

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000266.D
 Acq On : 11 Oct 2019 13:08
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 12:33:37 PM

Quant Time: Oct 14 08:09:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	422970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	368510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	28688	10.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.56%	
35) Dibromofluoromethane	7.74	113	28194	11.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.10%	
50) Toluene-d8	10.19	98	97625	9.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.90%	
62) 4-Bromofluorobenzene	12.48	95	40819	10.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	28013	11.872	ug/l 89
3) Chloromethane	2.12	50	37269	11.524	ug/l 98
4) Vinyl Chloride	2.26	62	37907	11.615	ug/l 99
5) Bromomethane	2.65	94	26854m	10.973	ug/l
6) Chloroethane	2.80	64	23156	10.996	ug/l 89
7) Trichlorofluoromethane	3.13	101	48882	10.949	ug/l 97
8) Diethyl Ether	3.54	74	15921	10.095	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	3.91	101	29914	11.049	ug/l 98
10) Methyl Iodide	4.10	142	32516	9.200	ug/l 97
11) Tert butyl alcohol	4.98	59	15977	54.665	ug/l 96
12) 1,1-Dichloroethene	3.88	96	30985	11.592	ug/l 92
13) Acrolein	3.74	56	17768	51.876	ug/l 91
14) Allyl chloride	4.49	41	46928	10.595	ug/l 99
15) Acrylonitrile	5.18	53	45461	51.499	ug/l 94
16) Acetone	3.96	43	44238	48.933	ug/l 100
17) Carbon Disulfide	4.21	76	91944	10.925	ug/l 99
18) Methyl Acetate	4.49	43	23083	10.276	ug/l # 76
19) Methyl tert-butyl Ether	5.24	73	78173	10.506	ug/l # 91
20) Methylene Chloride	4.73	84	43982	11.864	ug/l 95
21) trans-1,2-Dichloroethene	5.23	96	33055	10.779	ug/l 96
22) Diisopropyl ether	6.13	45	96196	10.268	ug/l 95
23) Vinyl Acetate	6.07	43	312718	51.166	ug/l 98
24) 1,1-Dichloroethane	6.04	63	55768	10.906	ug/l 97
25) 2-Butanone	7.00	43	63691	50.012	ug/l 92
26) 2,2-Dichloropropane	7.00	77	51966	11.028	ug/l 97
27) cis-1,2-Dichloroethene	7.00	96	36157	10.896	ug/l 100
28) Bromochloromethane	7.35	49	19792	9.016	ug/l 88
29) Tetrahydrofuran	7.36	42	39497	51.175	ug/l 97
30) Chloroform	7.52	83	54616	10.606	ug/l 99
31) Cyclohexane	7.80	56	59627	11.164	ug/l 92
32) 1,1,1-Trichloroethane	7.71	97	47199	10.309	ug/l 96
36) 1,1-Dichloropropene	7.93	75	45635	11.020	ug/l 97
37) Ethyl Acetate	7.09	43	26066	10.630	ug/l 98
38) Carbon Tetrachloride	7.91	117	44459	11.088	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	59723	11.019	ug/l	92
40) Benzene	8.18	78	131996	11.030	ug/l	94
41) Methacrylonitrile	7.33	41	13820m	12.832	ug/l	
42) 1,2-Dichloroethane	8.25	62	37950	11.101	ug/l	100
43) Isopropyl Acetate	8.29	43	47941	10.283	ug/l	96
44) Trichloroethene	8.95	130	37026	11.027	ug/l	88
45) 1,2-Dichloropropane	9.22	63	31709	10.797	ug/l	99
46) Dibromomethane	9.32	93	17739	10.805	ug/l	100
47) Bromodichloromethane	9.50	83	42172	10.900	ug/l #	89
48) Methyl methacrylate	9.30	41	20286	9.928	ug/l	99
49) 1,4-Dioxane	9.30	88	4778	194.101	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	121289	50.438	ug/l	97
52) Toluene	10.25	92	82173	10.815	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	43759	10.553	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	49814	10.578	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	26743	11.203	ug/l	92
56) Ethyl methacrylate	10.52	69	33711	9.908	ug/l	99
57) 1,3-Dichloropropane	10.80	76	44374	10.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	66745	49.182	ug/l	99
59) 2-Hexanone	10.84	43	84560	50.097	ug/l	100
60) Dibromochloromethane	10.99	129	27513	10.399	ug/l	99
61) 1,2-Dibromoethane	11.10	107	24167	10.544	ug/l	99
64) Tetrachloroethene	10.72	164	40610	11.576	ug/l	96
65) Chlorobenzene	11.52	112	87126	11.203	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.60	131	30993	11.345	ug/l	98
67) Ethyl Benzene	11.60	91	157472	10.923	ug/l	98
68) m/p-Xylenes	11.70	106	122492	22.225	ug/l	98
69) o-Xylene	12.03	106	58217	11.073	ug/l	93
70) Styrene	12.05	104	94468	10.654	ug/l	99
71) Bromoform	12.21	173	16179	10.302	ug/l #	93
73) Isopropylbenzene	12.33	105	153213	10.875	ug/l	99
74) N-amyl acetate	12.14	43	30829	8.913	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	27215	10.288	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	20775m	5.752	ug/l	
77) Bromobenzene	12.61	156	34628	11.045	ug/l	92
78) n-propylbenzene	12.67	91	179524	10.613	ug/l	99
79) 2-Chlorotoluene	12.76	91	99477	10.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	127654	10.806	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	10633	10.471	ug/l	98
82) 4-Chlorotoluene	12.86	91	105481	10.682	ug/l	98
83) tert-Butylbenzene	13.08	119	110658	11.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	126102	10.815	ug/l	99
85) sec-Butylbenzene	13.25	105	158021	10.919	ug/l	99
86) p-Isopropyltoluene	13.37	119	135624	10.749	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	70027	11.337	ug/l	94
88) 1,4-Dichlorobenzene	13.45	146	67313	10.903	ug/l	98
89) n-Butylbenzene	13.70	91	134195	10.763	ug/l	99
90) Hexachloroethane	13.96	117	24393	10.440	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	60396	10.804	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5192	10.349	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	41737	10.724	ug/l	96
94) Hexachlorobutadiene	15.11	225	25004	11.871	ug/l	97
95) Naphthalene	15.23	128	94625	10.895	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	38407	10.949	ug/l	97

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

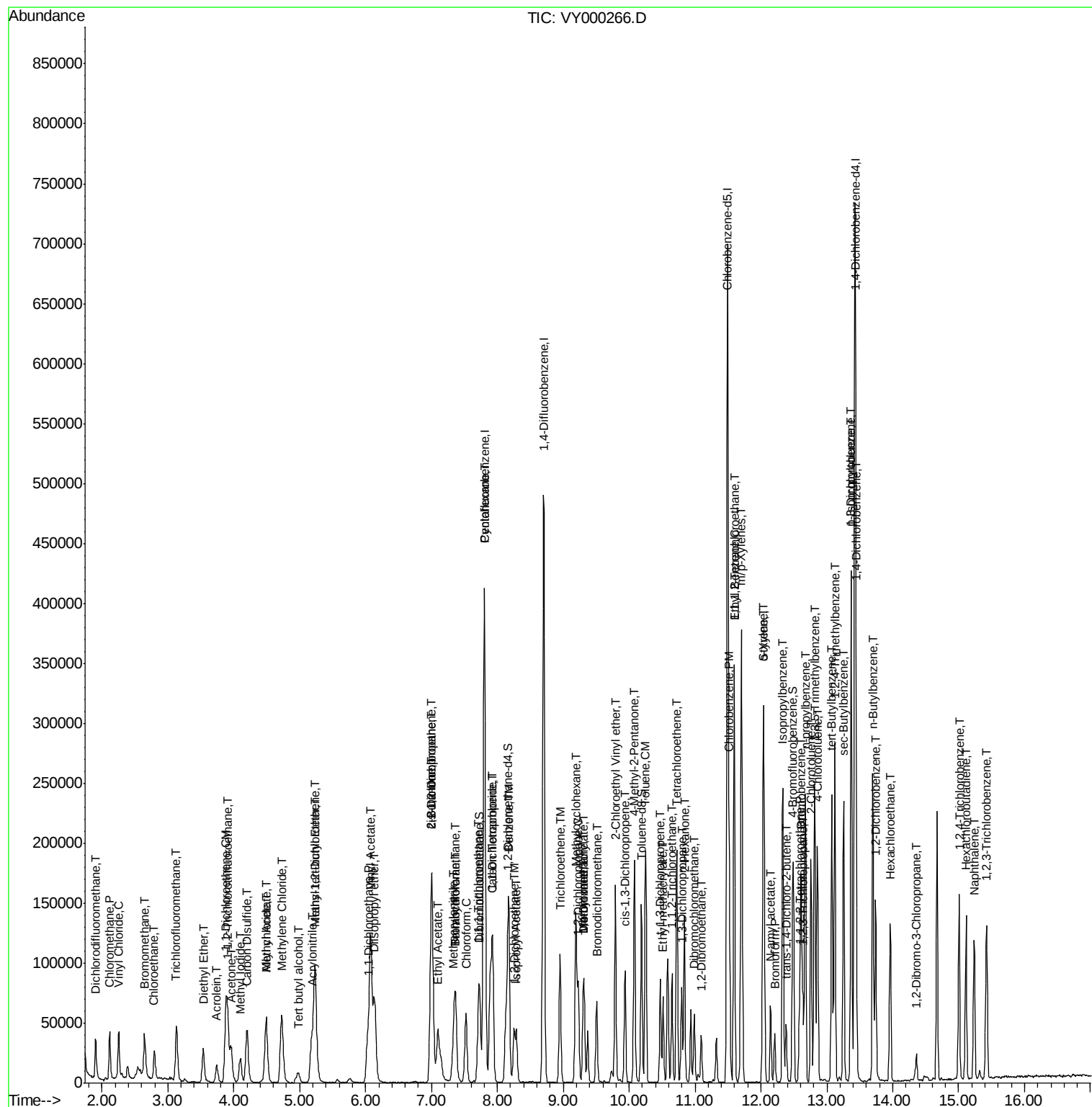
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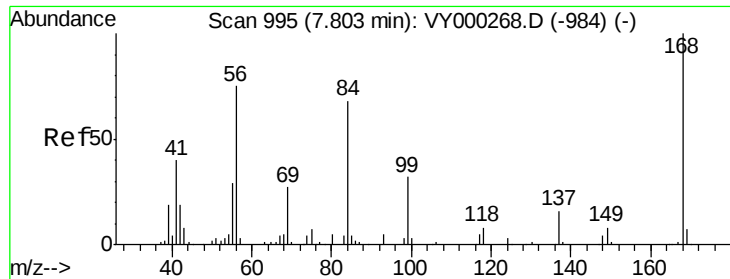
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 264649

Ion Ratio Lower Upper

168 100

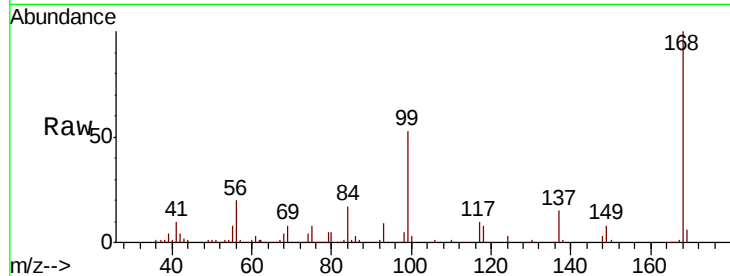
99 52.6 46.6 69.8

Manual Integrations

APPROVED

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Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

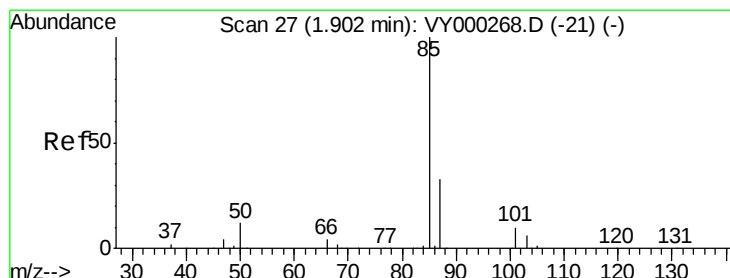
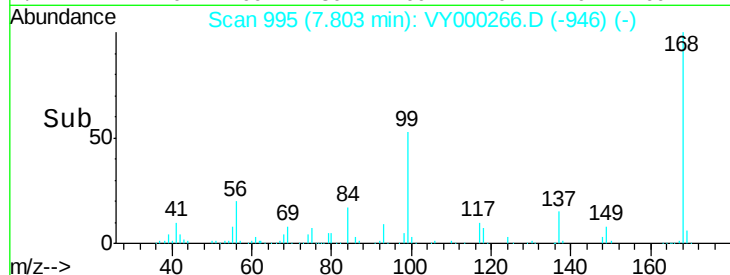
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 11.872 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000266.D

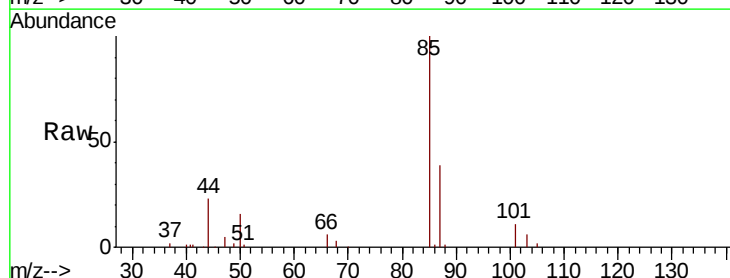
Acq: 11 Oct 2019 13:08

Tgt Ion: 85 Resp: 28013

Ion Ratio Lower Upper

85 100

87 39.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

20000

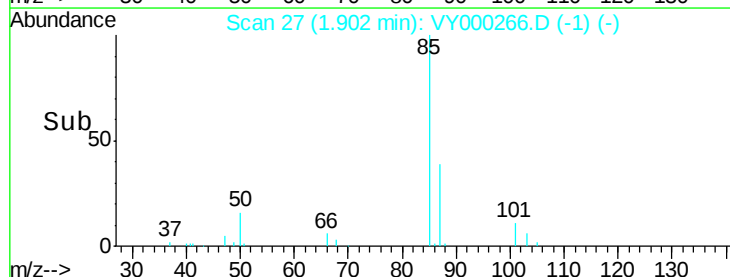
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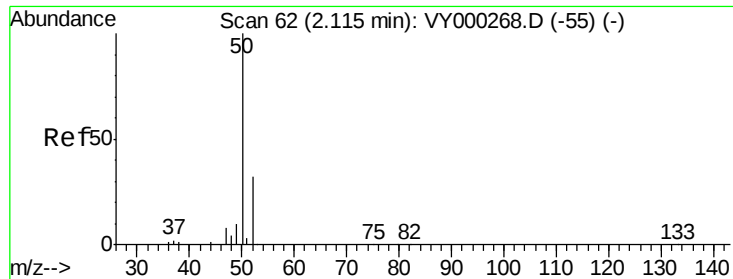
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5000

0

Time-->





#3

Chloromethane

Concen: 11.524 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 37269

Ion Ratio Lower Upper

50 100

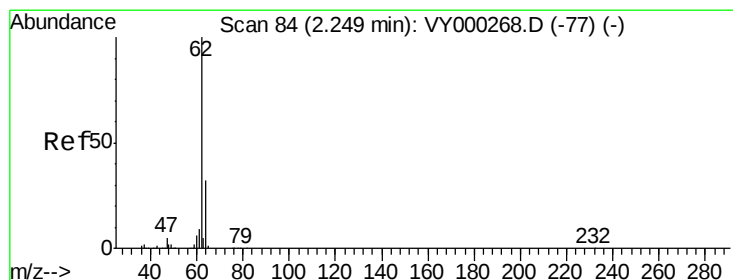
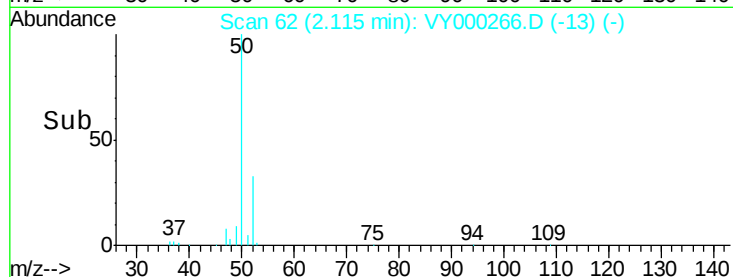
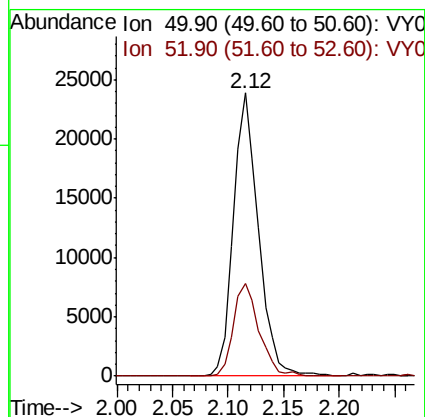
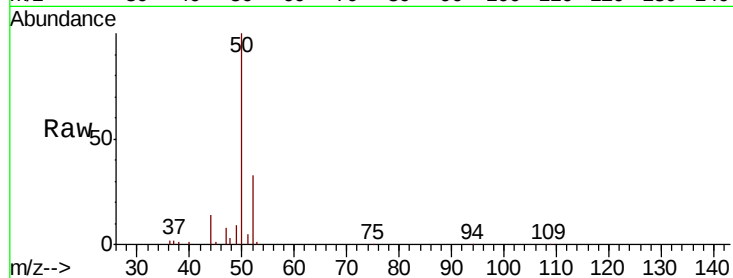
52 33.0 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 11.615 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000266.D

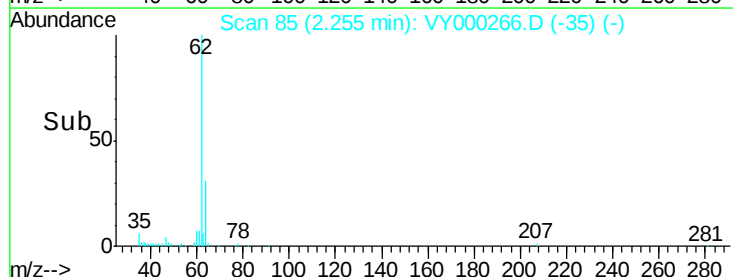
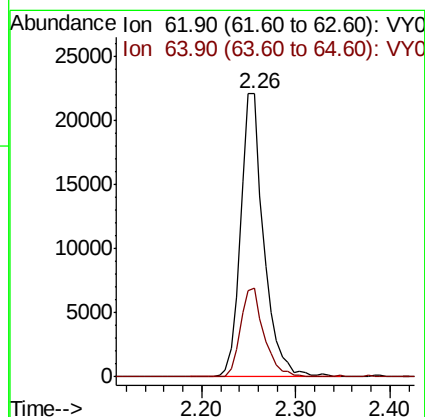
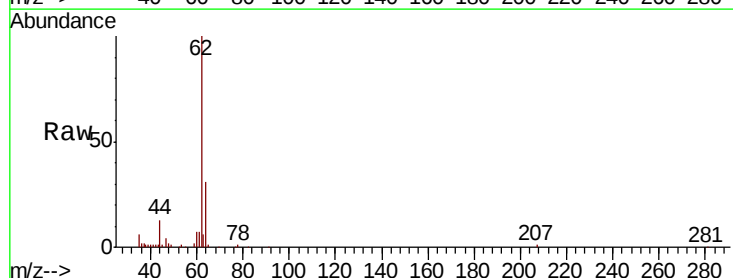
Acq: 11 Oct 2019 13:08

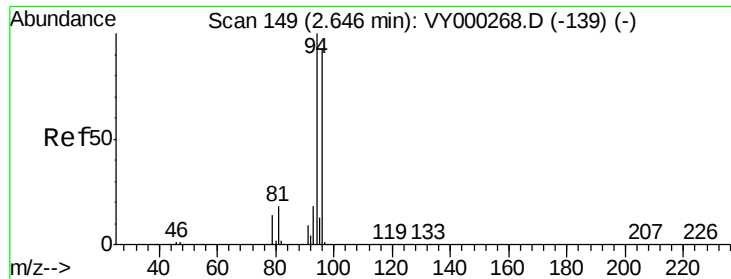
Tgt Ion: 62 Resp: 37907

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 10.973 ug/l m

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 26854

Ion Ratio Lower Upper

94 100

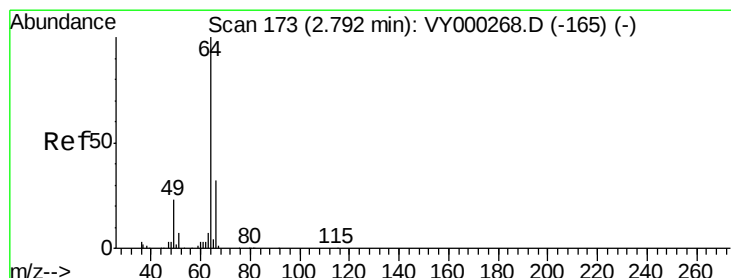
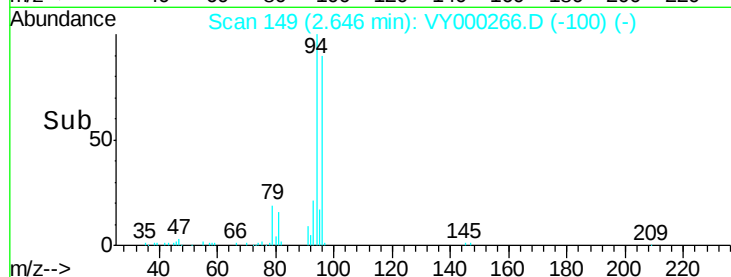
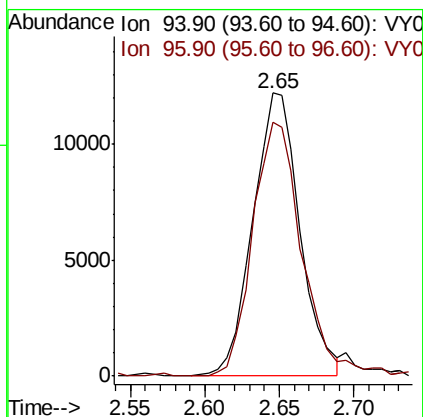
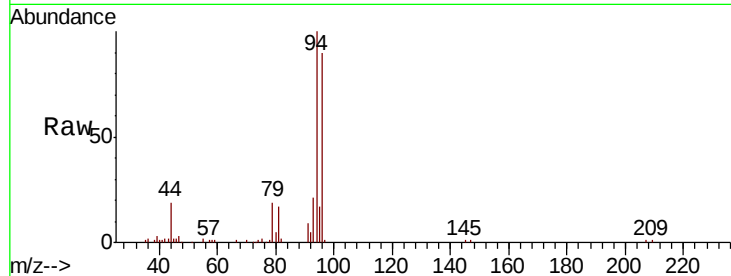
96 89.6 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 10.996 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000266.D

