	76	75937	21.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	111881	107.663	ug/l	96
59) 2-Hexanone	10.85	43	155627	126.695	ug/l	96
60) Dibromochloromethane	11.00	129	47601	20.333	ug/l	99
61) 1,2-Dibromoethane	11.10	107	42129	21.537	ug/l	98
64) Tetrachloroethene	10.73	164	46584	20.091	ug/l	98
65) Chlorobenzene	11.53	112	144539	20.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	49277	20.282	ug/l	100
67) Ethyl Benzene	11.60	91	269444	20.992	ug/l	99
68) m/p-Xylenes	11.71	106	206595	42.875	ug/l	98
69) o-Xylene	12.04	106	96561	21.254	ug/l	100
70) Styrene	12.05	104	165593	21.077	ug/l	99
71) Bromoform	12.22	173	28749	21.250	ug/l #	100
73) Isopropylbenzene	12.34	105	260183	20.170	ug/l	100
74) N-amyl acetate	12.15	43	80072	23.888	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	53074	21.656	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	34893m	19.184	ug/l	
77) Bromobenzene	12.62	156	56262	20.154	ug/l	94
78) n-propylbenzene	12.68	91	320006	20.722	ug/l	100
79) 2-Chlorotoluene	12.77	91	178614	20.291	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	220987	20.342	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	20086	21.368	ug/l	94
82) 4-Chlorotoluene	12.86	91	185606	20.111	ug/l	100
83) tert-Butylbenzene	13.08	119	183128	19.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	217675	20.245	ug/l	100
85) sec-Butylbenzene	13.26	105	270474	20.950	ug/l	100
86) p-Isopropyltoluene	13.38	119	235564	20.705	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	110997	20.747	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	111199	20.747	ug/l	99
89) n-Butylbenzene	13.70	91	239882	21.369	ug/l	99
90) Hexachloroethane	13.97	117	44066	20.180	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	101465	20.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9505	21.008	ug/l	99

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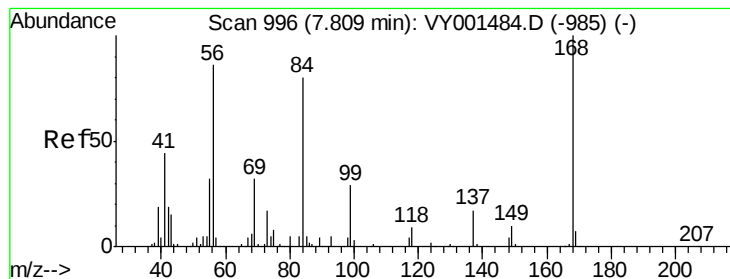
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	67434	20.640	ug/l	99
94) Hexachlorobutadiene	15.12	225	33830	20.402	ug/l	98
95) Naphthalene	15.25	128	154795	20.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	59543	20.646	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion:168 Resp: 228704

Ion Ratio Lower Upper

168 100

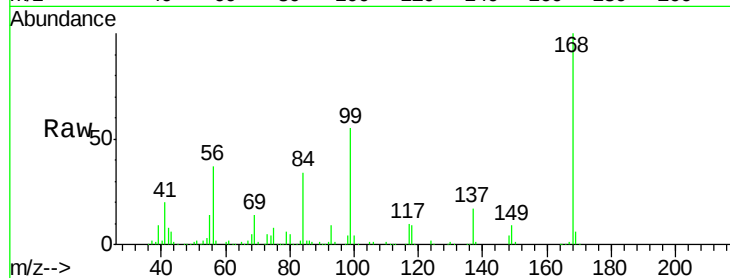
99 54.7 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001526.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001526.D (-947) (-)

120000

100000

80000

60000

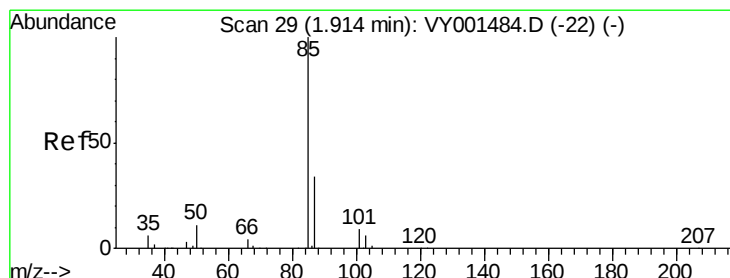
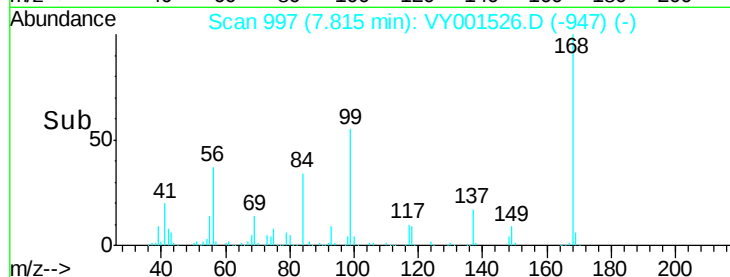
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.026 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001526.D

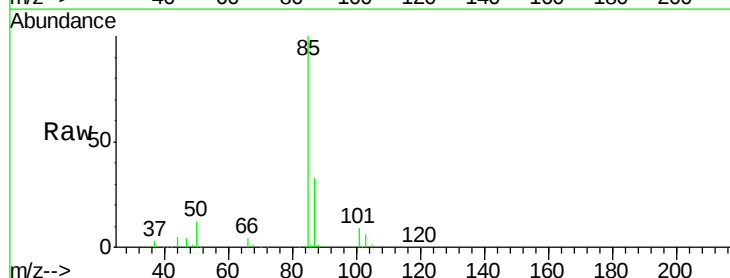
Acq: 06 Feb 2020 13:36

Tgt Ion: 85 Resp: 42593

Ion Ratio Lower Upper

85 100

87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001526.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001526.D (-1) (-)

30000

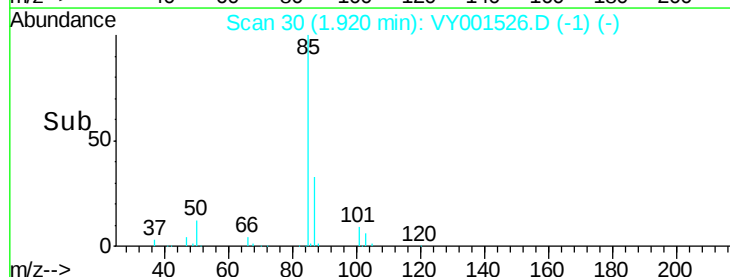
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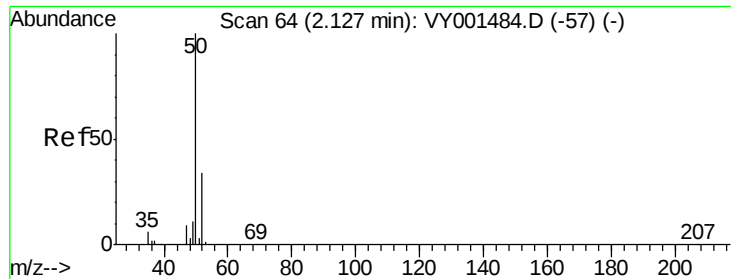
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 23.740 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion: 50 Resp: 55547

Ion Ratio Lower Upper

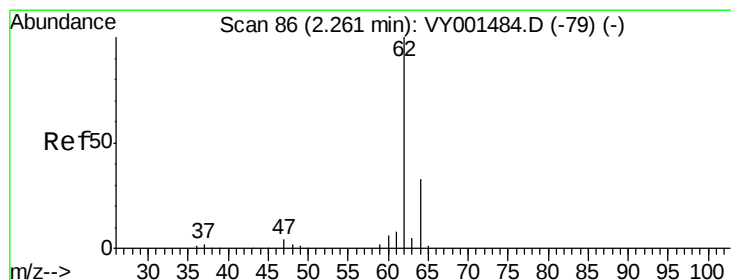
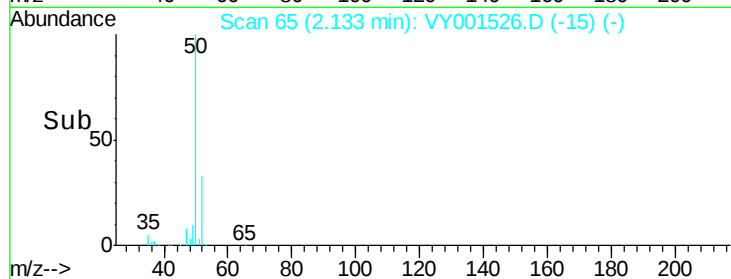
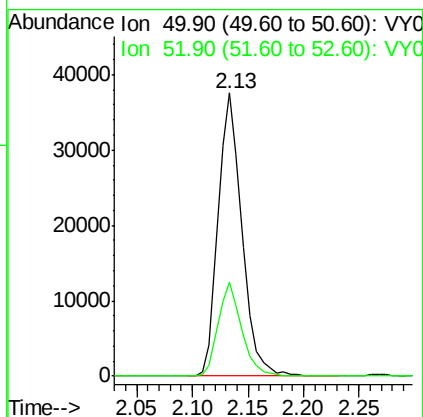
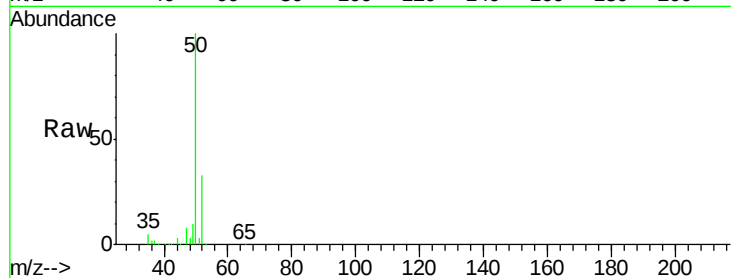
50 100

52 33.1 27.3 40.9

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APPROVED

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#4

Vinyl Chloride

Concen: 23.486 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001526.D

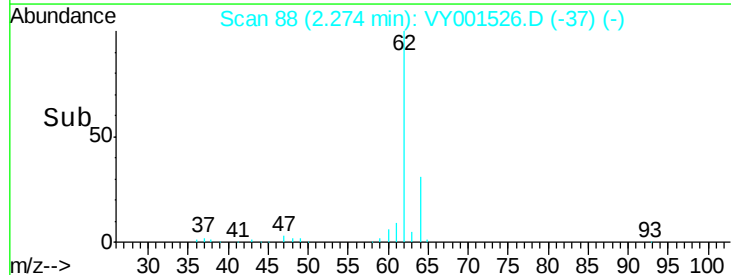
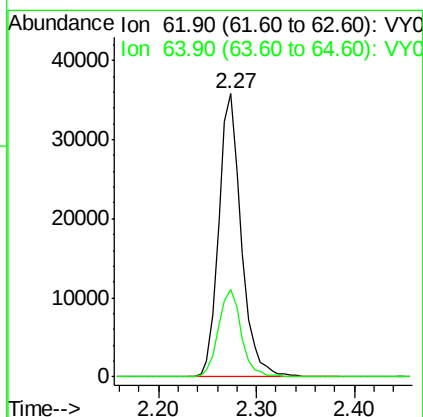
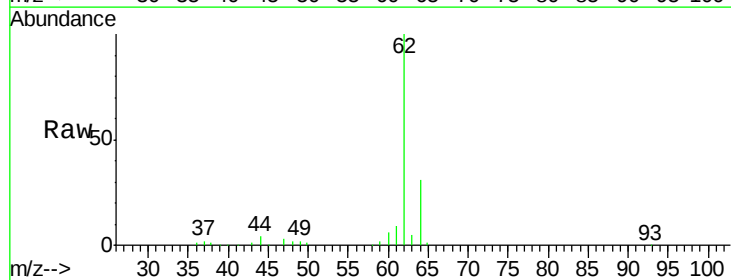
Acq: 06 Feb 2020 13:36

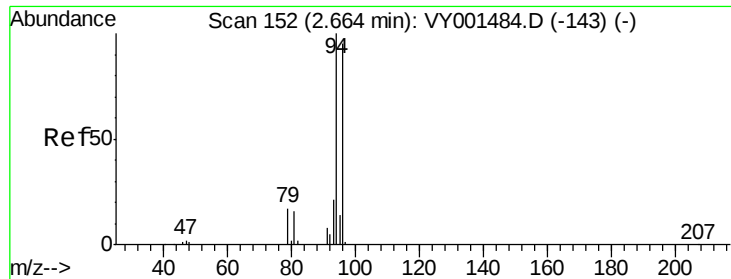
Tgt Ion: 62 Resp: 57061

Ion Ratio Lower Upper

62 100

64 30.7 26.4 39.6





#5

Bromomethane

Concen: 25.114 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion: 94 Resp: 38374

Ion Ratio Lower Upper

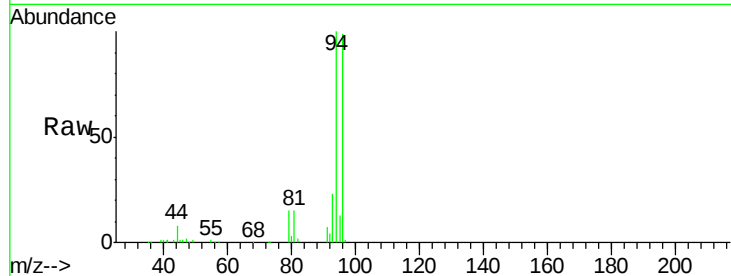
94 100

96 98.6 76.2 114.2

Manual Integrations
APPROVED

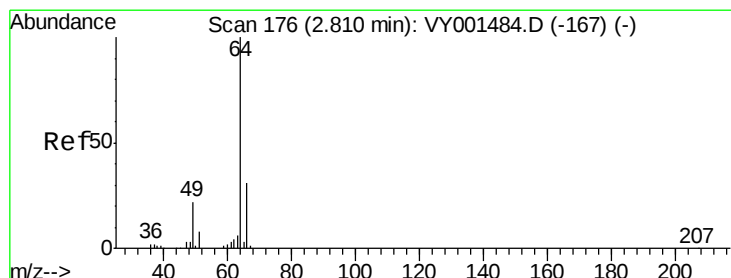
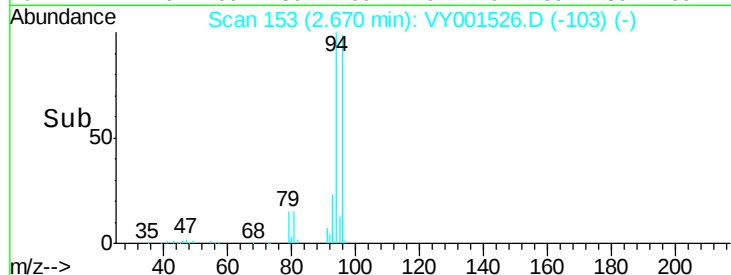
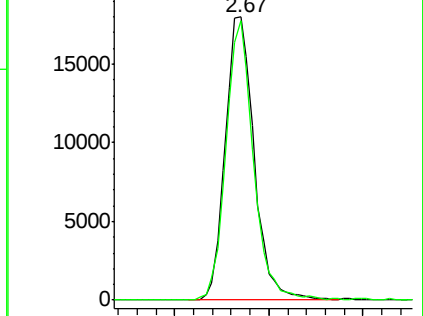
MMDadoda

2/7/2020 4:50:44 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 25.076 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001526.D

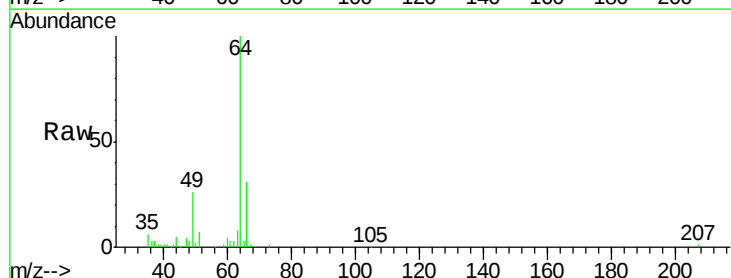
Acq: 06 Feb 2020 13:36

Tgt Ion: 64 Resp: 36723

Ion Ratio Lower Upper

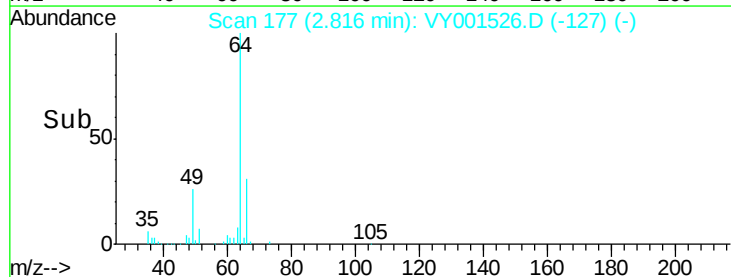
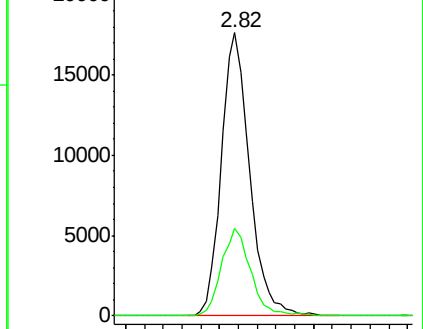
64 100

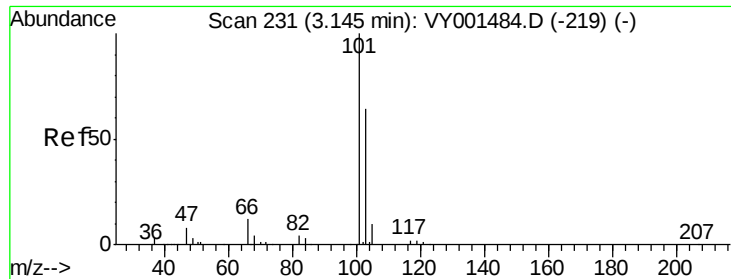
66 31.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

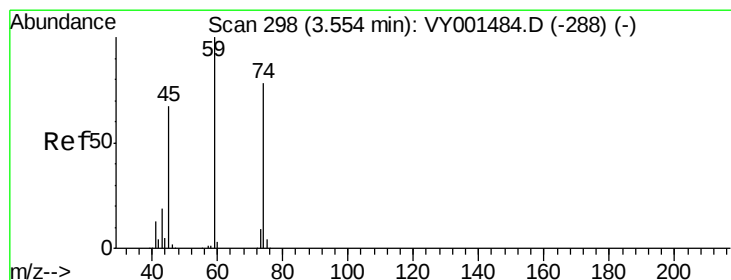
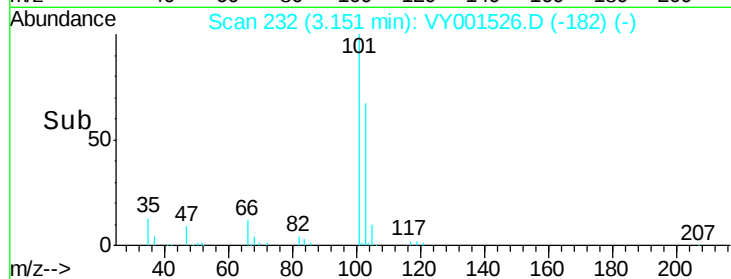
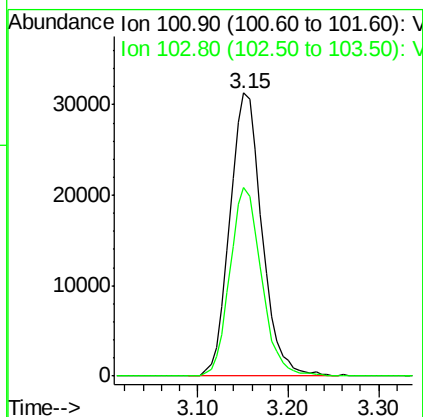
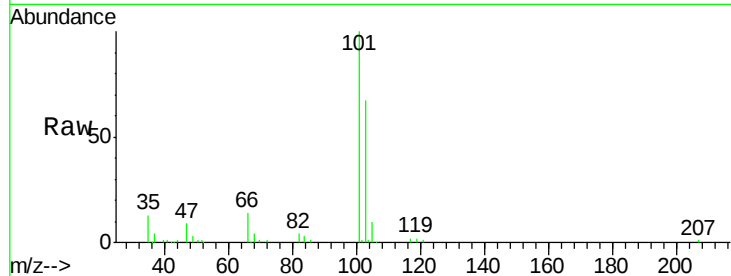
Trichlorofluoromethane
Concen: 19.160 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001526.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	50.9	76.3

Manual Integrations
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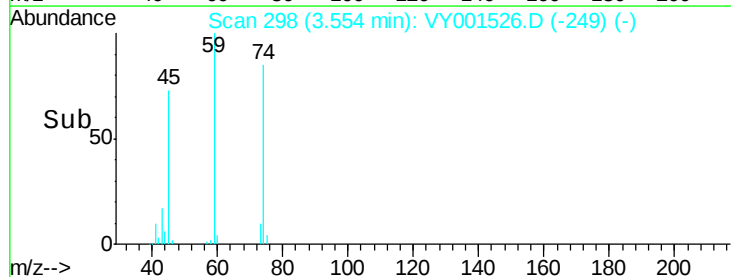
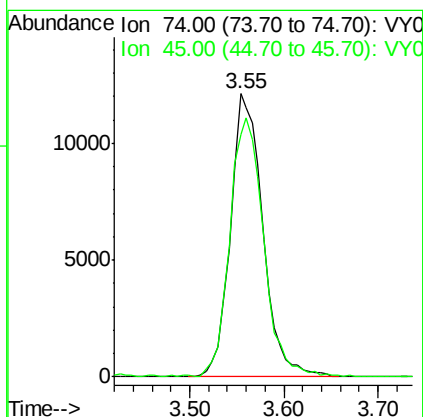
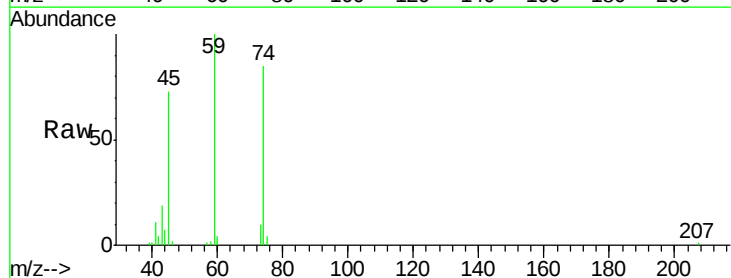
MMDadoda
2/7/2020 4:50:44 PM

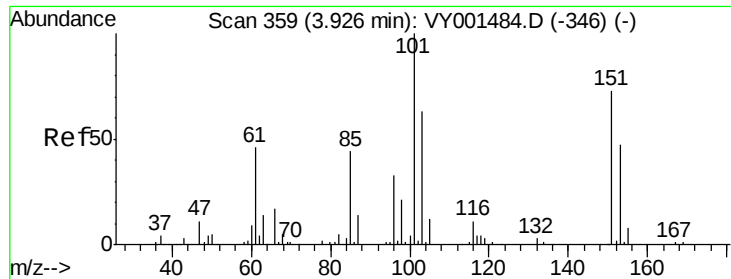


#8

Diethyl Ether
Concen: 21.285 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.239 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

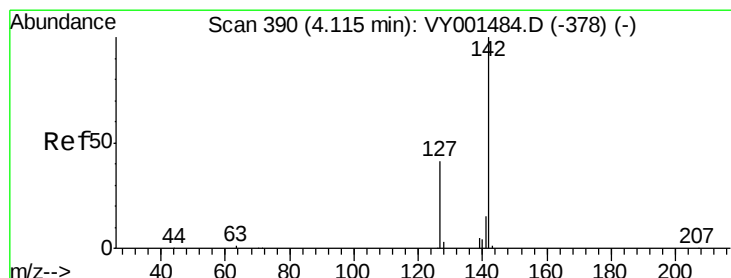
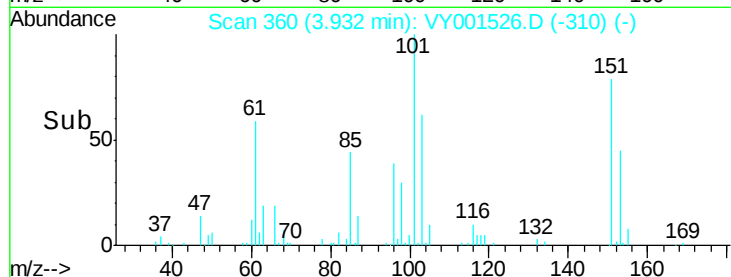
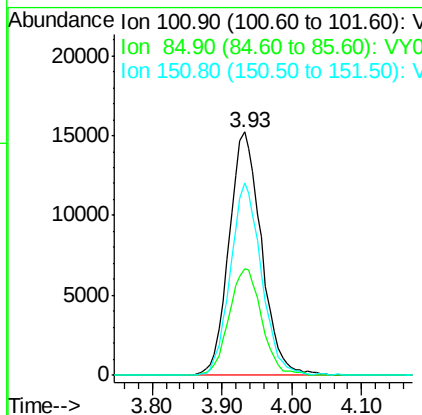
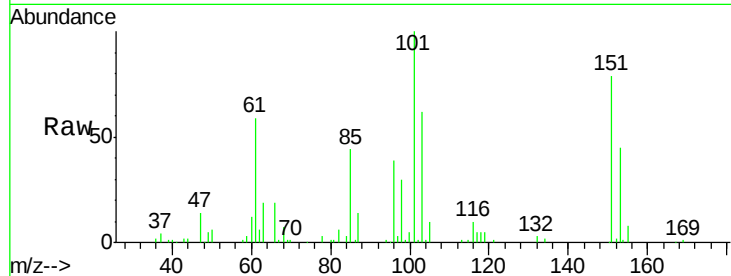
ClientSampleId :

VY0206SBS01

Tot Ion:	101	Resp:	48973
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.6	51.8
151	75.7	60.3	90.5

Manual Integrations
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2/7/2020 4:50:44 PM



#10

Methyl Iodide

Concen: 18.650 ug/l

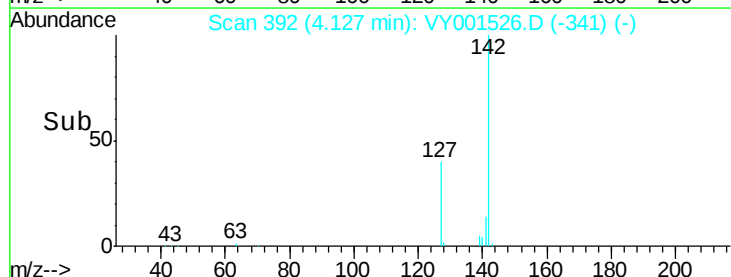
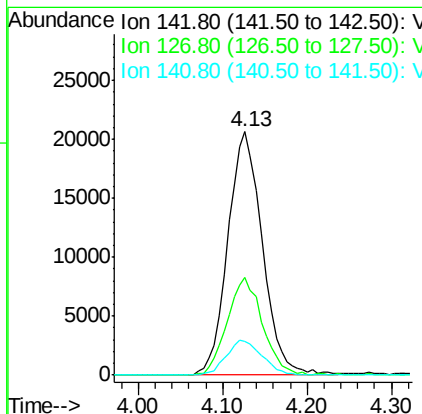
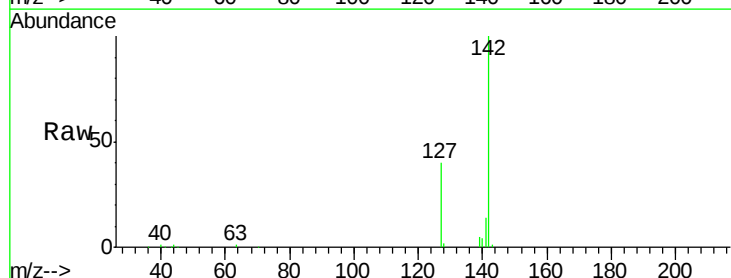
RT: 4.13 min Scan# 392

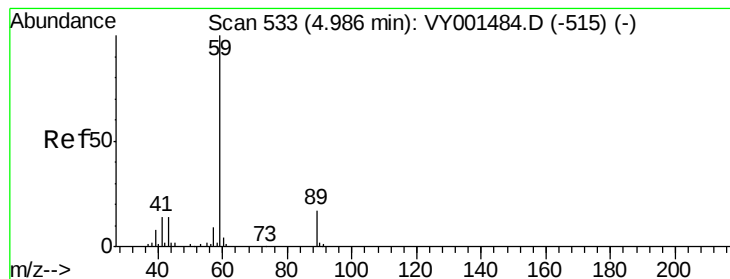
Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion:	142	Resp:	57500
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.3	49.9
141	14.7	11.5	17.3





#11

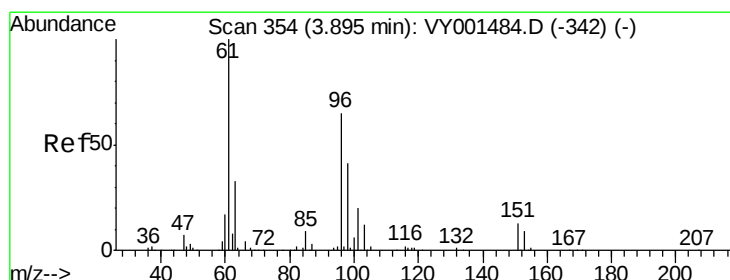
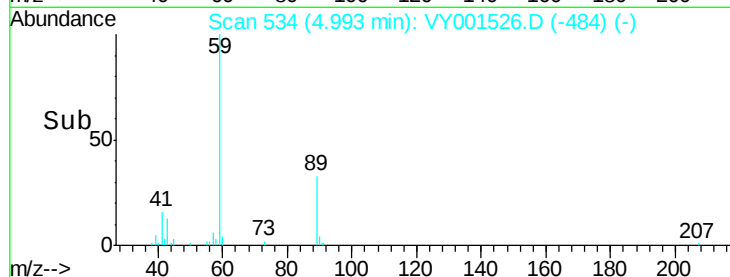
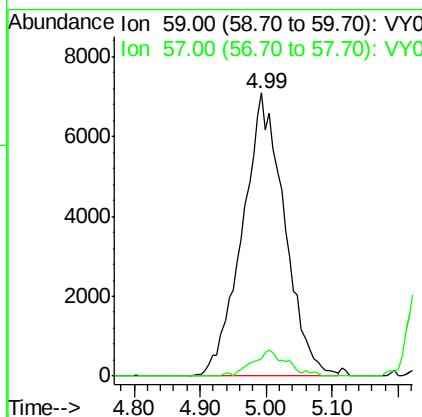
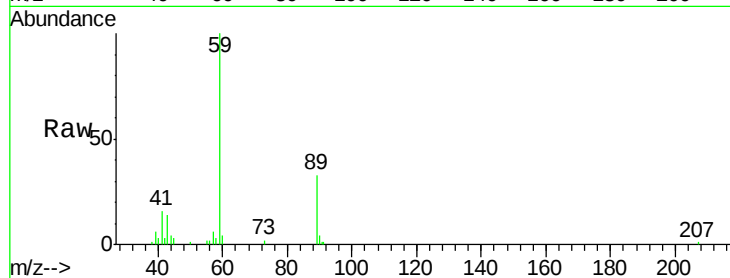
Tert butyl alcohol
 Concen: 101.141 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion	59	Resp	31404
Ion Ratio	100	Lower	Upper
57	7.3	7.0	10.6