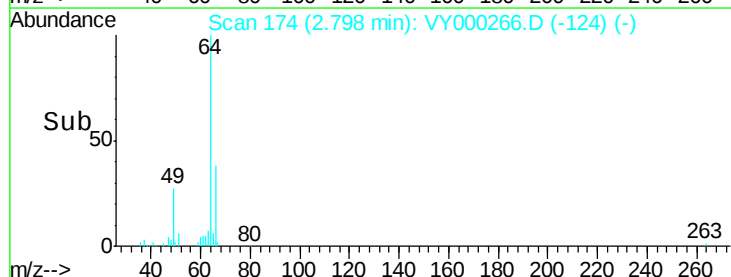
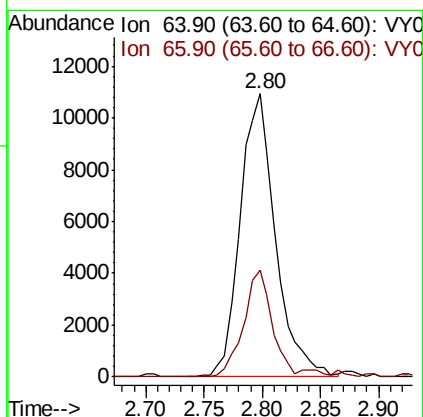
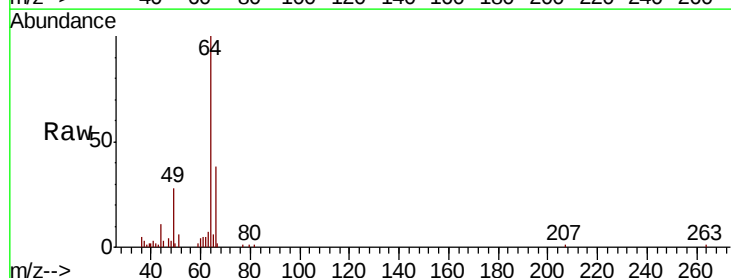
Acq: 11 Oct 2019 13:08

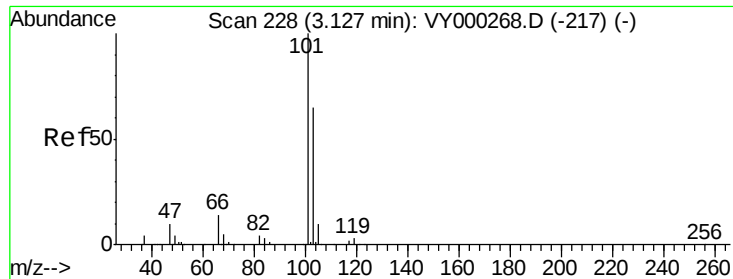
Tgt Ion: 64 Resp: 23156

Ion Ratio Lower Upper

64 100

66 37.9 25.6 38.4





#7

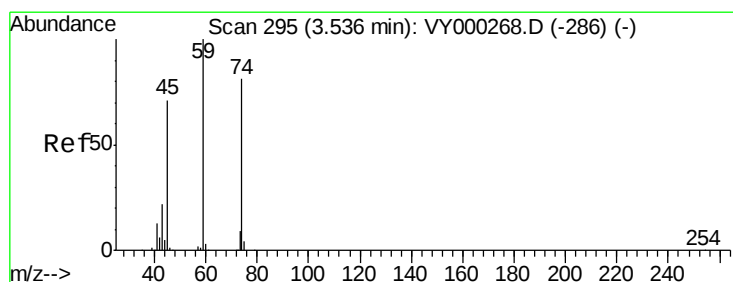
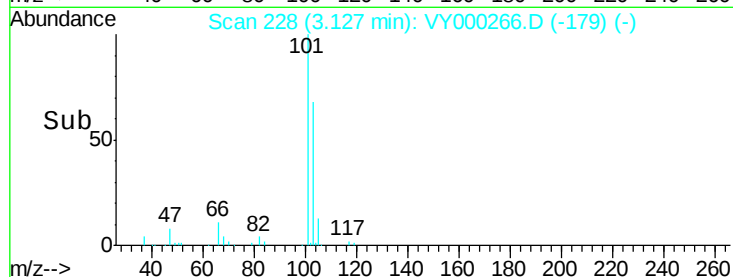
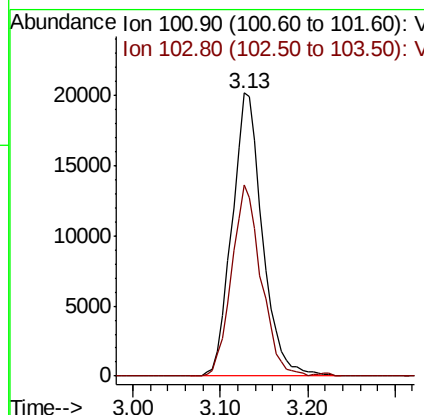
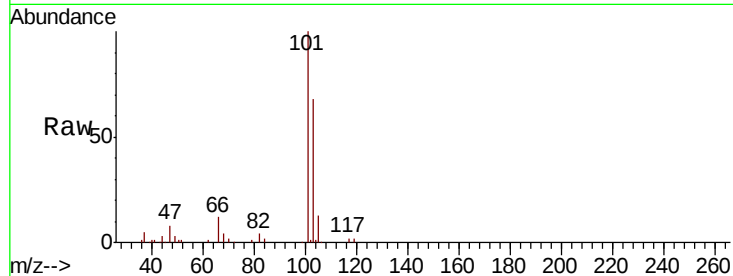
Trichlorofluoromethane
Concen: 10.949 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.2	78.4

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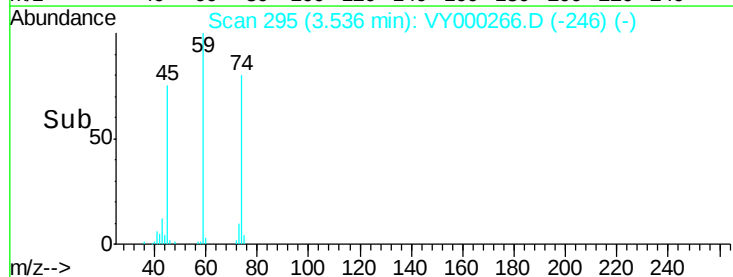
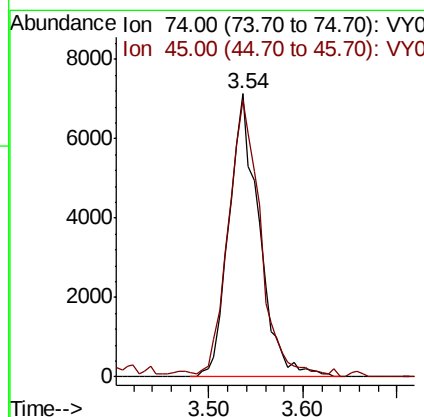
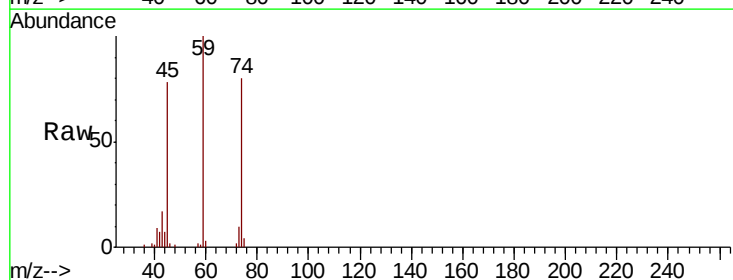
MMDadoda
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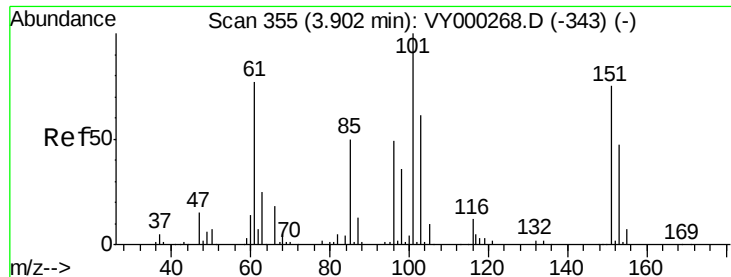


#8

Diethyl Ether
Concen: 10.095 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.049 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000266.D

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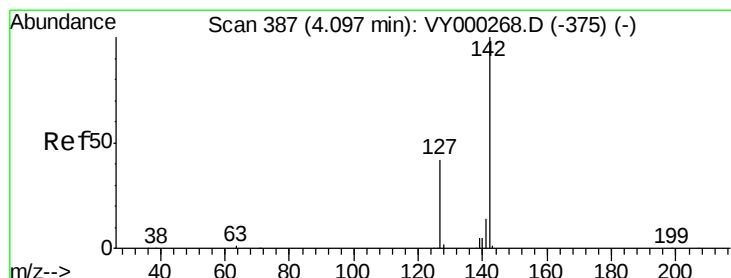
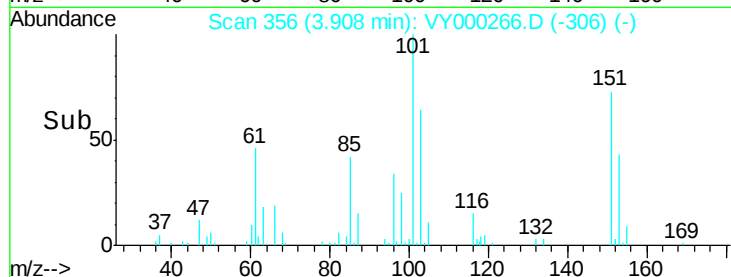
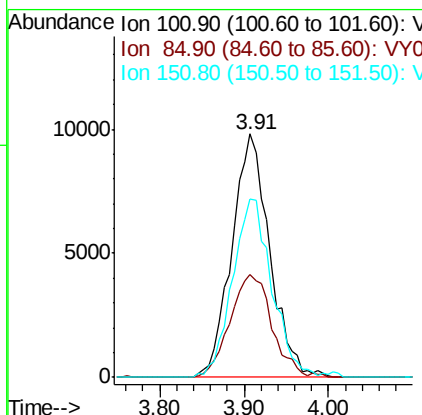
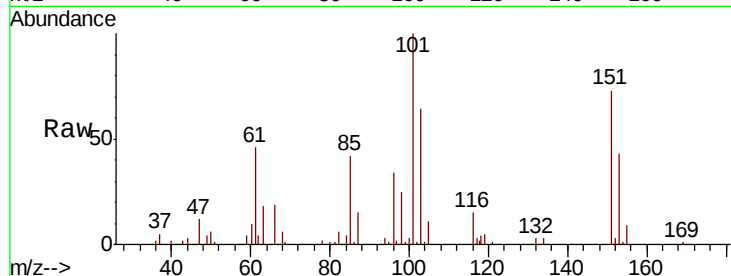
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	29914
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.6	55.0
151	76.1	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 9.200 ug/l

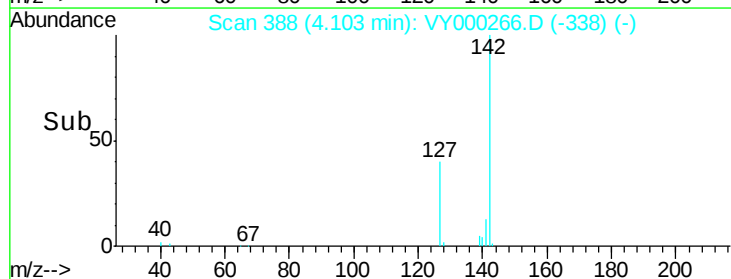
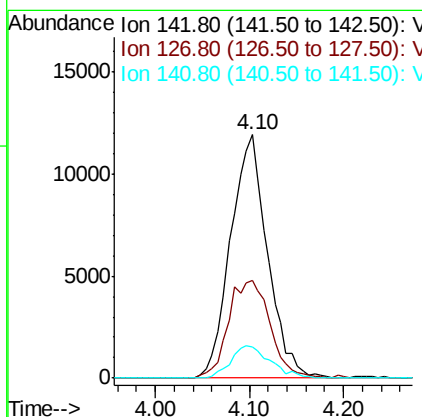
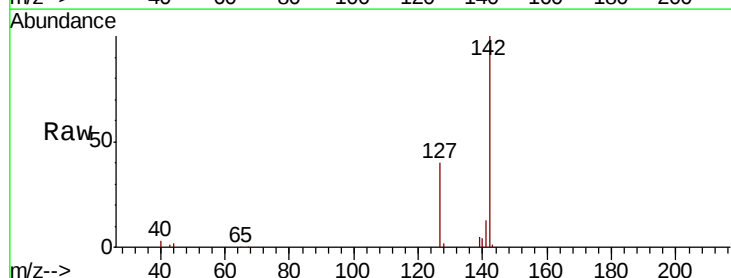
RT: 4.10 min Scan# 388

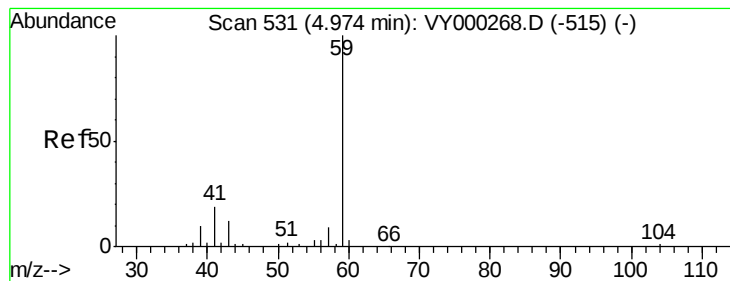
Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion:	142	Resp:	32516
Ion Ratio	Lower	Upper	
142	100		
127	45.0	33.9	50.9
141	14.2	11.2	16.8





#11

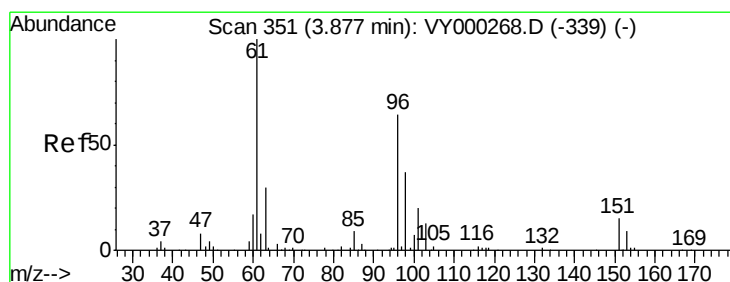
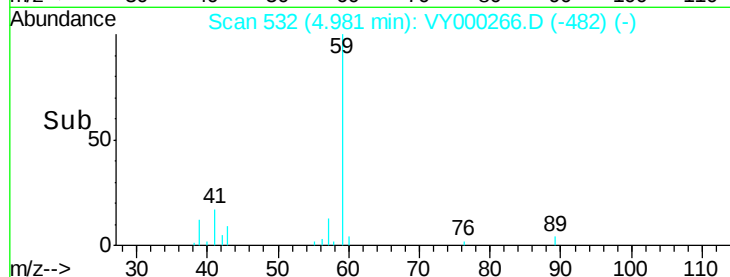
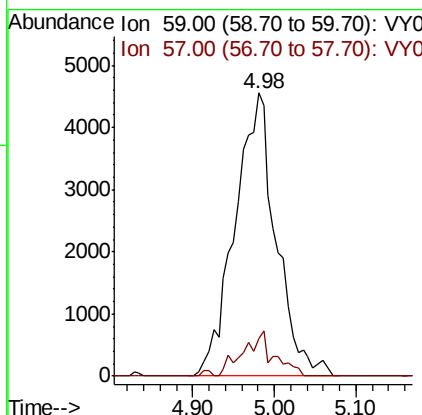
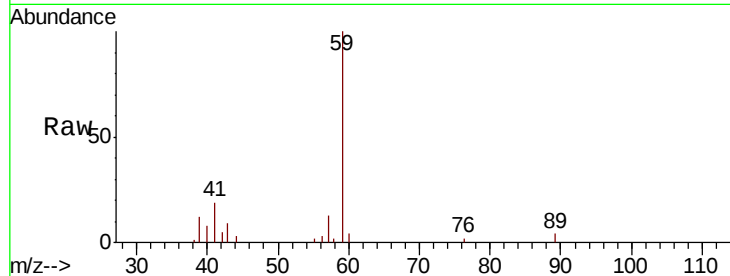
Tert butyl alcohol
 Concen: 54.665 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	59	Resp	15977
Ion Ratio	100	Lower	Upper
59	100		
57	11.8	8.2	12.2

Manual Integrations
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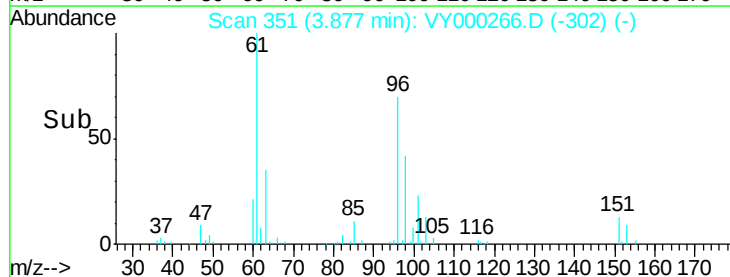
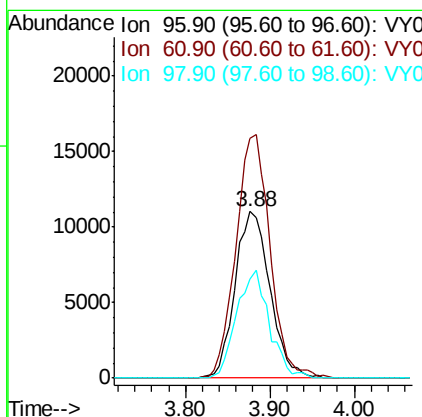
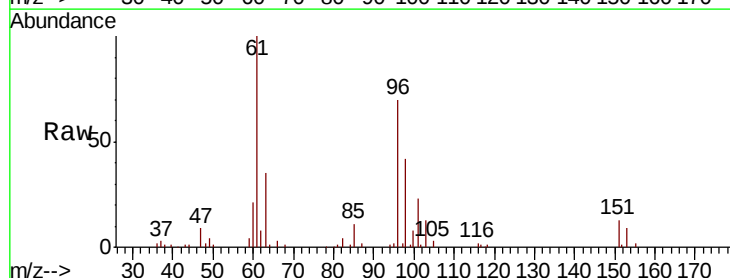
MMDadoda
 10/15/2019 12:33:37 PM

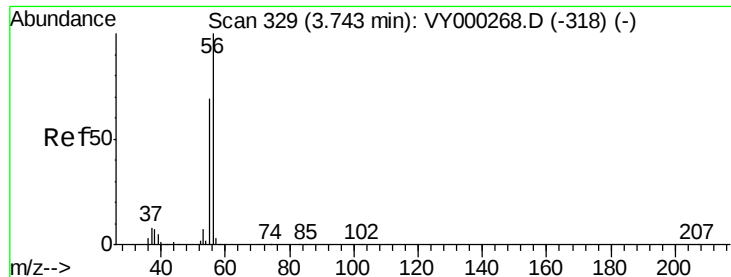


#12

1,1-Dichloroethene
 Concen: 11.592 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	96	Resp	30985
Ion Ratio	100	Lower	Upper
96	100		
61	143.8	125.8	188.6
98	59.7	46.2	69.2





#13

Acrolein

Concen: 51.876 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 17768

Ion Ratio Lower Upper

56 100

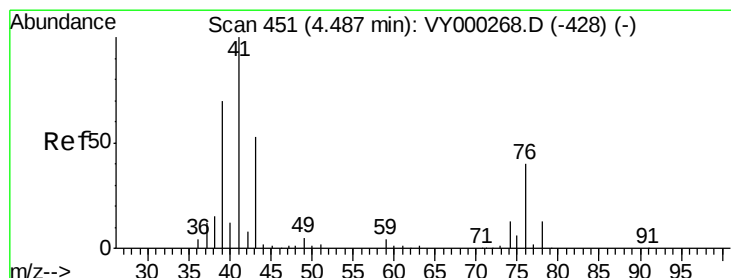
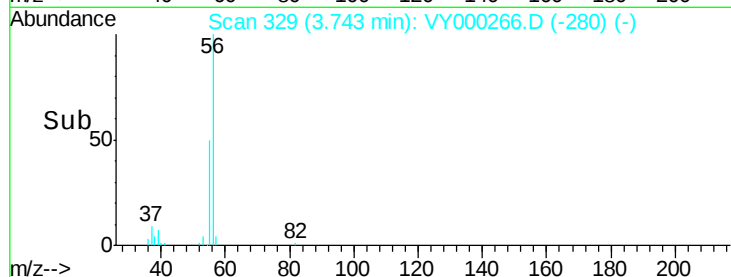
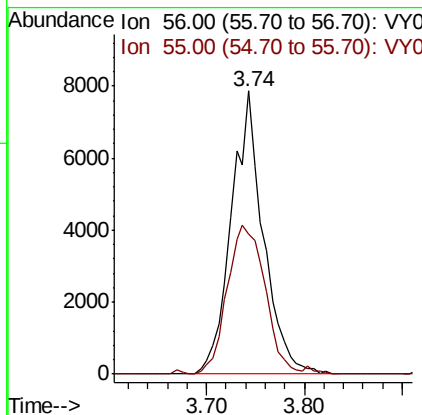
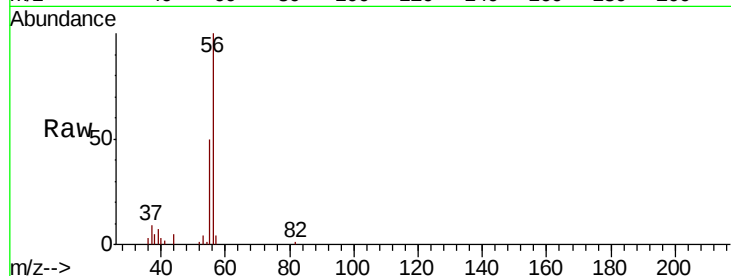
55 62.3 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 10.595 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

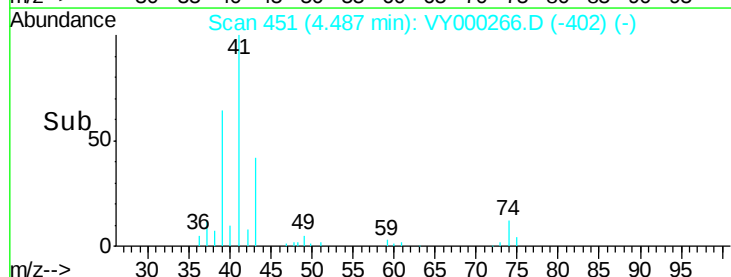
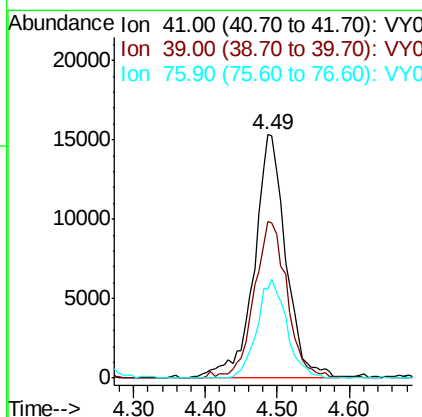
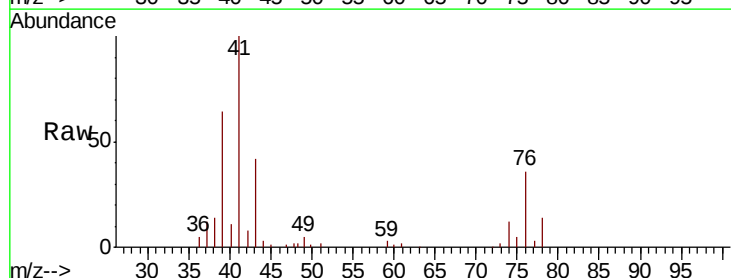
Tgt Ion: 41 Resp: 46928

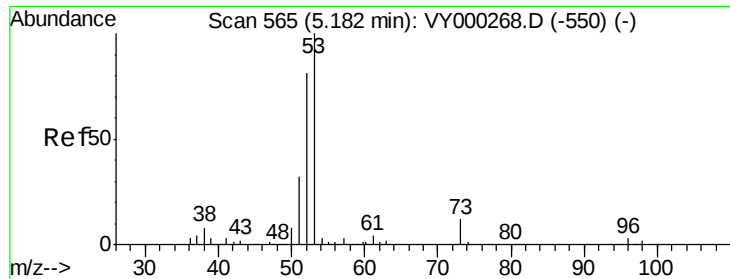
Ion Ratio Lower Upper

41 100

39 66.6 54.0 81.0

76 37.8 30.7 46.1





#15

Acrylonitrile

Concen: 51.499 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

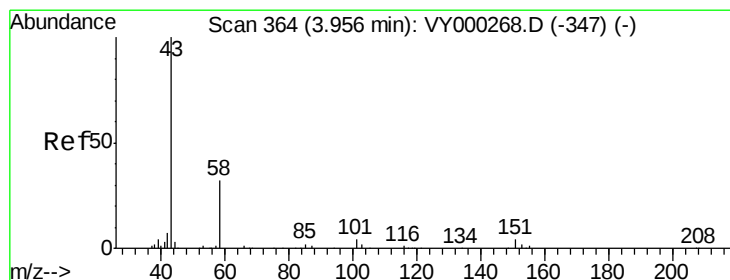
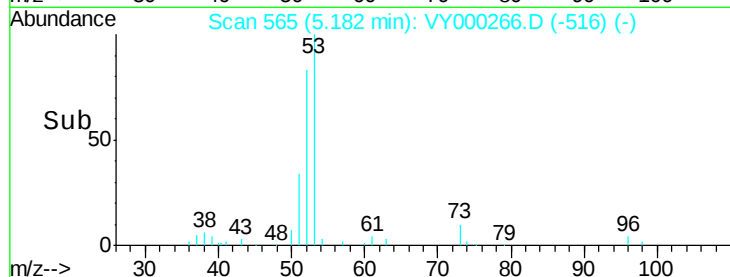
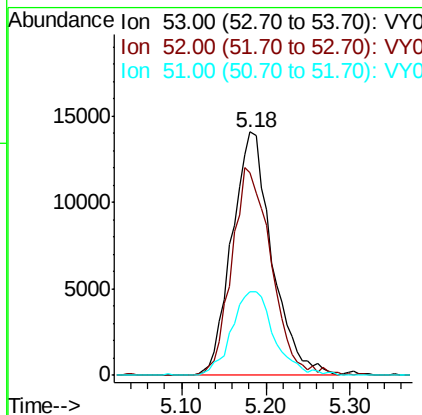
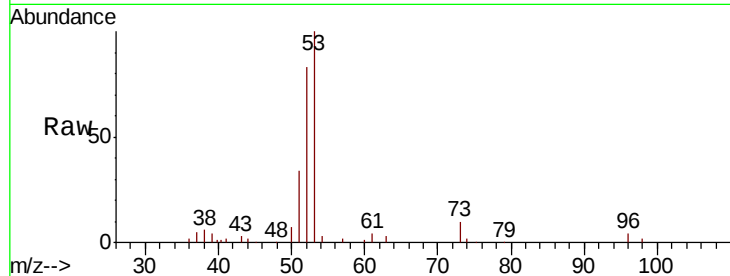
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	45461
Ion	Ratio	Lower	Upper
53	100		
52	84.2	62.9	94.3
51	36.4	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 48.933 ug/l

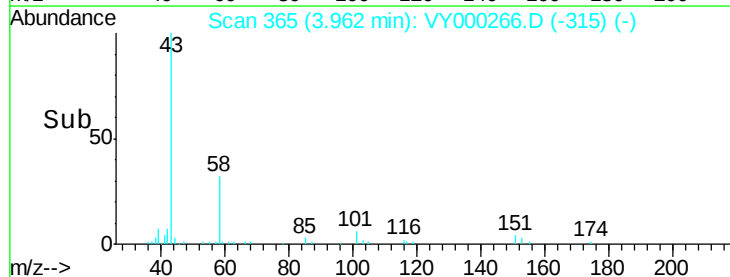
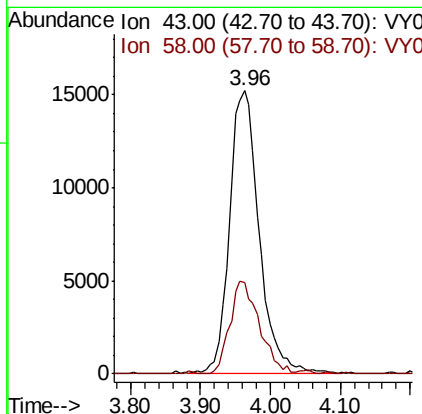
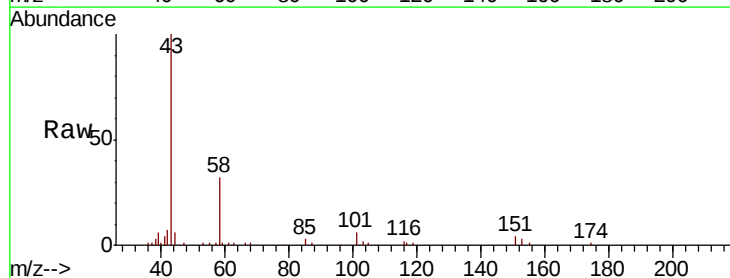
RT: 3.96 min Scan# 365

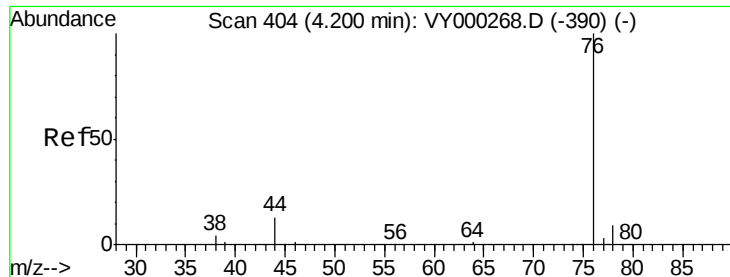
Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion:	43	Resp:	44238
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6





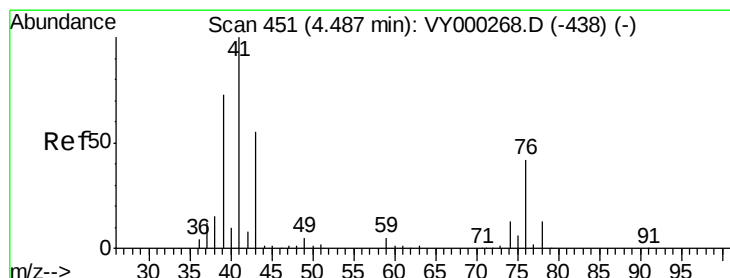
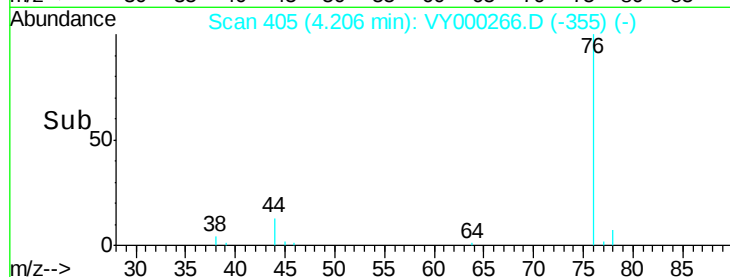
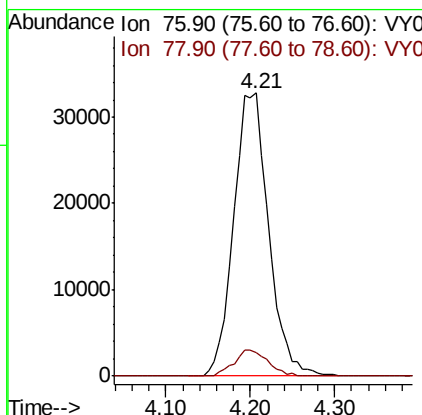
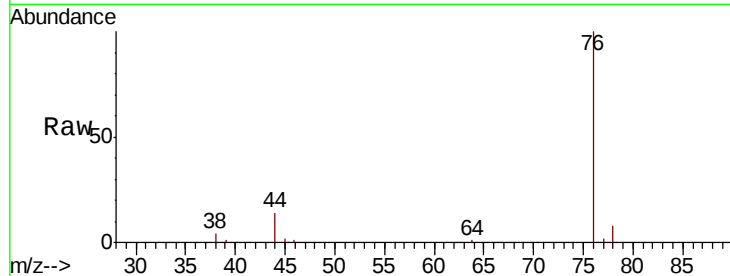
#17
Carbon Disulfide
Concen: 10.925 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 76 Resp: 91944
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

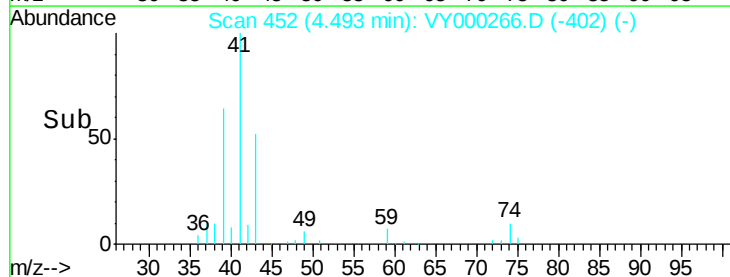
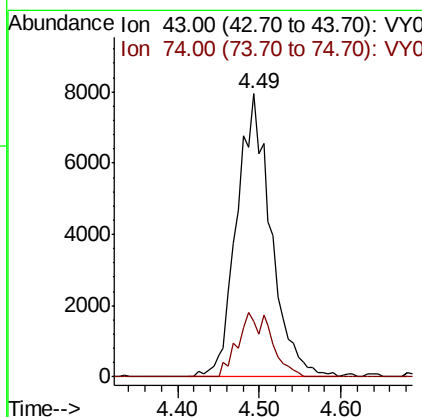
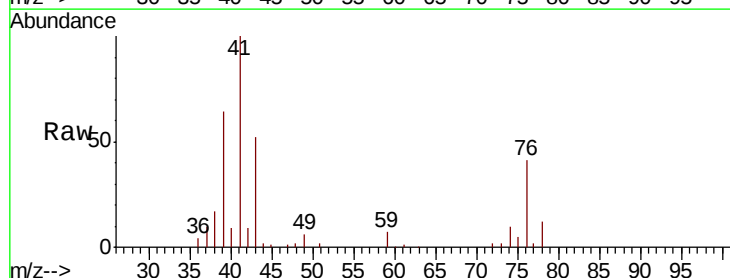
Manual Integrations
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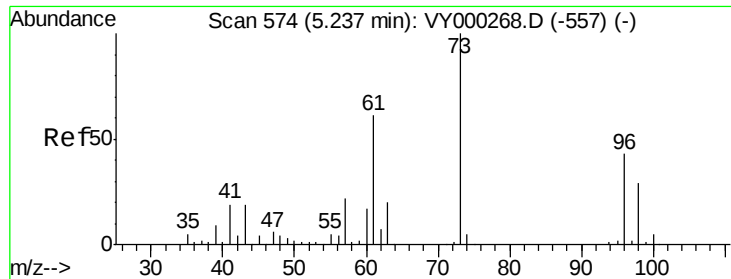
MMDadoda
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#18
Methyl Acetate
Concen: 10.276 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 43 Resp: 23083
Ion Ratio Lower Upper
43 100
74 13.4 20.4 30.6#





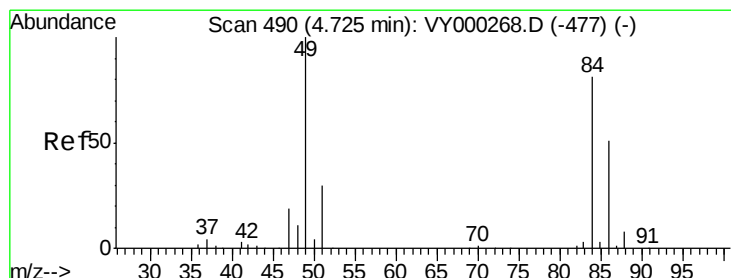
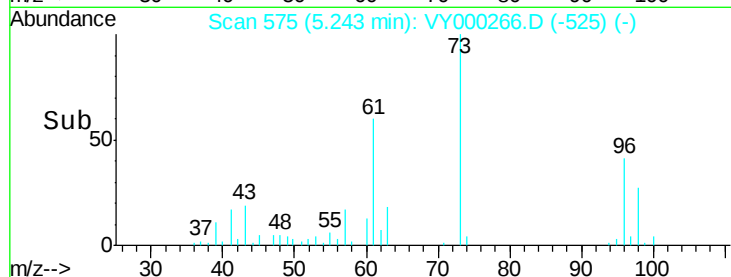
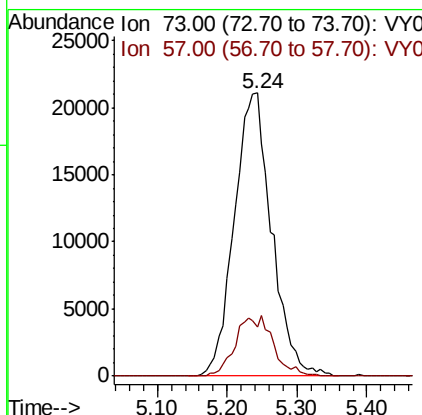
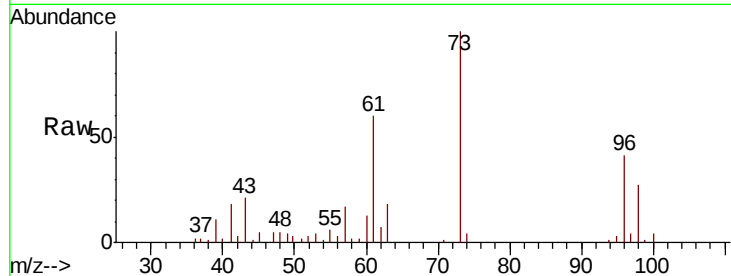
#19
Methyl tert-butyl Ether
Concen: 10.506 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 78173
Ion Ratio Lower Upper
73 100
57 17.3 17.4 26.0#

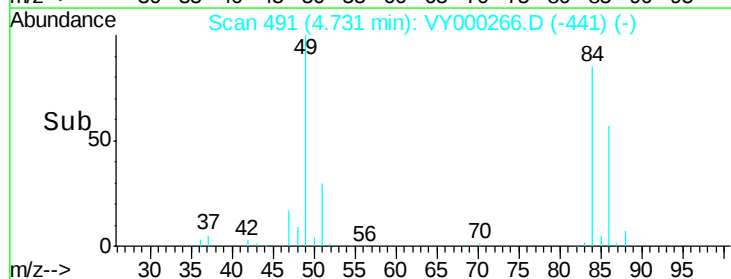
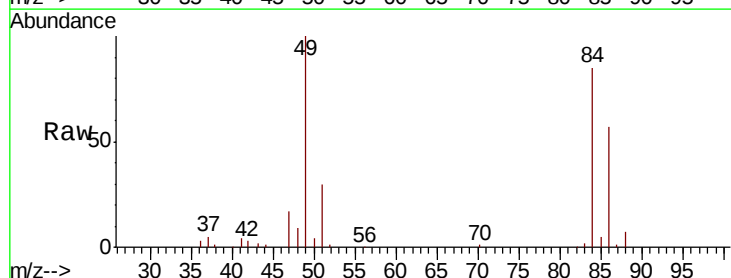
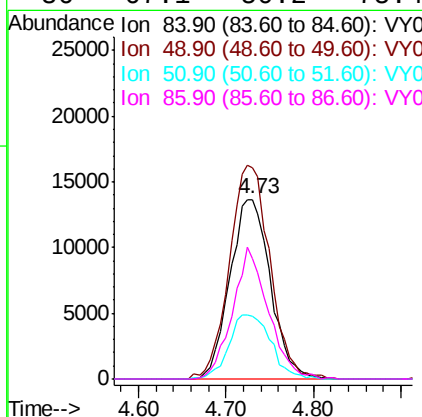
Manual Integrations
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#20
Methylene Chloride
Concen: 11.864 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 84 Resp: 43982
Ion Ratio Lower Upper
84 100
49 117.8 99.0 148.4
51 34.9 29.3 43.9
86 67.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 10.779 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 96 Resp: 33055

Ion Ratio Lower Upper

96 100

61 122.8 100.4 150.6

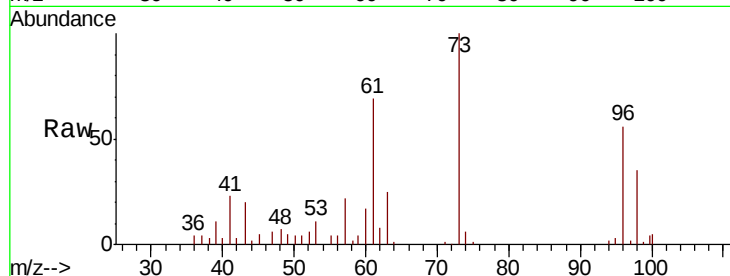
98 61.5 44.6 66.8

Manual Integrations

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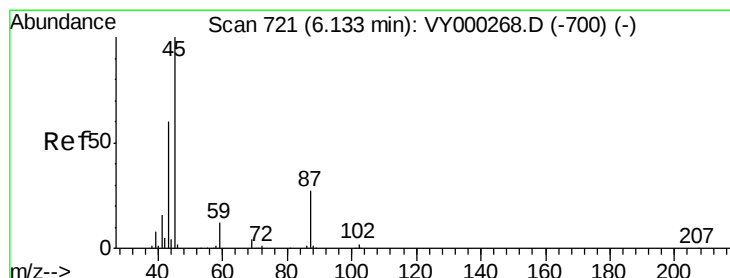
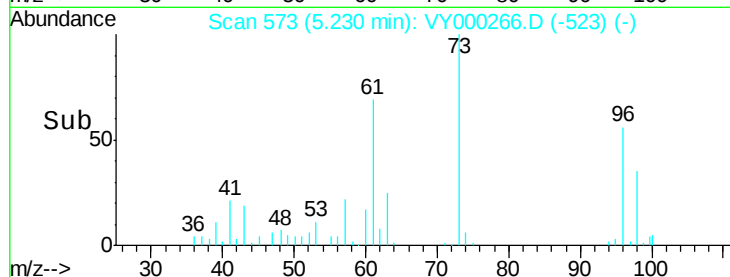
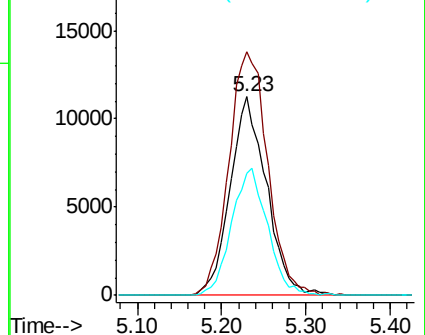
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Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 10.268 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion: 45 Resp: 96196

Ion Ratio Lower Upper

45 100

43 65.8 48.5 72.7

87 27.6 21.5 32.3

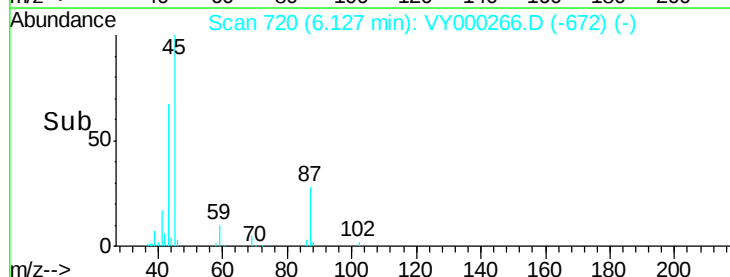
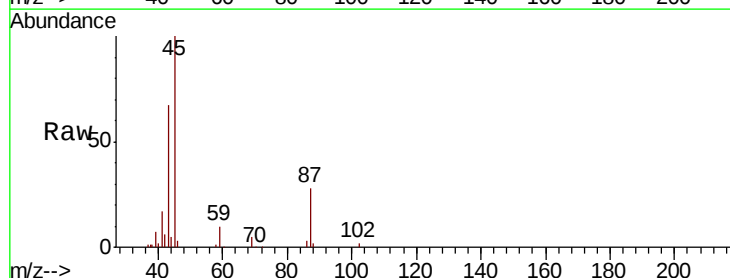
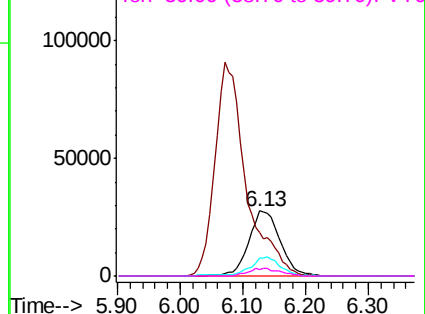
59 10.3 9.4 14.0

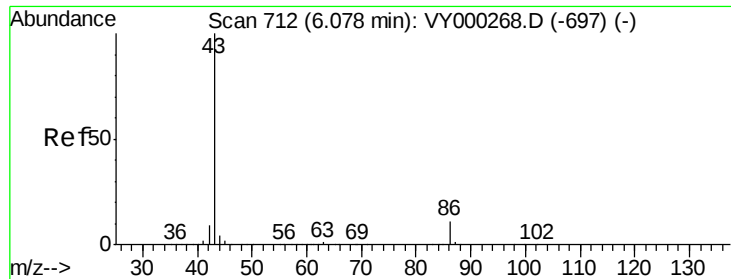
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 51.166 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 312718

Ion Ratio Lower Upper

43 100

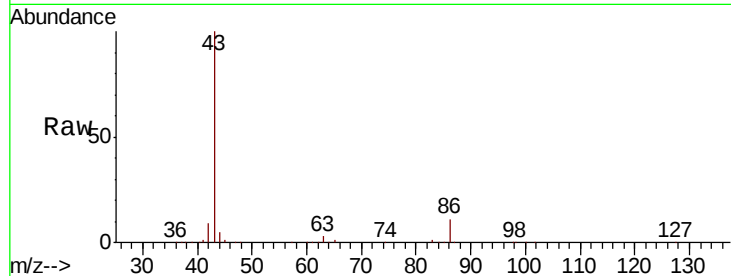
86 11.4 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

100000

80000

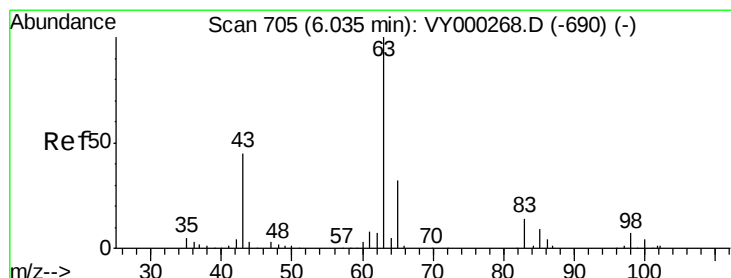
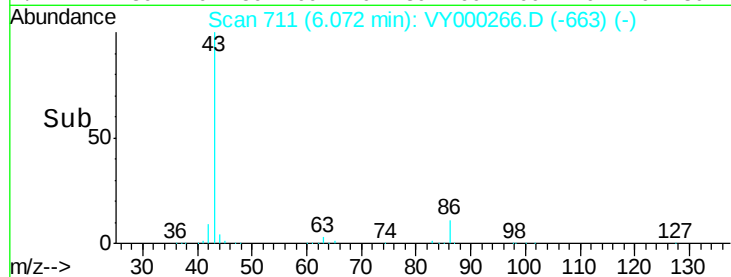
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 10.906 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