Manual Integrations
 APPROVED

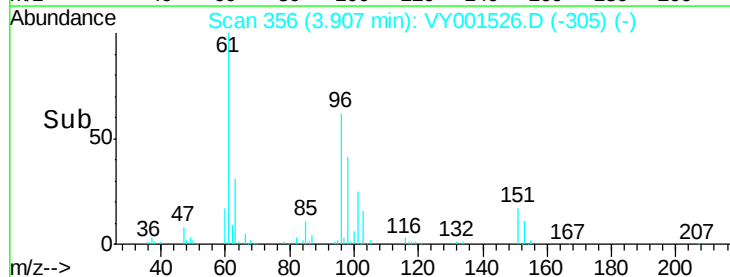
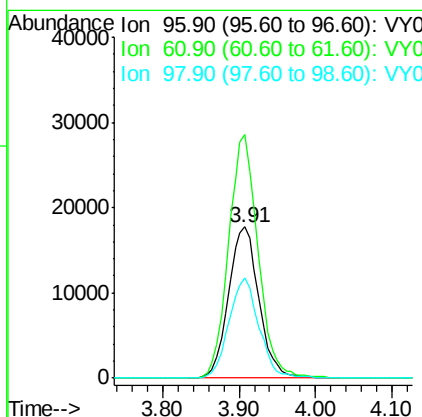
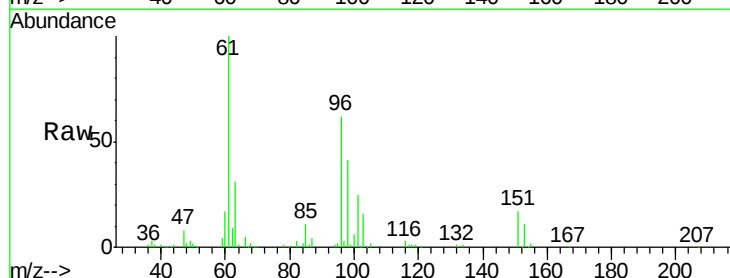
MMDadoda
 2/7/2020 4:50:44 PM

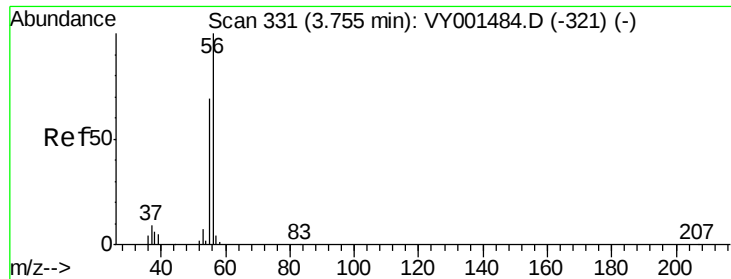


#12

1,1-Dichloroethene
 Concen: 20.241 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	96	Resp	48670
Ion Ratio	100	Lower	Upper
61	161.3	122.3	183.5
98	66.8	49.7	74.5





#13

Acrolein

Concen: 103.875 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion: 56 Resp: 22649

Ion Ratio Lower Upper

56 100

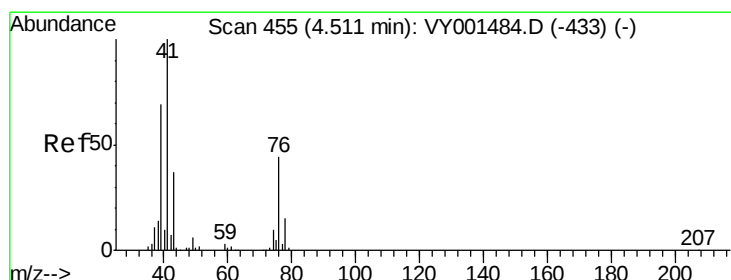
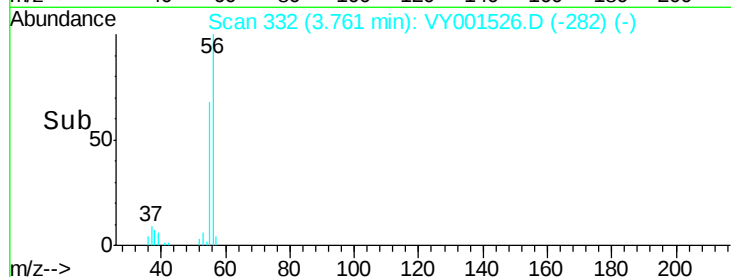
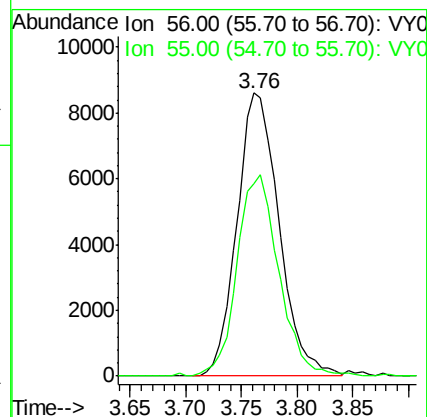
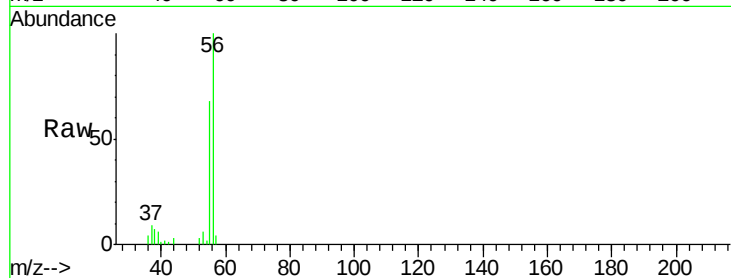
55 70.4 56.2 84.4

Manual Integrations

APPROVED

MMDadoda

2/7/2020 4:50:44 PM



#14

Allyl chloride

Concen: 22.941 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

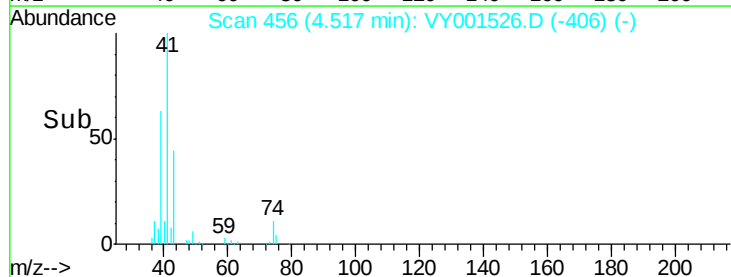
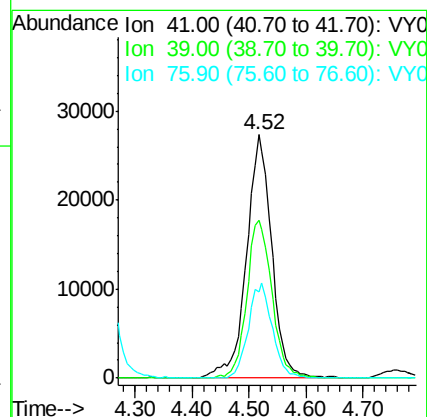
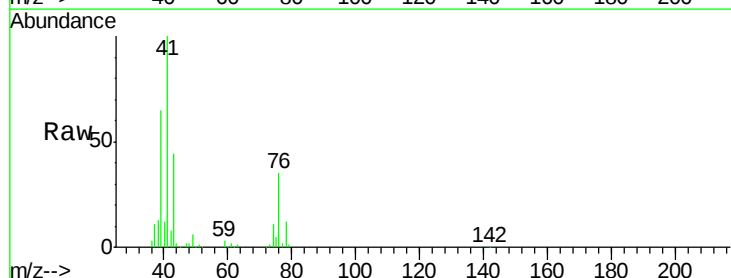
Tgt Ion: 41 Resp: 84384

Ion Ratio Lower Upper

41 100

39 64.7 53.0 79.6

76 36.8 32.6 48.8





#15

Acrylonitrile

Concen: 119.650 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

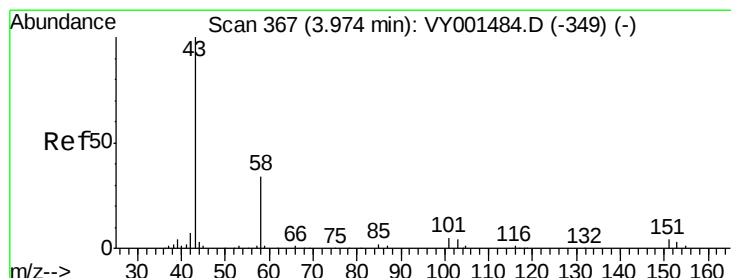
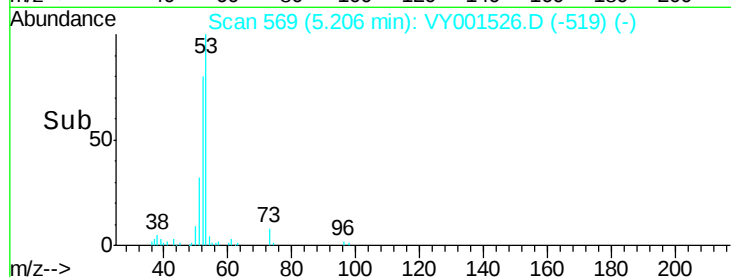
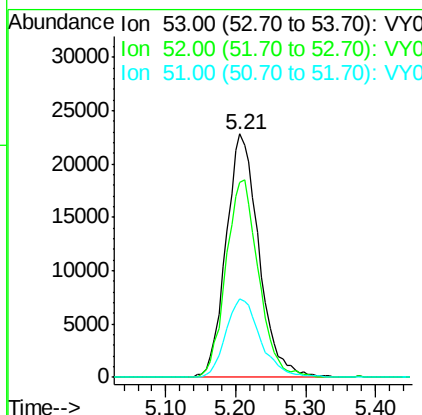
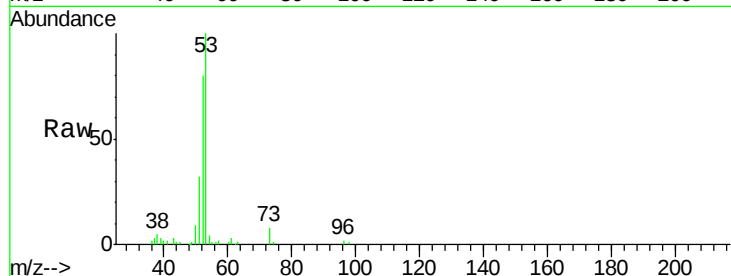
ClientSampleId :

VY0206SBS01

Tot Ion:	53	Resp:	74439
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.4	98.2
51	34.2	29.0	43.4

Manual Integrations
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2/7/2020 4:50:44 PM



#16

Acetone

Concen: 103.667 ug/l

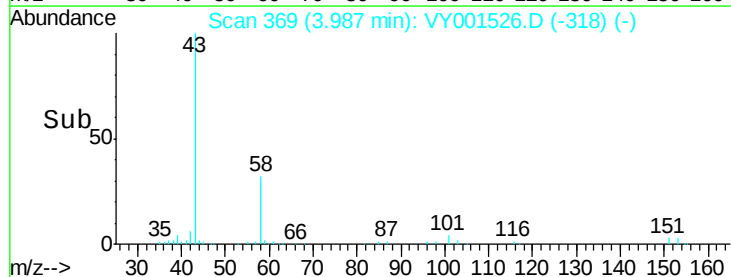
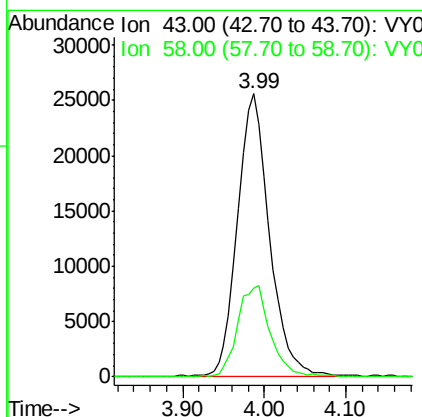
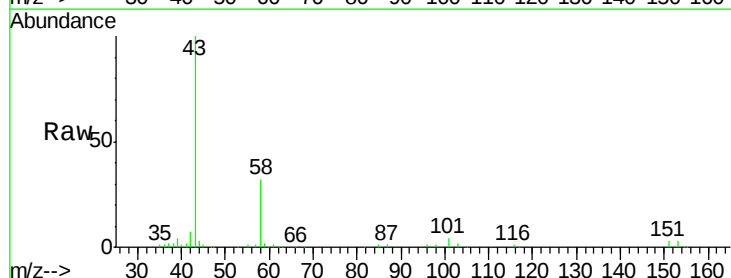
RT: 3.99 min Scan# 369

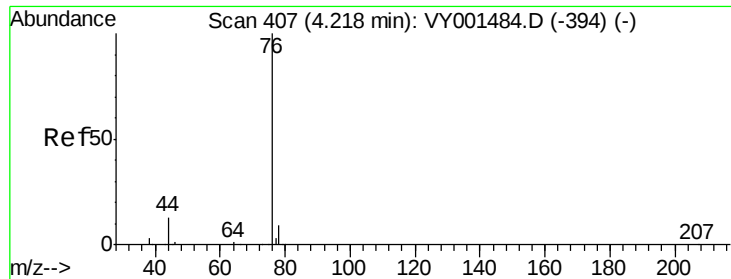
Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion:	43	Resp:	69051
Ion	Ratio	Lower	Upper
43	100		
58	31.6	27.5	41.3





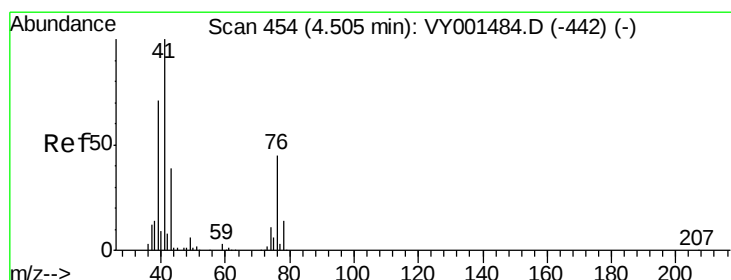
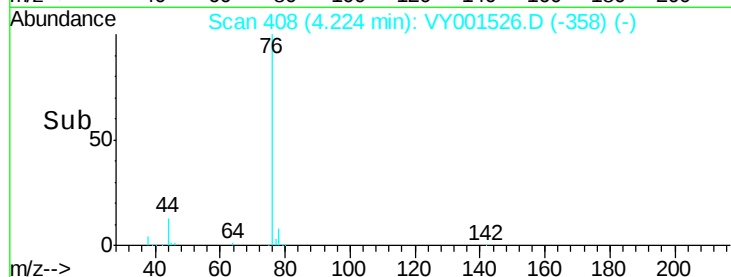
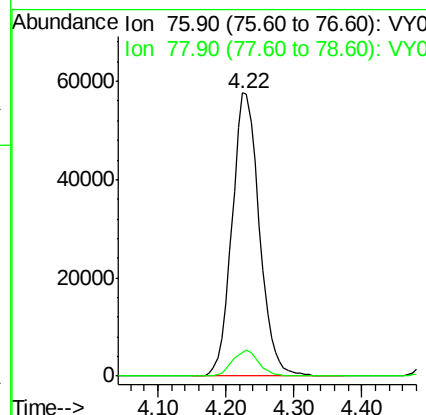
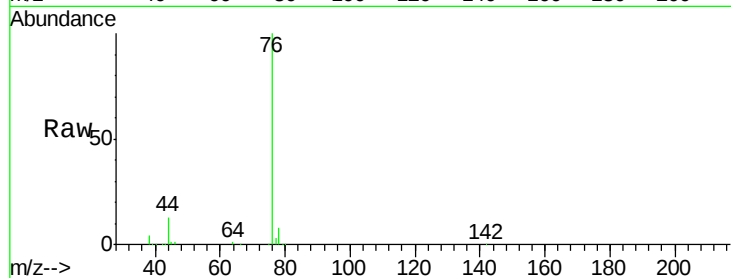
#17
Carbon Disulfide
Concen: 20.995 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.6

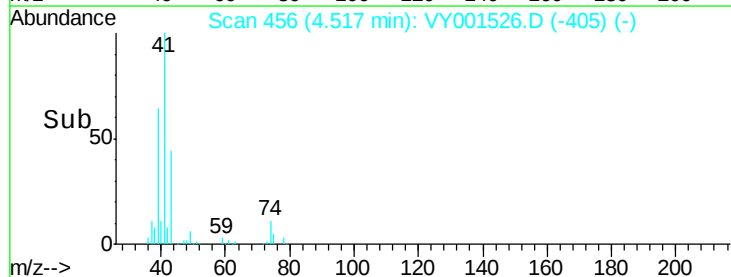
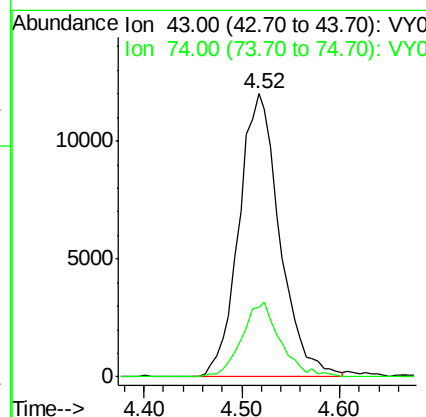
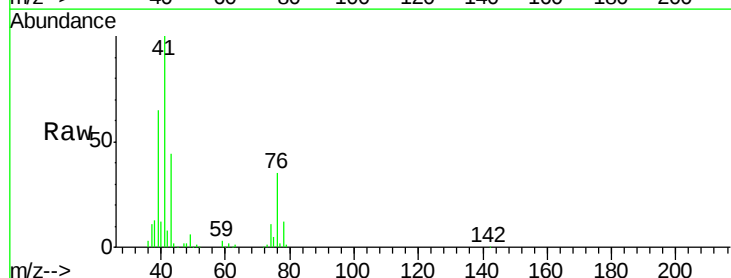
Manual Integrations
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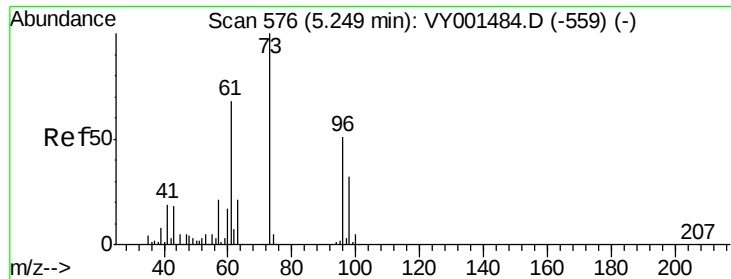
MMDadoda
2/7/2020 4:50:44 PM



#18
Methyl Acetate
Concen: 24.478 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	21.0	31.6





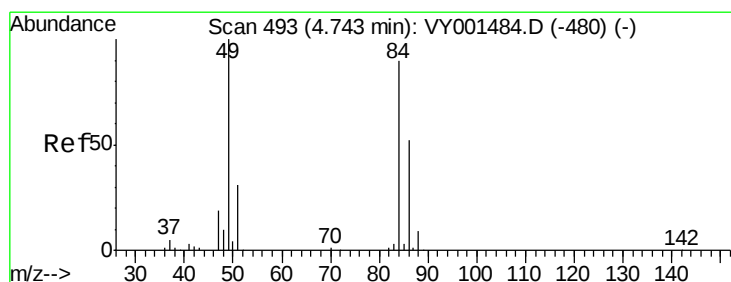
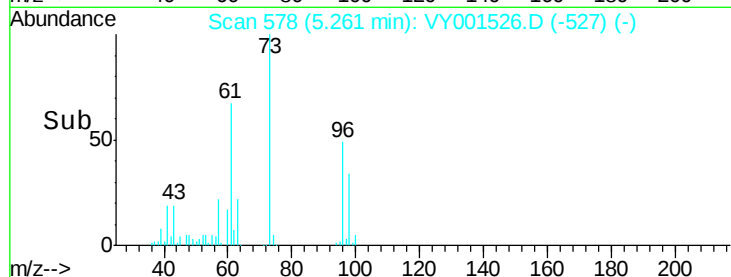
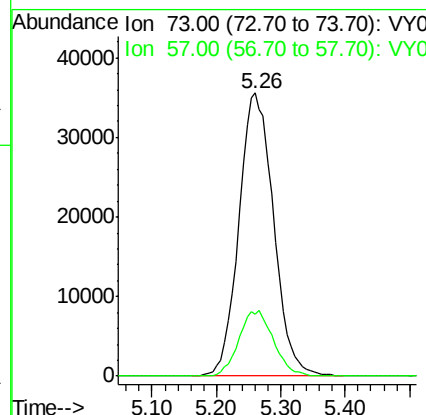
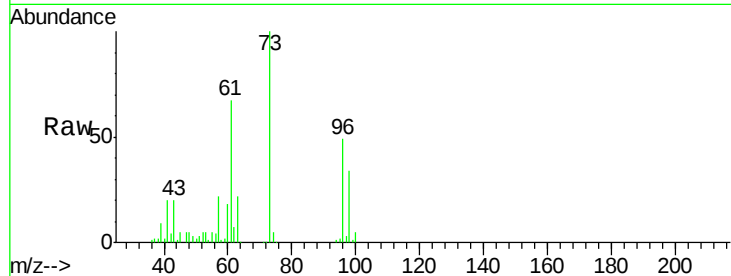
#19
Methvl tert-butvl Ether
Concen: 20.691 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion: 73 Resp: 132310
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6

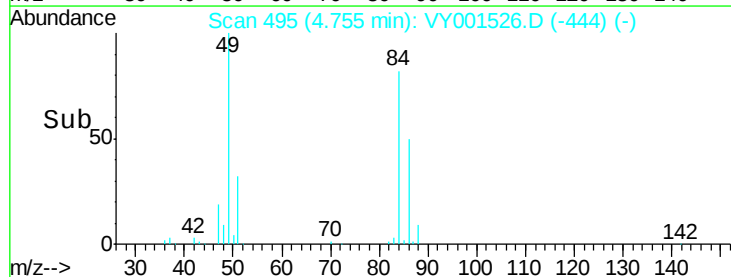
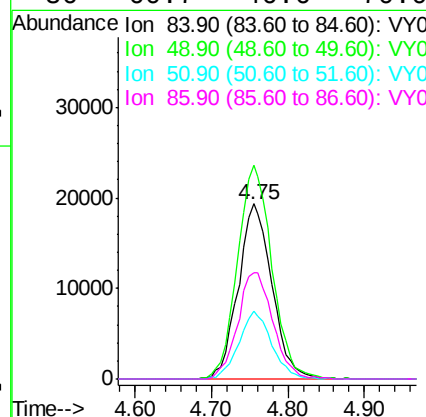
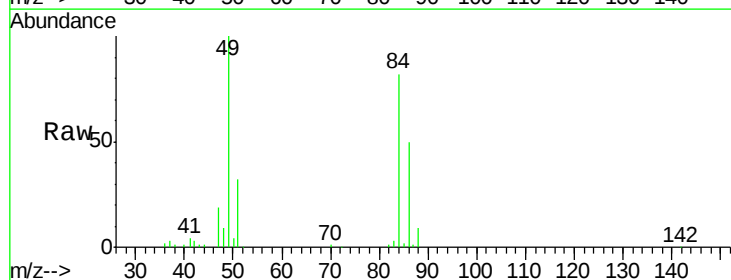
Manual Integrations
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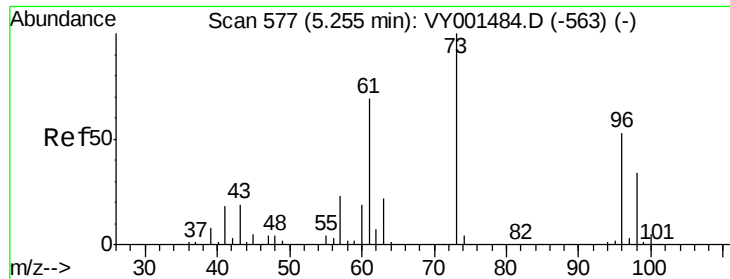
MMDadoda
2/7/2020 4:50:44 PM



#20
Methylene Chloride
Concen: 19.800 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 84 Resp: 59085
Ion Ratio Lower Upper
84 100
49 122.2 89.0 133.6
51 38.7 27.4 41.2
86 60.7 46.6 70.0





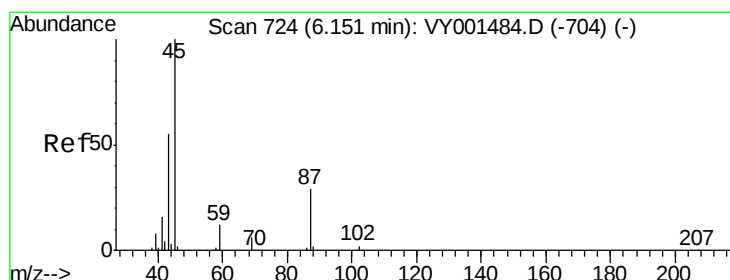
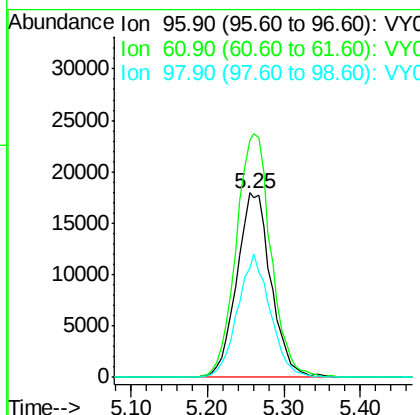
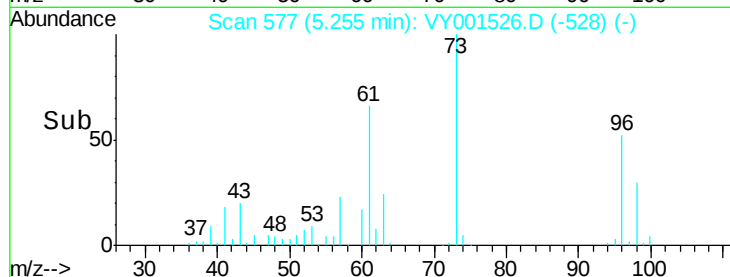
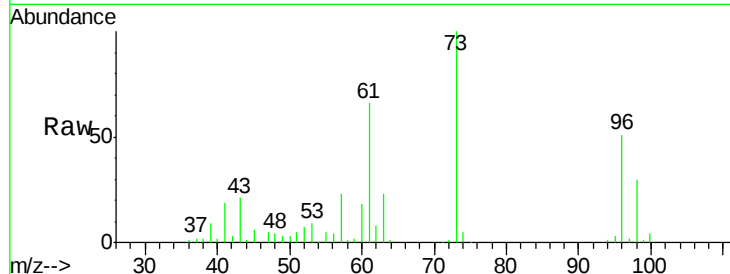
#21
trans-1,2-Dichloroethene
Concen: 20.846 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	104.2	156.4
98	58.9	51.4	77.0

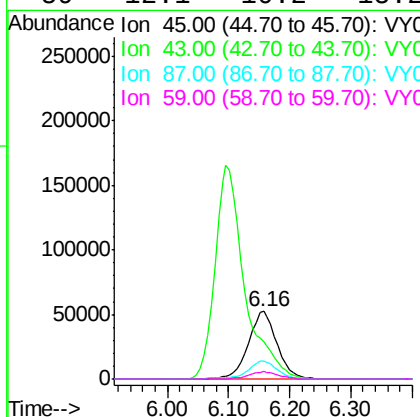
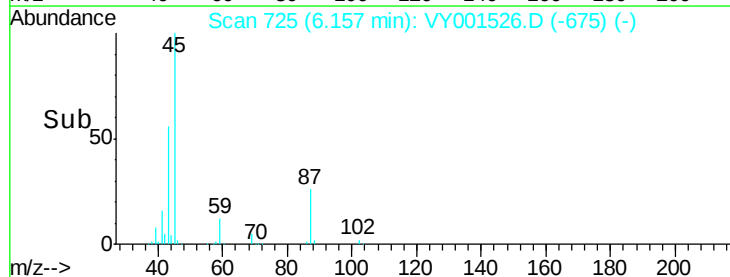
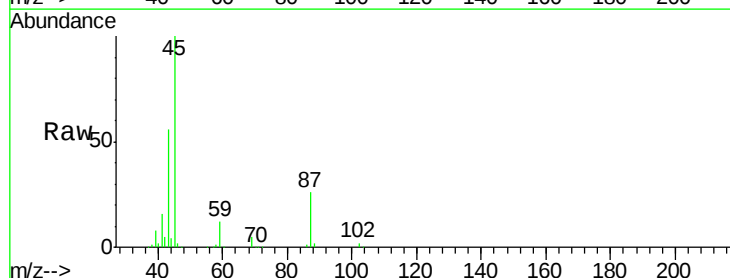
Manual Integrations
APPROVED

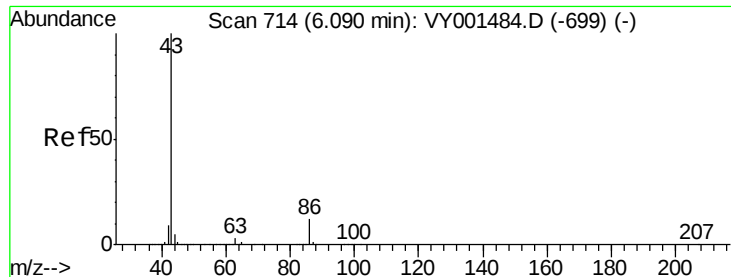
MMDadoda
2/7/2020 4:50:44 PM



#22
Diisopropyl ether
Concen: 23.525 ug/l
RT: 6.16 min Scan# 725
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.4	44.2	66.4
87	25.8	23.9	35.9
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 120.784 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion: 43 Resp: 560346

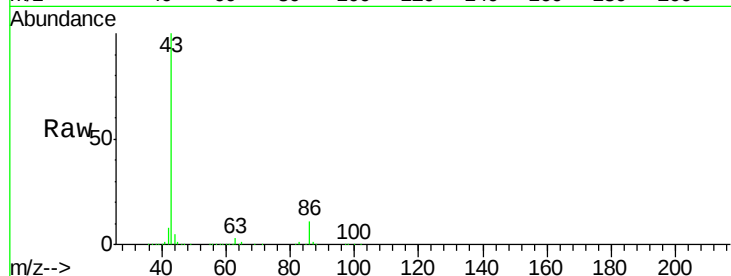
Ion Ratio Lower Upper

43 100

86 10.9 9.8 14.8

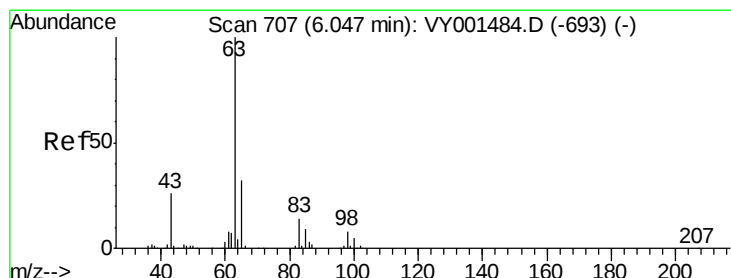
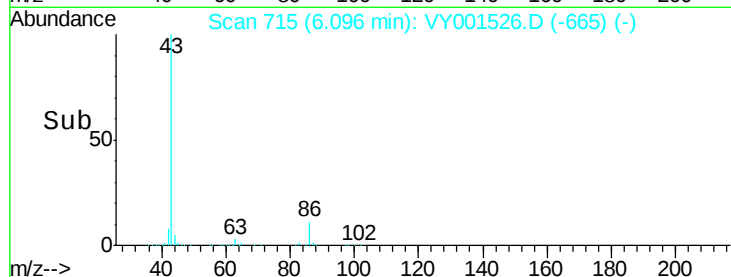
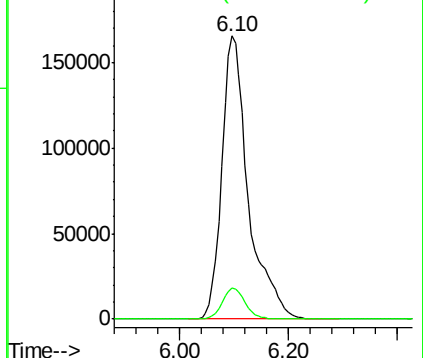
Manual Integrations
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2/7/2020 4:50:44 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.495 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