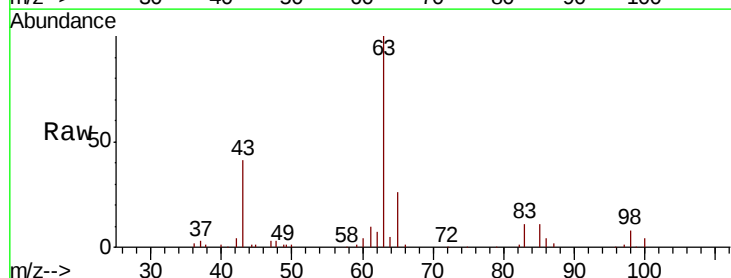
Tgt Ion: 63 Resp: 55768

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.4

100 3.7 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

25000

20000

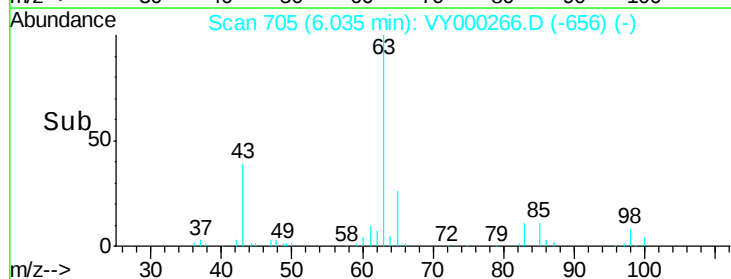
15000

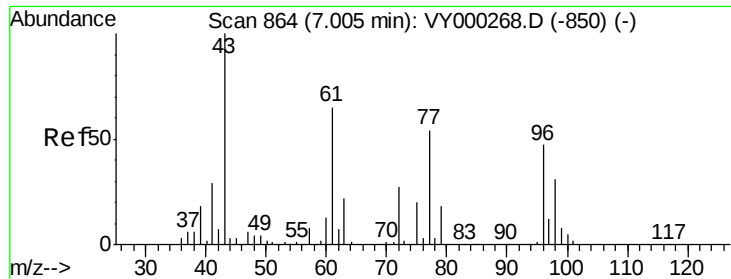
10000

5000

0

Time--> 5.90 6.00 6.10





#25

2-Butanone

Concen: 50.012 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 63691

Ion Ratio Lower Upper

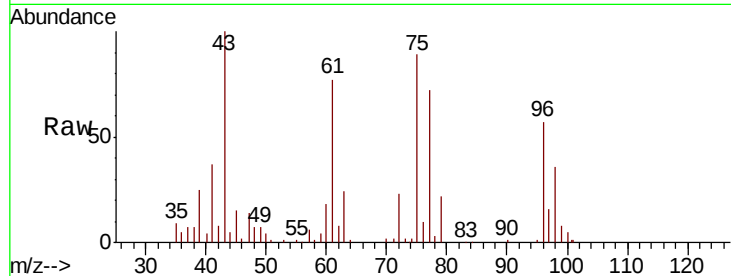
43 100

72 22.8 21.4 32.2

Manual Integrations
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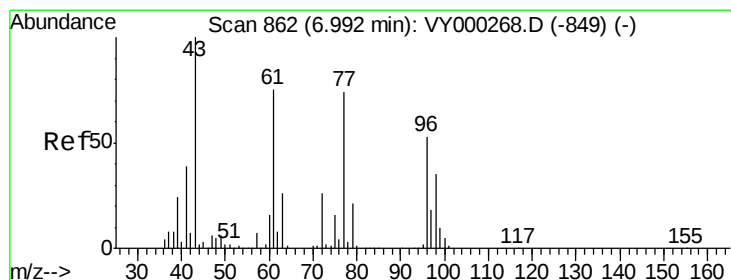
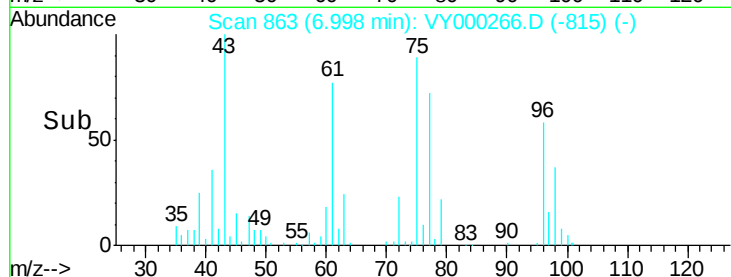
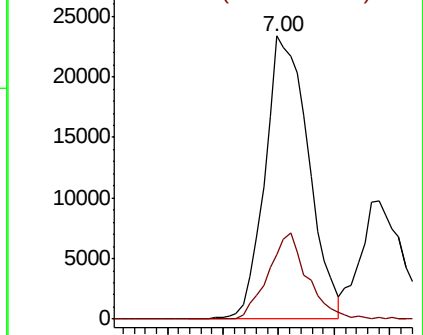
MMDadoda

10/15/2019 12:33:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 11.028 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000266.D

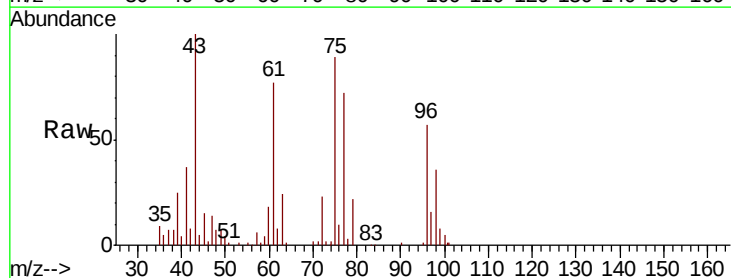
Acq: 11 Oct 2019 13:08

Tgt Ion: 77 Resp: 51966

Ion Ratio Lower Upper

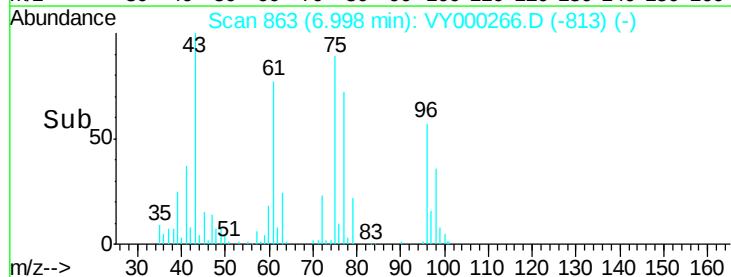
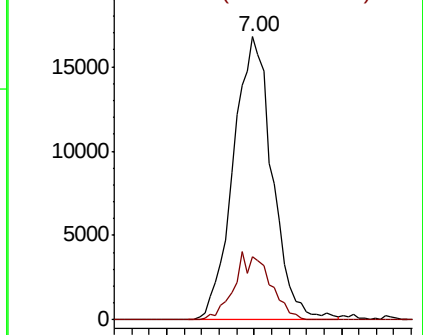
77 100

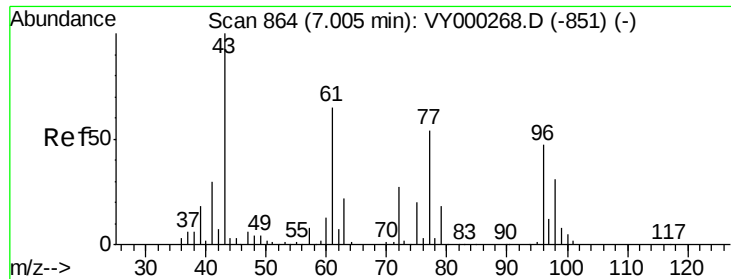
97 21.8 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

cis-1,2-Dichloroethene

Concen: 10.896 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000266.D

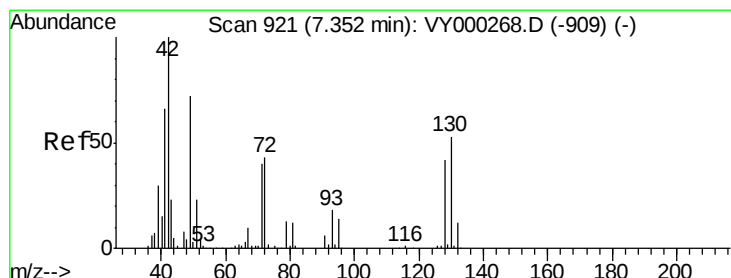
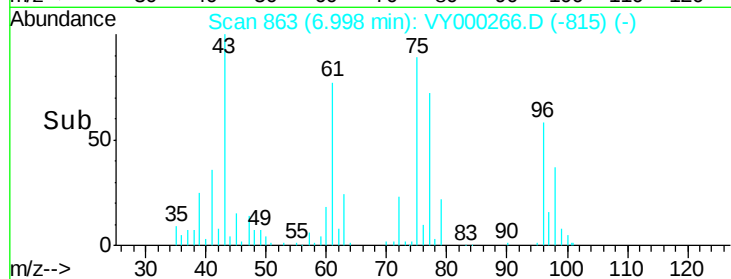
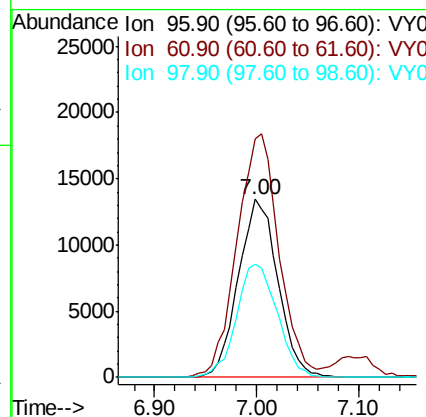
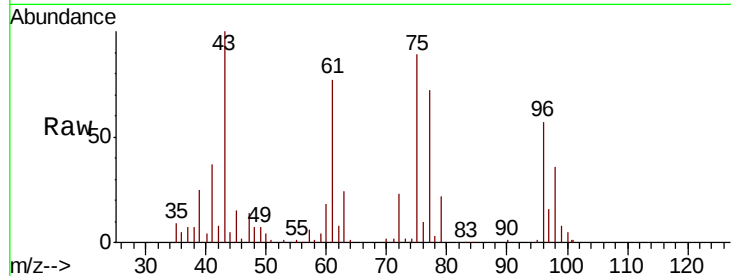
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleID :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	289.8
98	65.4	0.0	131.8

Manual Integrations
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#28

Bromochloromethane

Concen: 9.016 ug/l

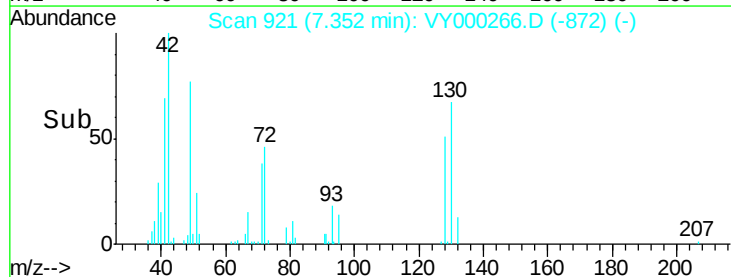
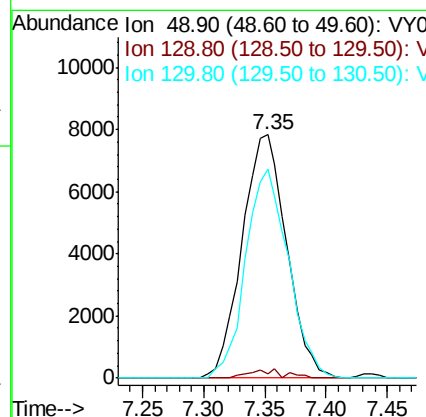
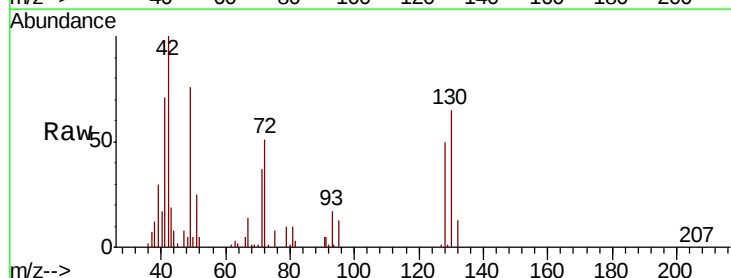
RT: 7.35 min Scan# 921

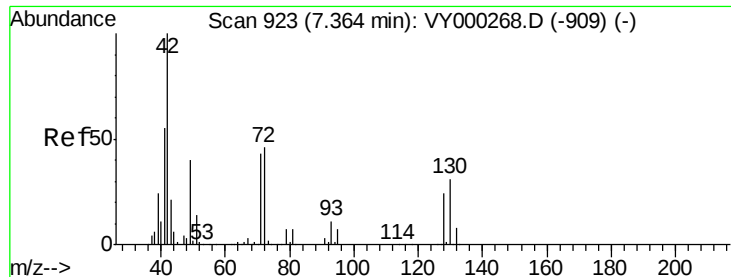
Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.0
130	82.6	58.2	87.2





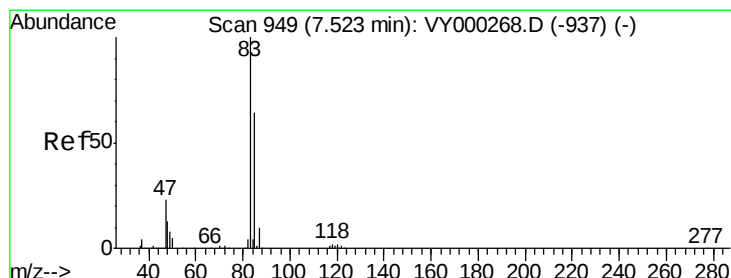
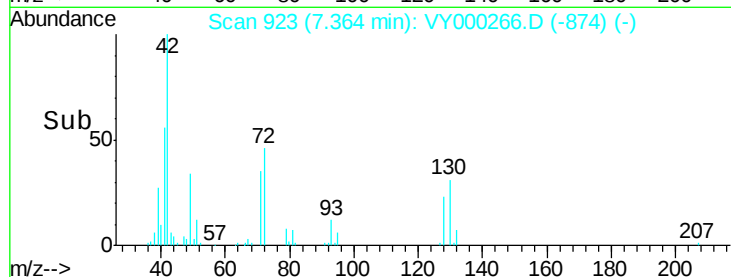
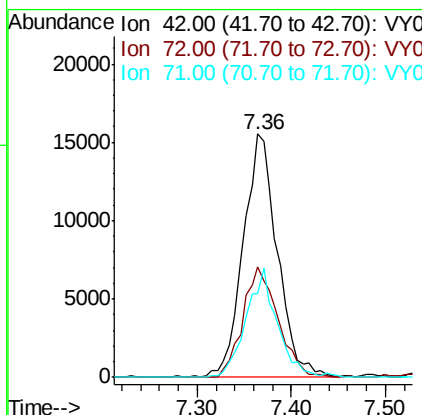
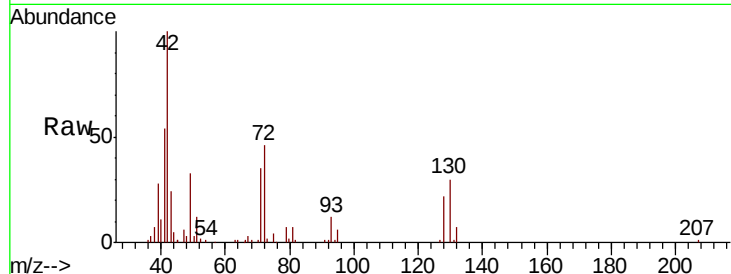
#29
Tetrahydrofuran
Concen: 51.175 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	34.5	51.7
71	40.5	32.7	49.1

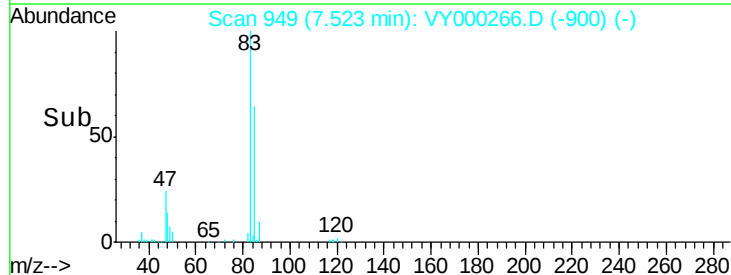
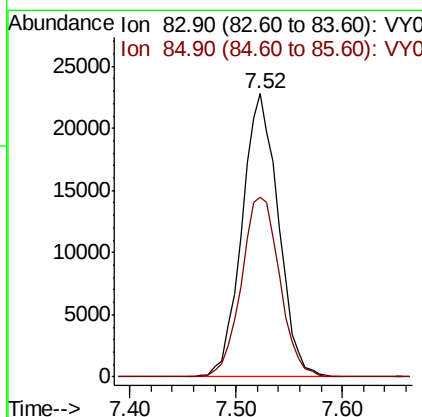
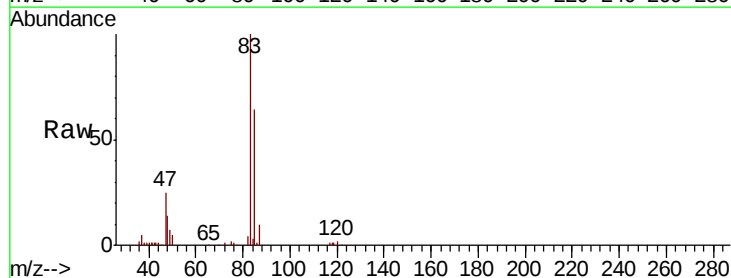
Manual Integrations
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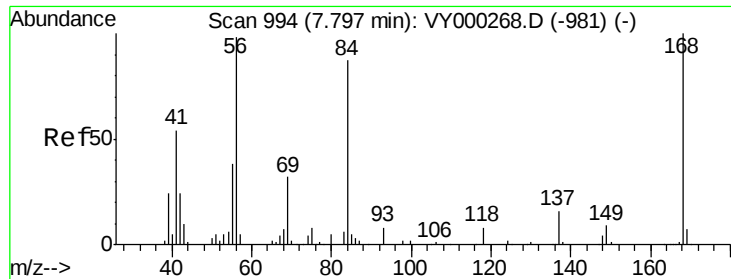
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#30
Chloroform
Concen: 10.606 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.2





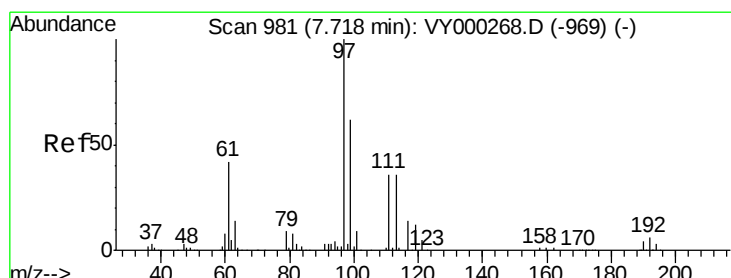
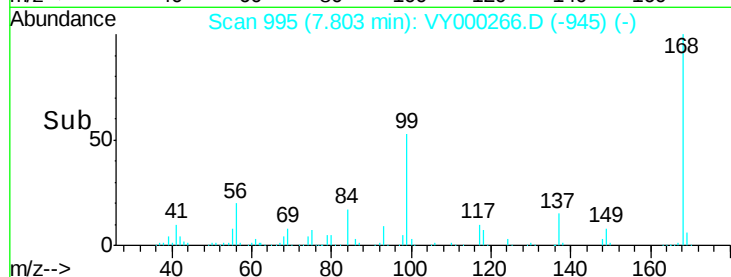
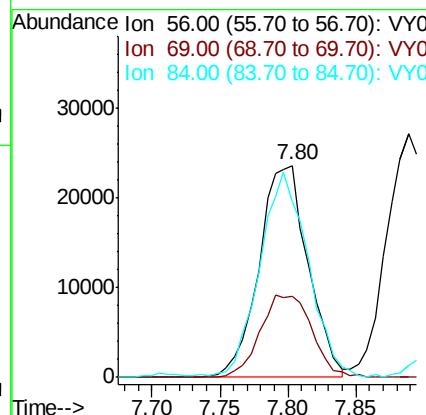
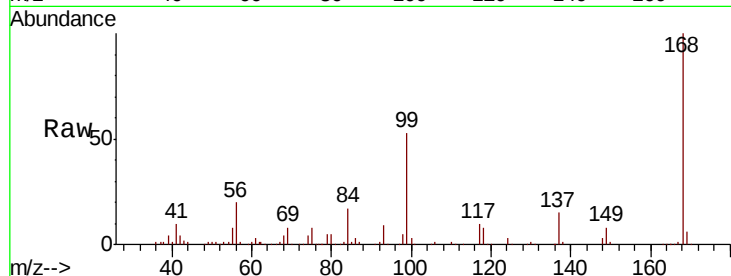
#31
Cyclohexane
Concen: 11.164 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.4	26.3	39.5
84	81.9	70.8	106.2

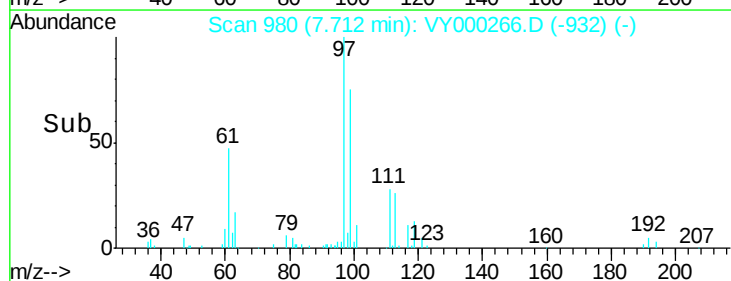
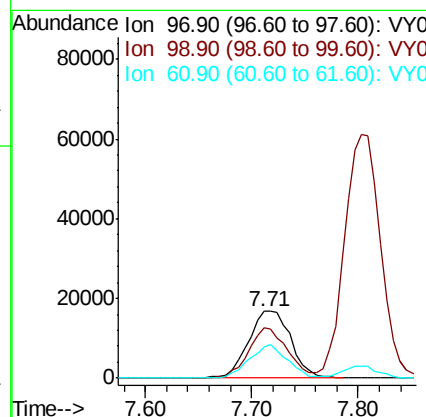
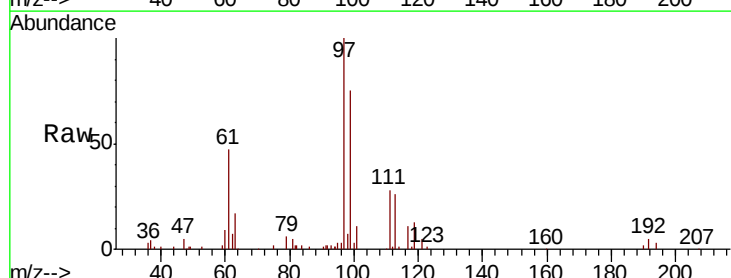
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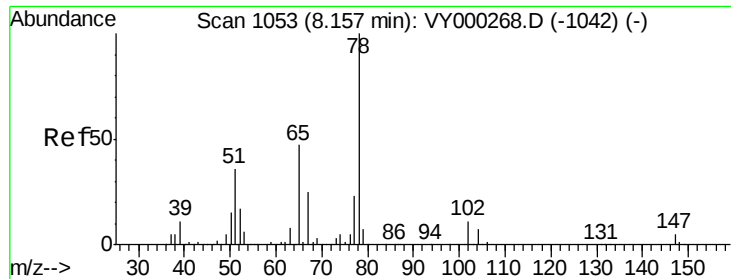
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#32
1,1,1-Trichloroethane
Concen: 10.309 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.8	51.7	77.5
61	44.8	34.5	51.7





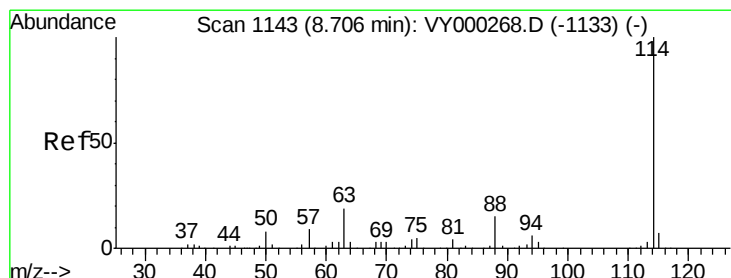
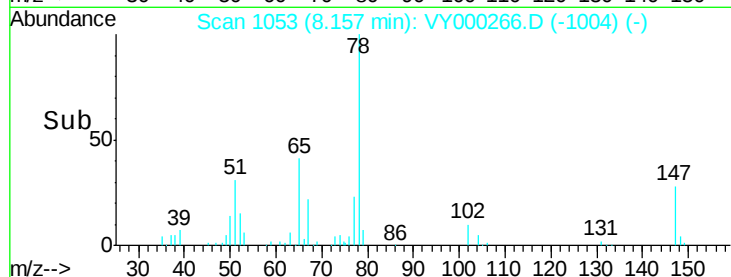
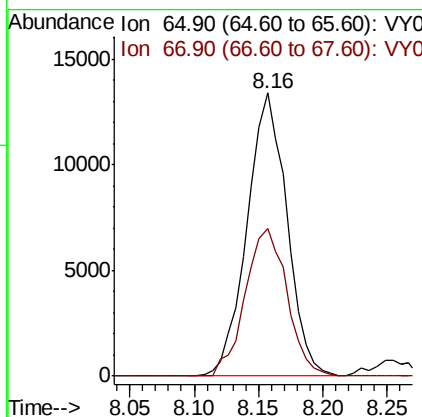
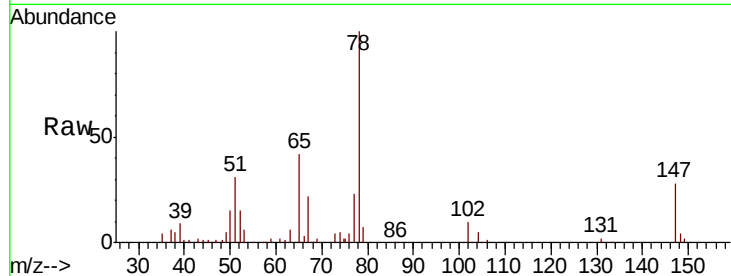
#33
 1,2-Dichloroethane-d4
 Concen: 10.276 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.4

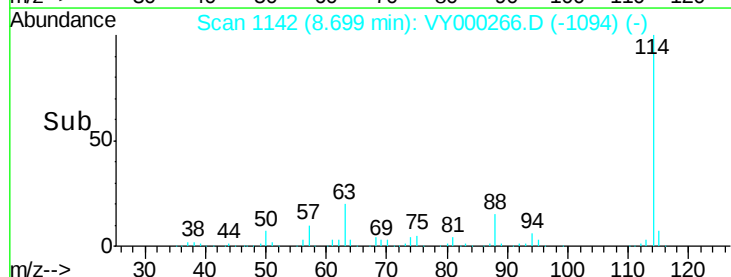
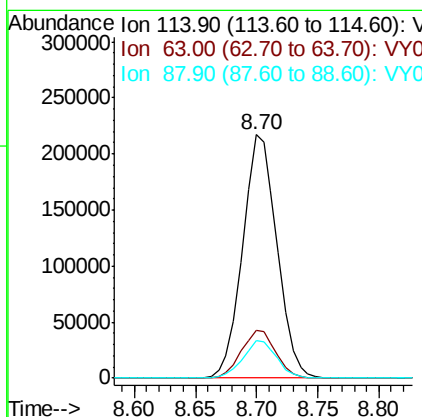
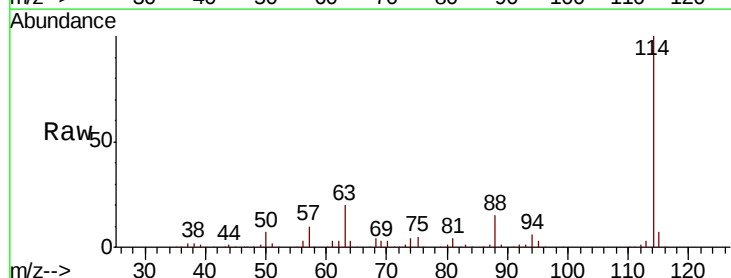
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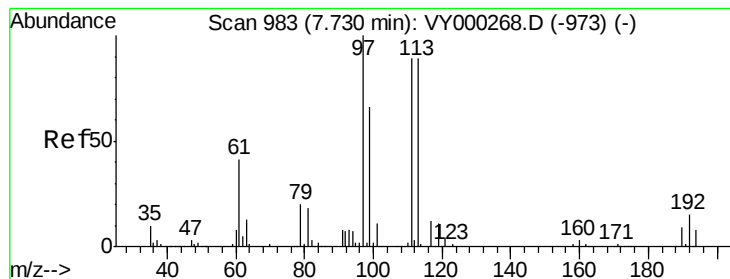
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.2
88	15.3	0.0	30.2





#35

Dibromofluoromethane

Concen: 11.050 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

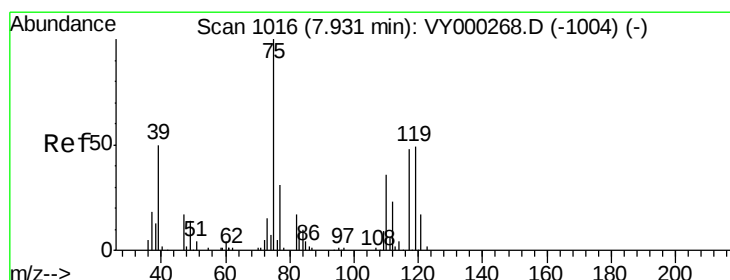
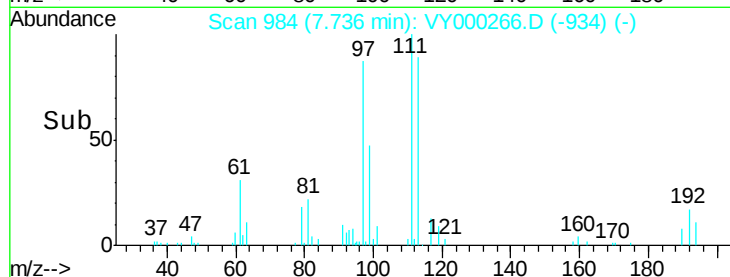
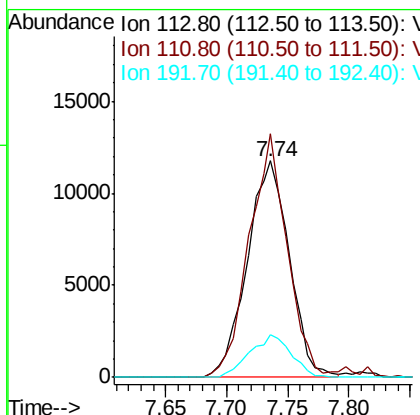
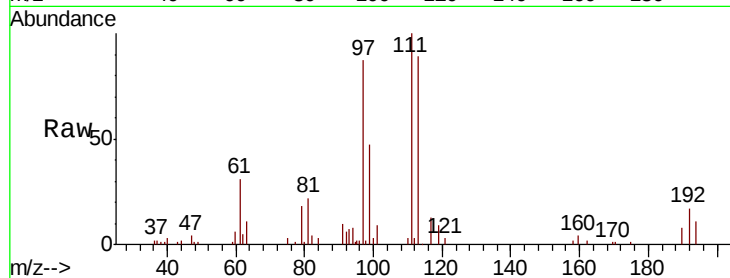
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	19.2	15.3	22.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 11.020 ug/l

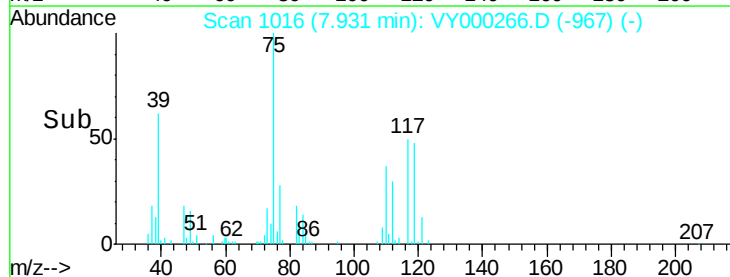
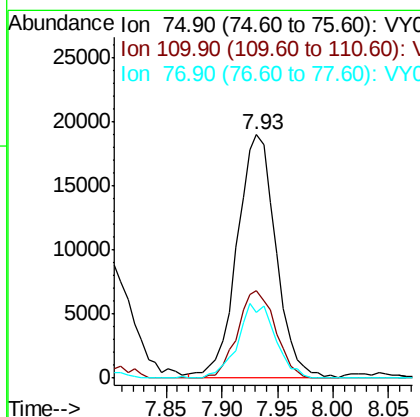
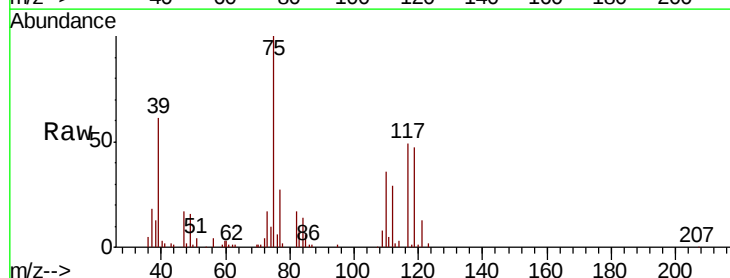
RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.4	55.4
77	29.8	25.0	37.6





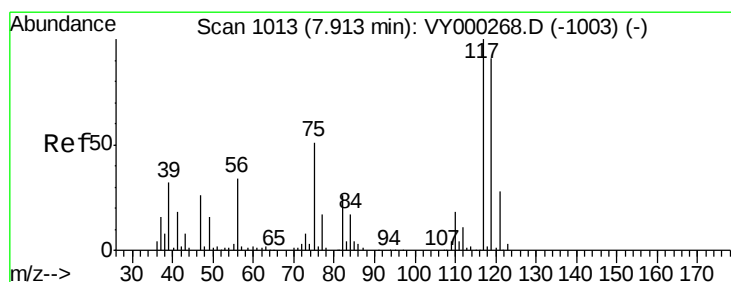
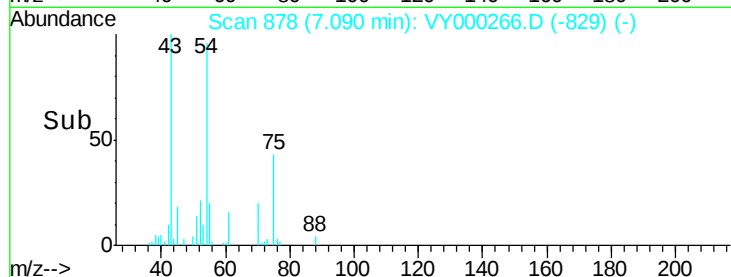
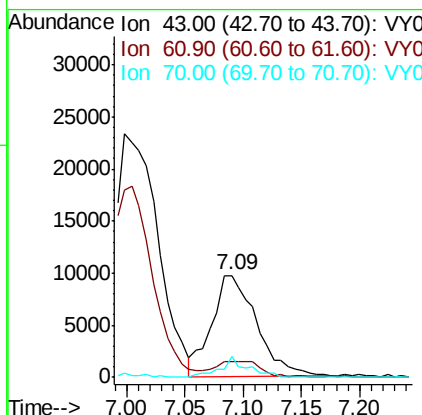
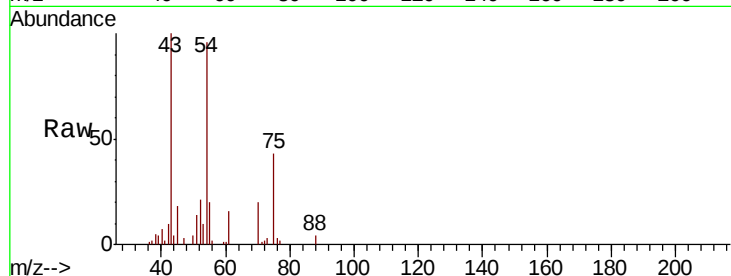
#37
Ethyl Acetate
Concen: 10.630 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	12.2	8.7	13.1

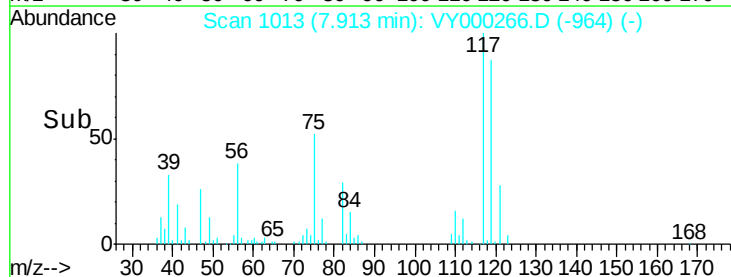
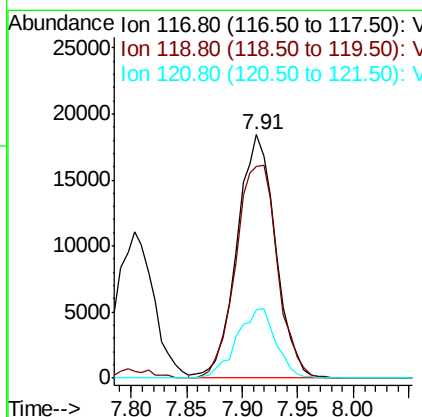
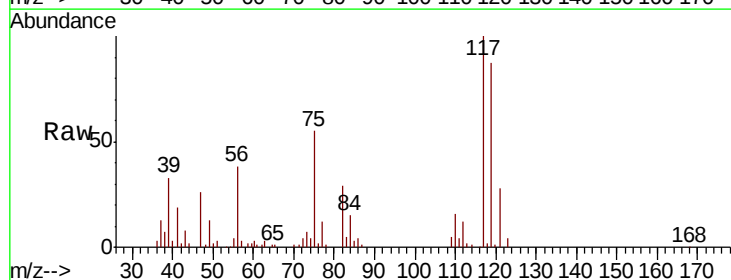
Manual Integrations
APPROVED

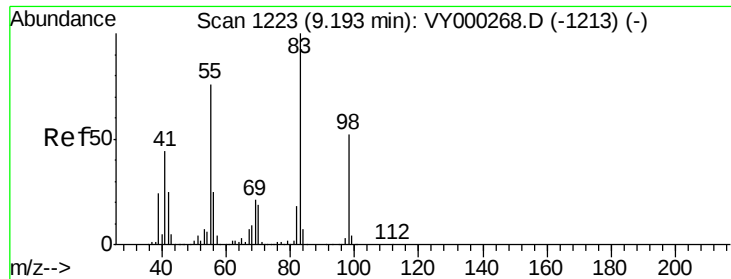
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#38
Carbon Tetrachloride
Concen: 11.088 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.0	72.8	109.2
121	28.1	22.2	33.2





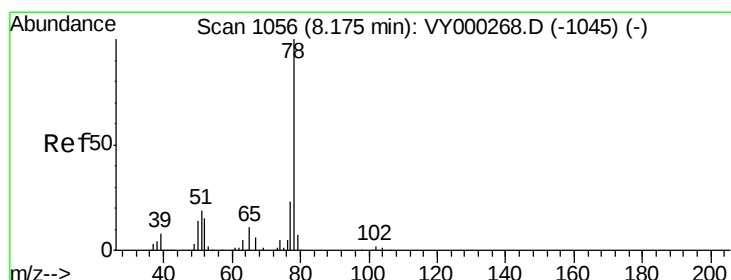
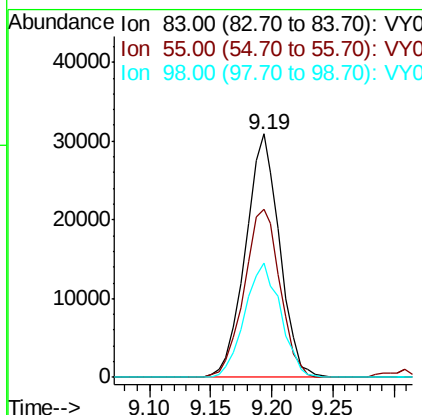
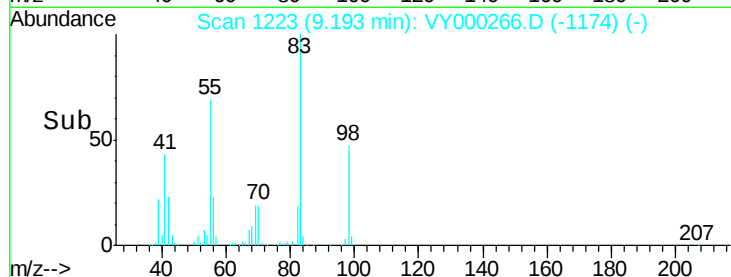
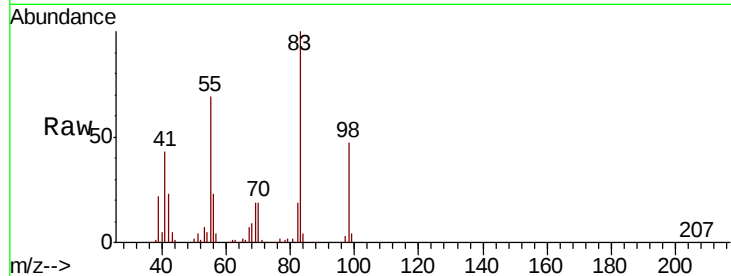
#39
Methvlcvclohexane
Concen: 11.019 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.1	60.9	91.3
98	47.2	41.8	62.6

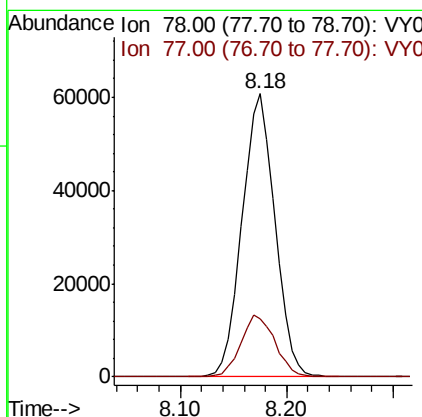
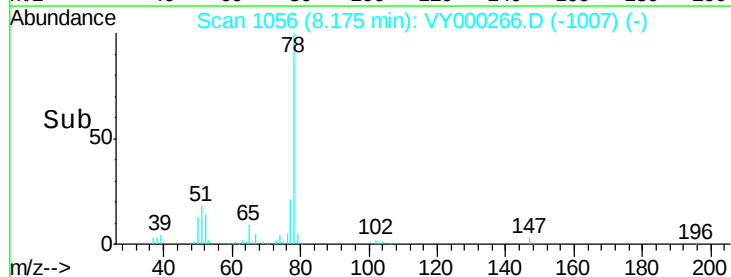
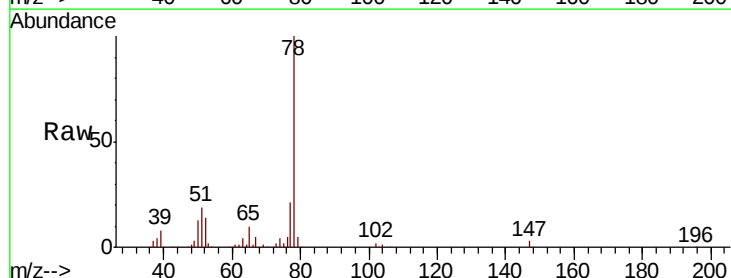
Manual Integrations
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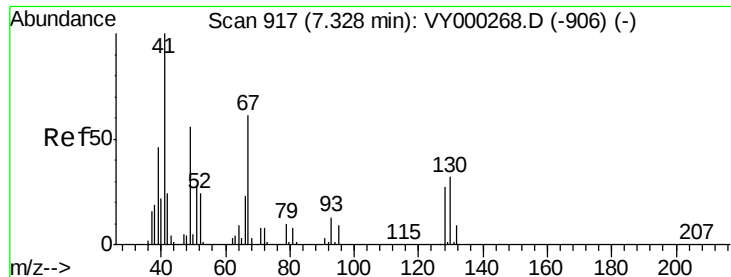
MMDadoda
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#40
Benzene
Concen: 11.030 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.7	18.8	28.2





#41

Methacrylonitrile

Concen: 12.832 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 13820

Ion Ratio Lower Upper

41 100

39 0.0 110.2 165.2#

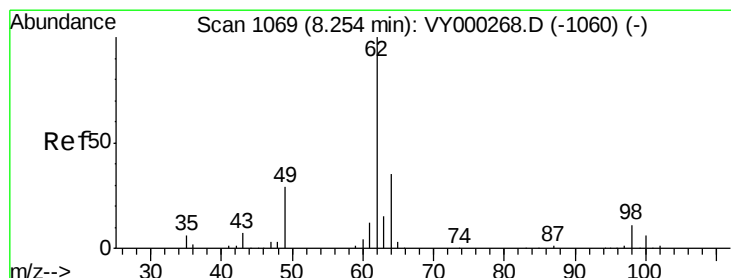
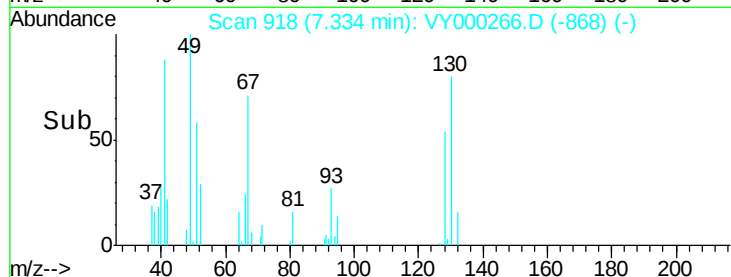
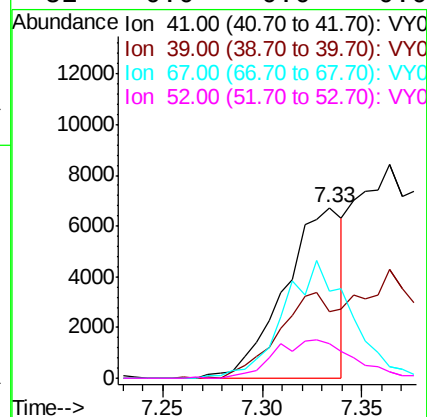
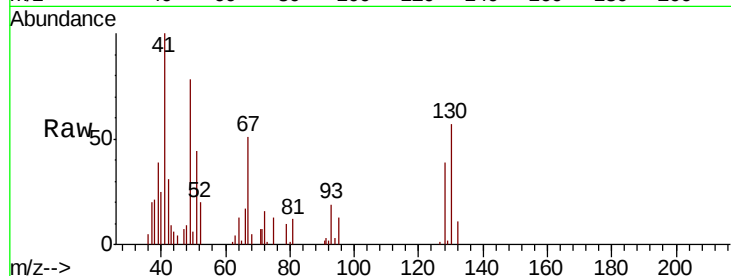
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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10/15/2019 12:33:37 PM



#42

1,2-Dichloroethane

Concen: 11.101 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VY000266.D

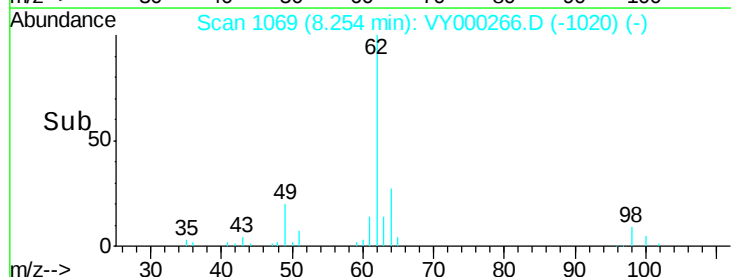
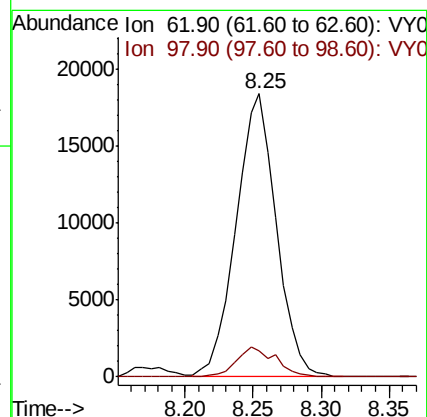
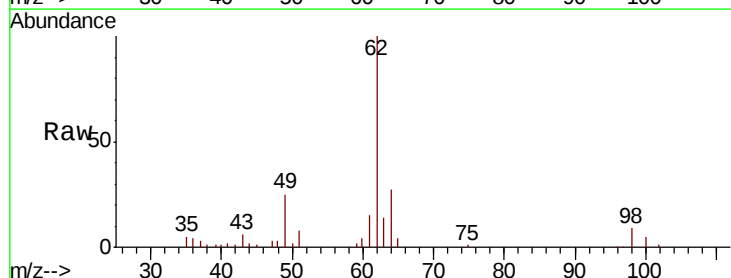
Acq: 11 Oct 2019 13:08