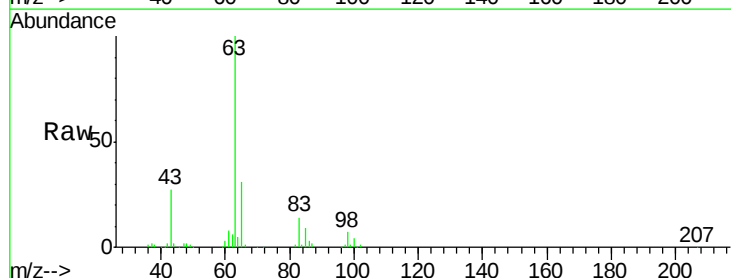
Tgt Ion: 63 Resp: 94223

Ion Ratio Lower Upper

63 100

98 7.2 4.0 11.9

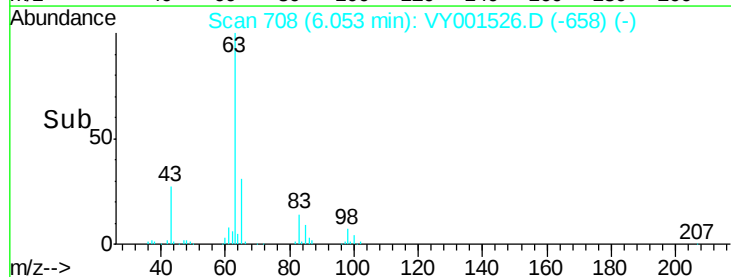
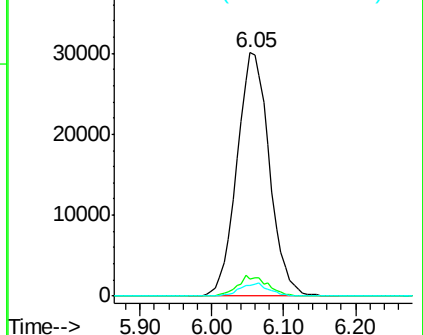
100 4.4 2.6 8.0

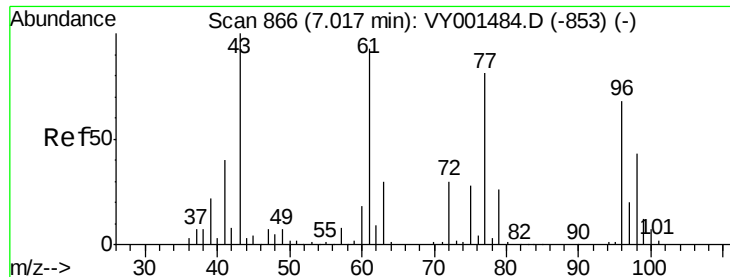


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





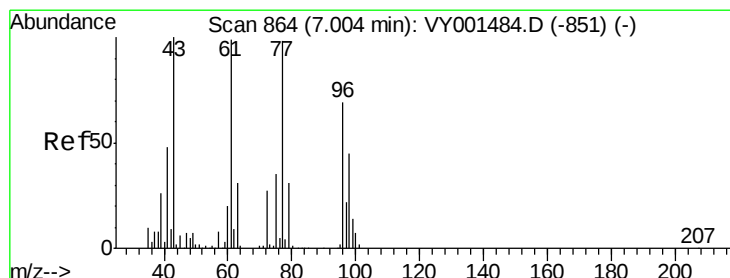
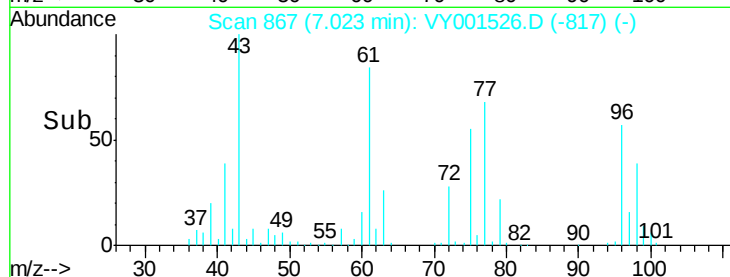
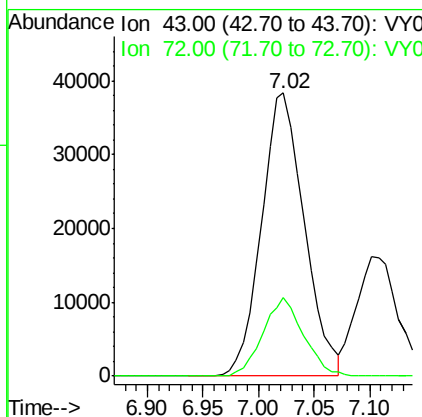
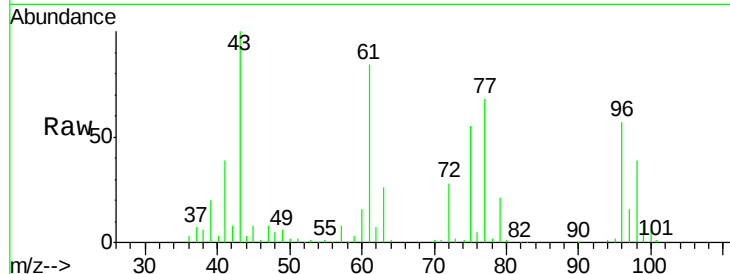
#25
2-Butanone
Concen: 118.740 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion: 43 Resp: 102608
Ion Ratio Lower Upper
43 100
72 27.6 23.8 35.8

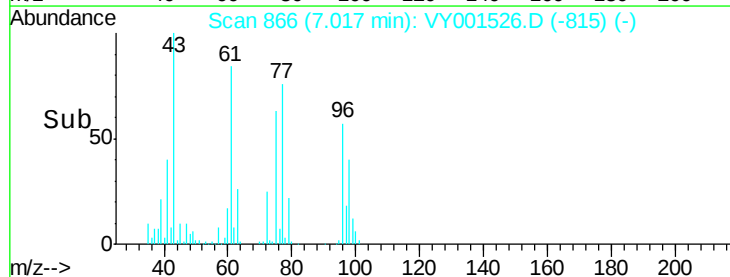
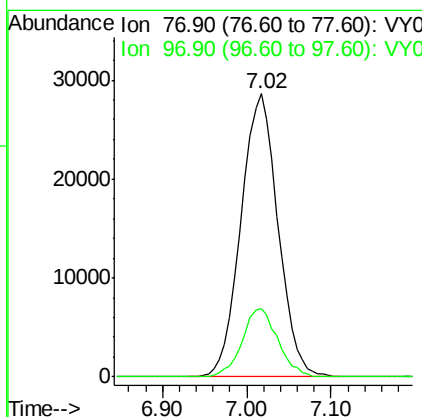
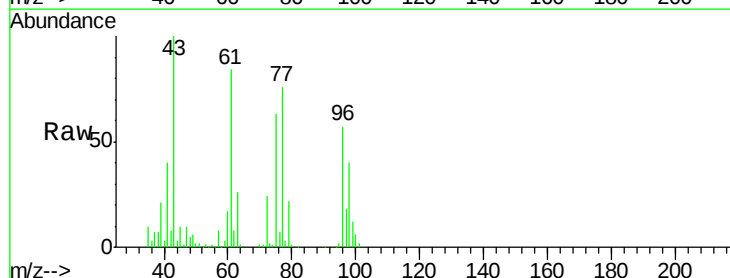
Manual Integrations
APPROVED

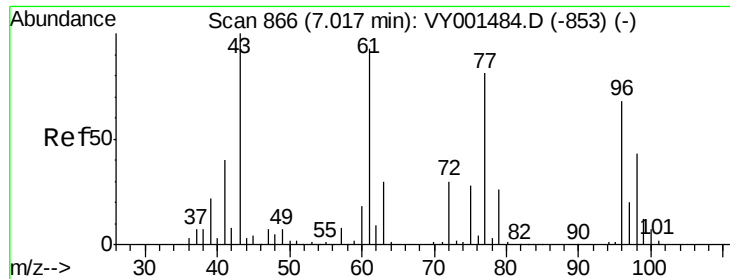
MMDadoda
2/7/2020 4:50:44 PM



#26
2,2-Dichloropropane
Concen: 20.337 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 77 Resp: 85318
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





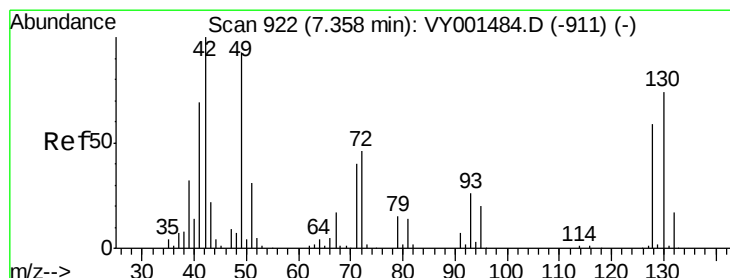
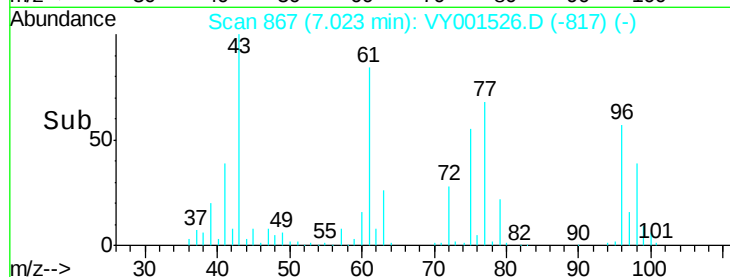
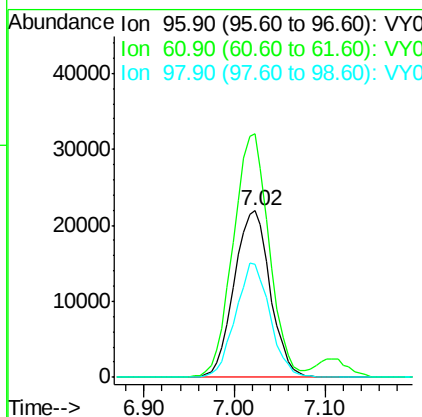
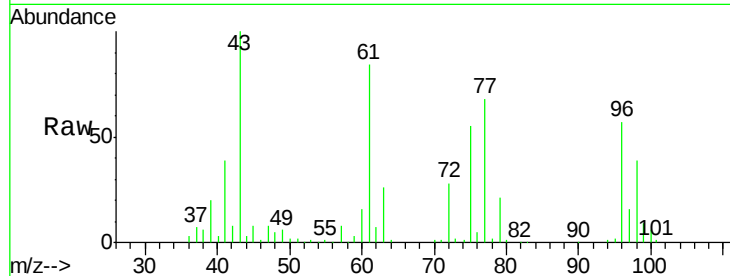
#27
 cis-1,2-Dichloroethene
 Concen: 20.721 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	278.8
98	65.4	0.0	128.8

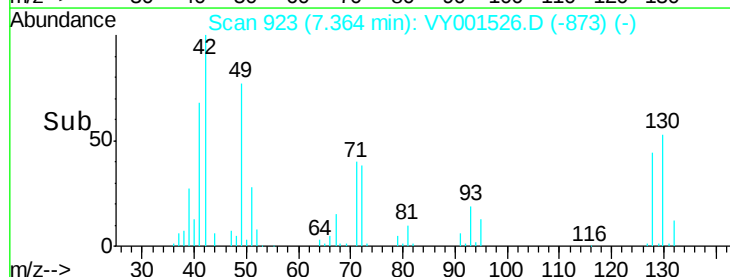
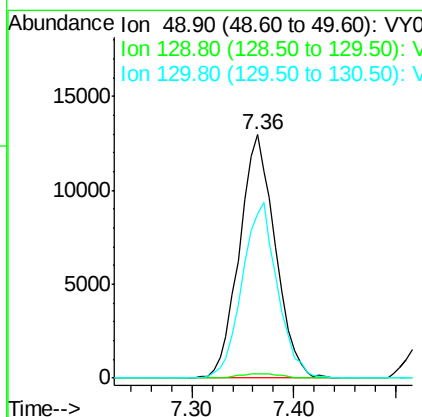
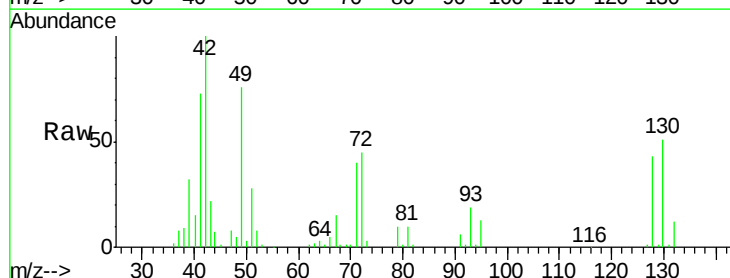
Manual Integrations
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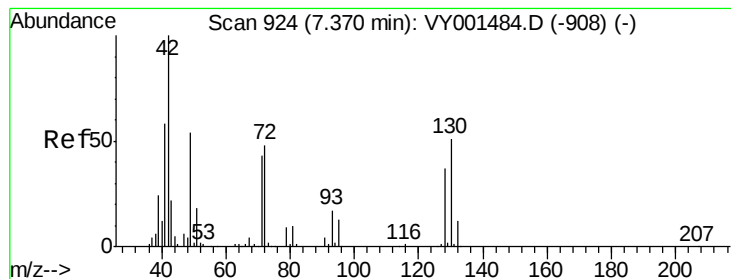
MMDadoda
 2/7/2020 4:50:44 PM



#28
 Bromochloromethane
 Concen: 21.173 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	71.2	65.4	98.2





#29

Tetrahydrofuran

Concen: 123.062 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

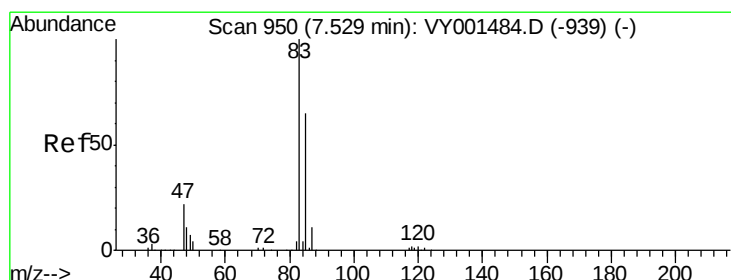
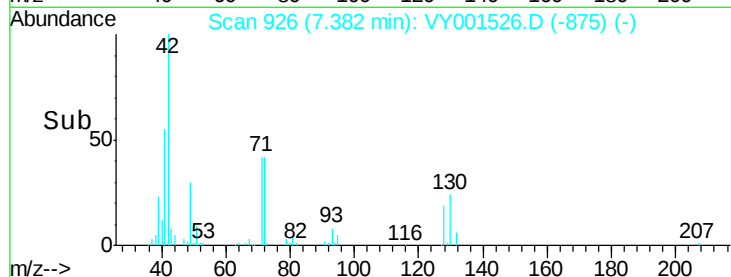
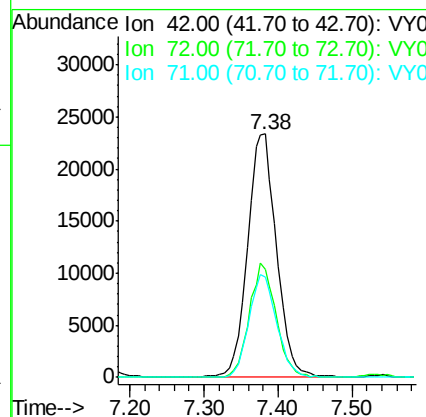
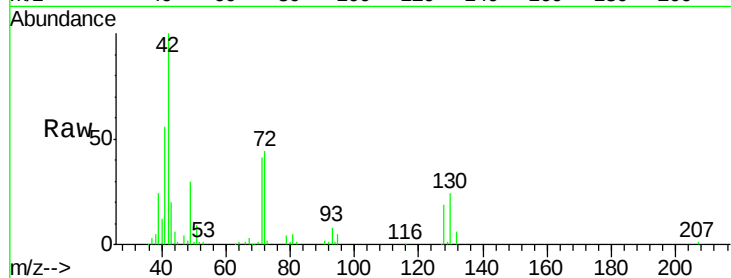
ClientSampleId :

VY0206SBS01

Tot Ion:	42	Resp:	63739
Ion	Ratio	Lower	Upper
42	100		
72	43.4	37.8	56.6
71	40.6	34.8	52.2

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#30

Chloroform

Concen: 20.329 ug/l

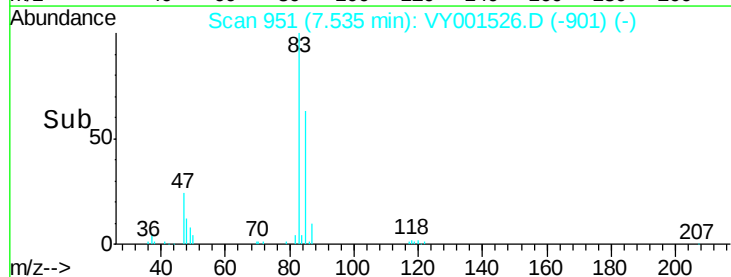
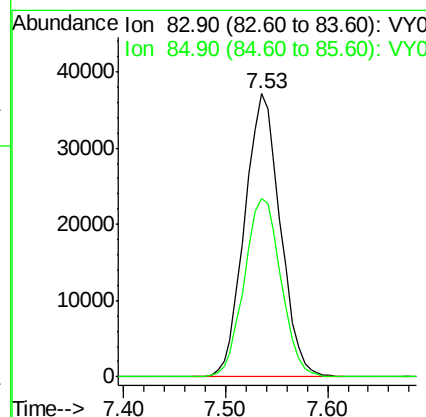
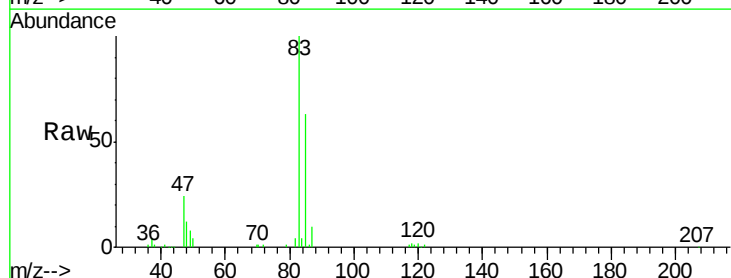
RT: 7.53 min Scan# 951

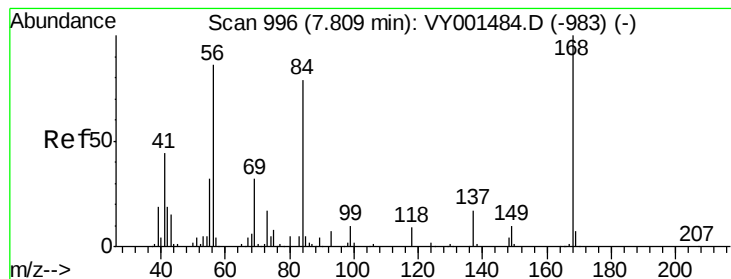
Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion:	83	Resp:	90262
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.4	78.6





#31

Cyclohexane

Concen: 21.989 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

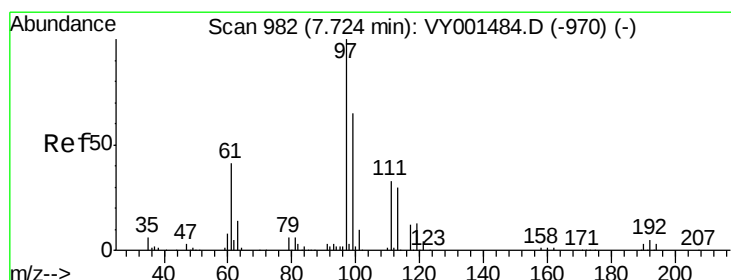
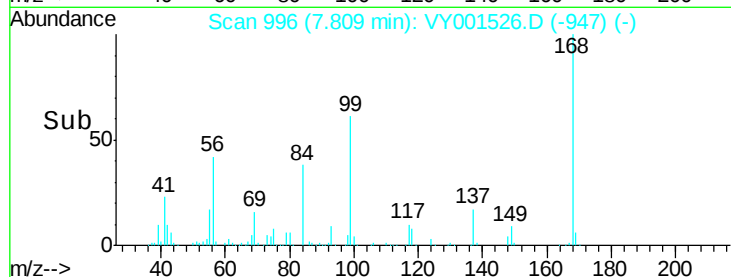
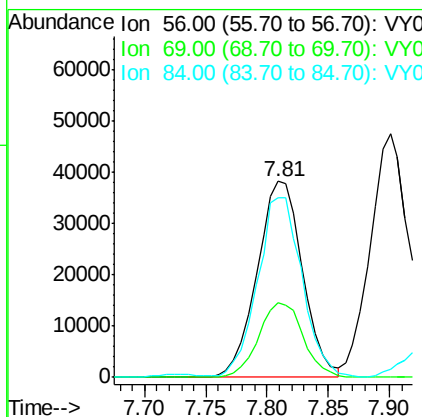
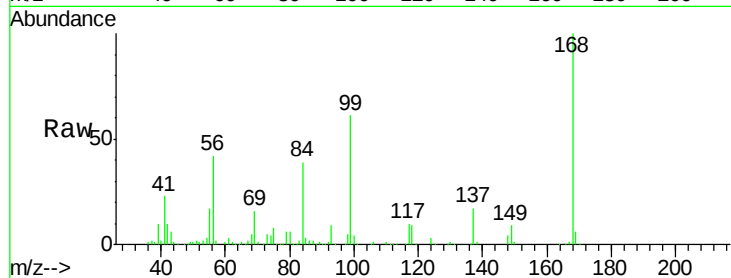
ClientSampleId :

VY0206SBS01

Tot Ion:	56	Resp:	98598
Ion Ratio	Lower	Upper	
56	100		
69	37.8	29.6	44.4
84	90.3	73.6	110.4

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#32

1,1,1-Trichloroethane

Concen: 19.783 ug/l

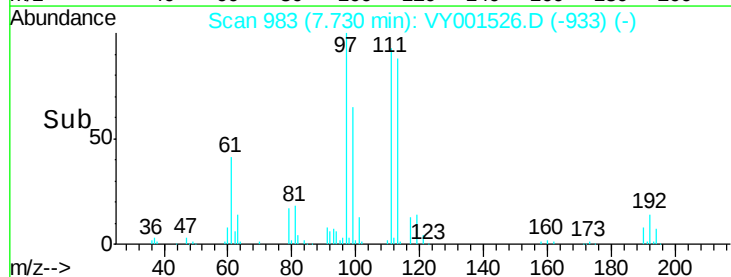
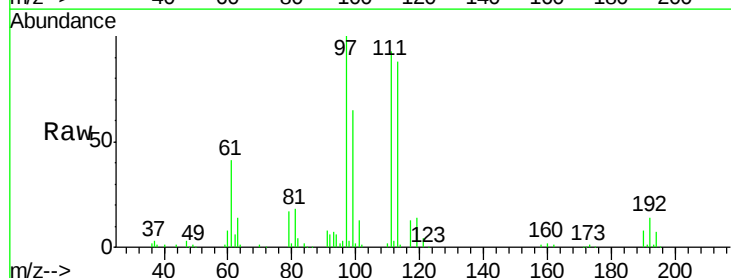
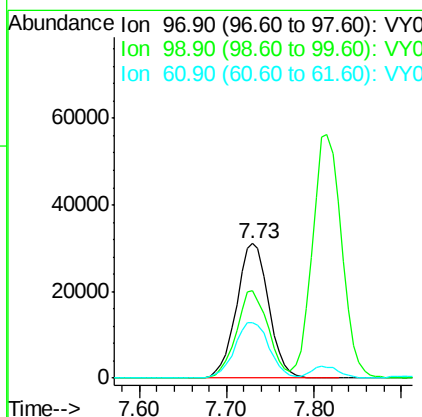
RT: 7.73 min Scan# 983

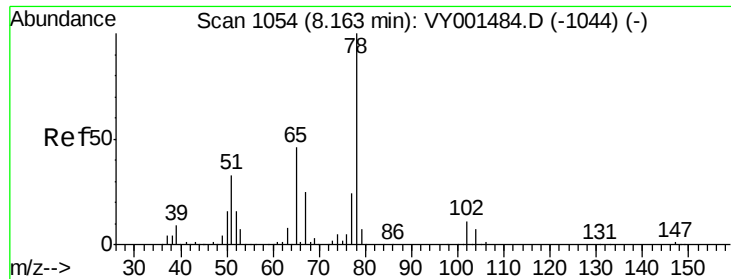
Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion:	97	Resp:	79640
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.8	77.8
61	44.4	32.5	48.7





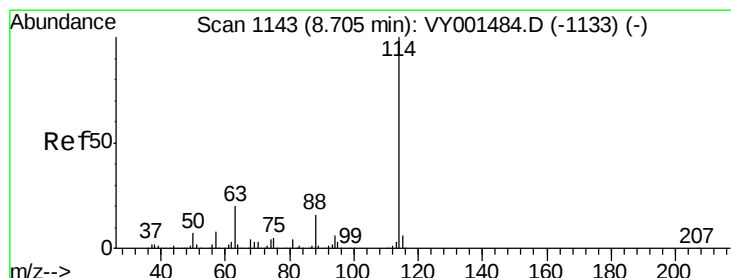
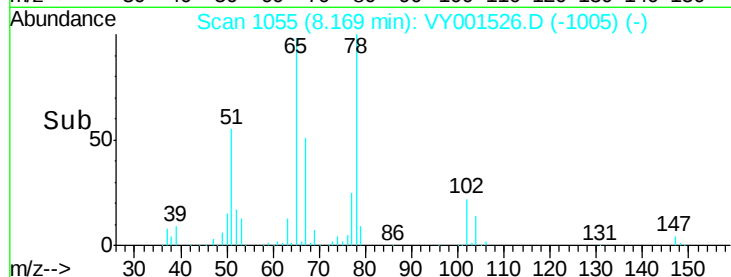
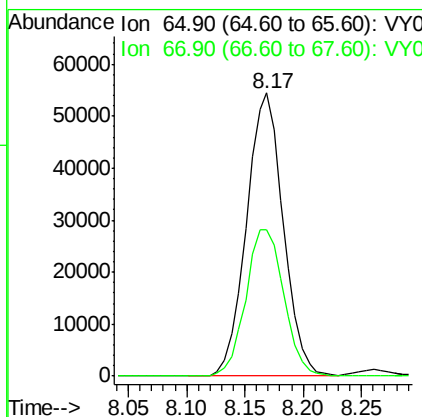
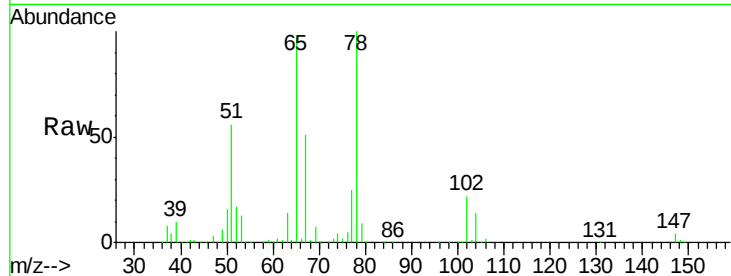
#33
 1,2-Dichloroethane-d4
 Concen: 52.015 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119776		
67	53.8	0.0	108.6	

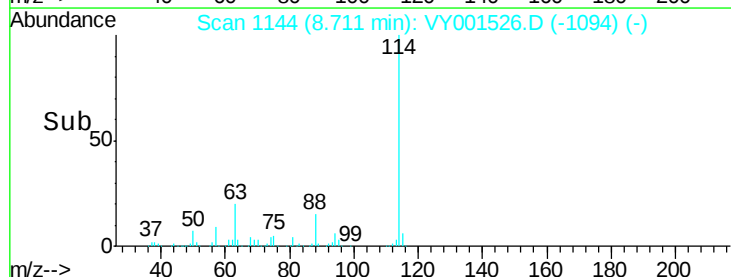
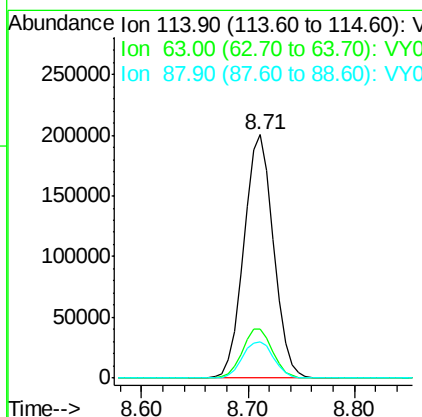
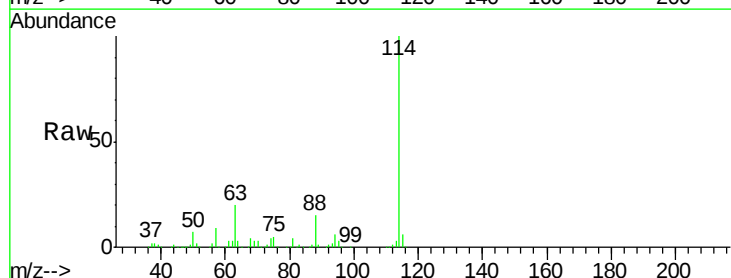
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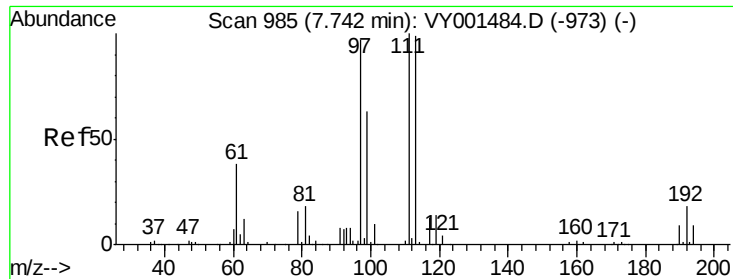
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 2/7/2020 4:50:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	391237		
63	20.0	0.0	39.8	
88	15.0	0.0	32.6	