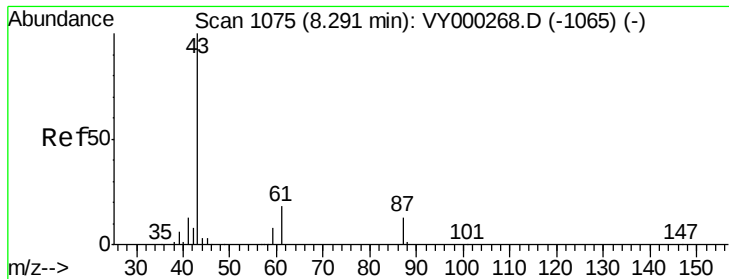
Tgt Ion: 62 Resp: 37950

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.6





#43

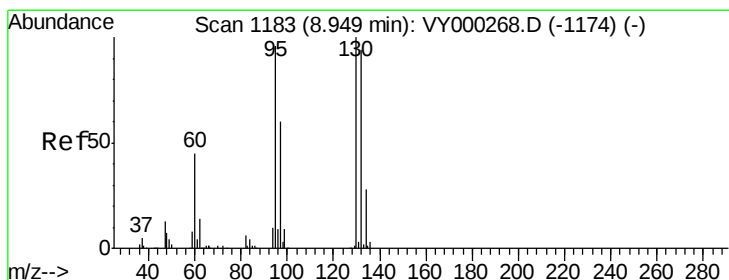
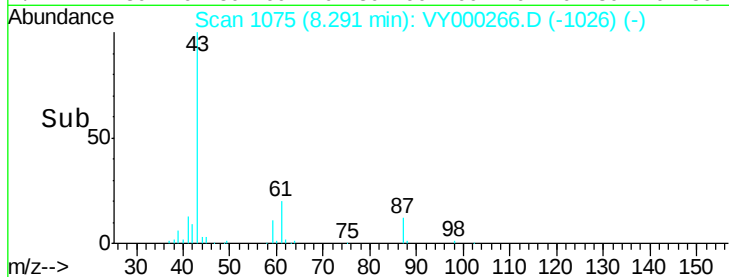
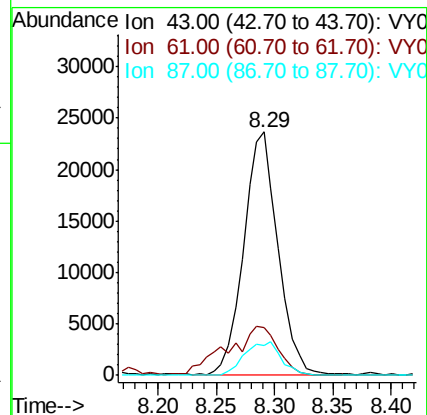
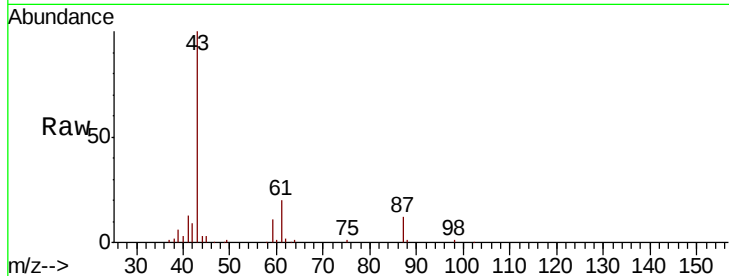
Isopropyl Acetate
 Concen: 10.283 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.3	22.3	33.5
87	14.9	10.9	16.3

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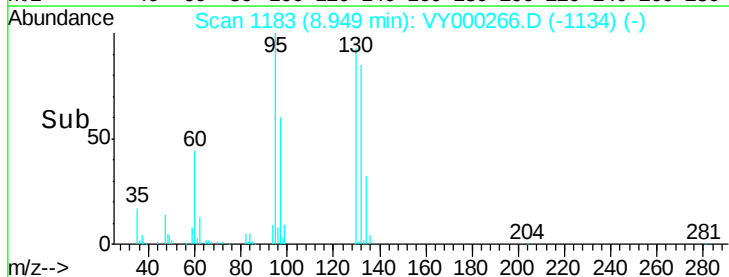
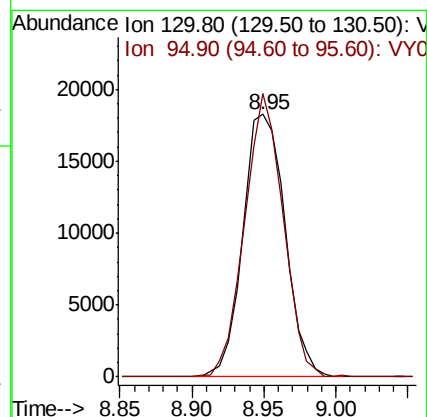
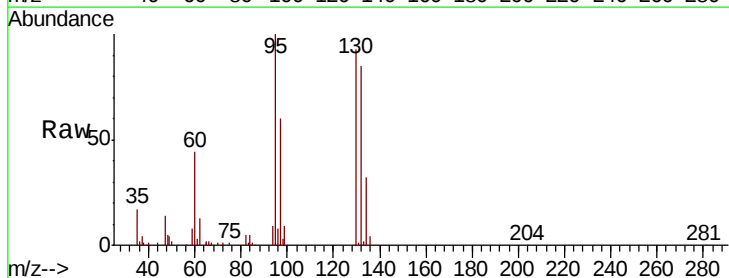
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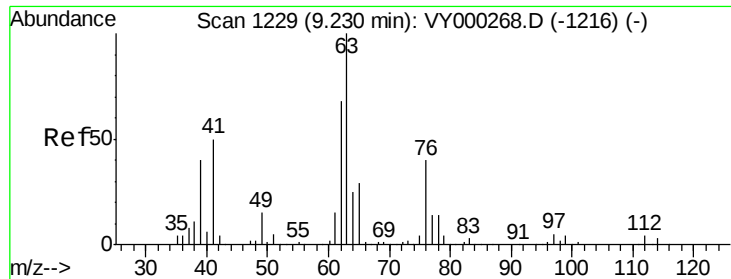


#44

Trichloroethene
 Concen: 11.027 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.7	0.0	191.4





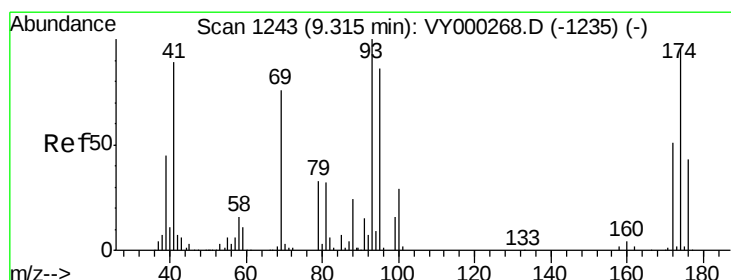
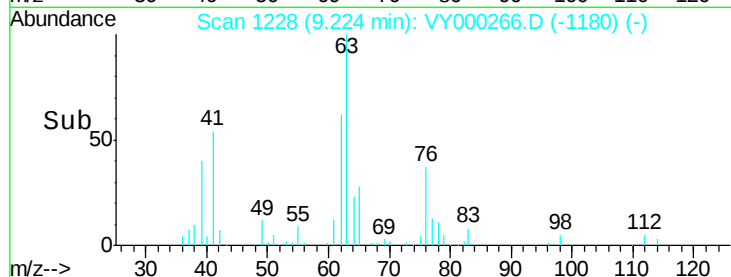
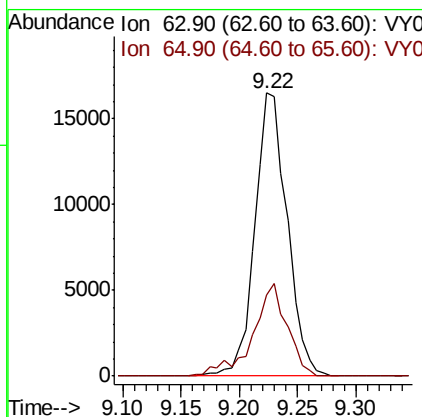
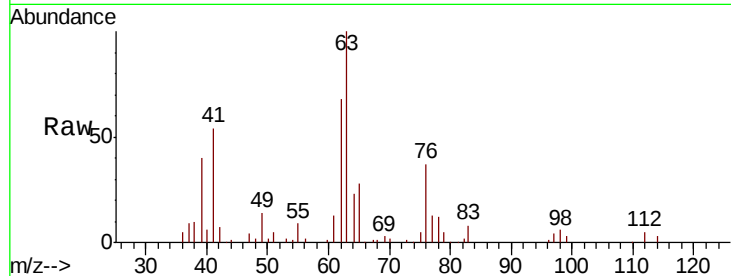
#45
 1,2-Dichloropropane
 Concen: 10.797 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 63 Resp: 31709
 Ion Ratio Lower Upper
 63 100
 65 28.5 23.2 34.8

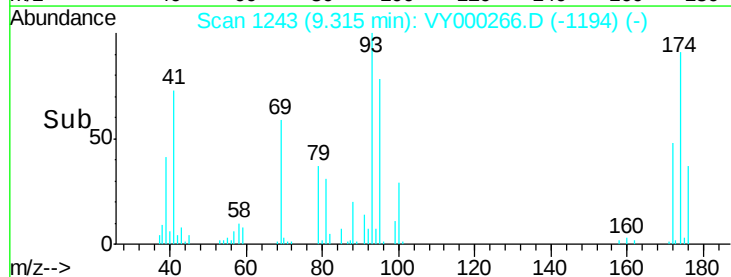
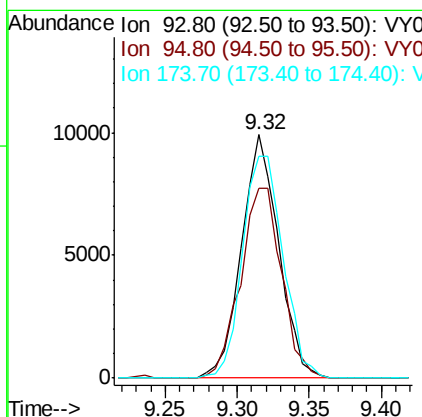
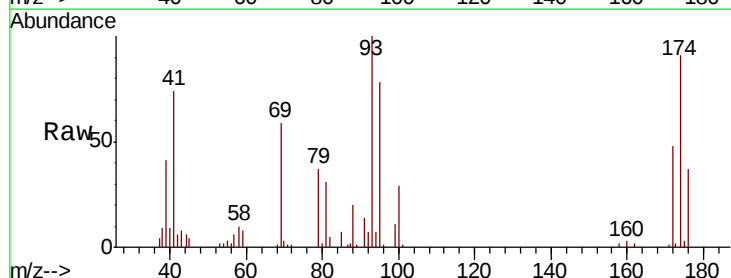
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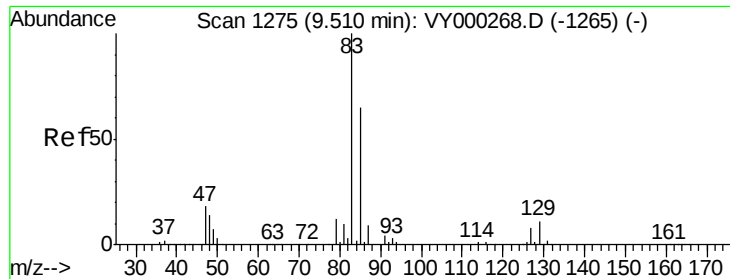
MMDadoda
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#46
 Dibromomethane
 Concen: 10.805 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion: 93 Resp: 17739
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.2 102.2
 174 99.5 79.8 119.6





#47

Bromodichloromethane

Concen: 10.900 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

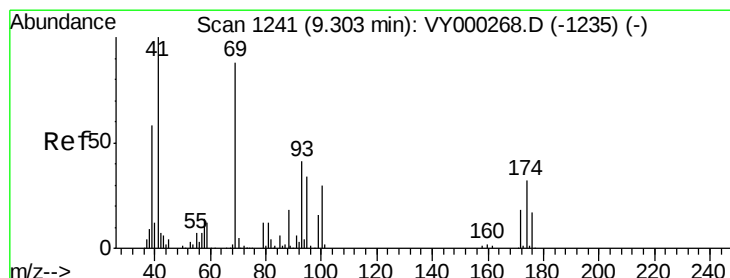
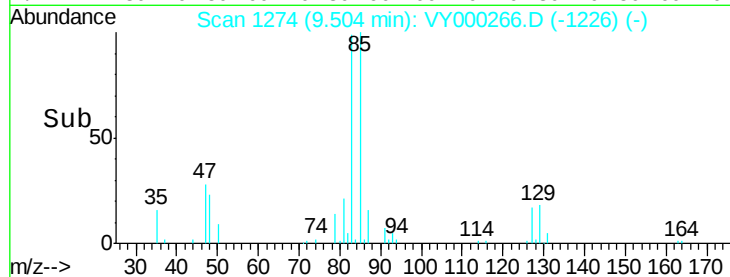
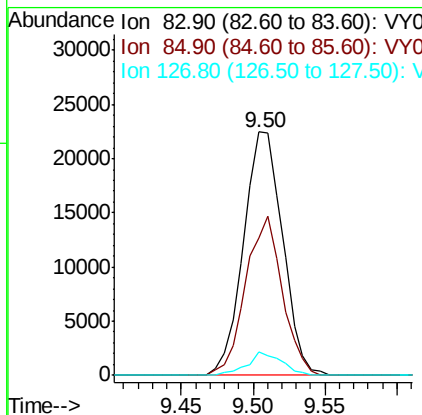
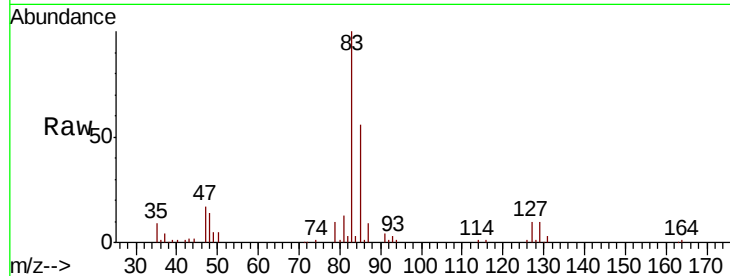
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	42172
Ion	Ratio	Lower	Upper
83	100		
85	56.2	52.2	78.2
127	9.7	6.3	9.5#

Manual Integrations
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#48

Methyl methacrylate

Concen: 9.928 ug/l

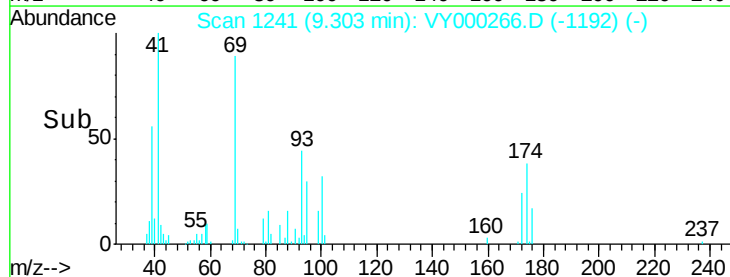
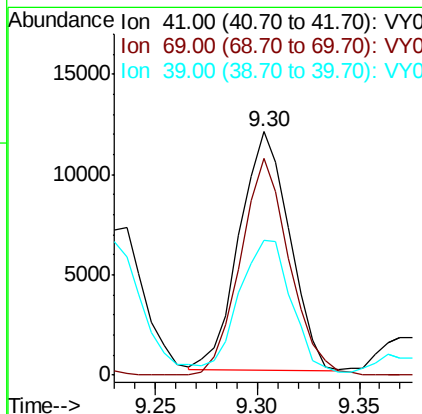
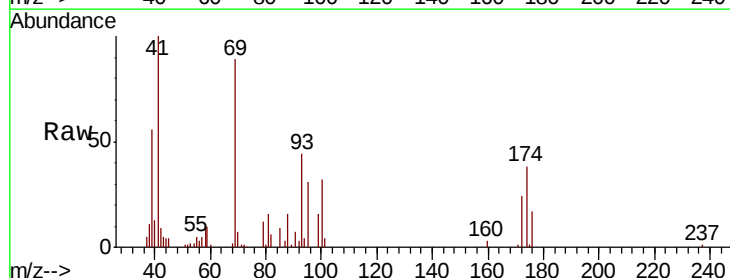
RT: 9.30 min Scan# 1241

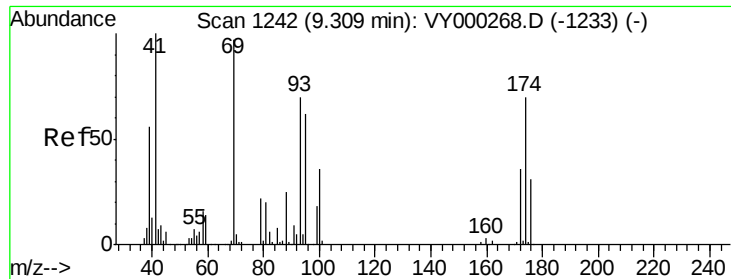
Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion:	41	Resp:	20286
Ion	Ratio	Lower	Upper
41	100		
69	88.9	70.0	105.0
39	59.7	47.7	71.5





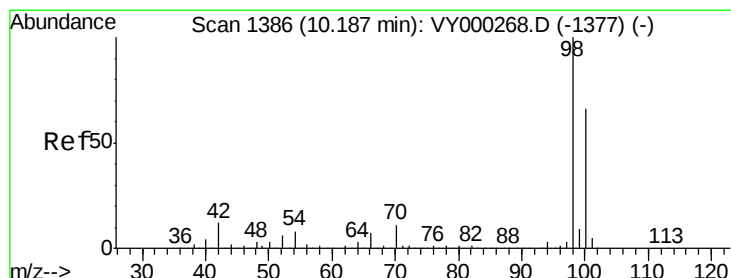
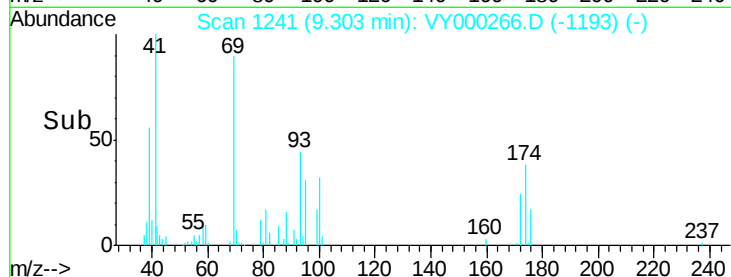
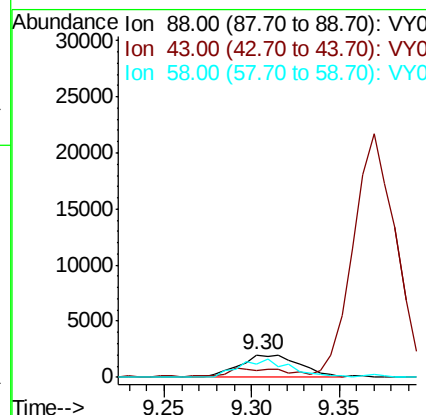
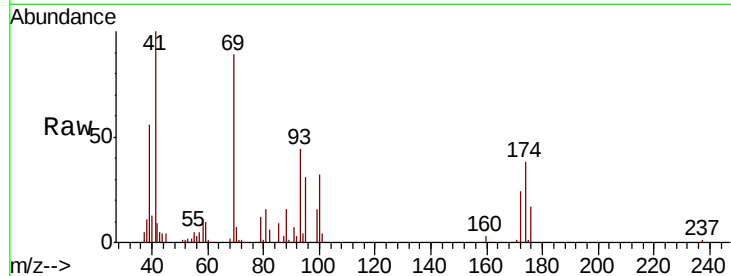
#49
 1,4-Dioxane
 Concen: 194.101 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	88	Resp	4778
Ion	Ratio	Lower	Upper
88	100		
43	35.2	25.6	38.4
58	70.7	54.6	81.8

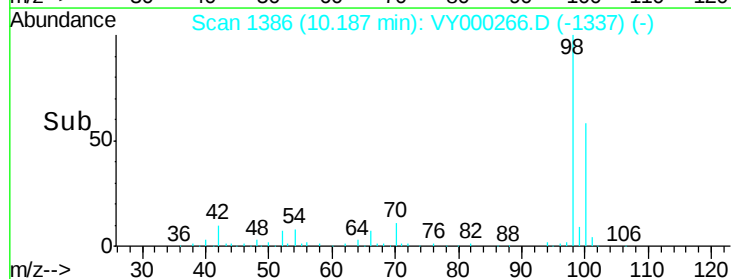
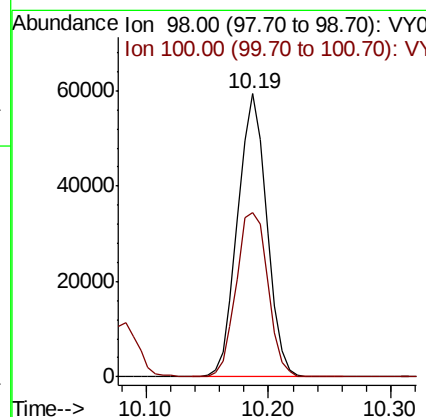
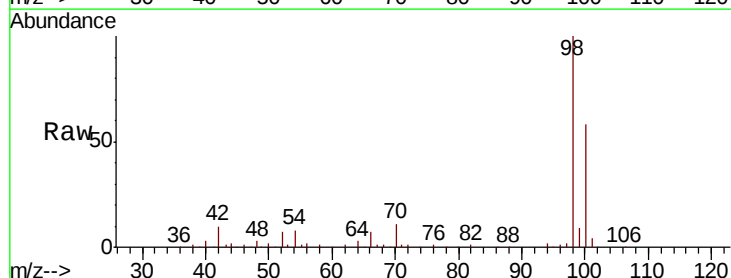
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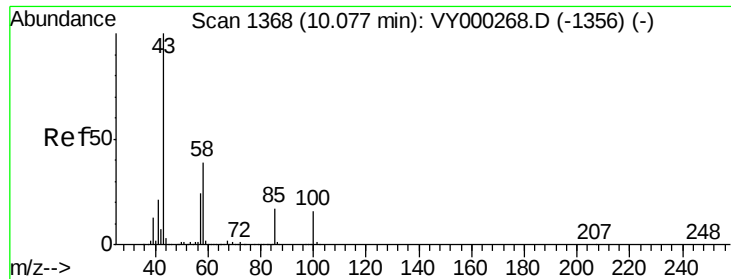
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#50
 Toluene-d8
 Concen: 9.947 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	98	Resp	97625
Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 50.438 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 121289

Ion Ratio Lower Upper

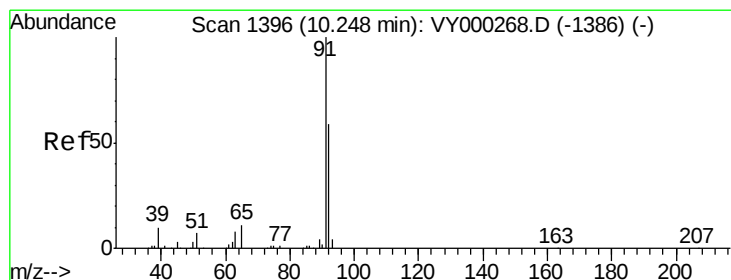
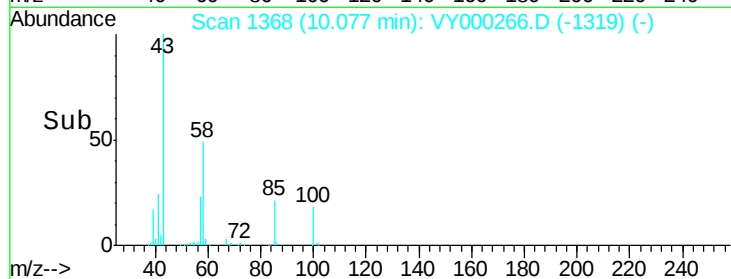
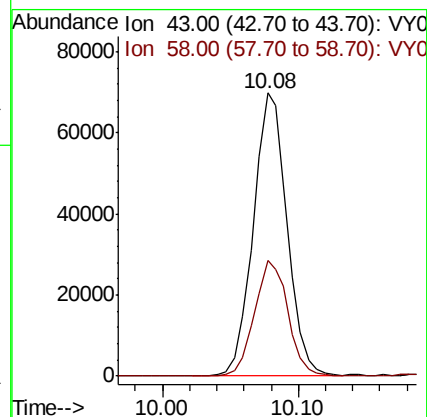
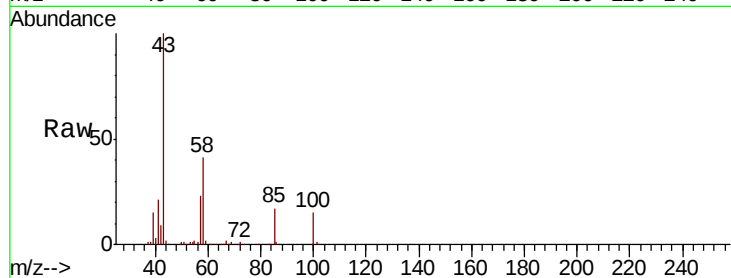
43 100