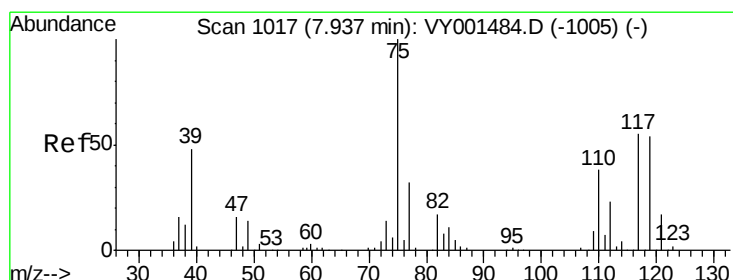
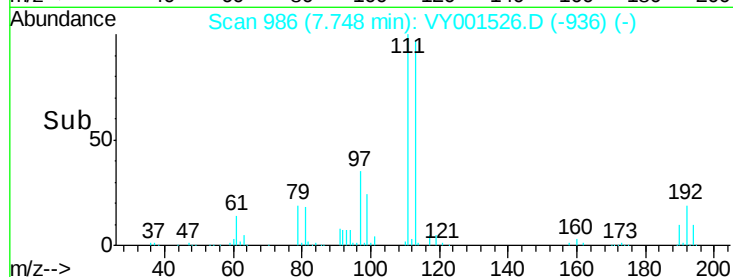
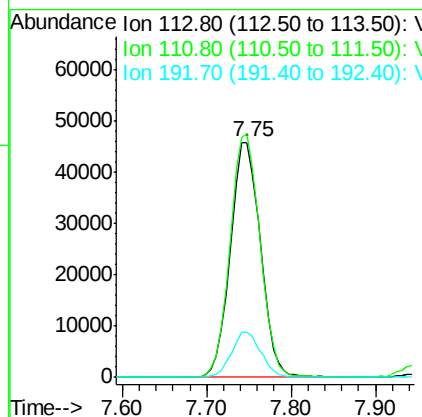
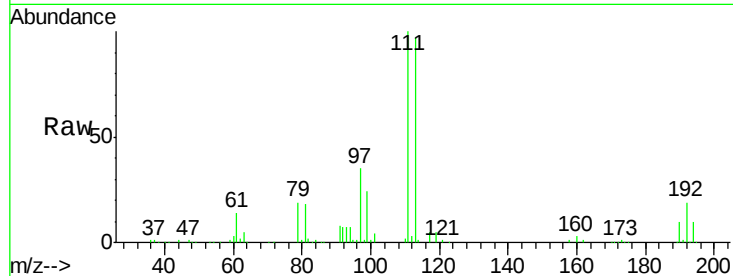
#35
 Dibromofluoromethane
 Concen: 49.137 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110856		
111	103.1	82.9	124.3	
192	18.8	14.6	22.0	

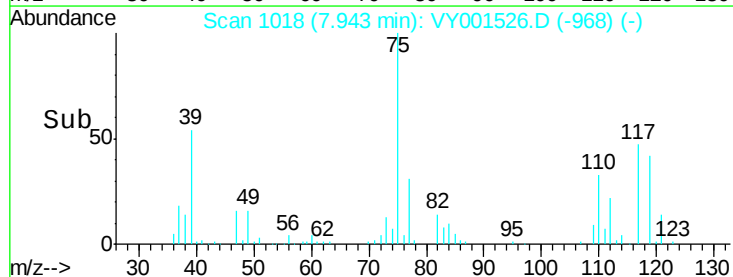
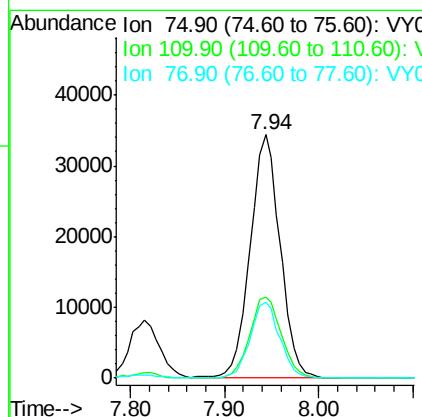
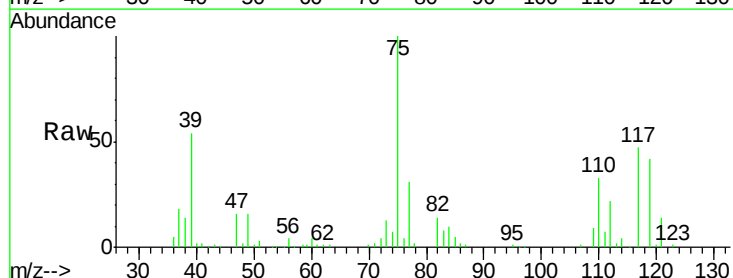
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#36
 1,1-Dichloropropene
 Concen: 21.582 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77242		
110	34.8	18.2	54.6	
77	30.9	25.0	37.4	





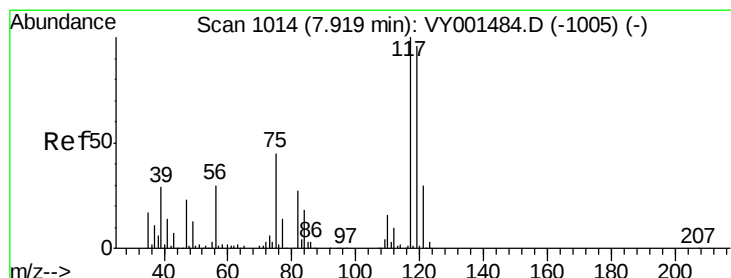
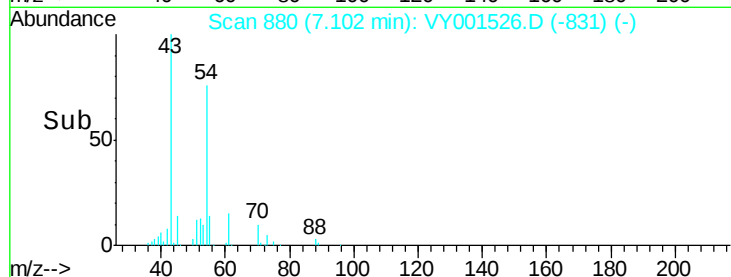
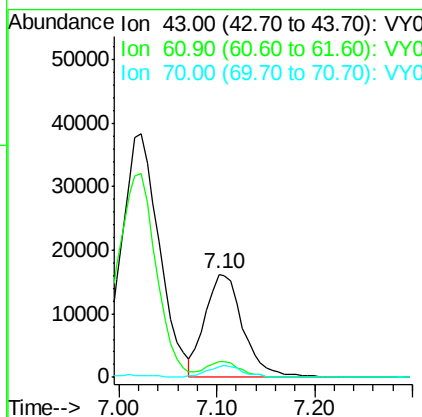
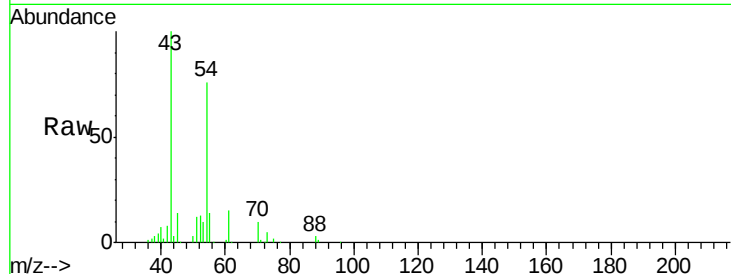
#37
Ethyl Acetate
Concen: 25.269 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.0	18.0
70	10.9	10.2	15.4

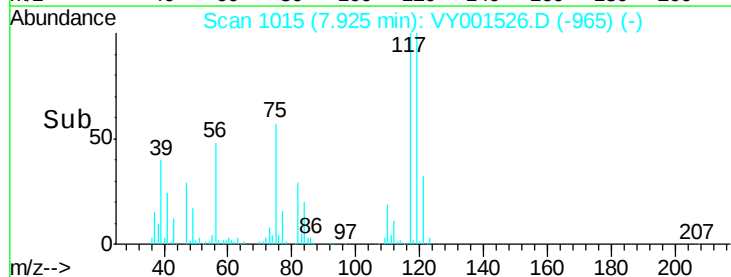
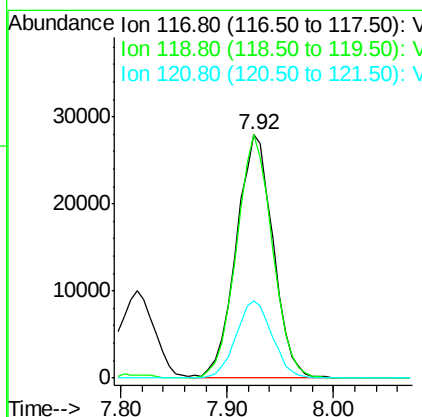
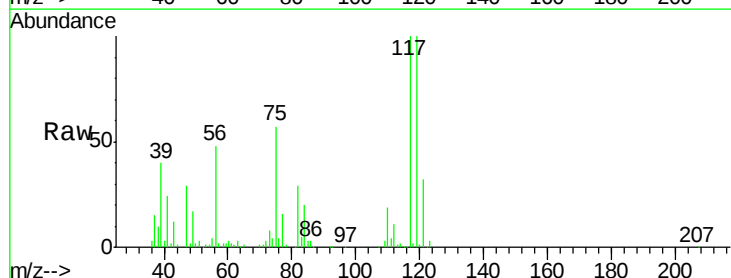
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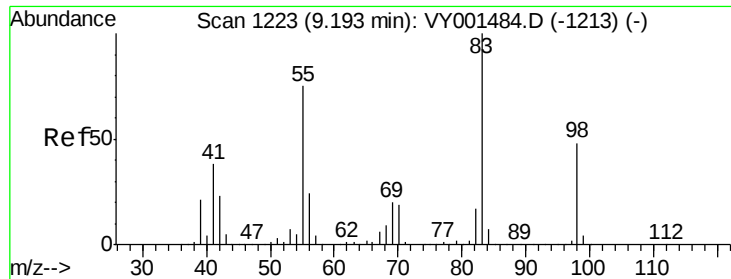
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#38
Carbon Tetrachloride
Concen: 19.645 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	76.4	114.6
121	31.5	24.2	36.4





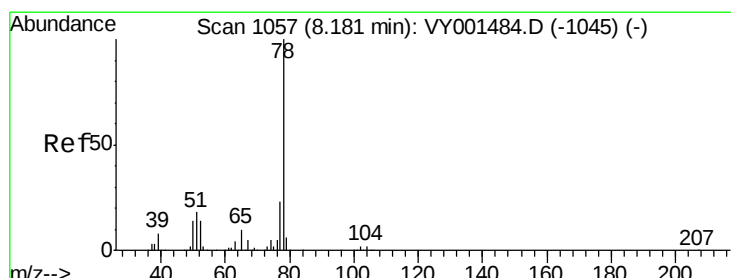
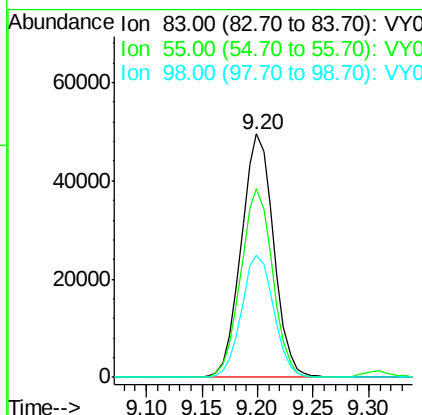
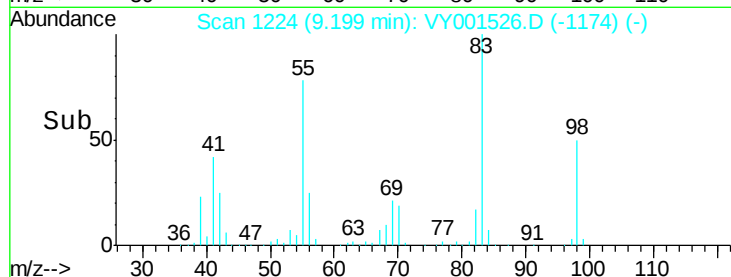
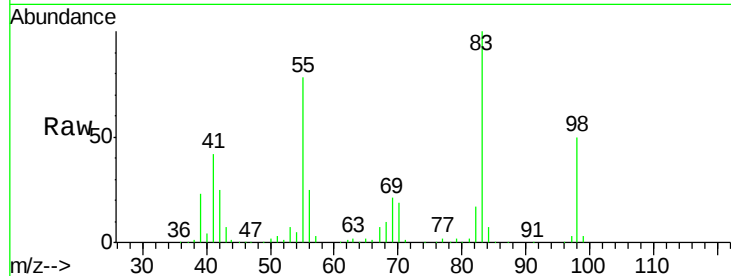
#39
Methvlcvclohexane
Concen: 21.279 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.7	59.8	89.6	
98	50.3	38.6	57.8	

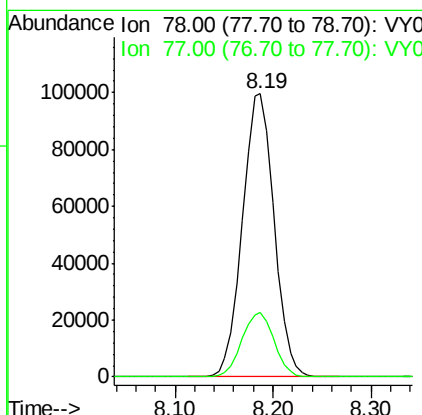
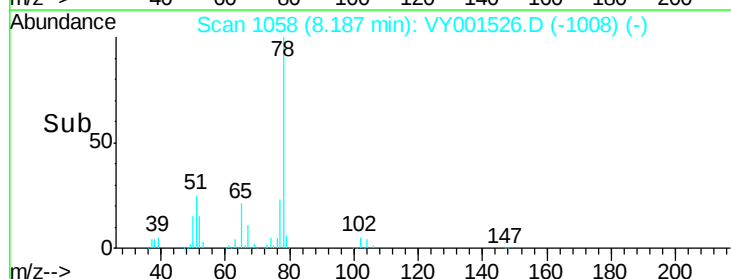
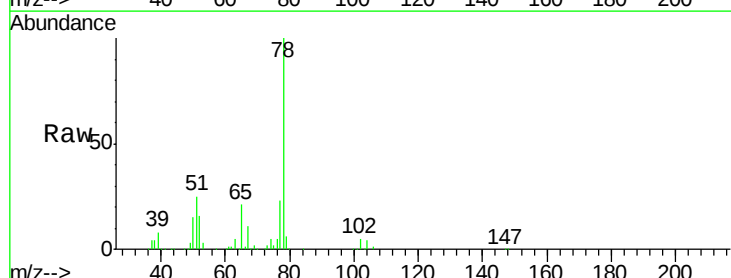
Manual Integrations
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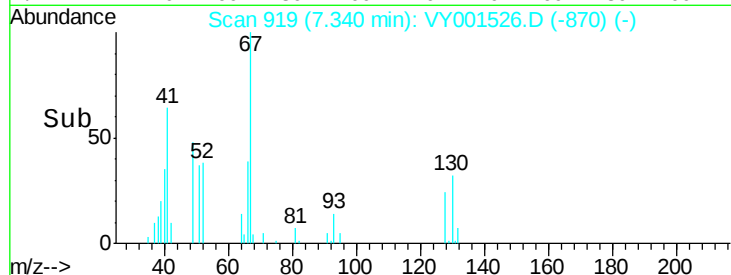
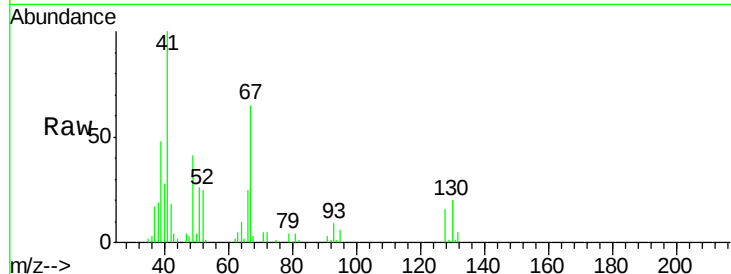
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#40
Benzene
Concen: 21.876 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7	18.5	27.7	





#41

Methacrylonitrile

Concen: 23.132 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tot Ion	41	Resp	18575
Ion Ratio	Lower	Upper	
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

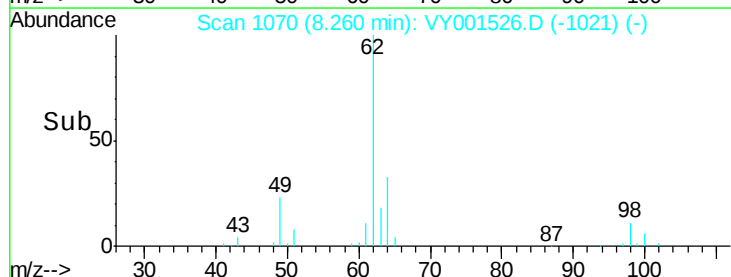
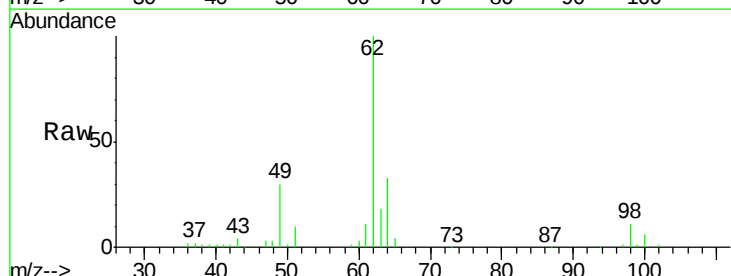
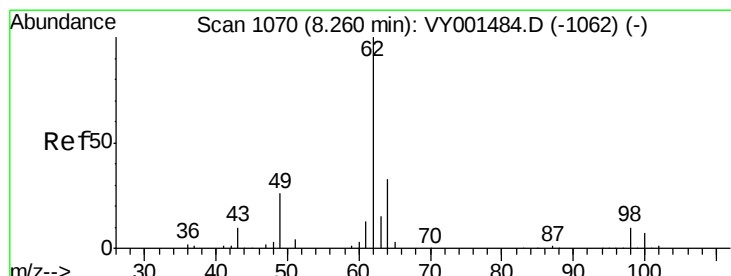
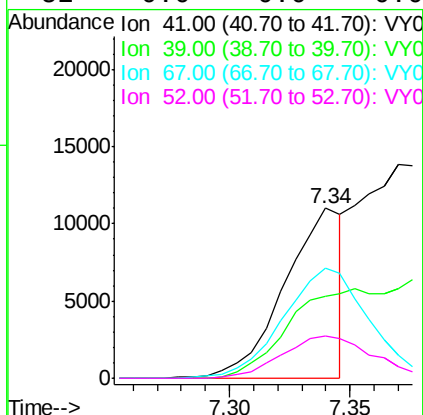
MSVOA_Y

ClientSampleId :

VY0206SBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.525 ug/l

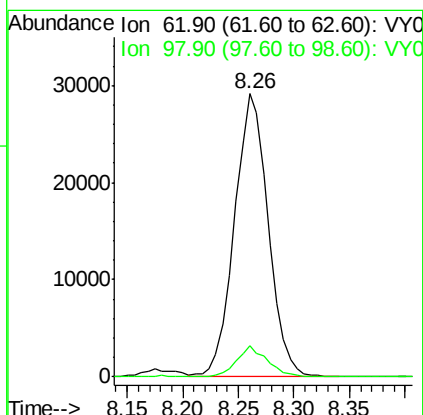
RT: 8.26 min Scan# 1070

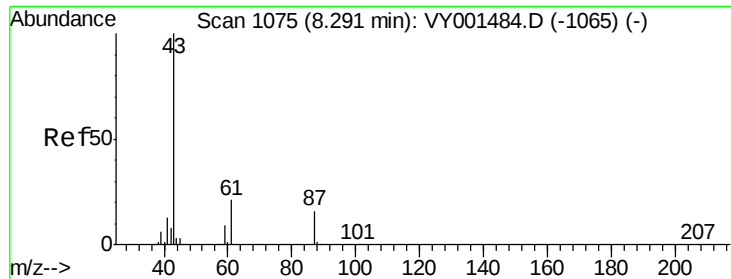
Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion	62	Resp	61220
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	21.0





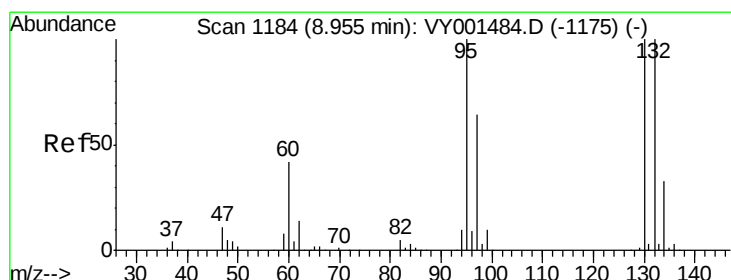
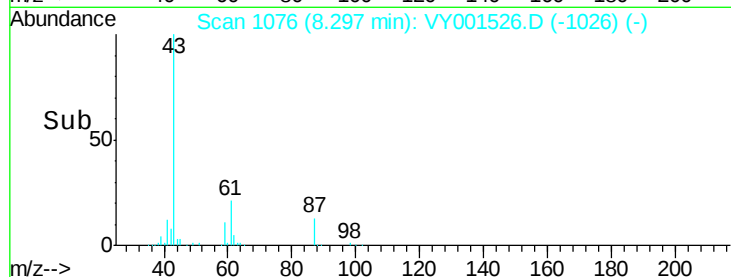
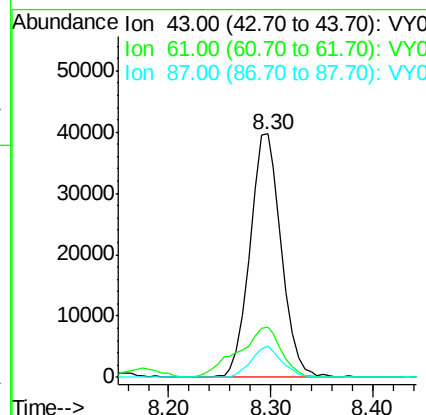
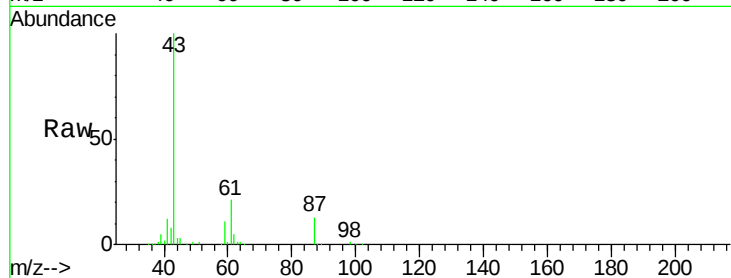
#43
Isopropyl Acetate
Concen: 24.617 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.7	25.1	37.7
87	12.6	12.6	19.0

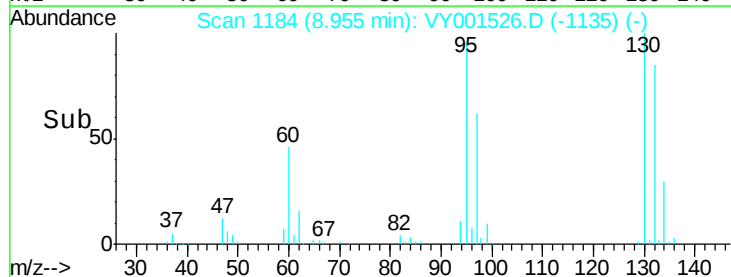
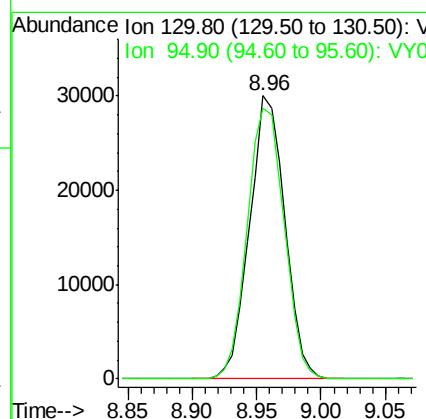
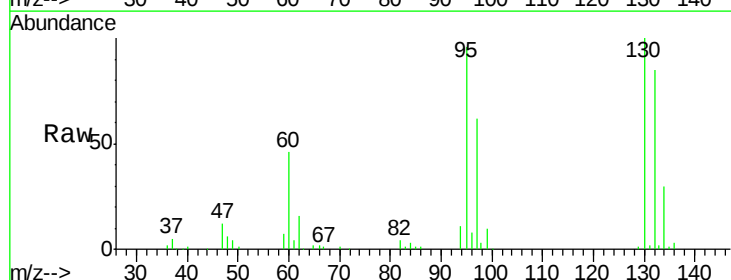
Manual Integrations
APPROVED

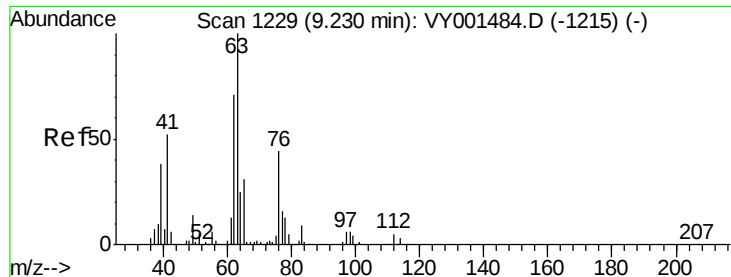
MMDadoda
2/7/2020 4:50:44 PM



#44
Trichloroethene
Concen: 20.674 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	199.2





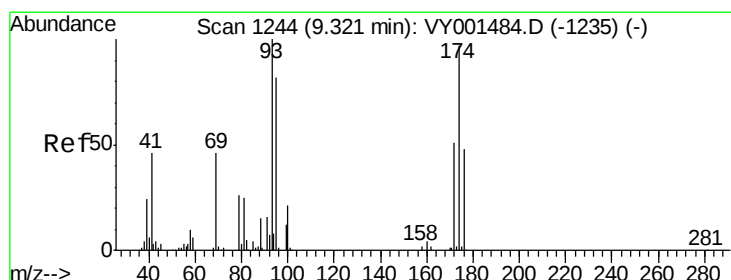
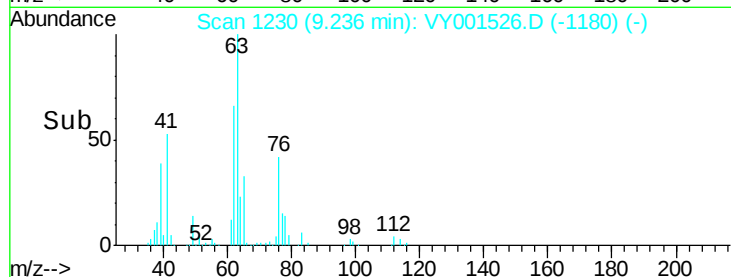
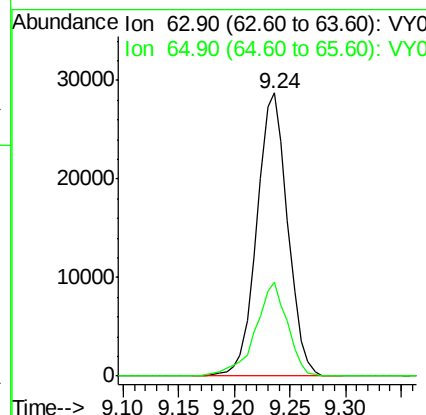
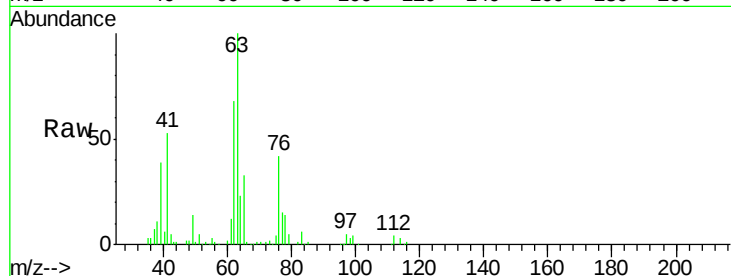
#45
 1,2-Dichloropropane
 Concen: 22.516 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.0	37.4

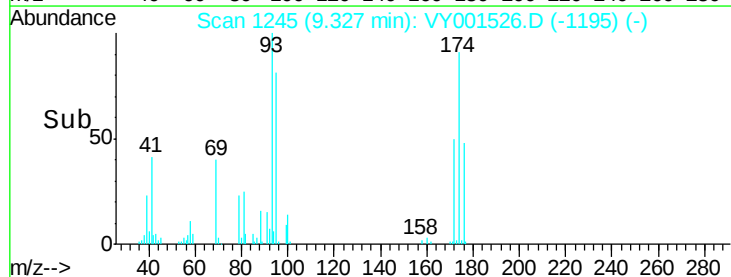
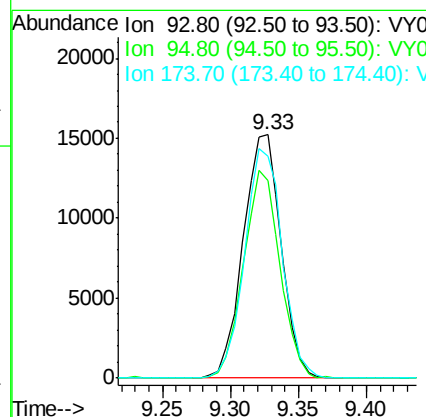
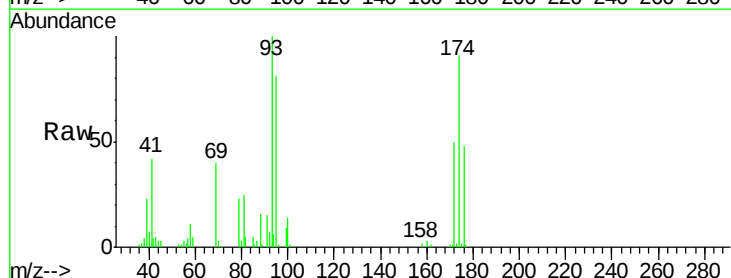
Manual Integrations
 APPROVED

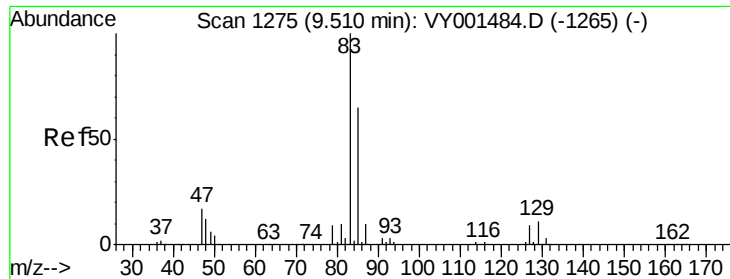
MMDadoda
 2/7/2020 4:50:44 PM



#46
 Dibromomethane
 Concen: 21.415 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.6	99.8
174	93.9	75.4	113.2





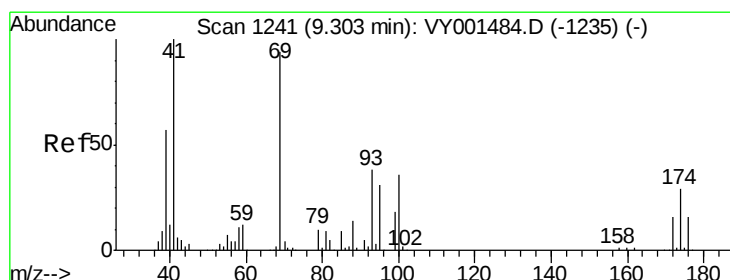
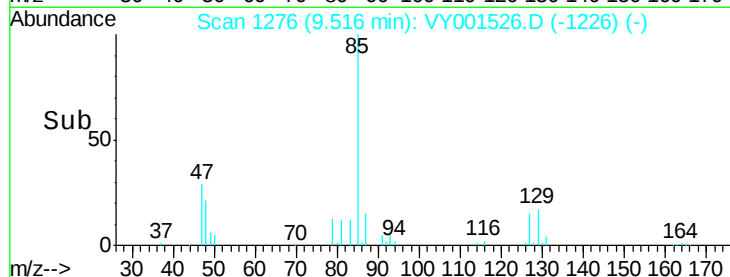
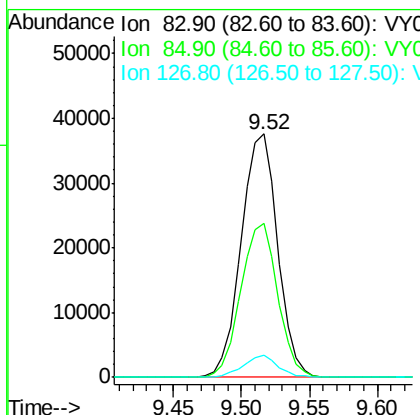
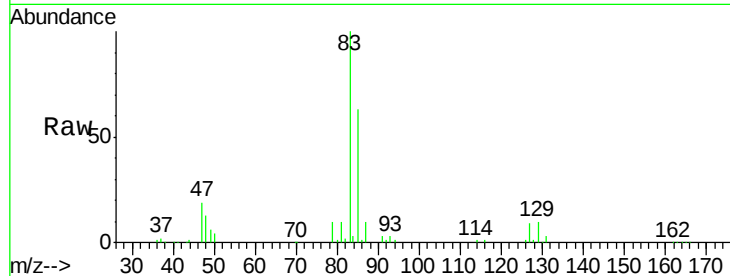
#47
Bromodichloromethane
Concen: 20.909 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	83	Resp	70520
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	51.9	77.9
127	9.2	6.9	10.3

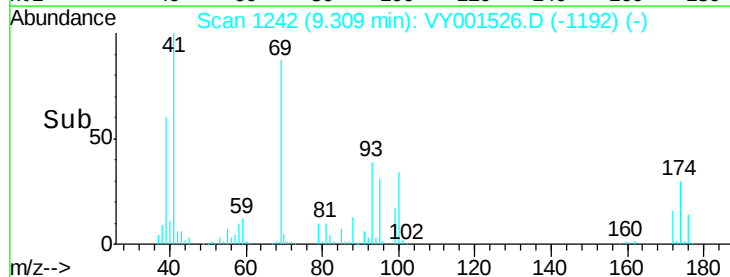
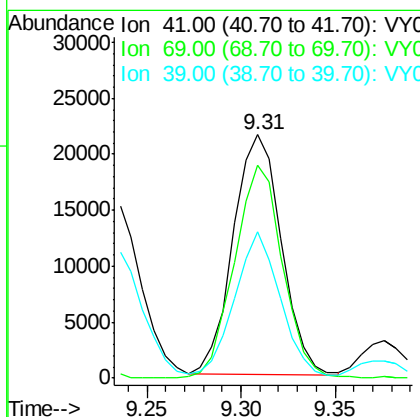
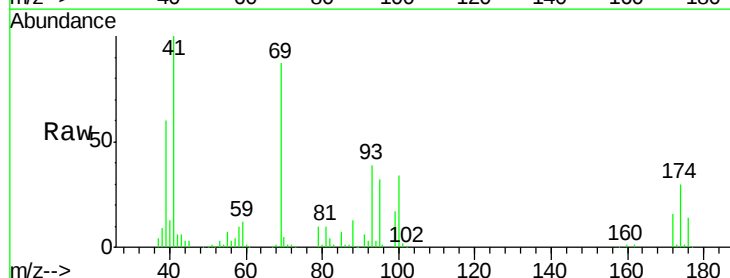
Manual Integrations
APPROVED

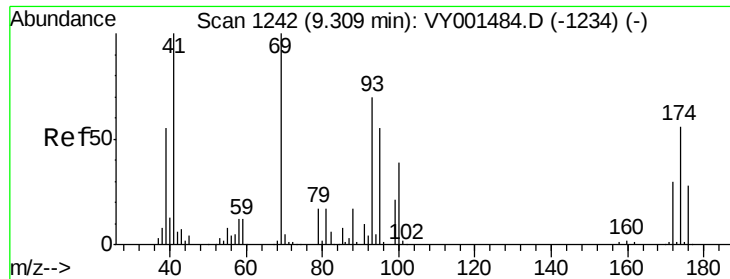
MMDadoda
2/7/2020 4:50:44 PM



#48
Methyl methacrylate
Concen: 24.388 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	41	Resp	37972
Ion Ratio	100	Lower	Upper
41	100		
69	88.7	76.6	114.8
39	58.7	45.4	68.0





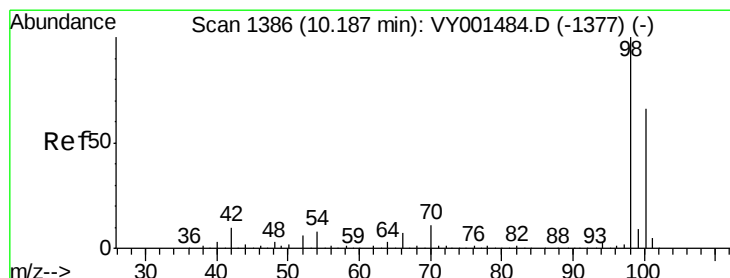
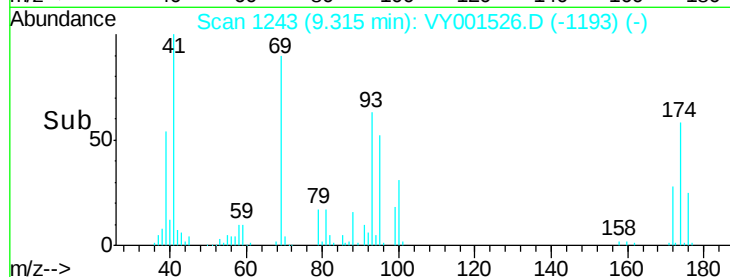
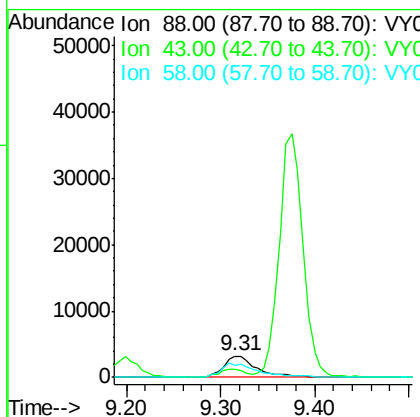
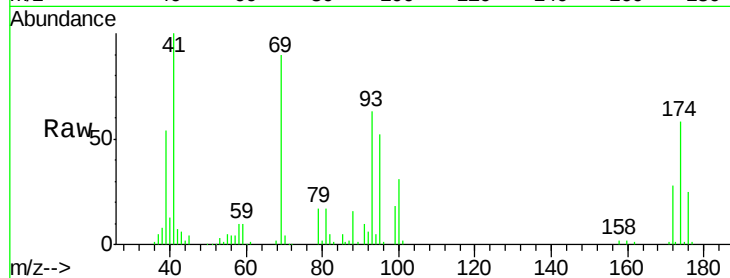
#49
1,4-Dioxane
Concen: 427.876 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	24.8	37.2
58	75.0	59.3	88.9

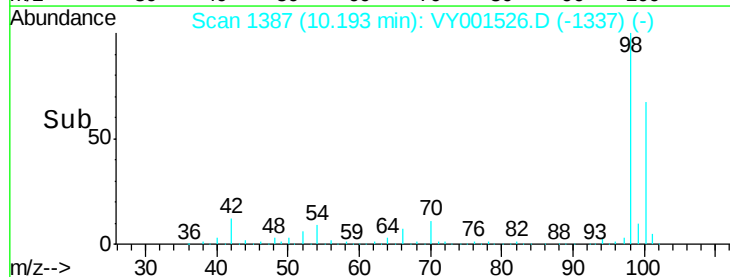
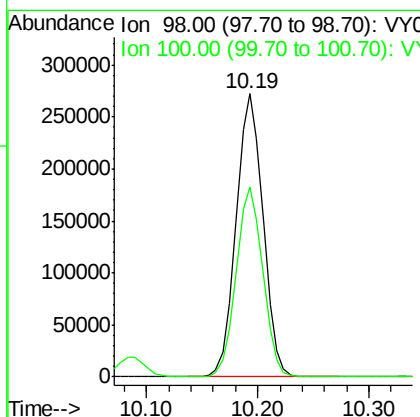
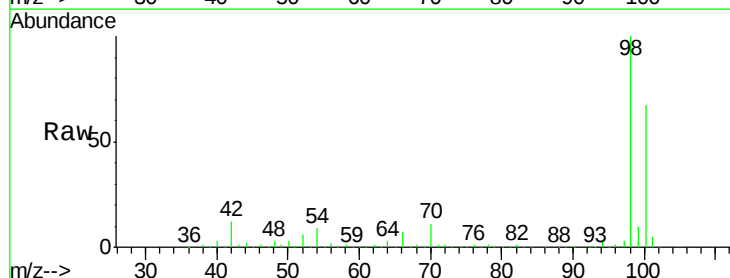
Manual Integrations
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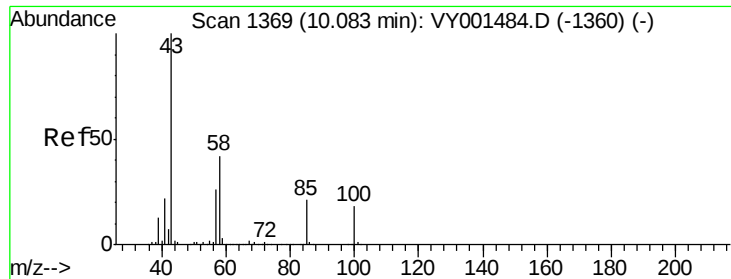
MMDadoda
2/7/2020 4:50:44 PM



#50
Toluene-d8
Concen: 53.190 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 126.195 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion: 43 Resp: 213197

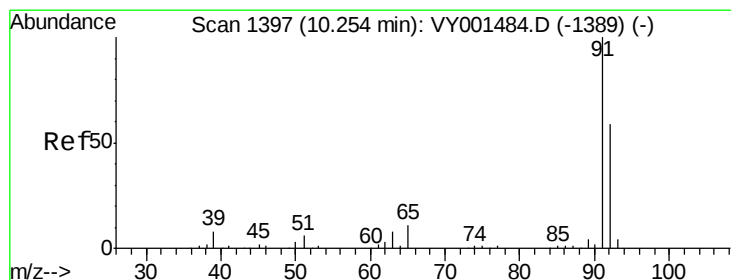
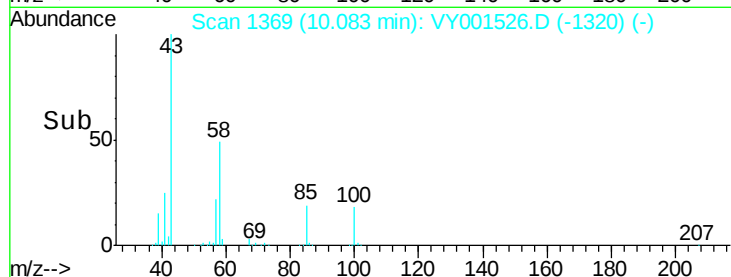
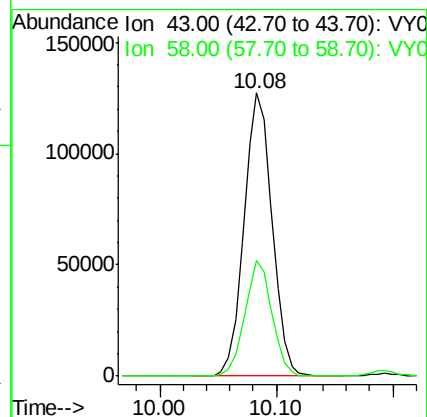
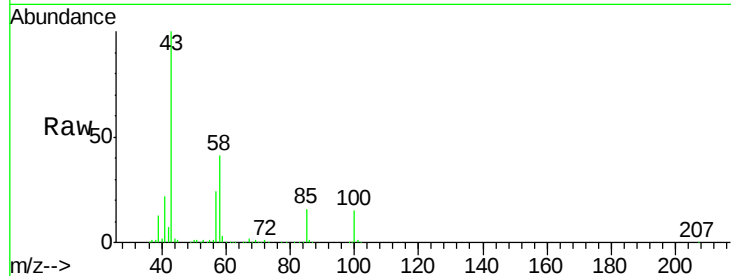
Ion Ratio Lower Upper

43 100

58 39.7 33.9 50.9

Manual Integrations
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2/7/2020 4:50:44 PM



#52

Toluene

Concen: 21.478 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001526.D

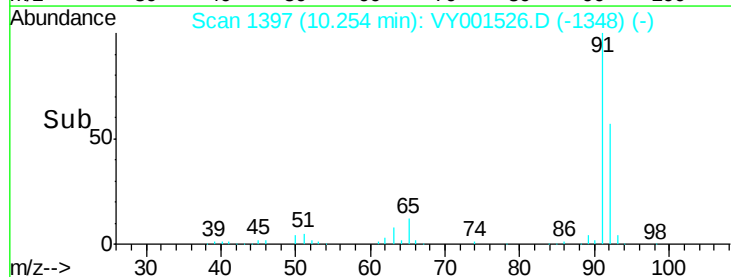
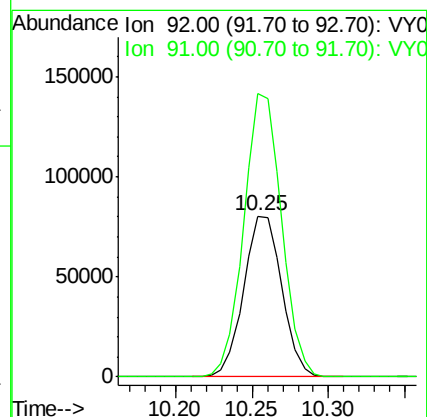
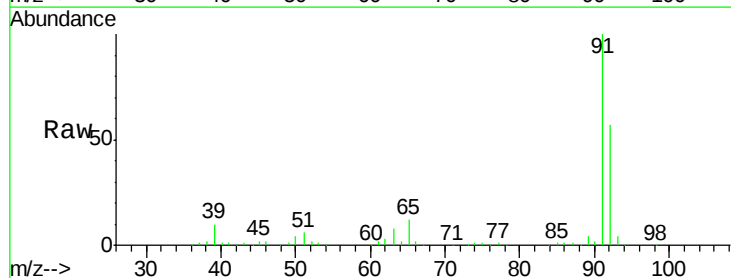
Acq: 06 Feb 2020 13:36

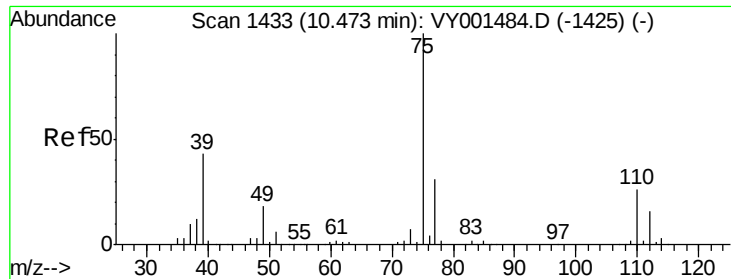
Tgt Ion: 92 Resp: 139123

Ion Ratio Lower Upper

92 100

91 174.6 136.6 204.8





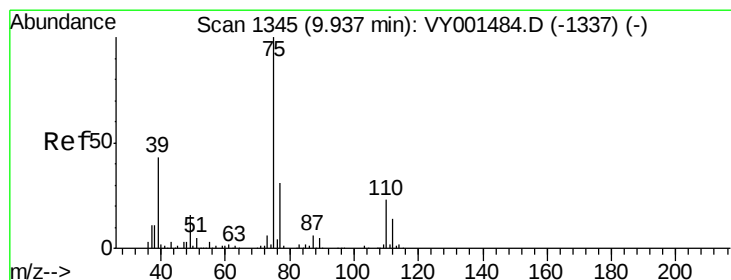
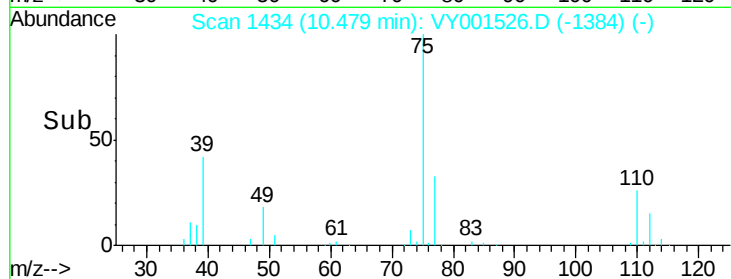
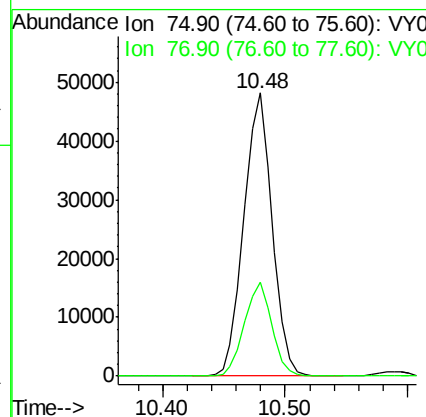
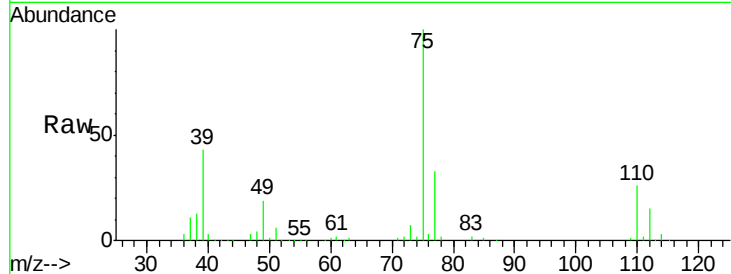
#53
 t-1,3-Dichloropropene
 Concen: 21.011 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion: 75 Resp: 77184
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.9 37.3

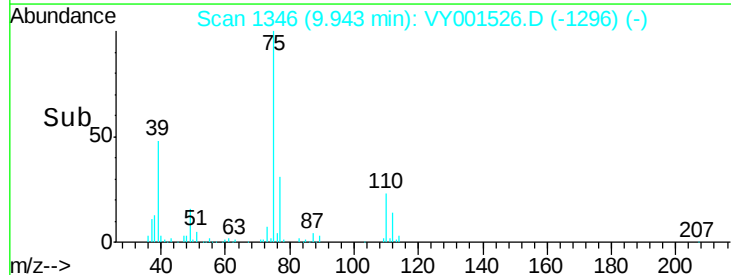
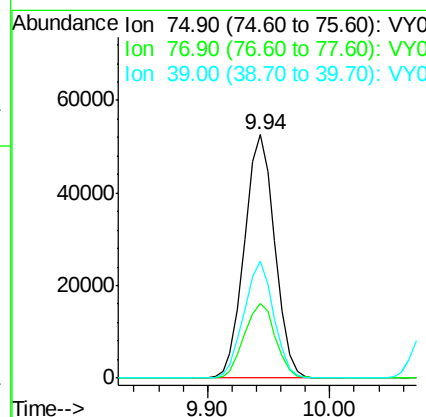
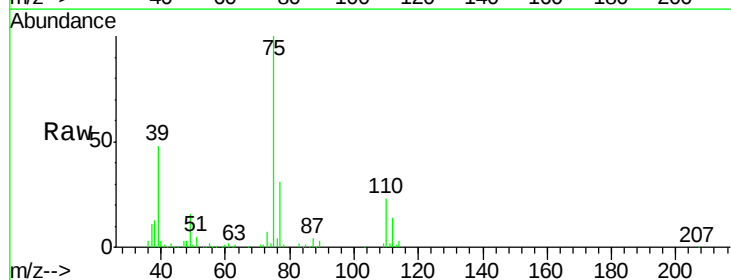
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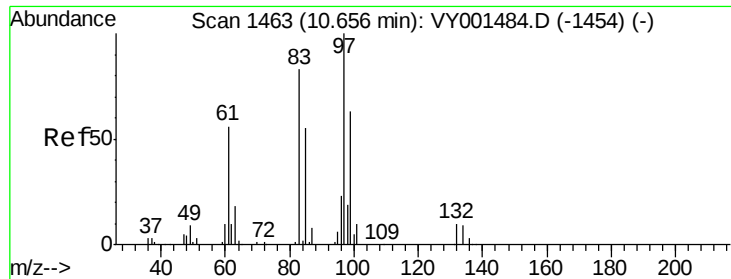
MMDadoda
 2/7/2020 4:50:44 PM



#54
 cis-1,3-Dichloropropene
 Concen: 21.489 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion: 75 Resp: 90626
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.7 37.1
 39 47.8 34.0 51.0





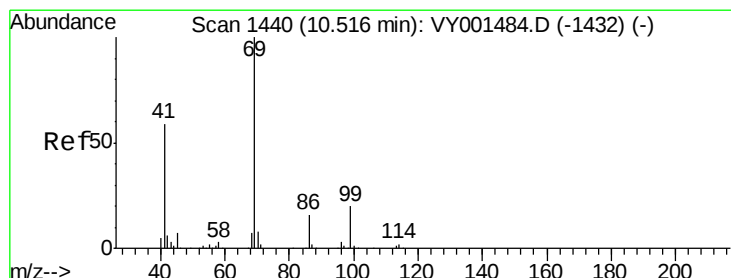
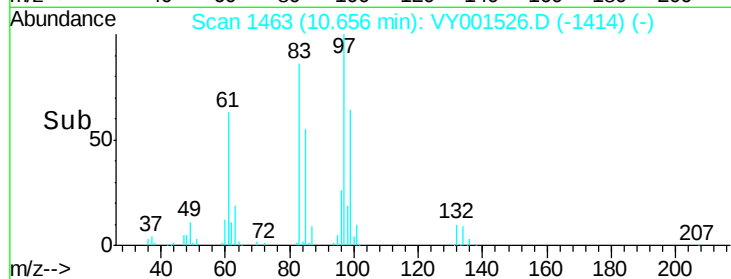
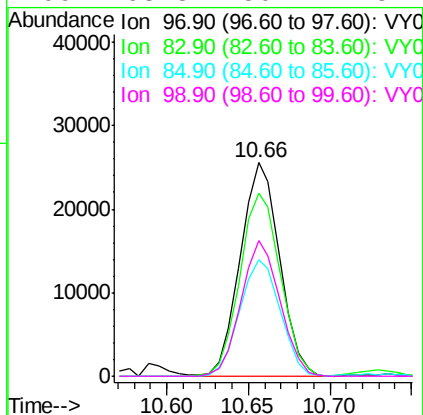
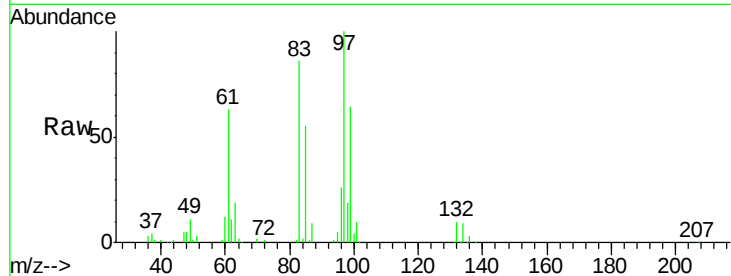
#55
 1,1,2-Trichloroethane
 Concen: 21.630 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion:	97	Resp:	42958
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.2	99.2
85	54.2	43.8	65.6
99	63.8	50.1	75.1

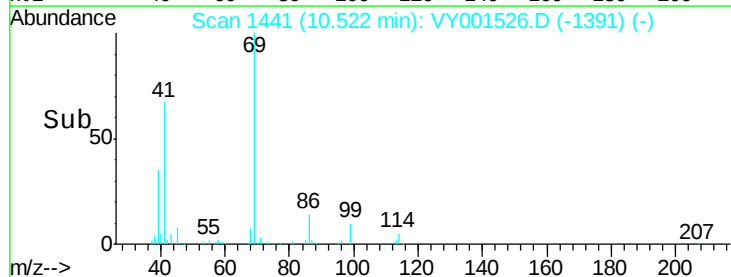
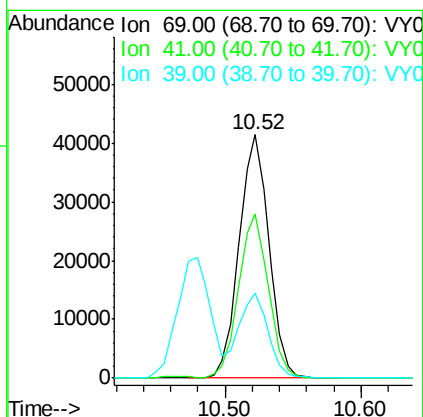
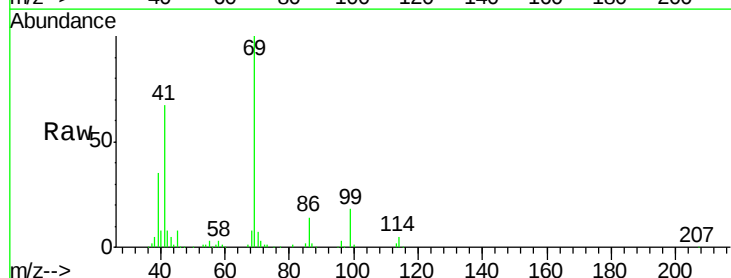
Manual Integrations
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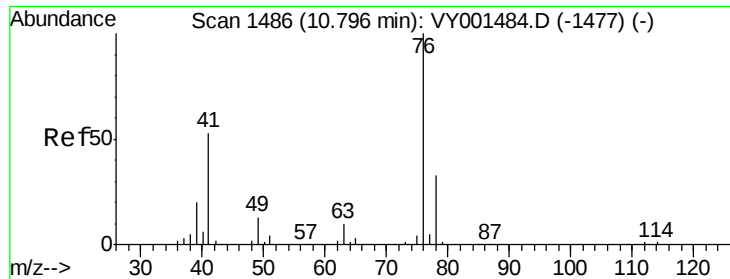
MMDadoda
 2/7/2020 4:50:44 PM



#56
 Ethyl methacrylate
 Concen: 22.471 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion:	69	Resp:	63477
Ion	Ratio	Lower	Upper
69	100		
41	66.7	47.8	71.8
39	34.6	24.4	36.6





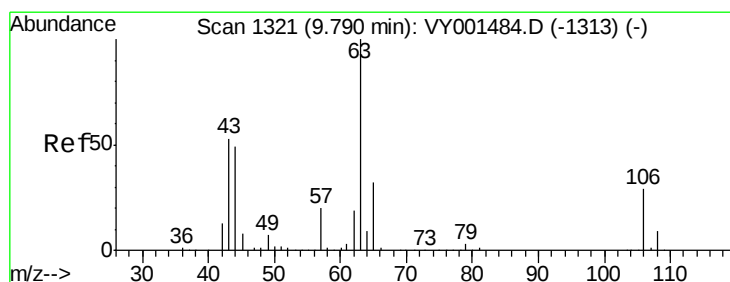
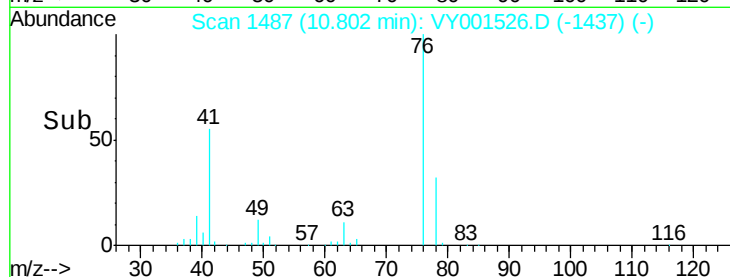
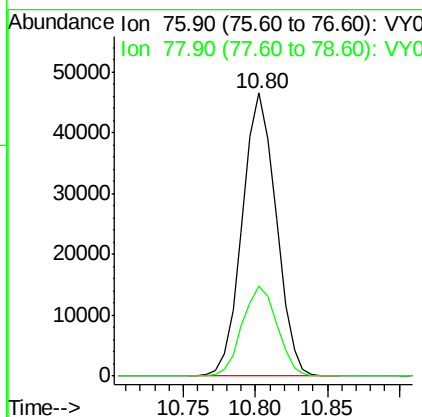
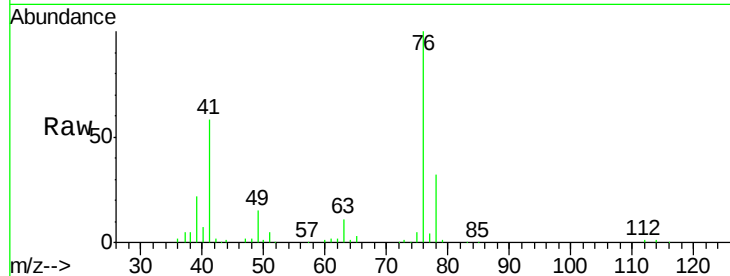
#57
 1,3-Dichloropropane
 Concen: 21.690 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion: 76 Resp: 75937
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

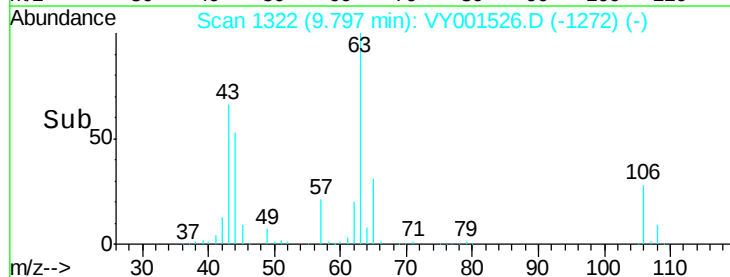
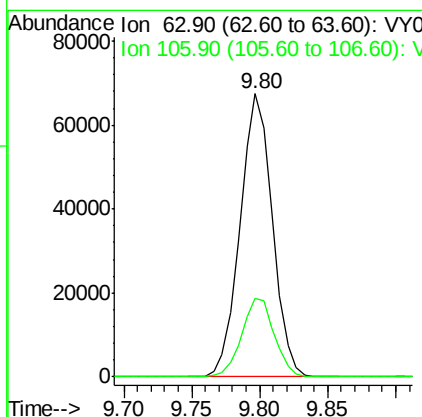
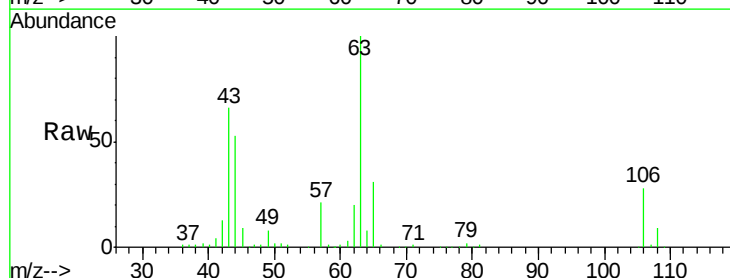
Manual Integrations
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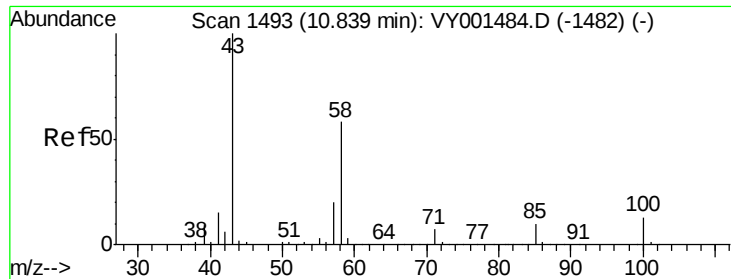
MMDadoda
 2/7/2020 4:50:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.663 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion: 63 Resp: 111881
 Ion Ratio Lower Upper
 63 100
 106 28.0 24.0 36.0