58 40.4 31.0 46.6

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#52

Toluene

Concen: 10.815 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000266.D

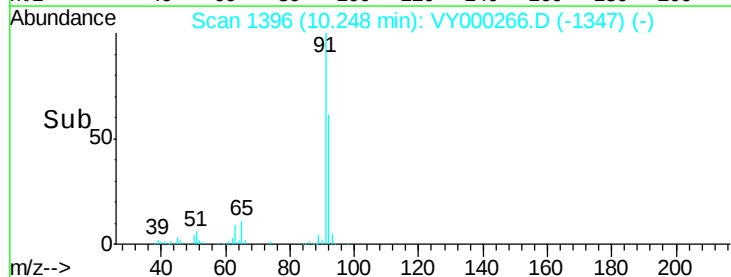
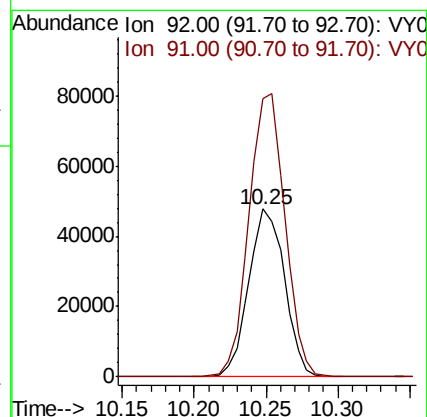
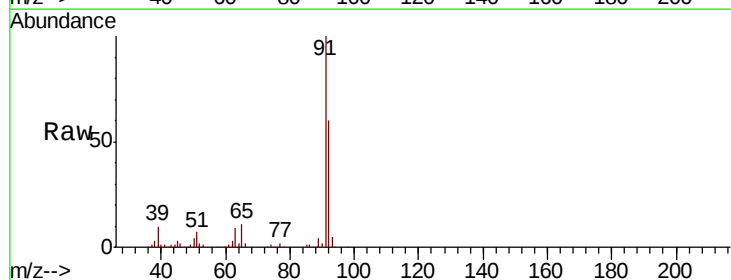
Acq: 11 Oct 2019 13:08

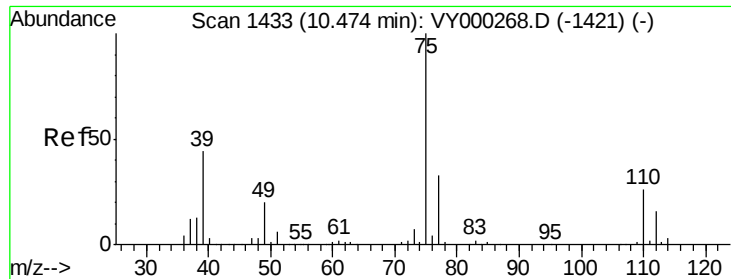
Tgt Ion: 92 Resp: 82173

Ion Ratio Lower Upper

92 100

91 169.6 136.6 205.0





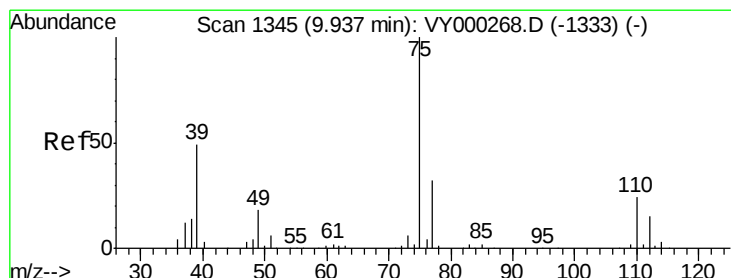
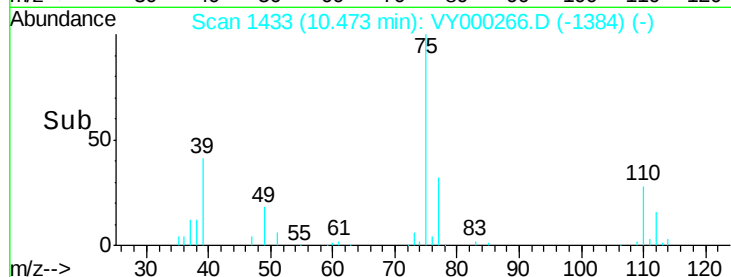
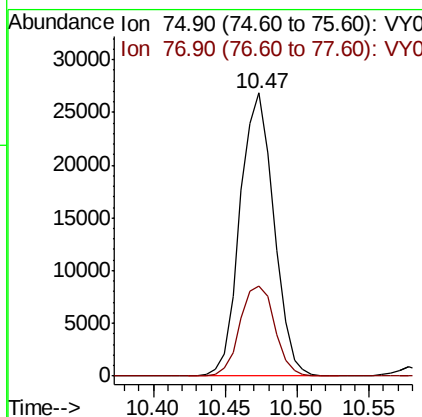
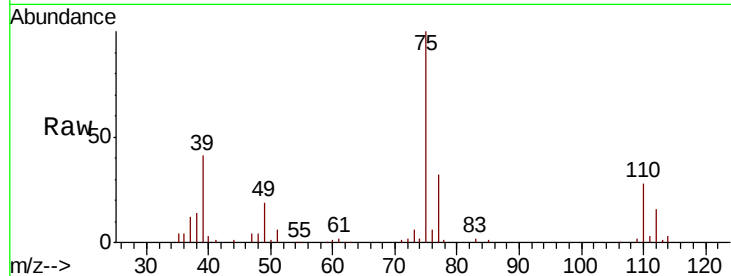
#53
t-1,3-Dichloropropene
Concen: 10.553 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 43759
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0

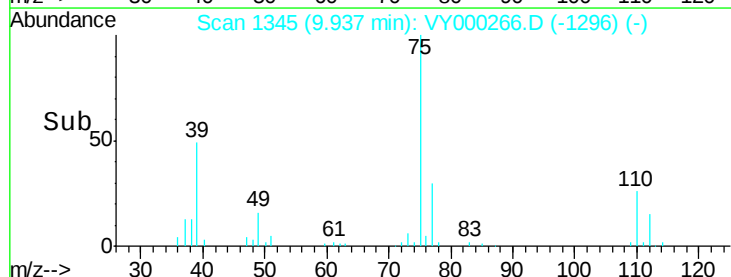
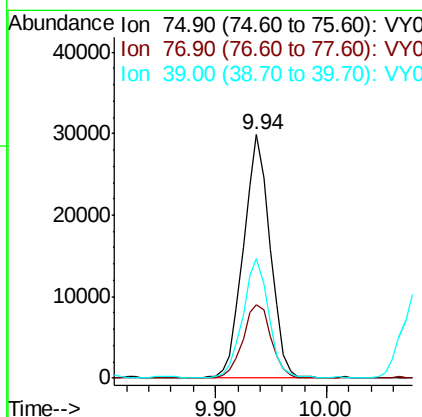
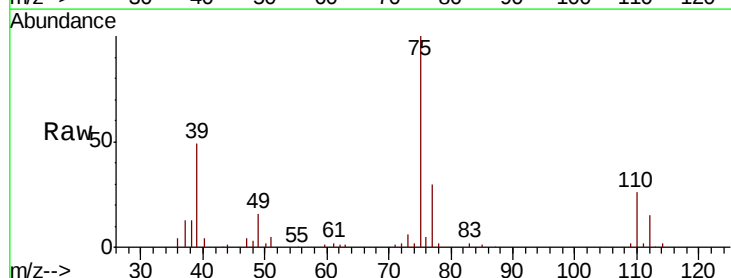
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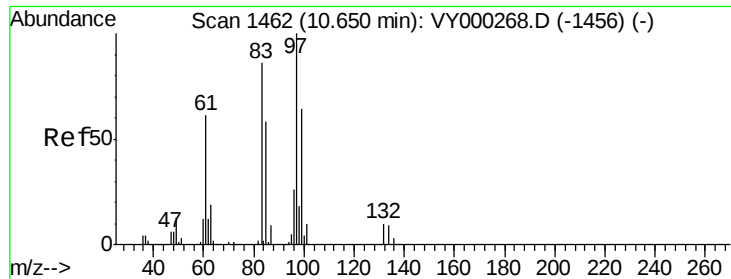
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#54
cis-1,3-Dichloropropene
Concen: 10.578 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 75 Resp: 49814
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0
39 48.9 38.8 58.2





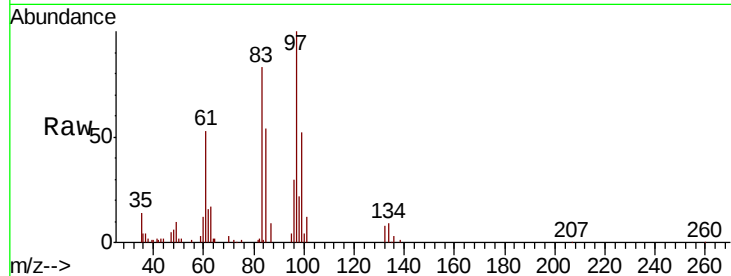
#55
 1,1,2-Trichloroethane
 Concen: 11.203 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

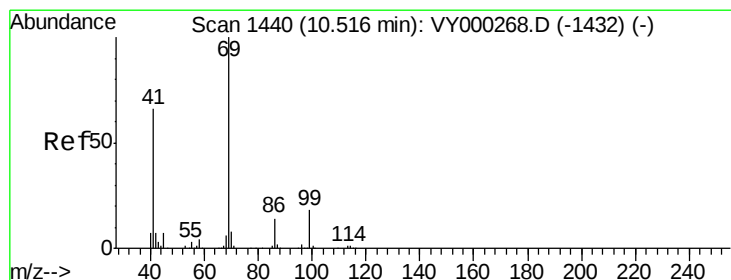
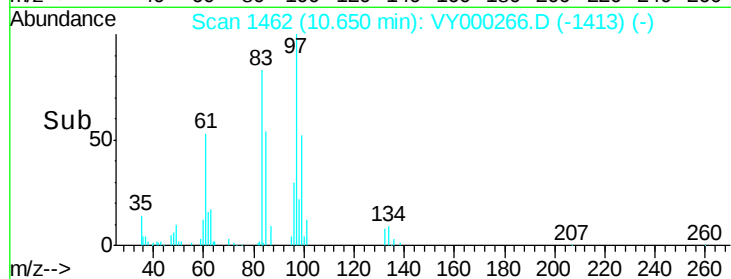
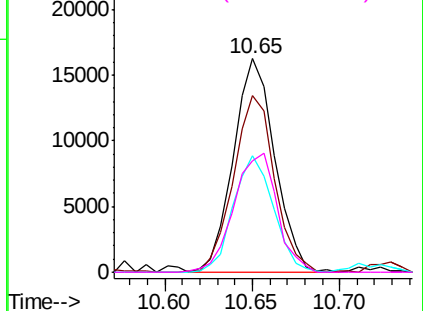
Tot Ion:	97	Resp:	26743
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.0	103.6
85	54.5	46.2	69.4
99	52.4	51.1	76.7

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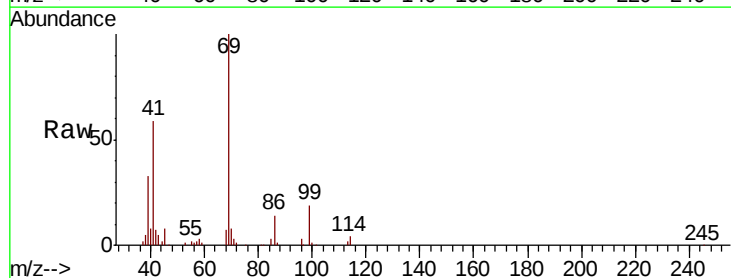


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

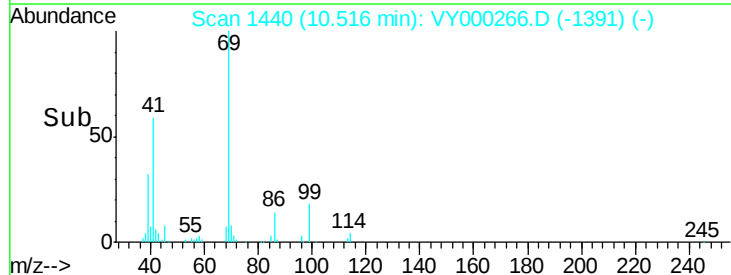
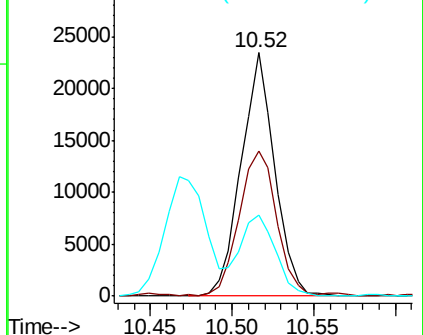


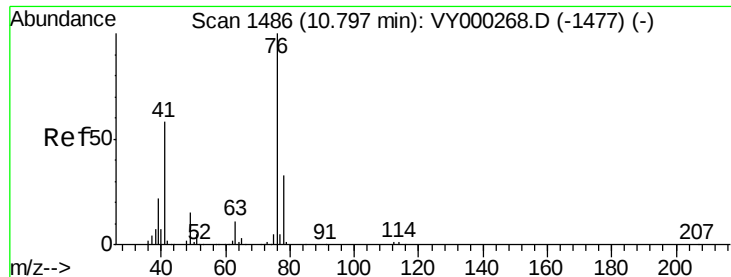
#56
 Ethyl methacrylate
 Concen: 9.908 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion:	69	Resp:	33711
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.5	78.7
39	34.3	26.7	40.1



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





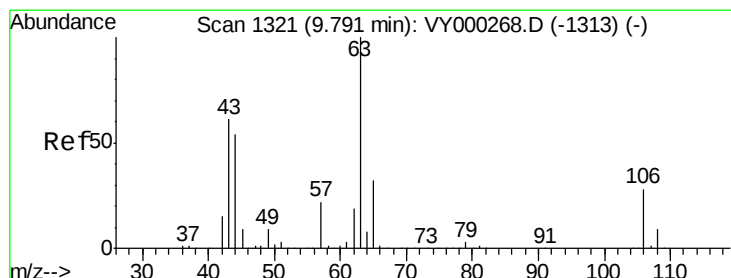
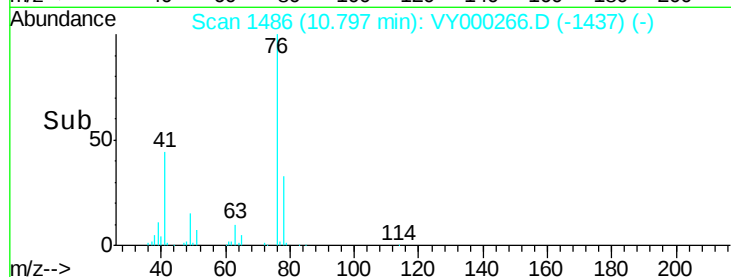
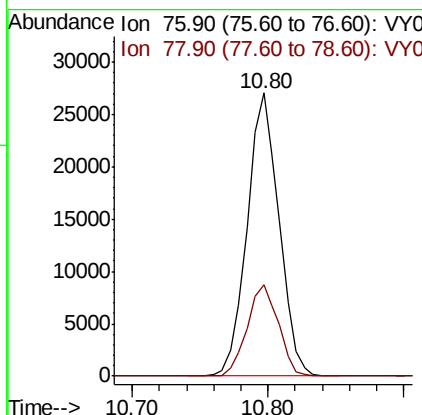
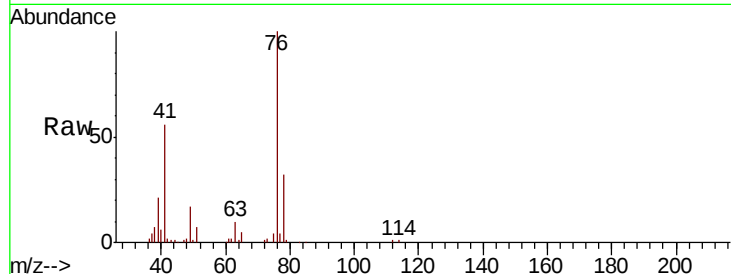
#57
 1,3-Dichloropropane
 Concen: 10.824 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.2	39.2

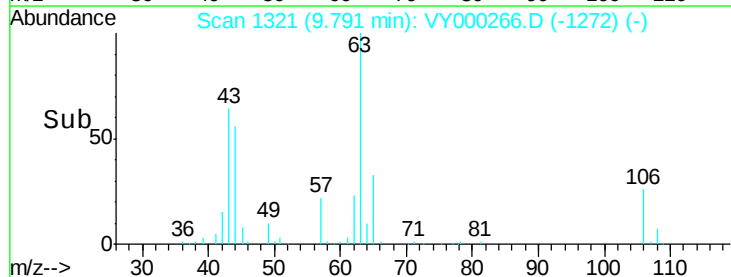
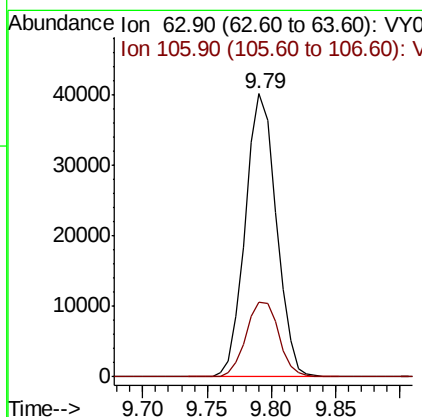
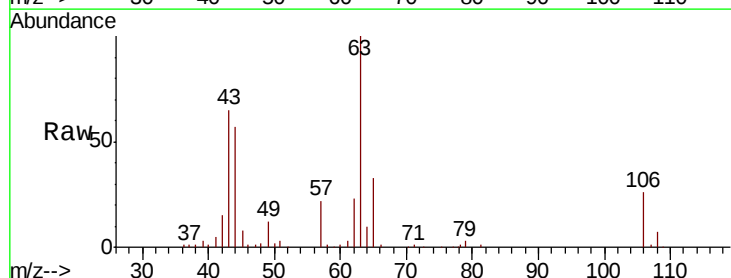
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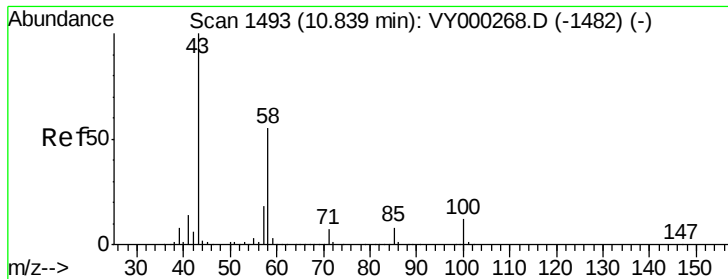
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 49.182 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.0	34.4





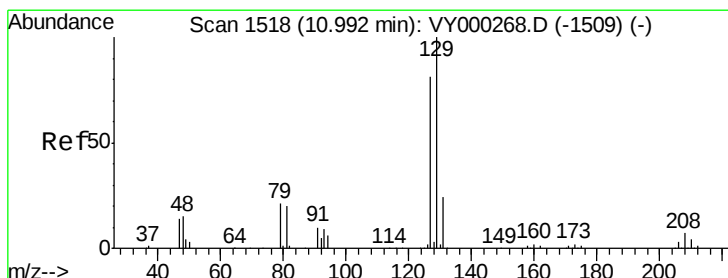
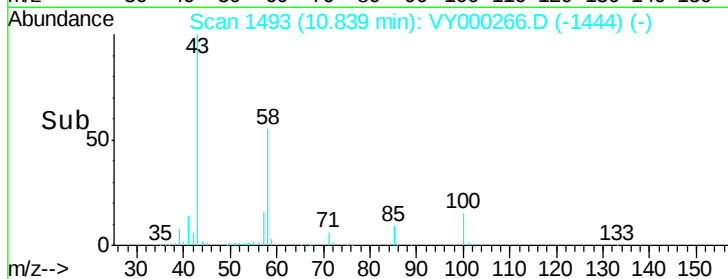
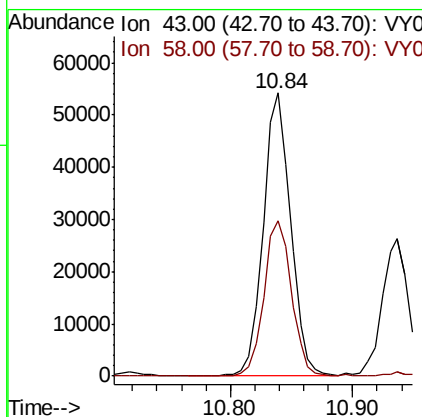
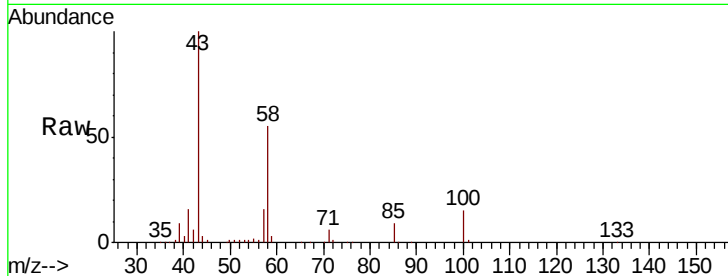
#59
2-Hexanone
Concen: 50.097 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 84560
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

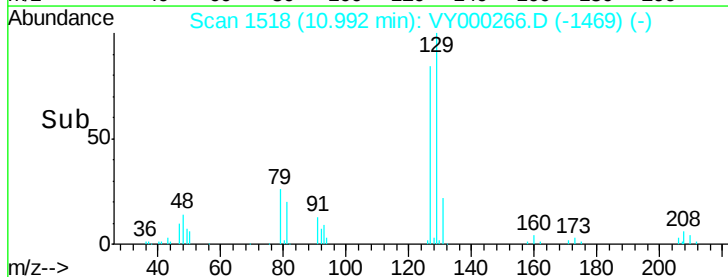
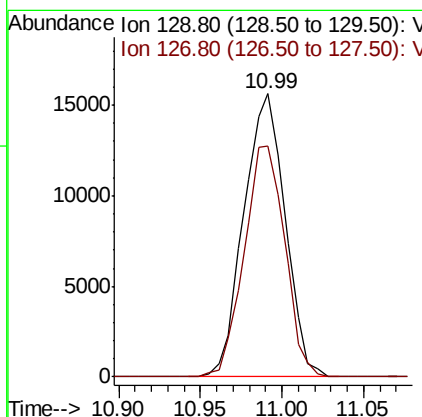
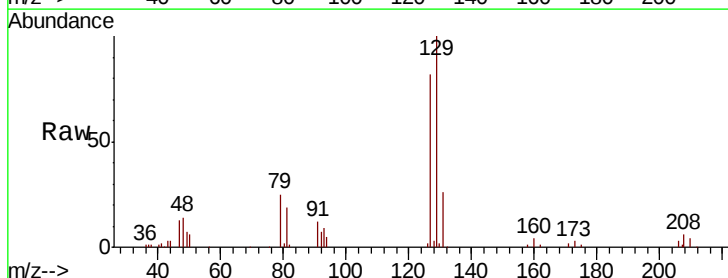
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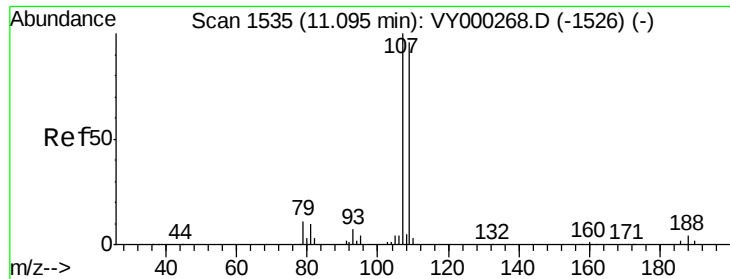
MMDadoda
10/15/2019 12:33:37 PM