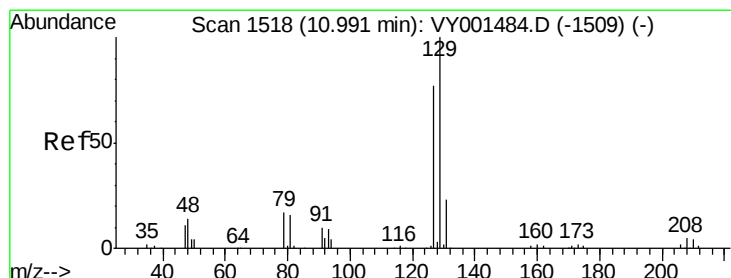
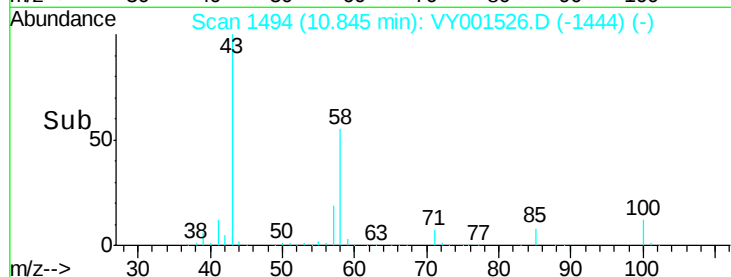
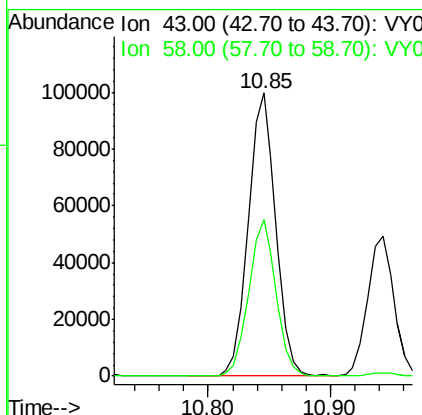
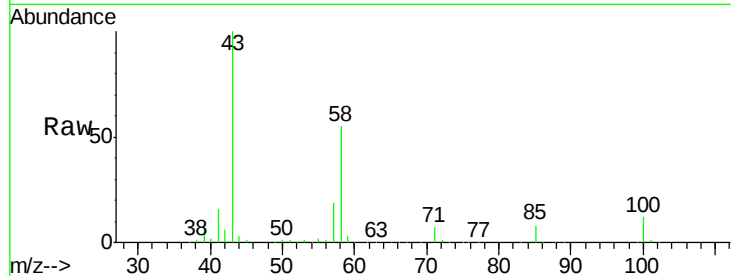
#59
2-Hexanone
Concen: 126.695 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion: 43 Resp: 155627
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0

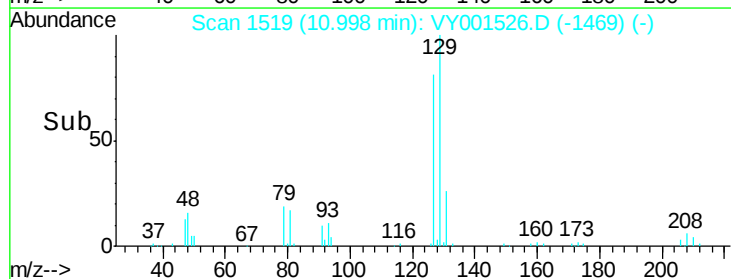
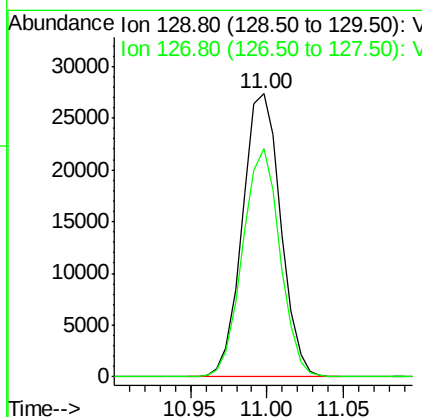
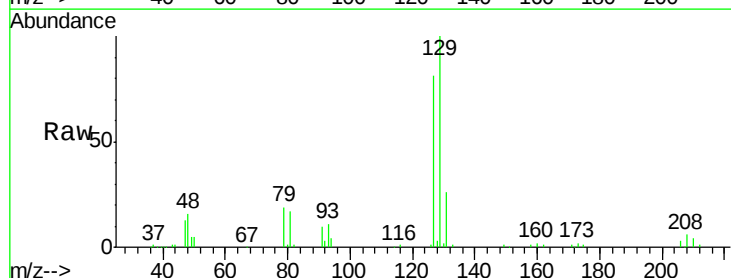
Manual Integrations
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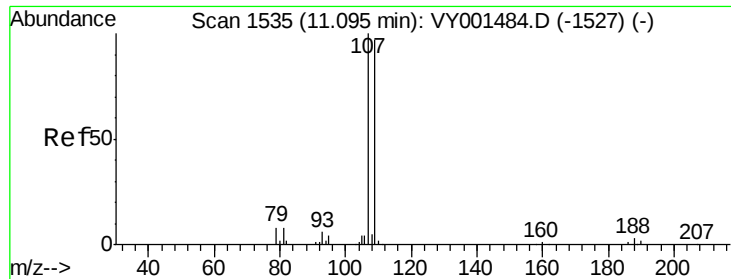
MMDadoda
2/7/2020 4:50:44 PM



#60
Dibromochloromethane
Concen: 20.333 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 129 Resp: 47601
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





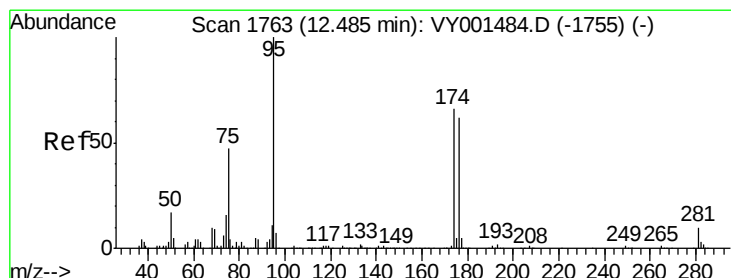
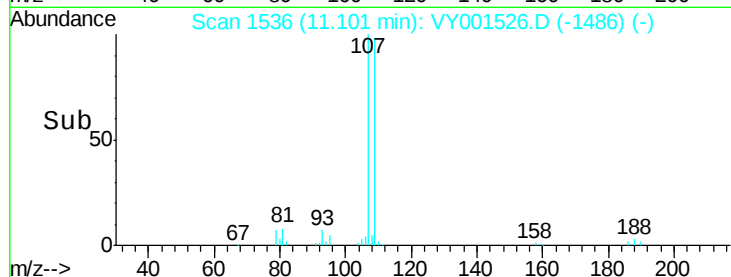
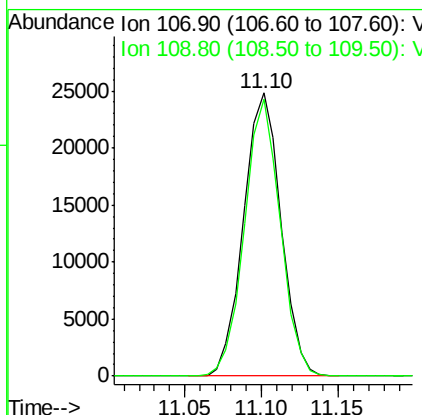
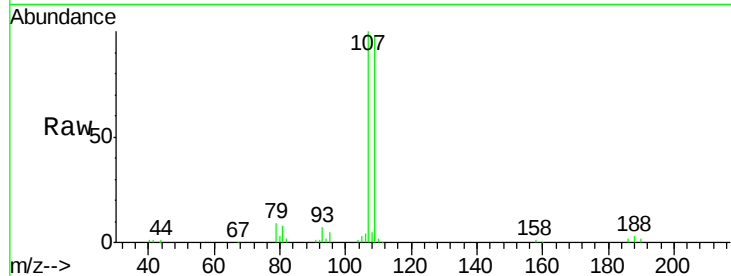
#61
 1,2-Dibromoethane
 Concen: 21.537 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion: 107 Resp: 42129
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.2 114.2

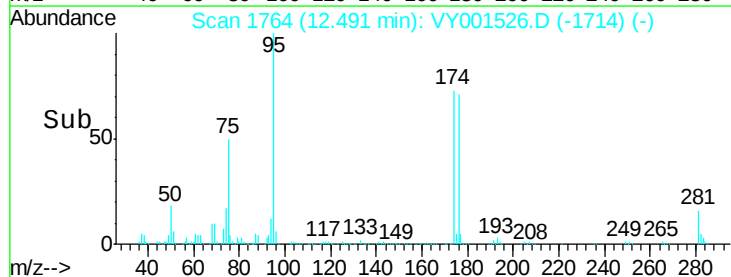
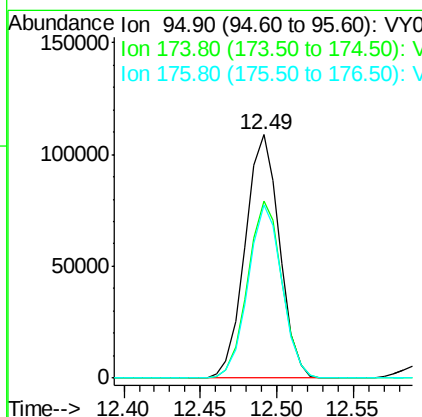
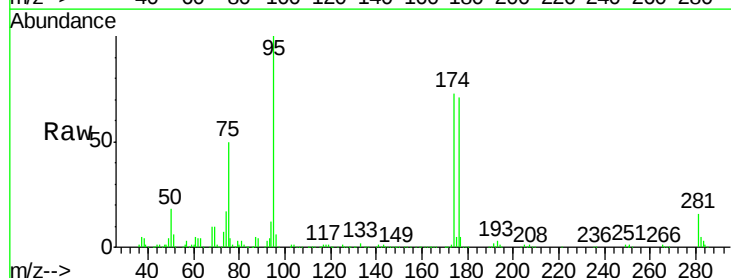
Manual Integrations
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 2/7/2020 4:50:44 PM



#62
 4-Bromofluorobenzene
 Concen: 50.419 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion: 95 Resp: 169538
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 141.4
 176 70.0 0.0 135.4





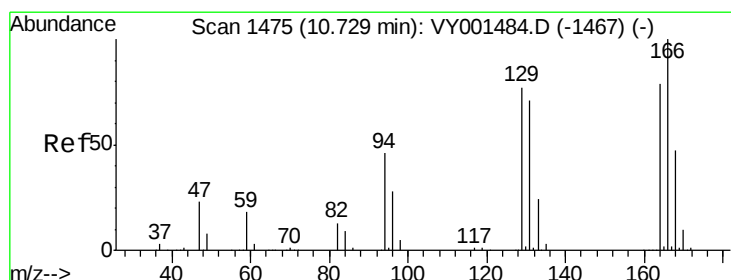
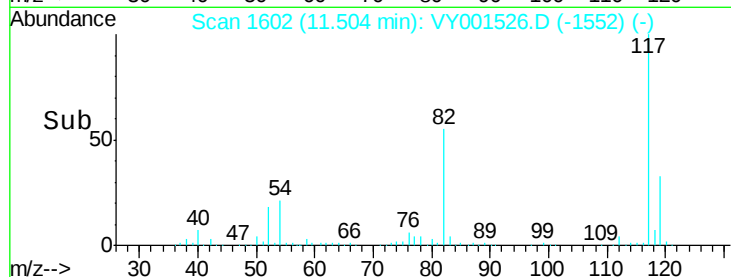
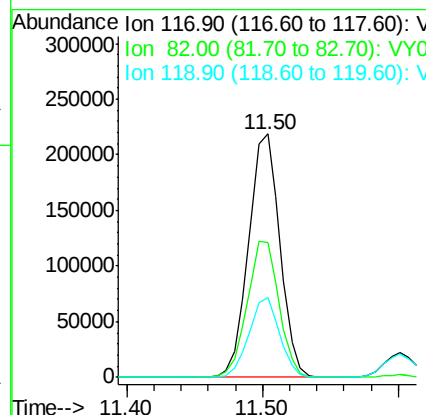
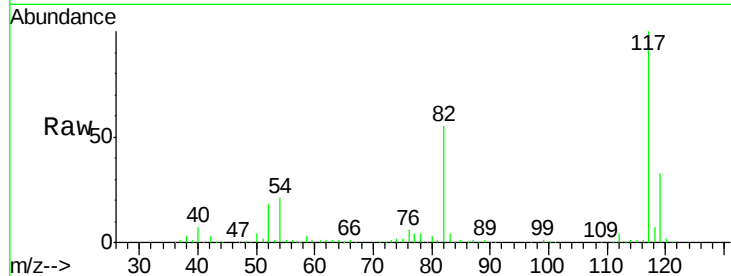
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.1	69.1
119	32.6	26.1	39.1

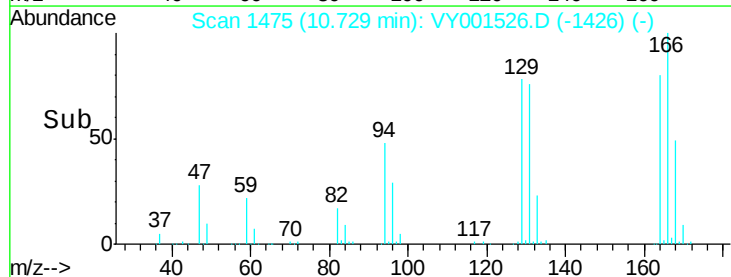
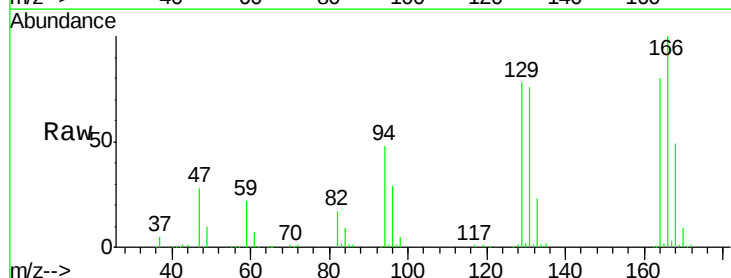
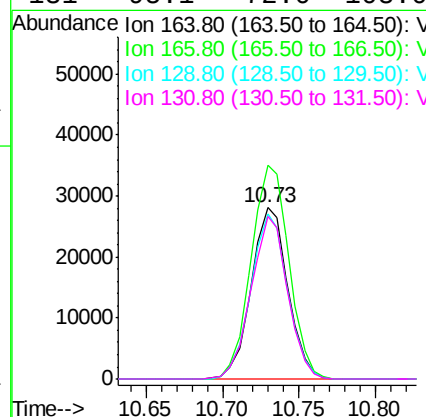
Manual Integrations
APPROVED

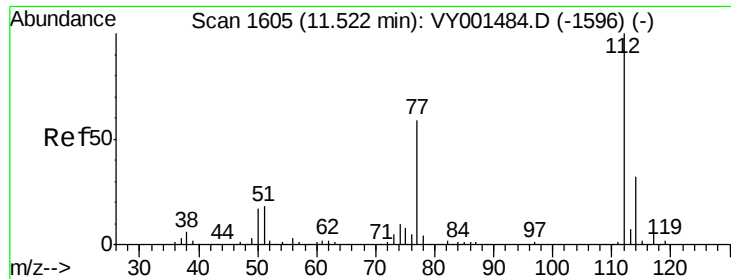
MMDadoda
2/7/2020 4:50:44 PM



#64
Tetrachloroethene
Concen: 20.091 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	100.8	151.2
129	96.7	77.8	116.6
131	95.1	72.0	108.0





#65

Chlorobenzene

Concen: 20.821 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion:112 Resp: 144539

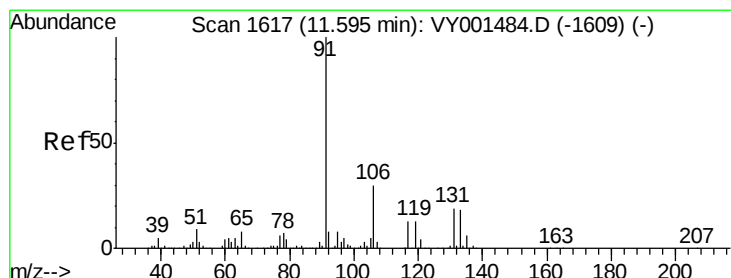
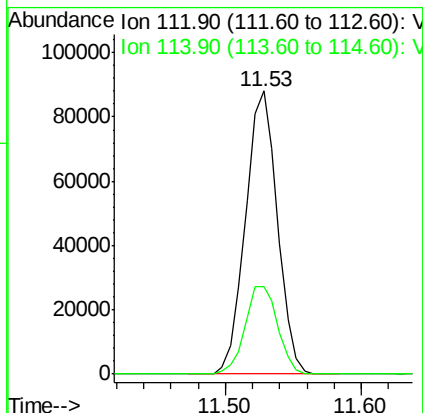
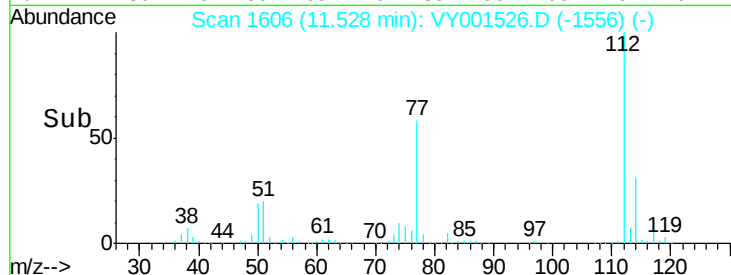
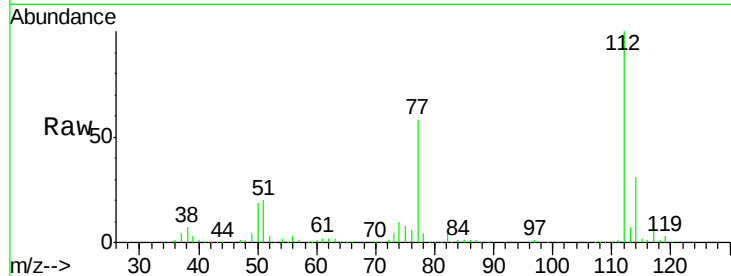
Ion Ratio Lower Upper

112 100

114 31.0 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 20.282 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

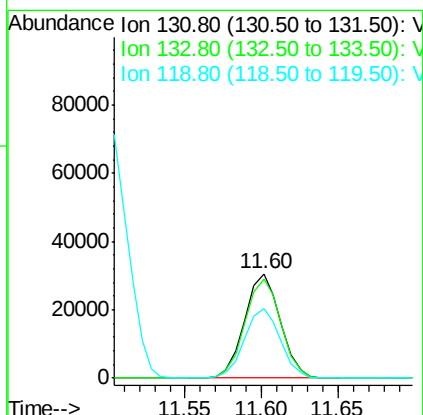
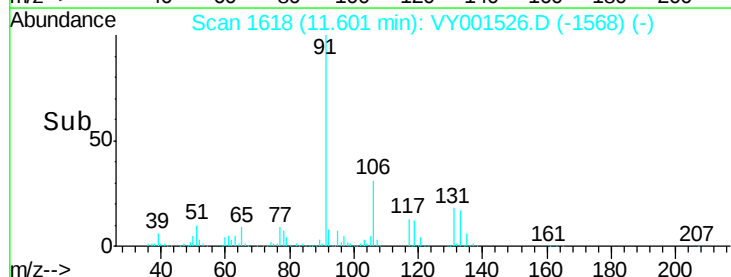
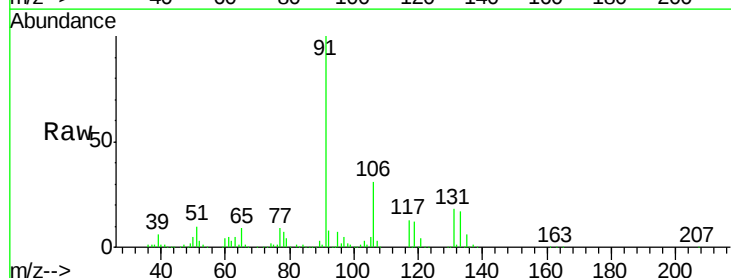
Tgt Ion:131 Resp: 49277

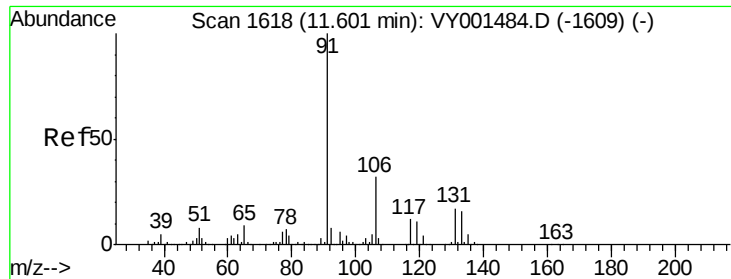
Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.8

119 67.4 33.7 101.0





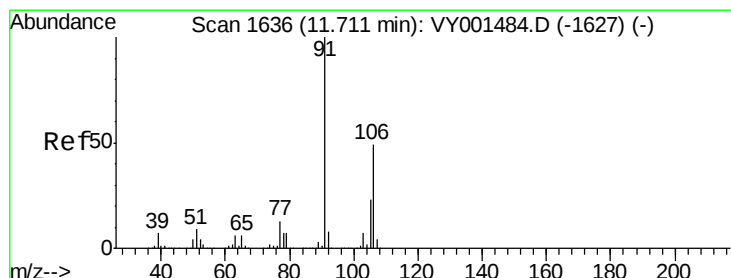
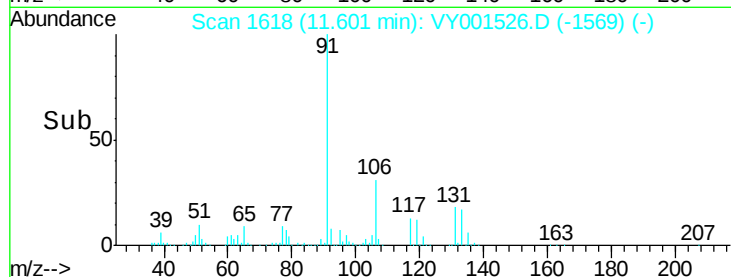
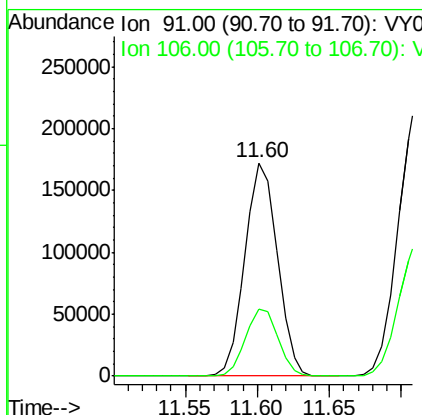
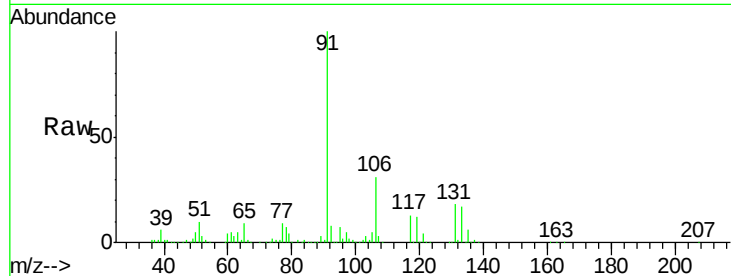
#67
Ethyl Benzene
Concen: 20.992 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion: 91 Resp: 269444
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

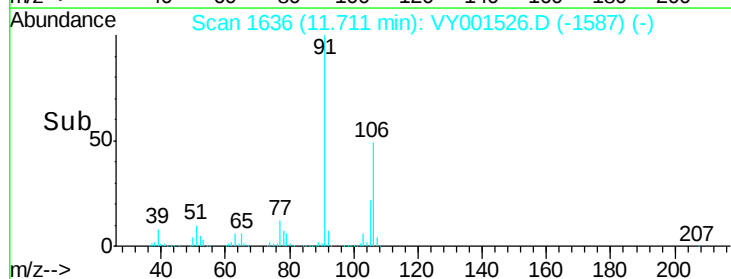
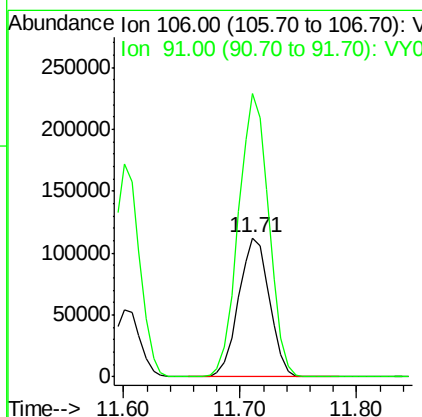
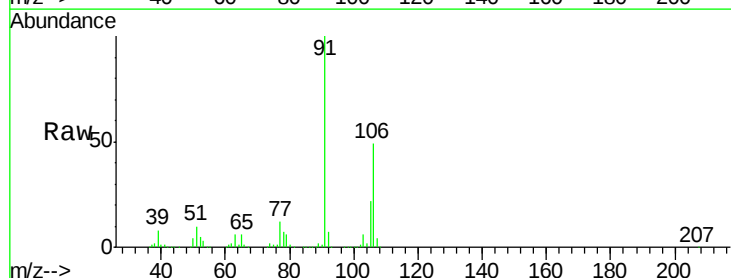
Manual Integrations
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#68
m/p-Xylenes
Concen: 42.875 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion: 106 Resp: 206595
Ion Ratio Lower Upper
106 100
91 200.8 163.6 245.4





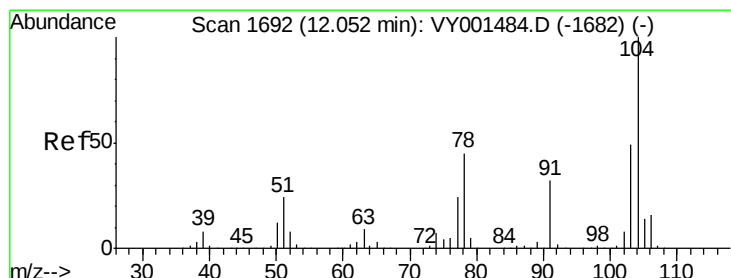
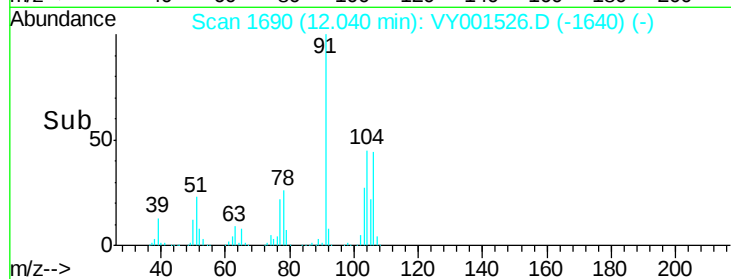
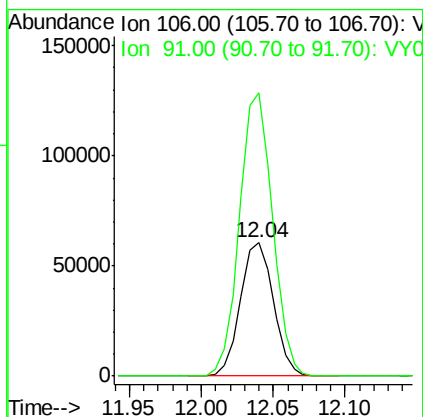
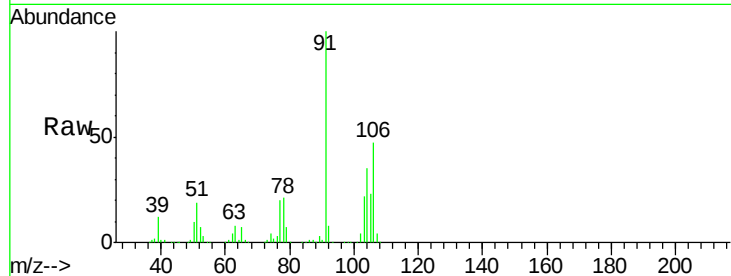
#69
o-Xylene
Concen: 21.254 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampled :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.0	106.0	318.0

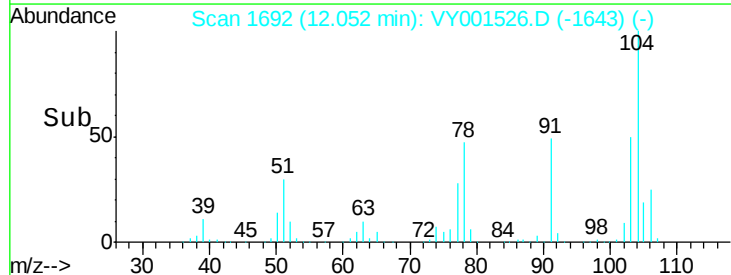
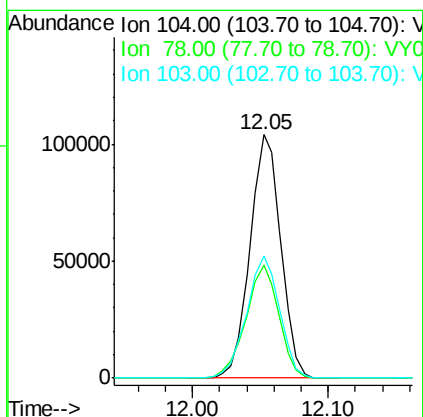
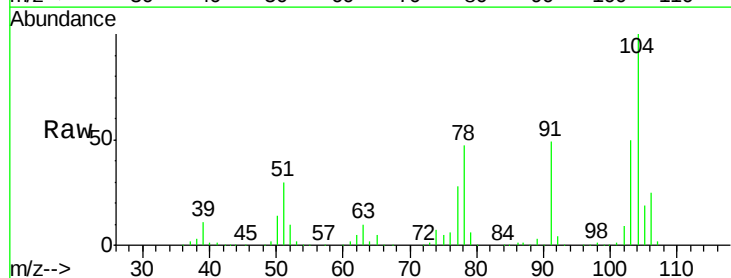
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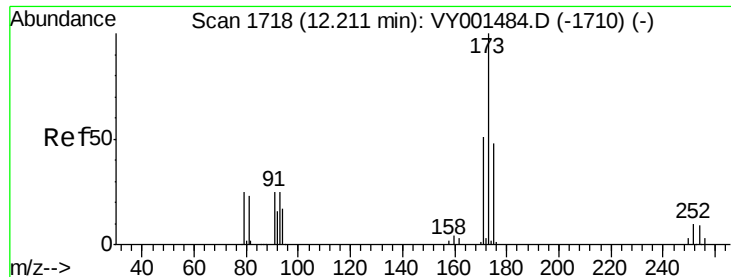
MMDadoda
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#70
Styrene
Concen: 21.077 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	40.4	60.6
103	53.8	42.8	64.2





#71

Bromoform

Concen: 21.250 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion:173 Resp: 28749

Ion Ratio Lower Upper

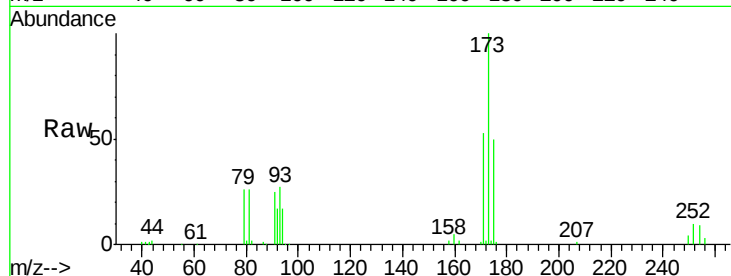
173 100

175 47.9 24.0 72.0

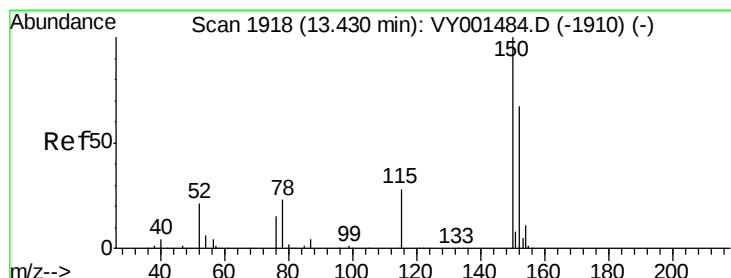
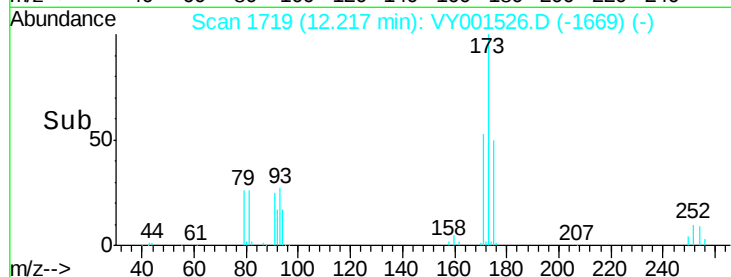
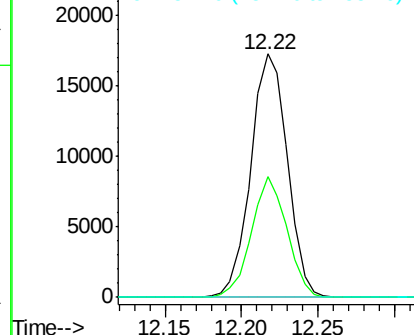
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

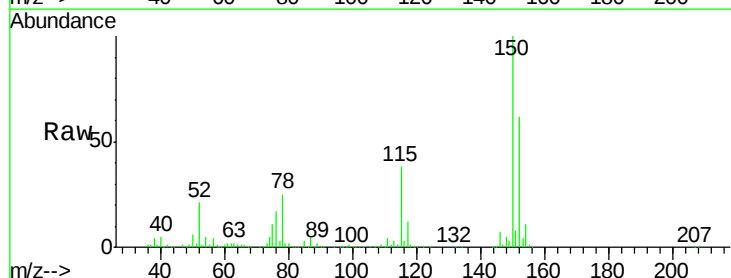
Tgt Ion:152 Resp: 169133

Ion Ratio Lower Upper

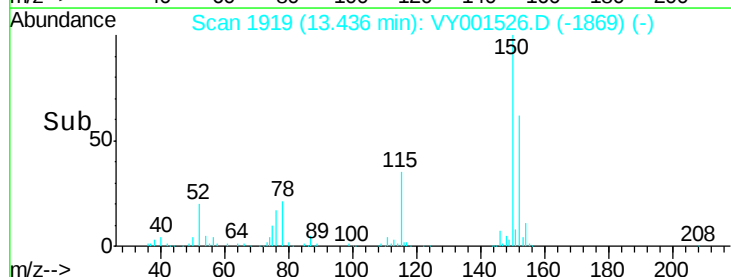
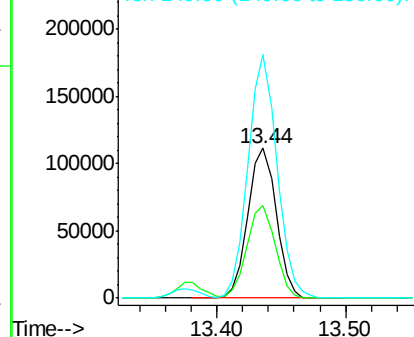
152 100

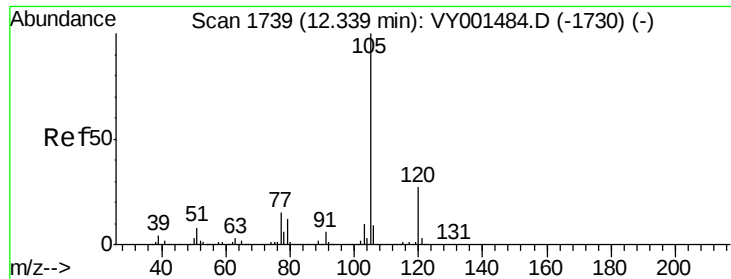
115 62.0 31.4 94.3

150 165.4 0.0 346.8



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





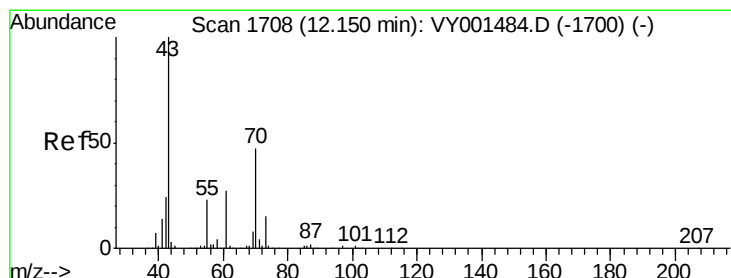
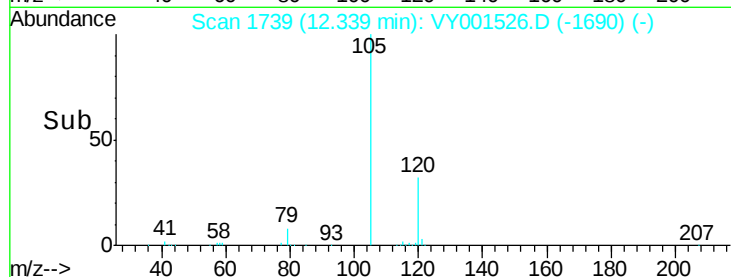
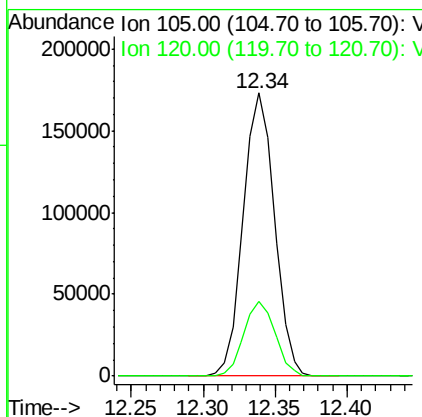
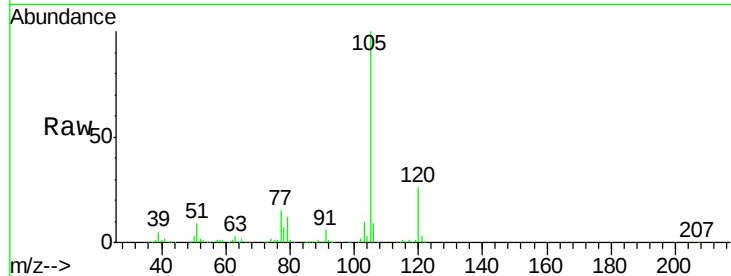
#73
Isopropylbenzene
Concen: 20.170 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	260183		
120	26.4	13.3	39.9	

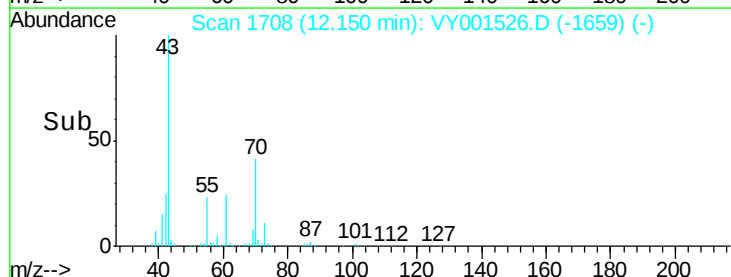
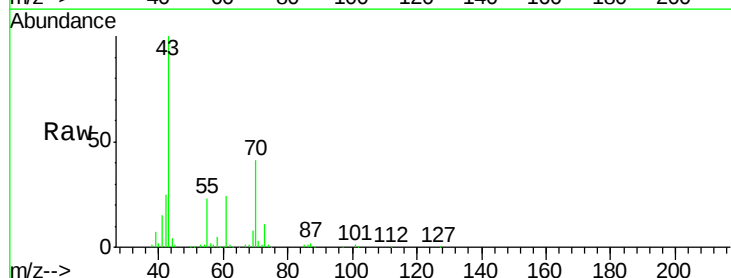
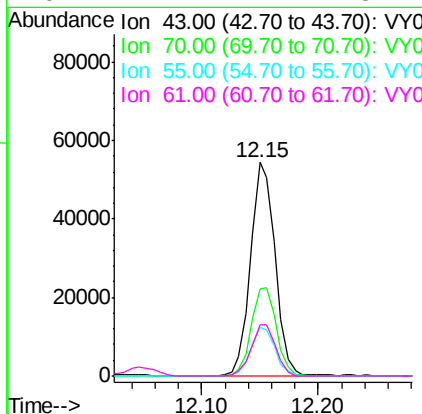
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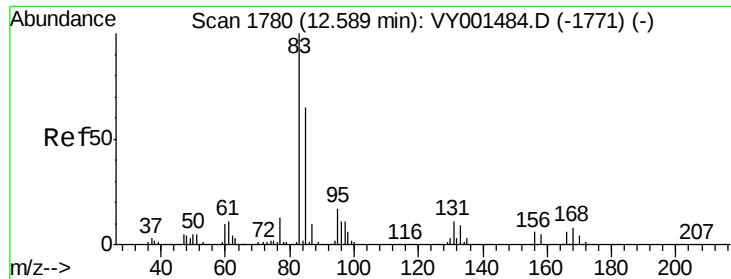
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#74
N-ethyl acetate
Concen: 23.888 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	80072		
70	42.1	37.2	55.8	
55	22.6	18.8	28.2	
61	24.4	21.4	32.2	





#75

1,1,2,2-Tetrachloroethane

Concen: 21.656 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

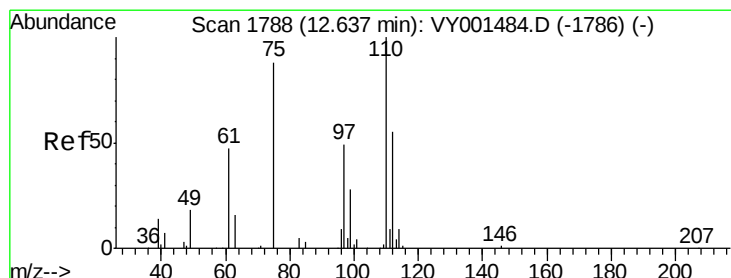
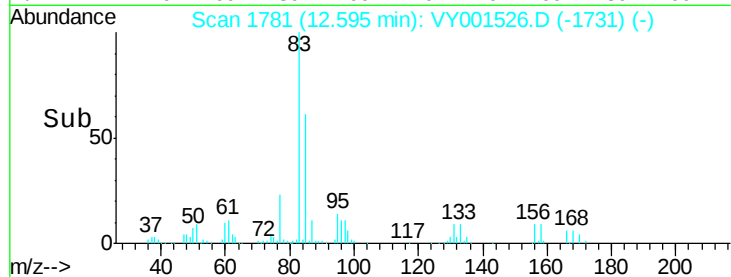
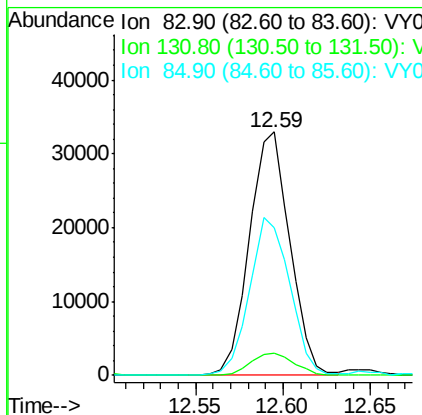
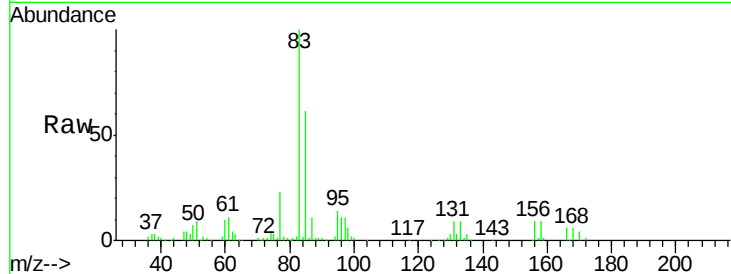
ClientSampleId :

VY0206SBS01

Tot Ion:	83	Resp:	53074
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.4	16.2
85	64.6	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 19.184 ug/l m

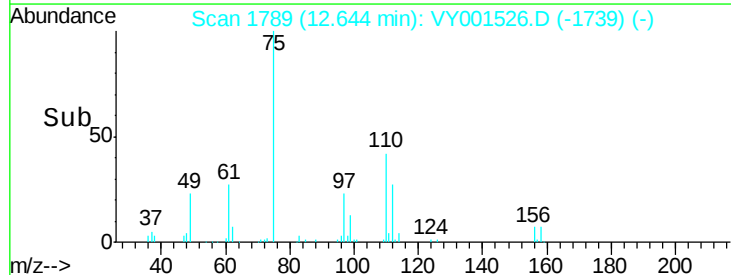
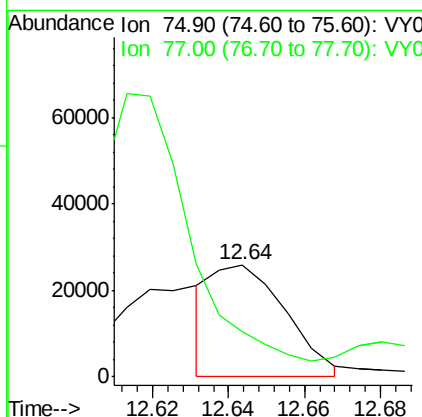
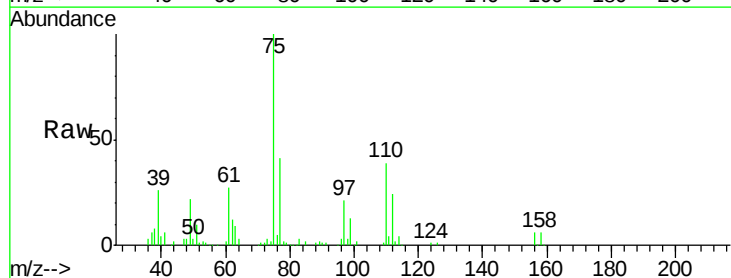
RT: 12.64 min Scan# 1789

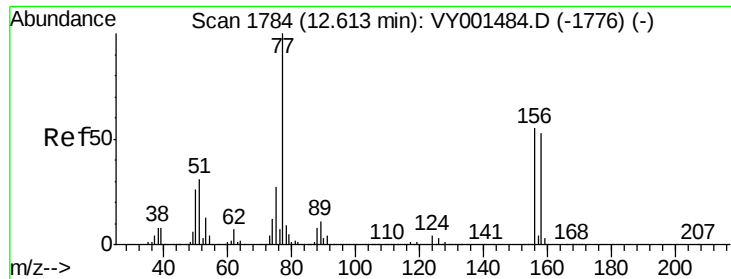
Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion:	75	Resp:	34893
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.154 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

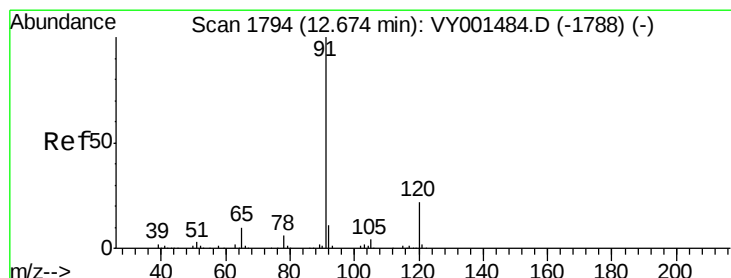
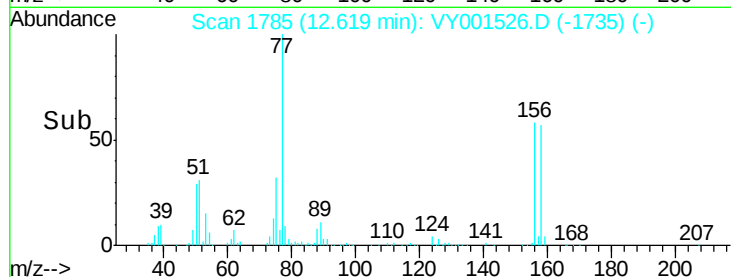
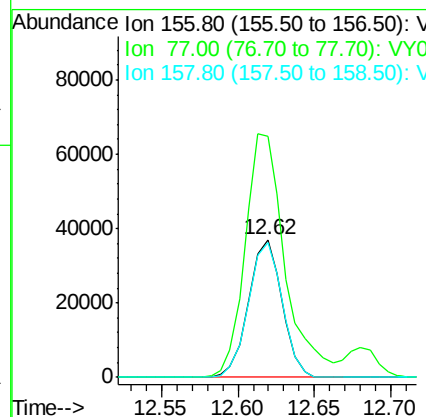
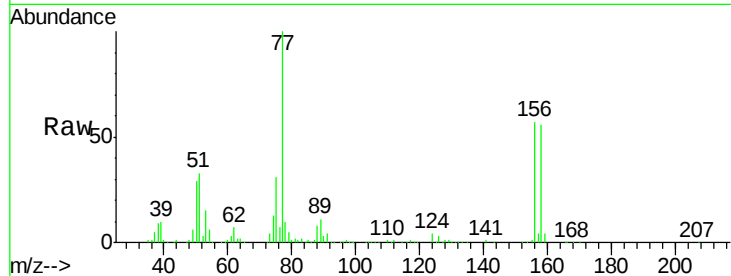
ClientSampleId :

VY0206SBS01

Tot Ion:	156	Resp:	56262
Ion Ratio	Lower	Upper	
156	100		
77	210.5	99.8	299.3
158	99.4	47.5	142.6

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#78

n-propylbenzene

Concen: 20.722 ug/l

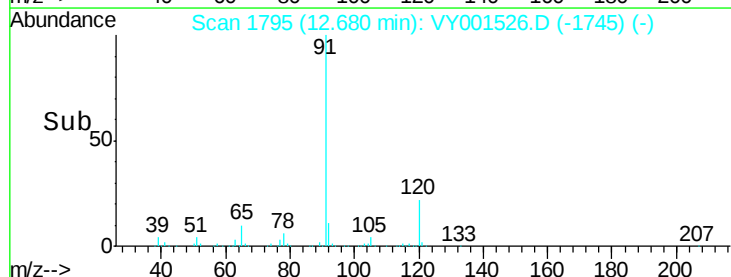
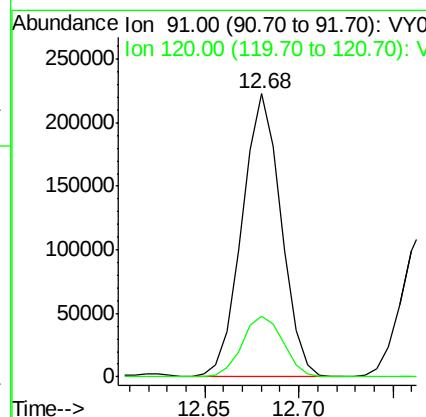
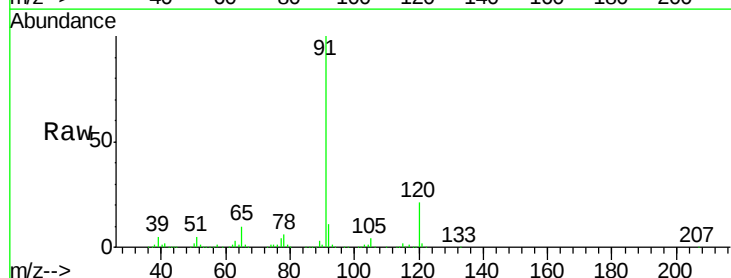
RT: 12.68 min Scan# 1795

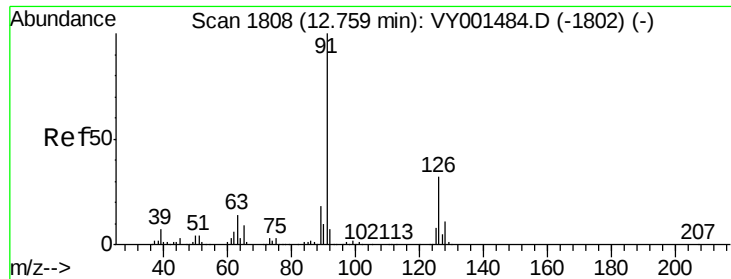
Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion:	91	Resp:	320006
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.4	34.2





#79

2-Chlorotoluene

Concen: 20.291 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion: 91 Resp: 178614

Ion Ratio Lower Upper

91 100

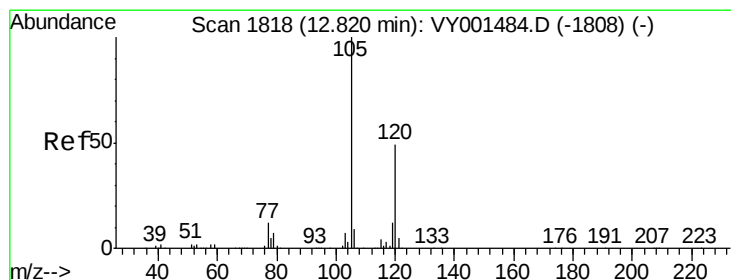
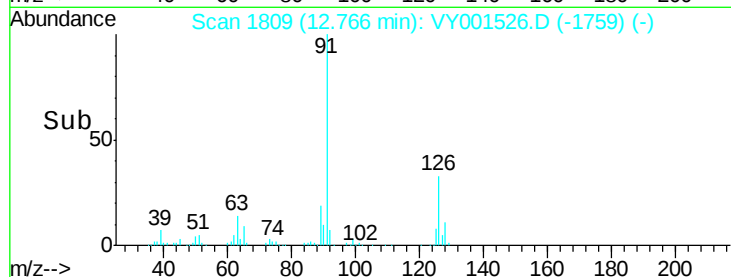
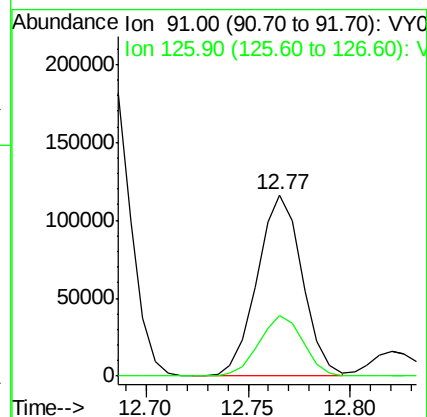
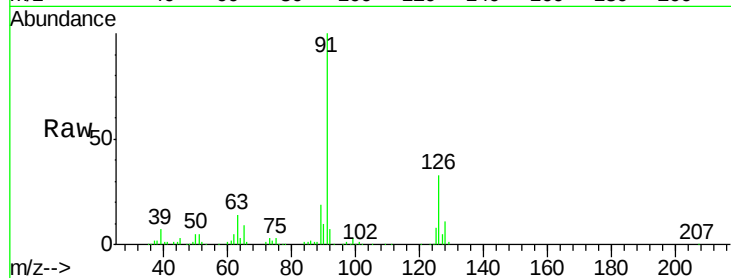
126 33.1 16.4 49.2

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#80

1,3,5-Trimethylbenzene

Concen: 20.342 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001526.D

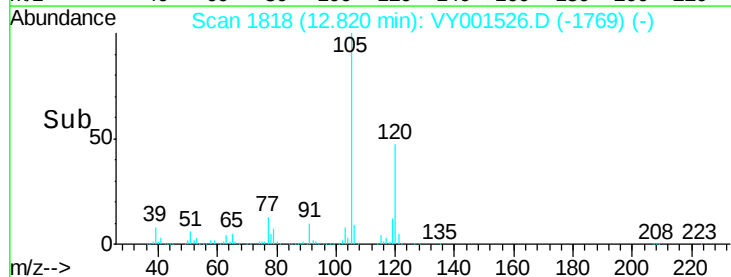
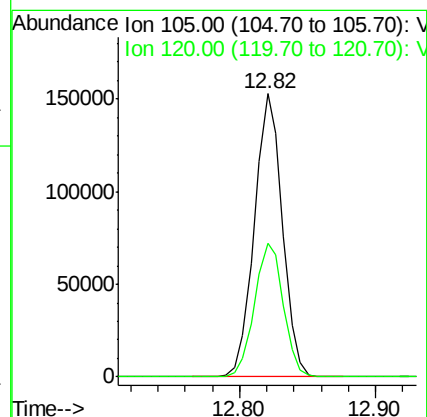
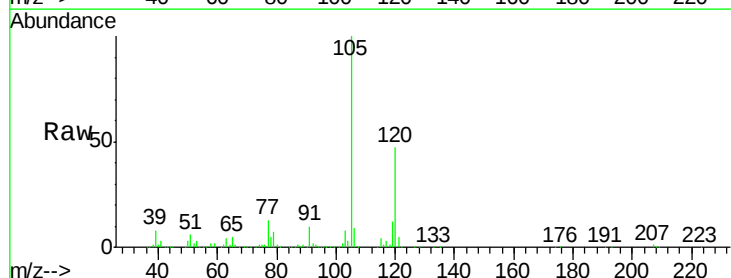
Acq: 06 Feb 2020 13:36

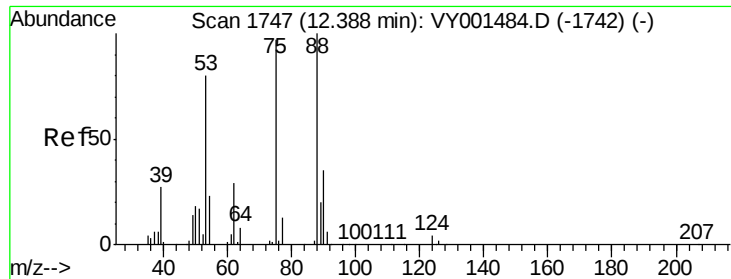
Tgt Ion: 105 Resp: 220987

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.368 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion: 75 Resp: 20086

Ion Ratio Lower Upper

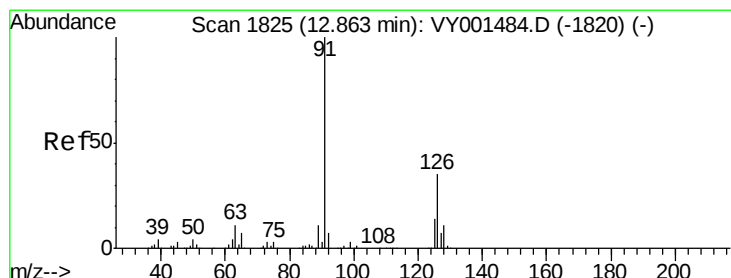
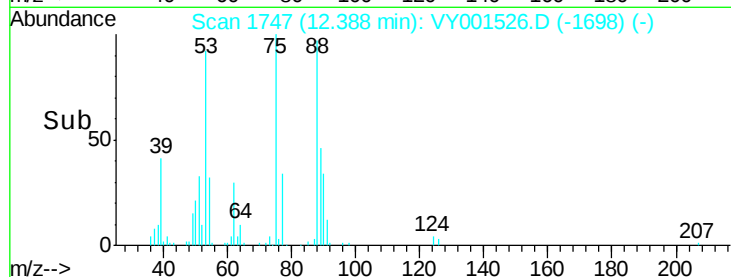
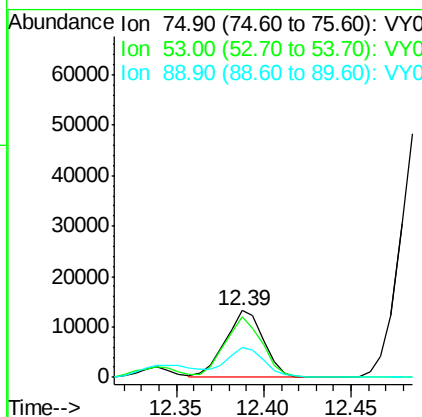
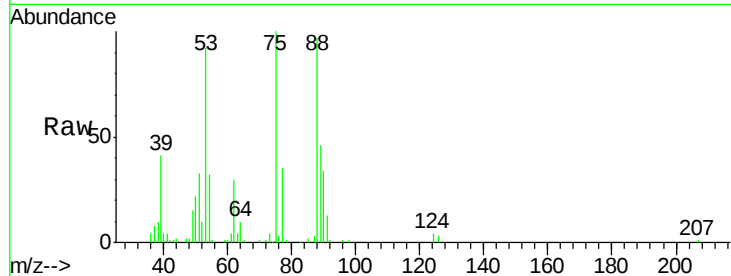
75 100

53 90.0 67.7 101.5

89 46.5 34.6 52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.111 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001526.D

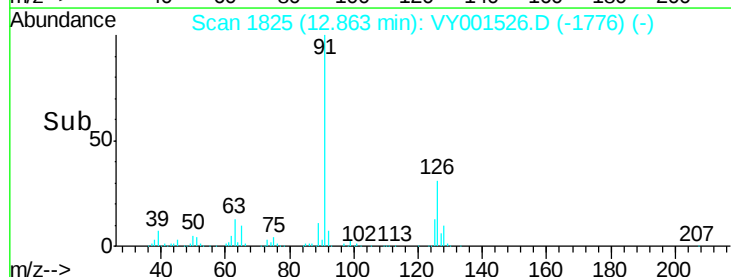
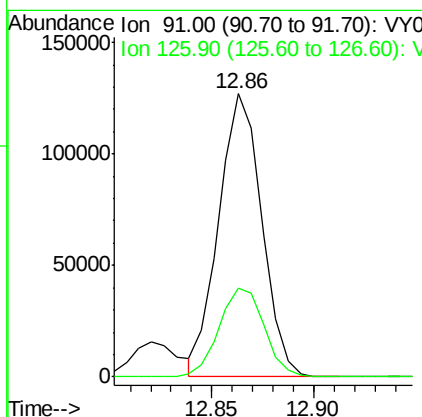
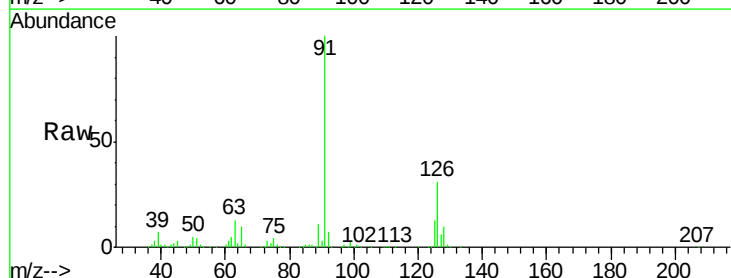
Acq: 06 Feb 2020 13:36

Tgt Ion: 91 Resp: 185606

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5





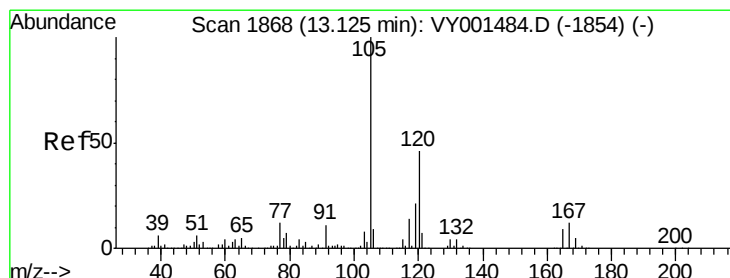
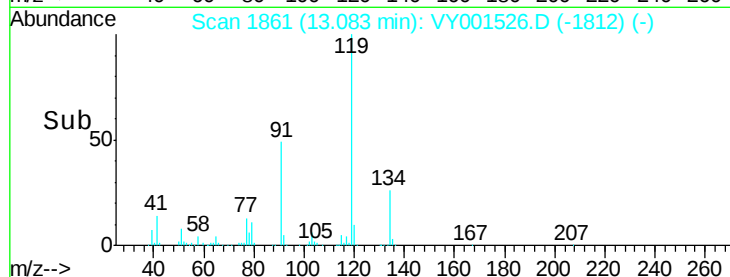
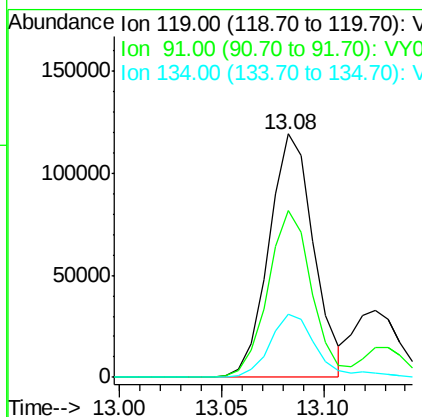
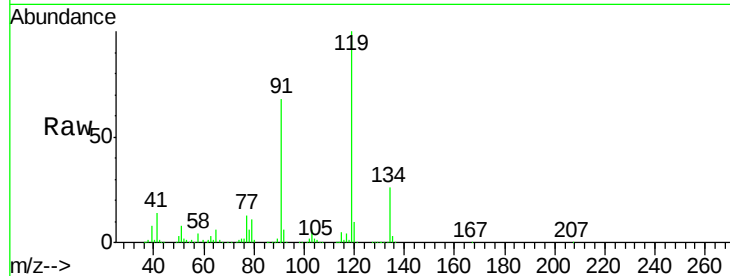
#83
tert-Butylbenzene
Concen: 19.943 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	33.1	99.3
134	27.1	13.0	39.0

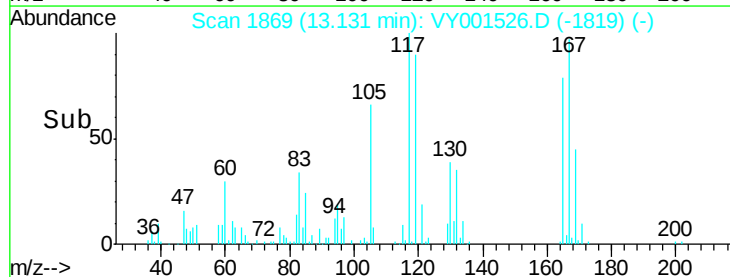
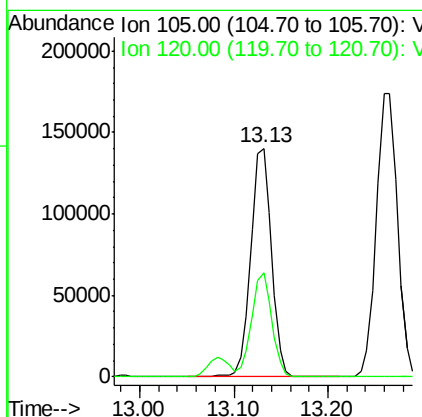
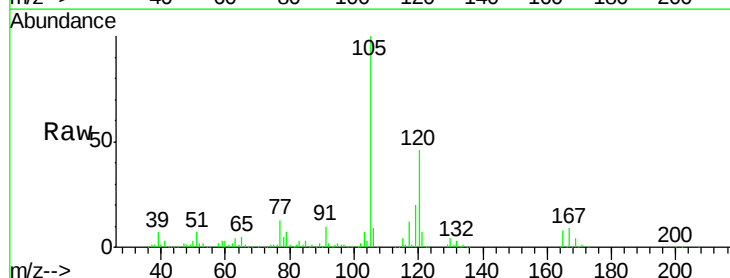
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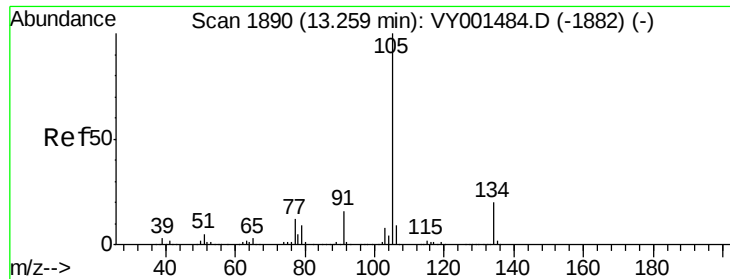
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.245 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.0





#85

sec-Butylbenzene

Concen: 20.950 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tot Ion:105 Resp: 270474

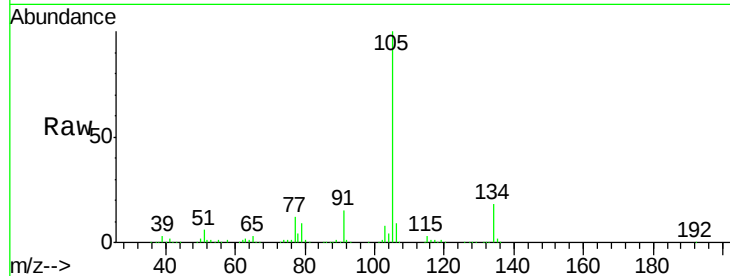
Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8

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

Ion 134.00 (133.70 to 134.70): V

200000

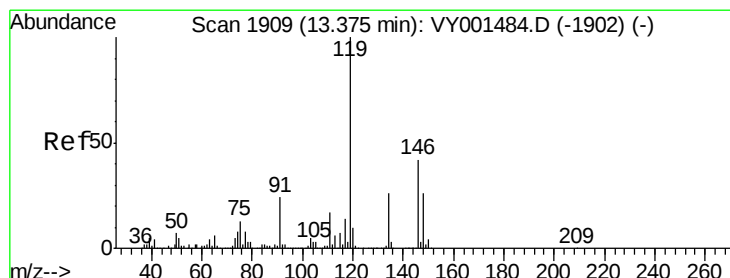
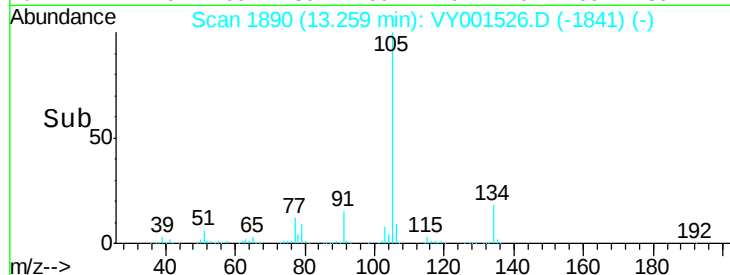
150000

100000

50000

0

Time--> 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.705 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

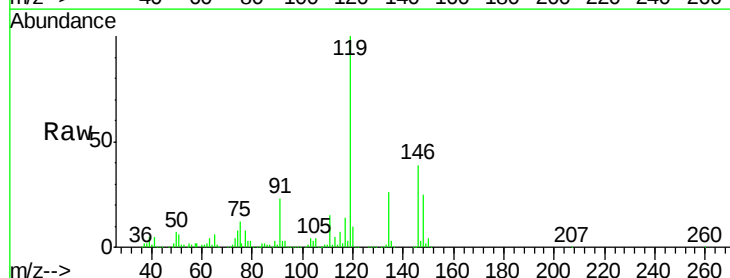
Tgt Ion:119 Resp: 235564

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 24.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

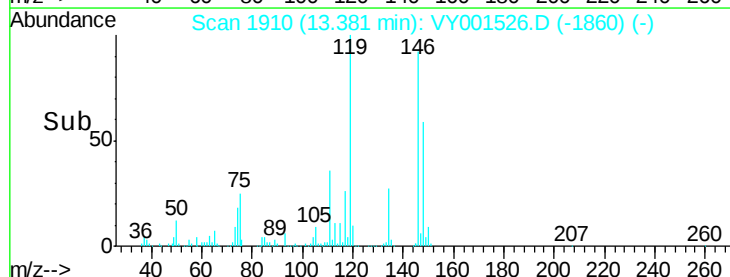
150000

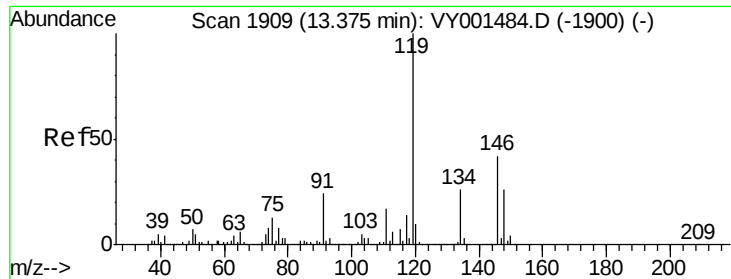
100000

50000

0

Time--> 13.30 13.35 13.40 13.45





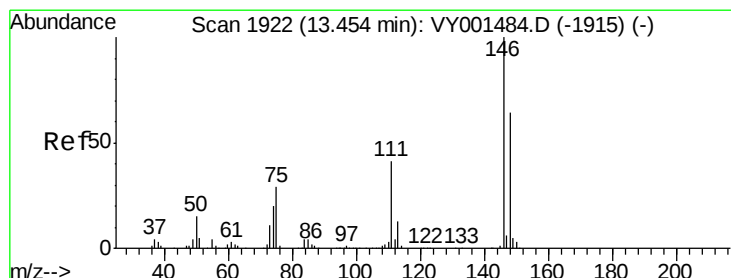
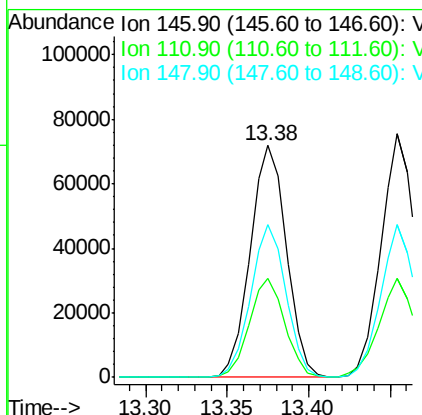
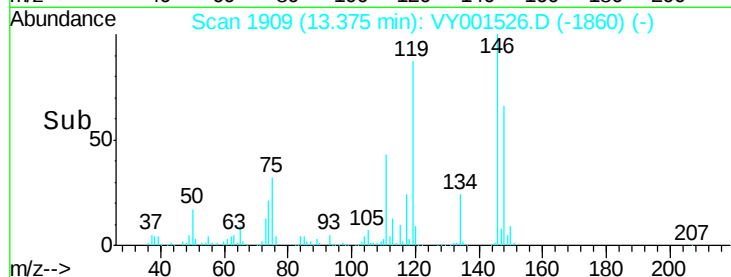
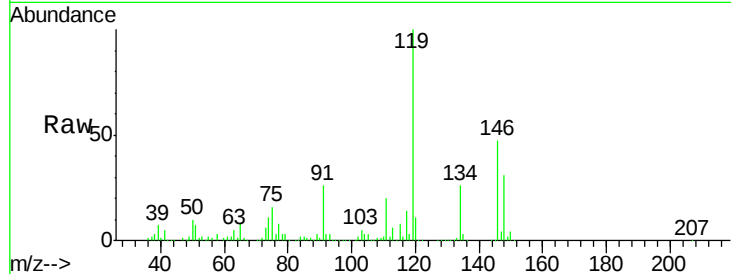
#87
 1,3-Dichlorobenzene
 Concen: 20.747 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.9
148	64.1	31.9	95.7

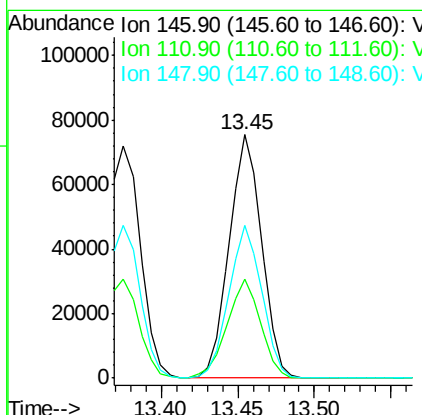
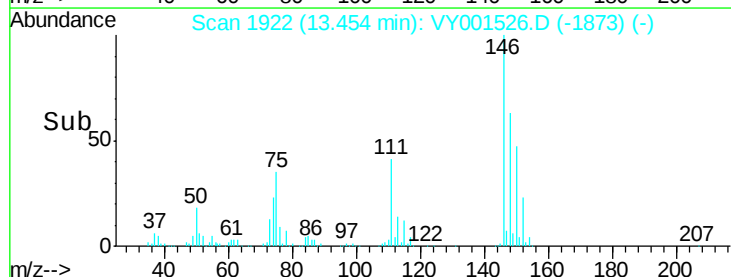
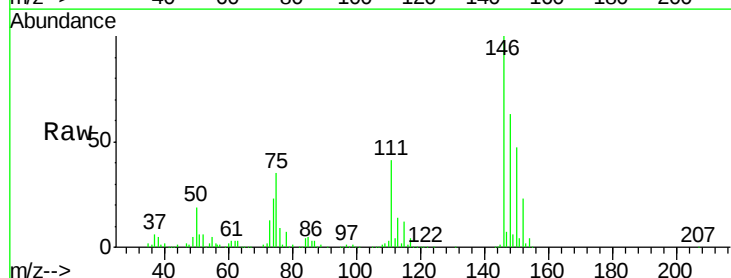
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 20.747 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	63.6	32.1	96.5





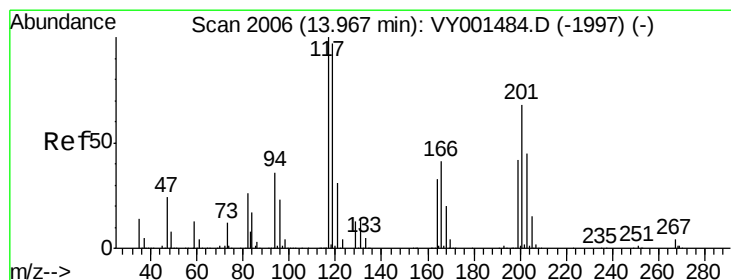
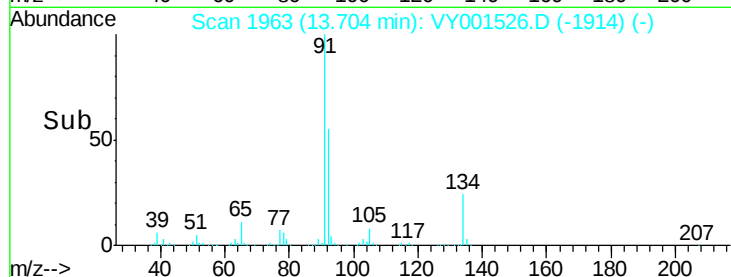
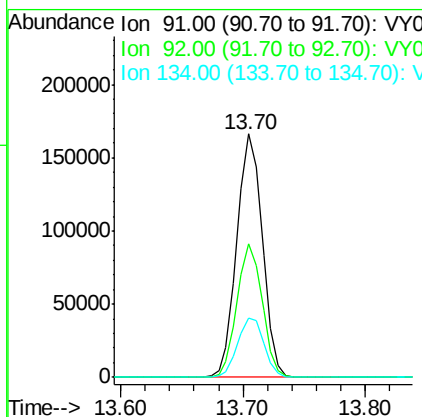
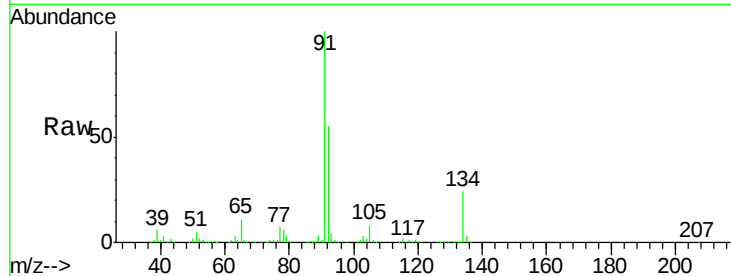
#89
n-Butylbenzene
Concen: 21.369 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	239882		
92	54.0		27.3	81.9
134	25.2		13.0	38.9

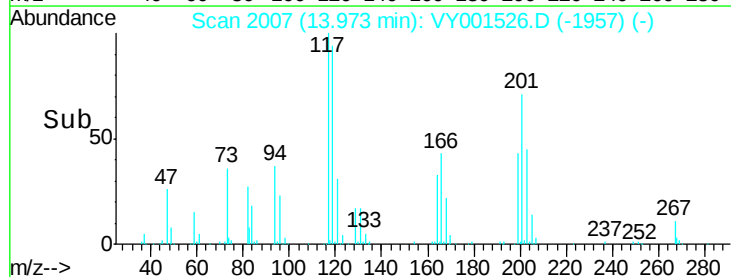
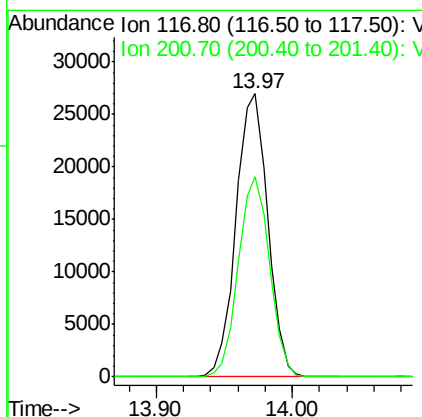
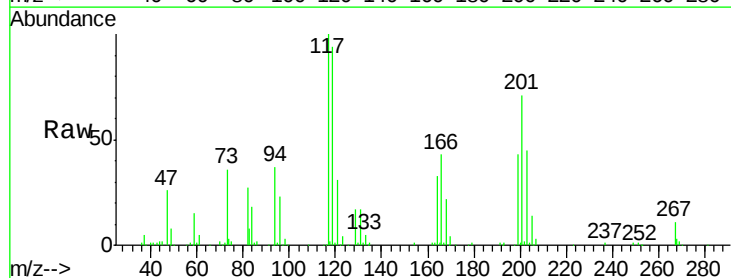
Manual Integrations
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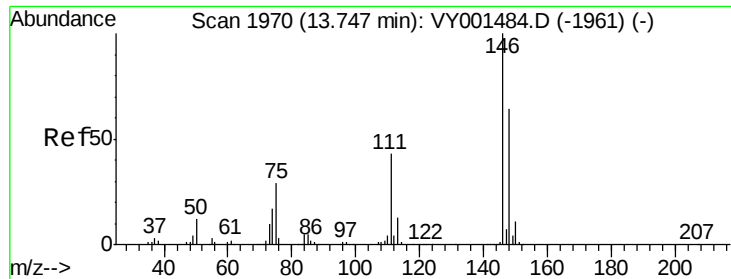
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#90
Hexachloroethane
Concen: 20.180 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44066		
201	69.4		34.1	102.3





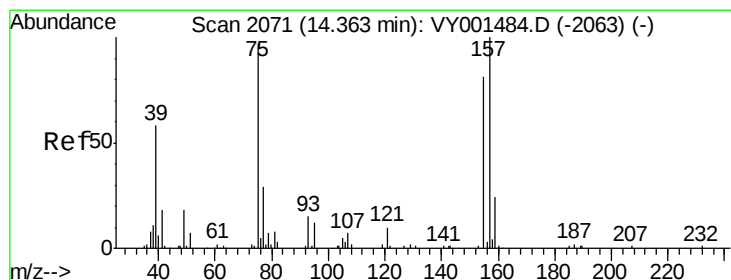
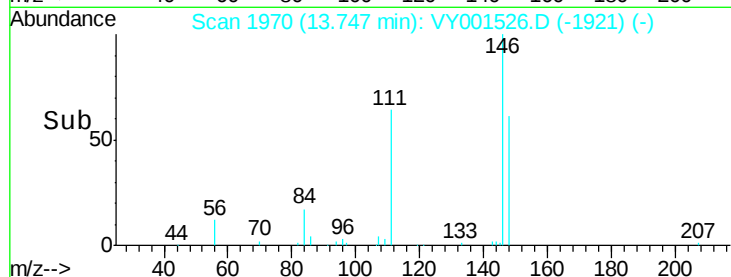
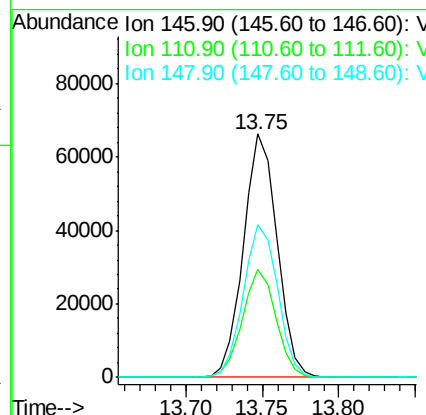
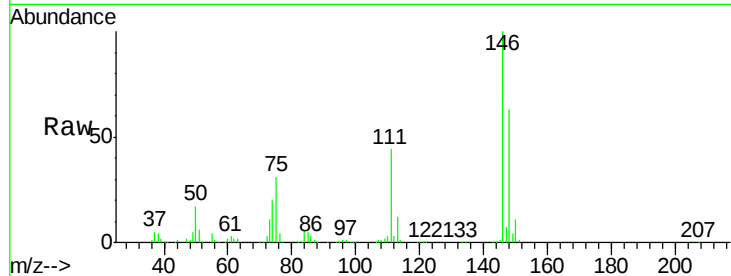
#91
 1,2-Dichlorobenzene
 Concen: 20.928 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.8
148	64.0	31.8	95.3

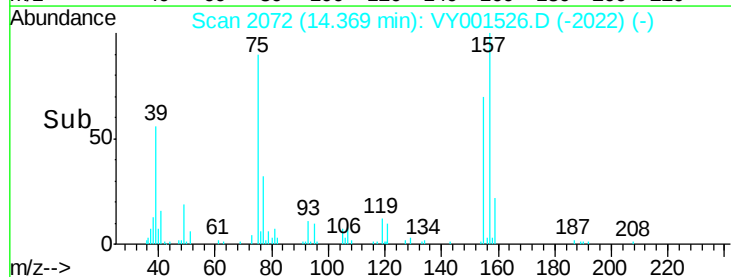
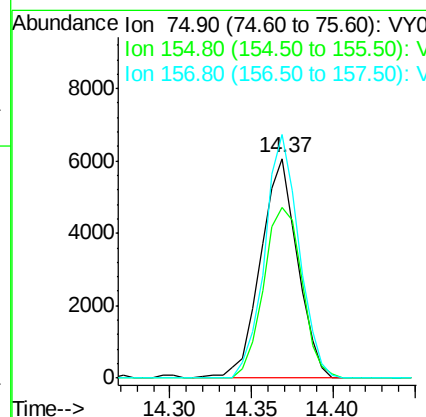
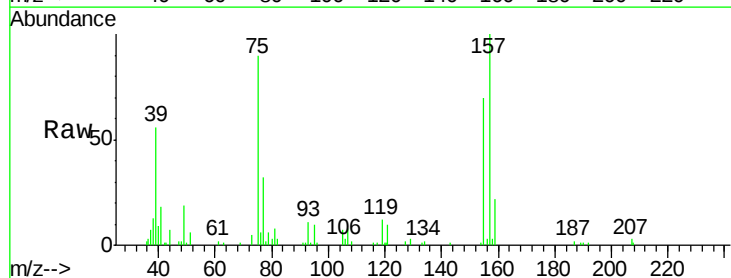
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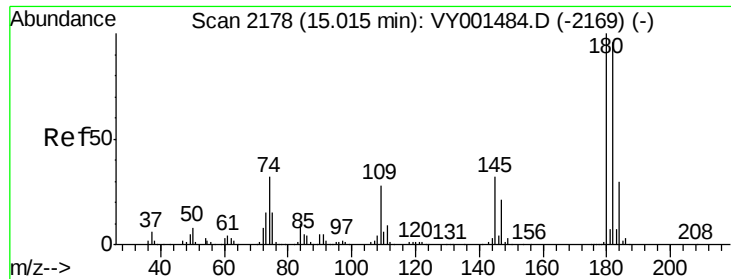
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.008 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001526.D
 Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	40.7	122.1
157	102.9	52.3	157.1





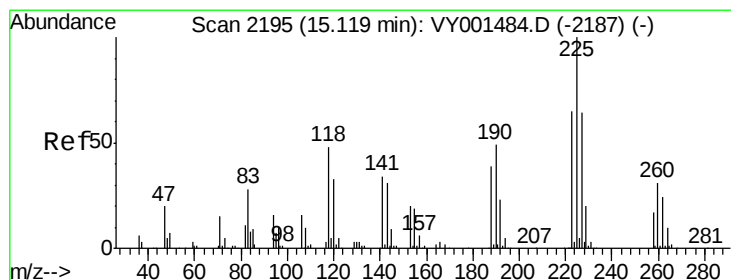
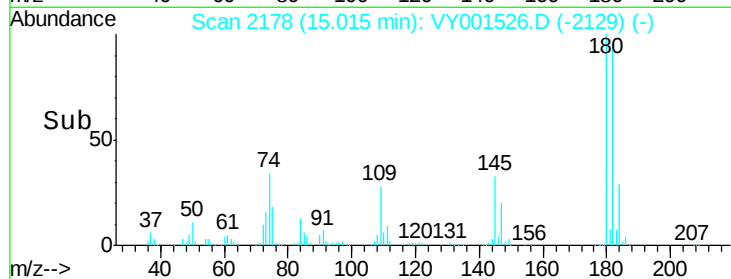
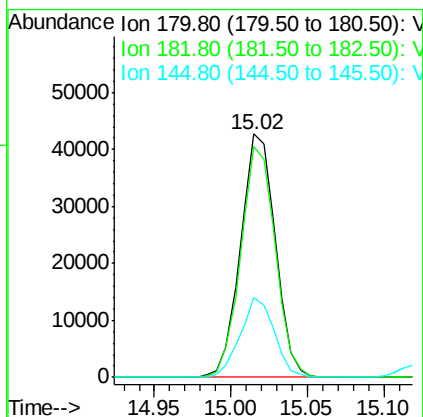
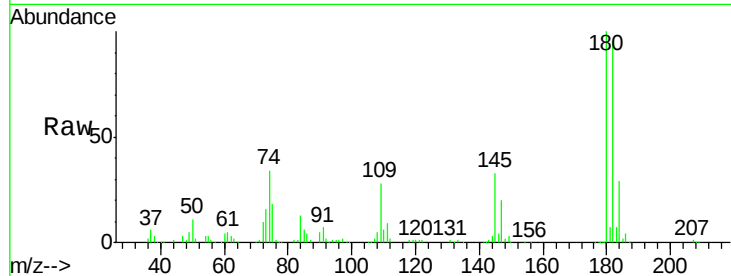
#93
1,2,4-Trichlorobenzene
Concen: 20.640 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.7
145	32.0	16.8	50.3

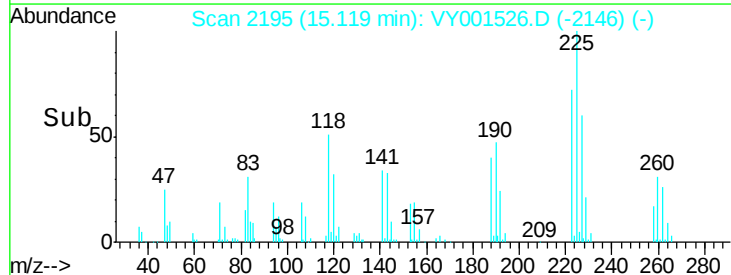
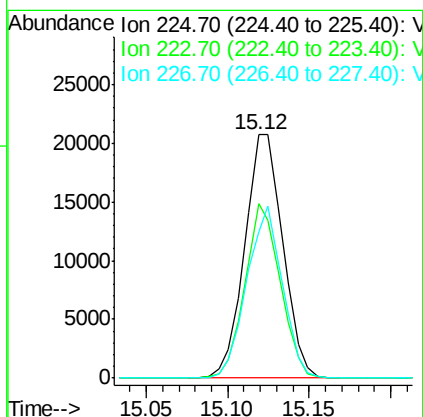
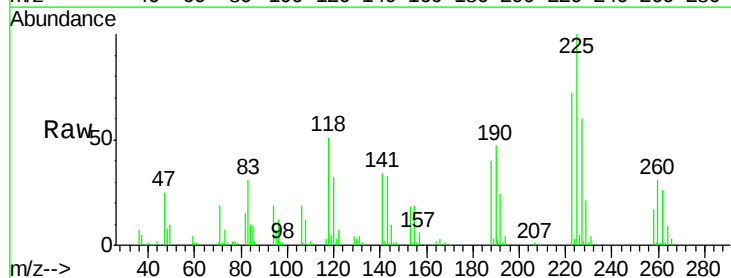
Manual Integrations
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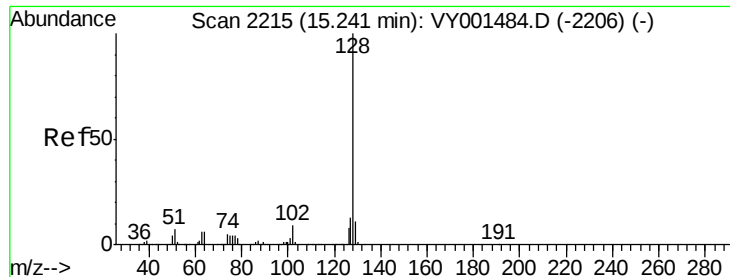
MMDadoda
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#94
Hexachlorobutadiene
Concen: 20.402 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001526.D
Acq: 06 Feb 2020 13:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.9	95.7
227	65.8	32.6	97.7





#95

Naphthalene

Concen: 20.160 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Instrument :

MSVOA_Y

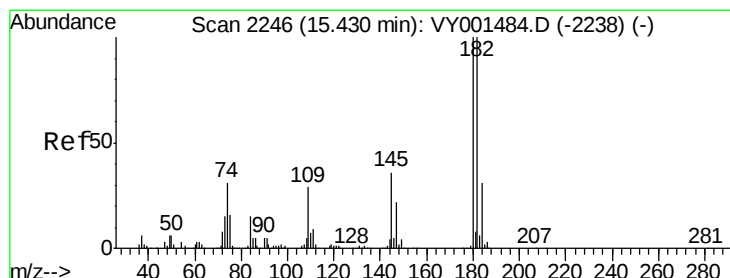
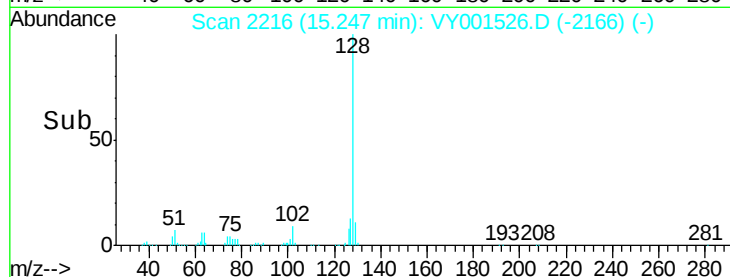
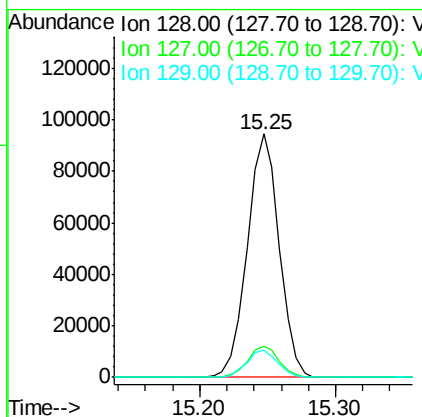
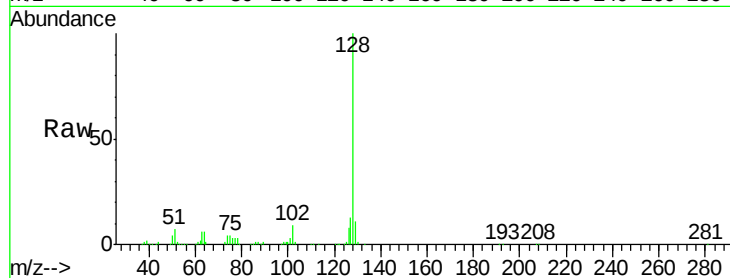
ClientSampleId :

VY0206SBS01

Tot Ion:	128	Resp:	154795
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/7/2020 4:50:44 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.646 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY001526.D

Acq: 06 Feb 2020 13:36

Tgt Ion:	180	Resp:	59543
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.0	144.2
145	34.1	17.8	53.5