#60
Dibromochloromethane
Concen: 10.399 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 129 Resp: 27513
Ion Ratio Lower Upper
129 100
127 80.4 39.9 119.7





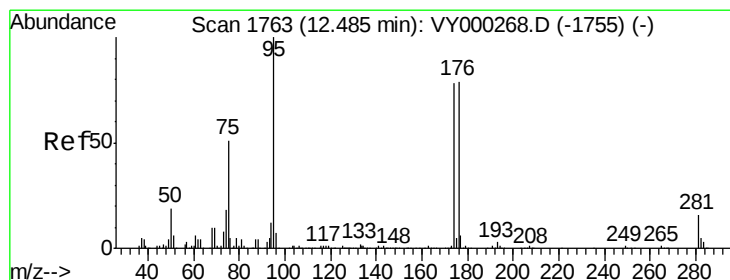
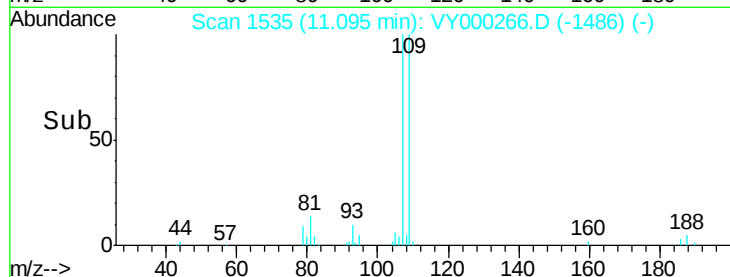
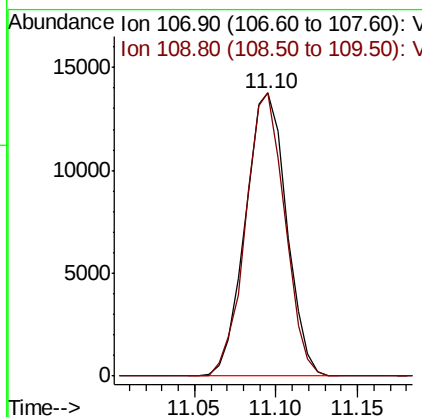
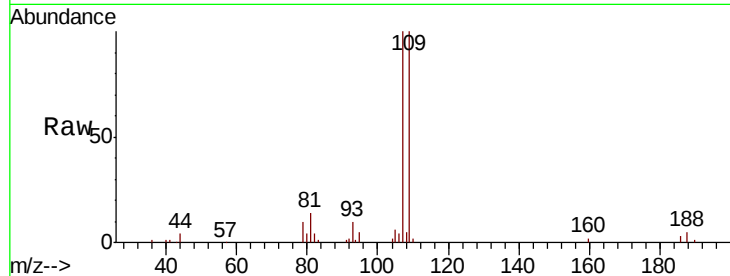
#61
 1,2-Dibromoethane
 Concen: 10.544 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.1	112.7

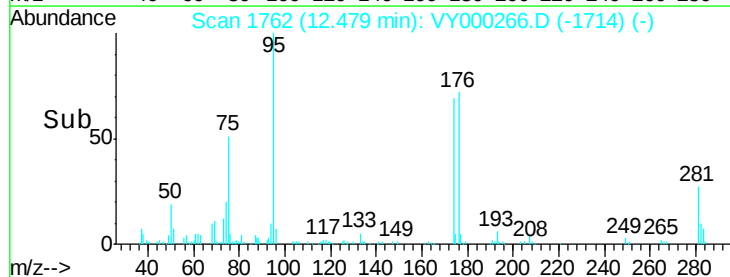
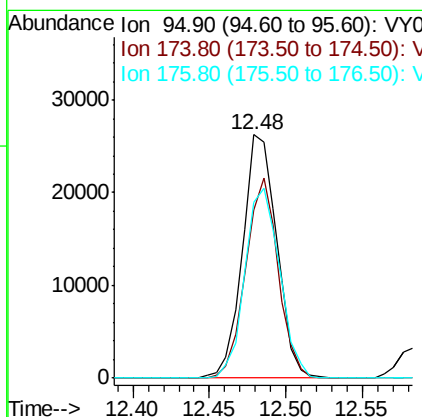
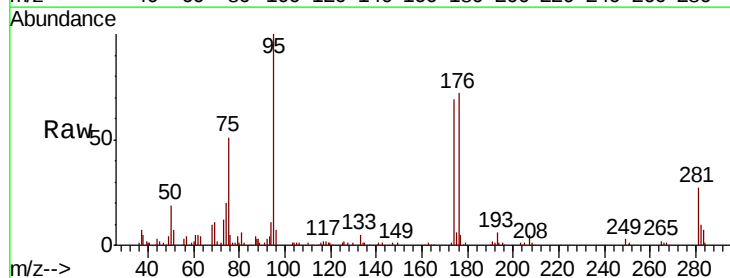
Manual Integrations
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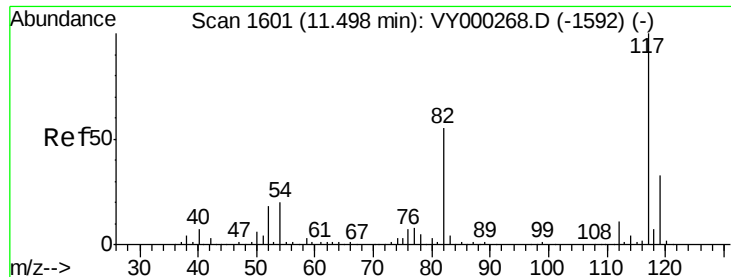
MMDadoda
 10/15/2019 12:33:37 PM



#62
 4-Bromofluorobenzene
 Concen: 10.947 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	159.6
176	79.1	0.0	153.8





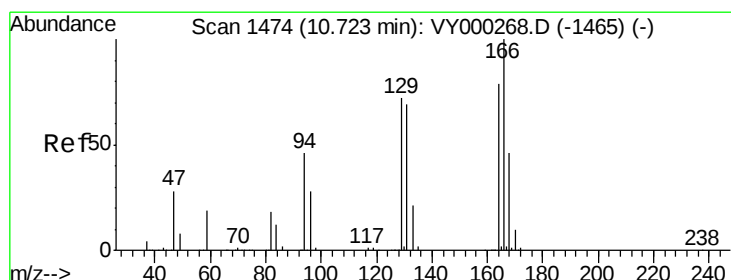
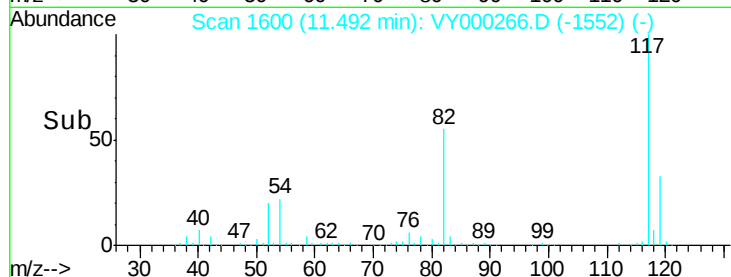
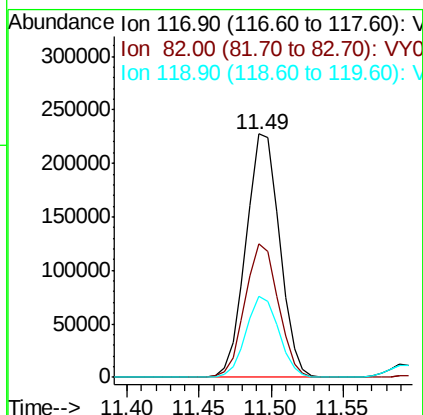
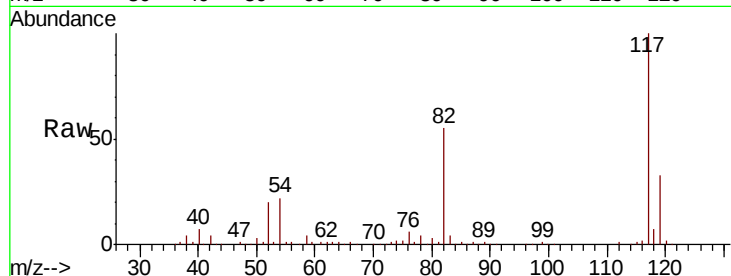
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.7	65.5
119	33.1	26.6	39.8

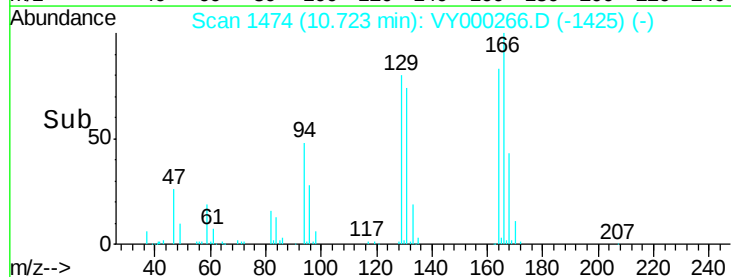
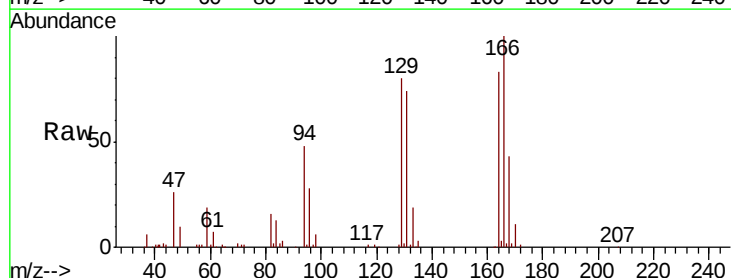
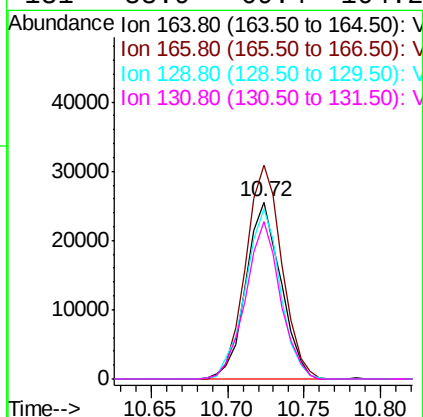
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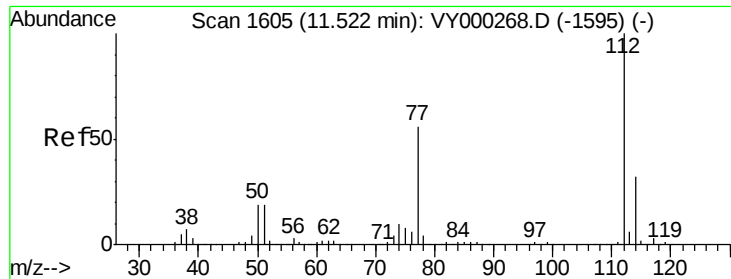
MMDadoda
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#64
Tetrachloroethene
Concen: 11.576 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	100.6	151.0
129	96.5	72.8	109.2
131	88.9	69.4	104.2





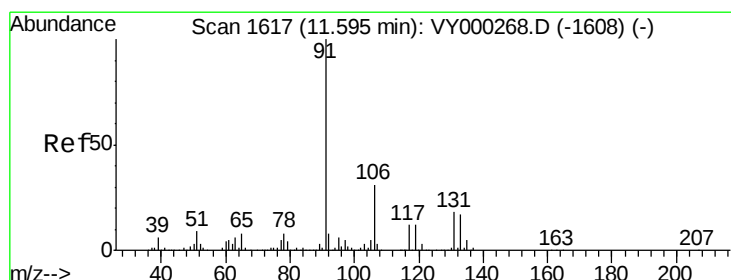
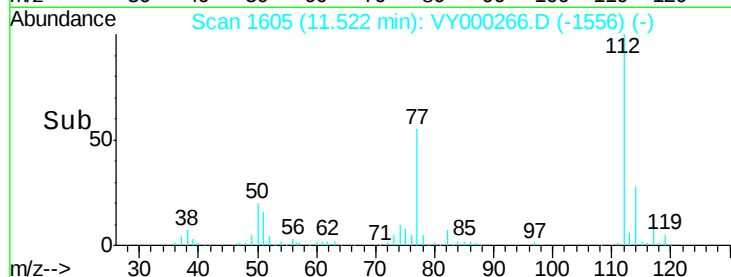
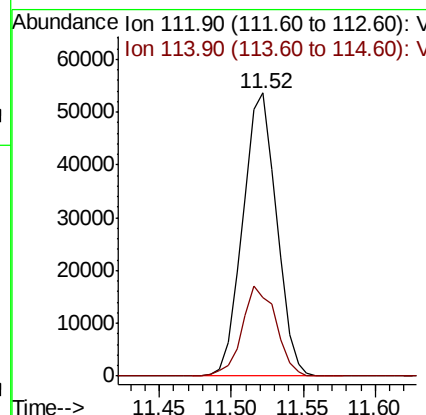
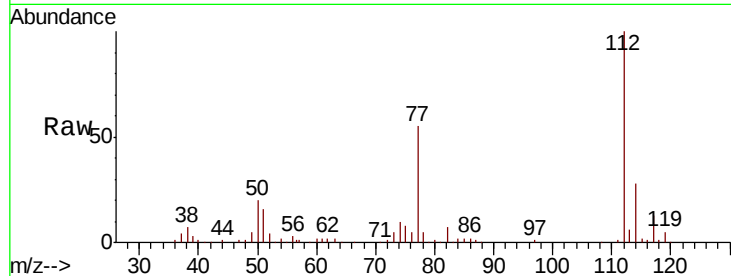
#65
Chlorobenzene
Concen: 11.203 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 87126
Ion Ratio Lower Upper
112 100
114 27.7 25.7 38.5

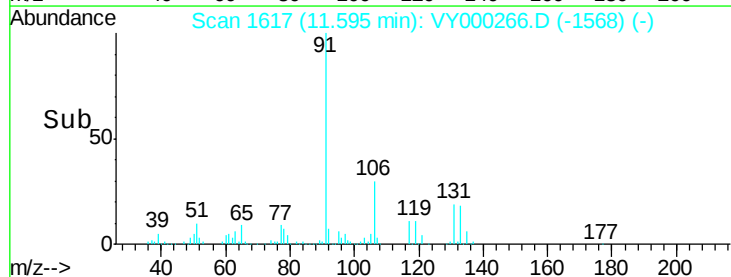
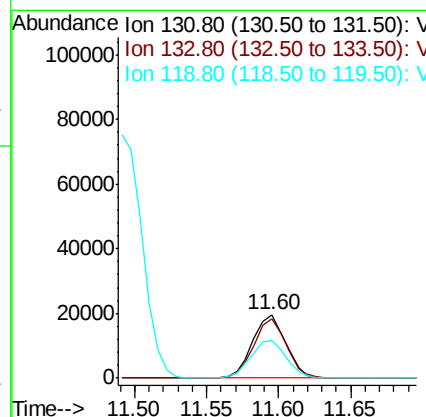
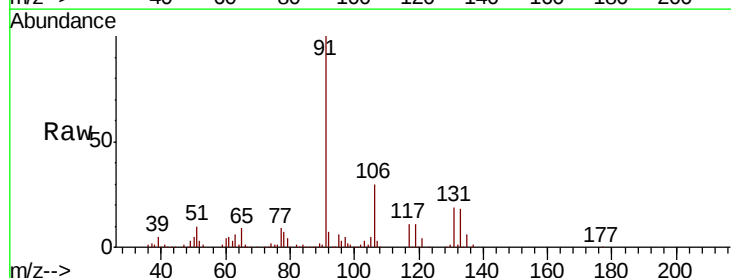
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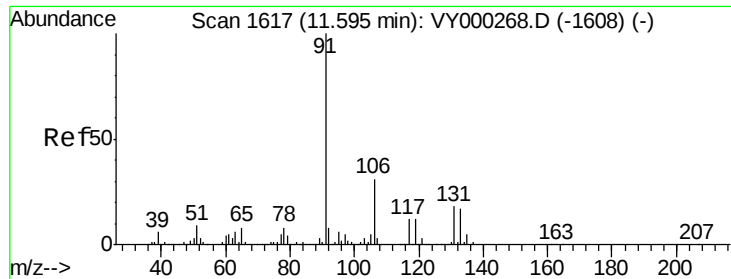
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 11.345 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion:131 Resp: 30993
Ion Ratio Lower Upper
131 100
133 93.0 47.2 141.6
119 63.8 32.6 98.0





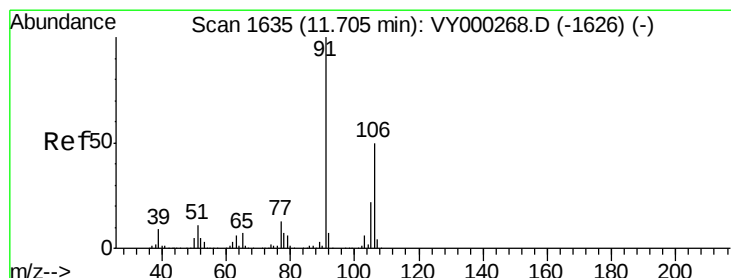
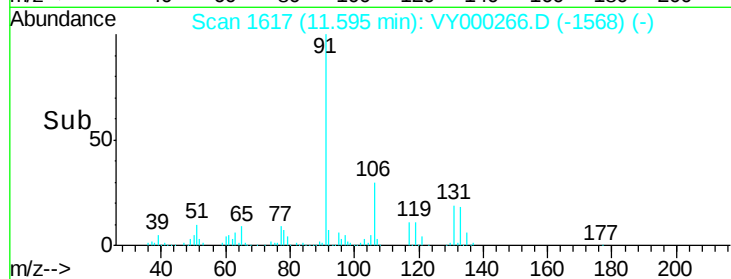
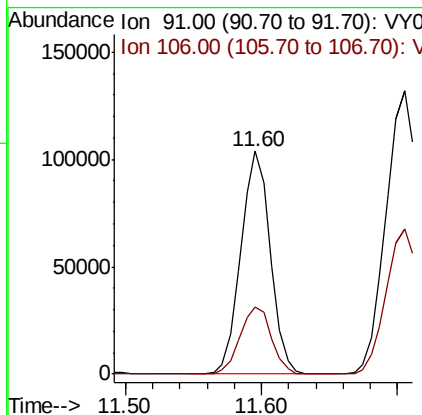
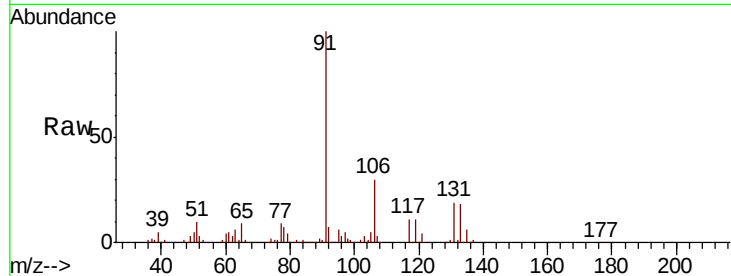
#67
Ethyl Benzene
Concen: 10.923 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 157472
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6

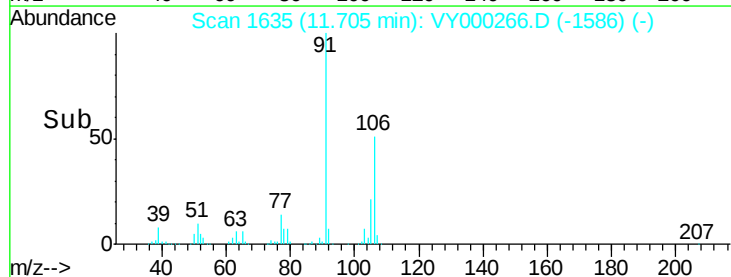
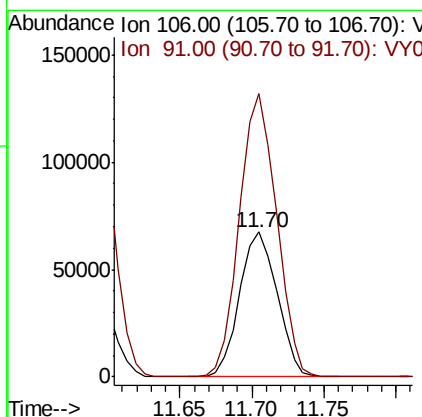
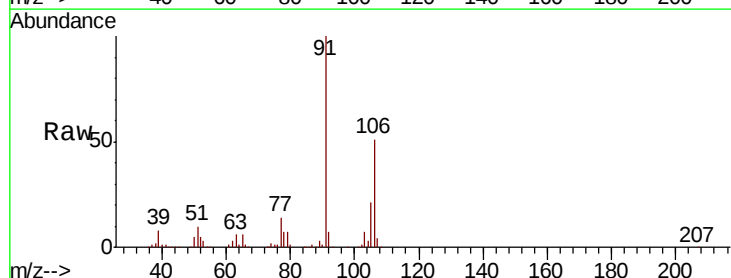
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#68
m/p-Xylenes
Concen: 22.225 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion: 106 Resp: 122492
Ion Ratio Lower Upper
106 100
91 193.5 157.5 236.3





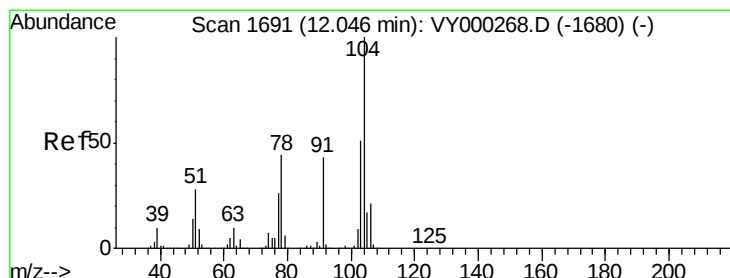
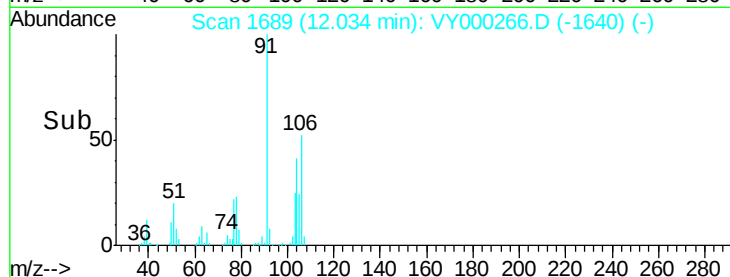
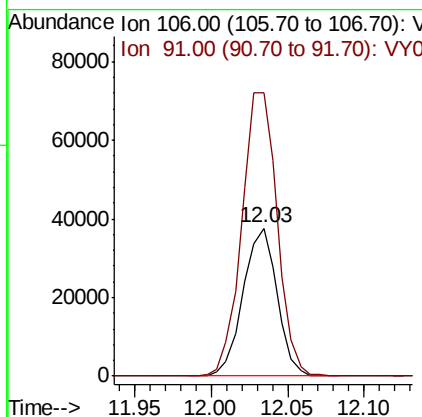
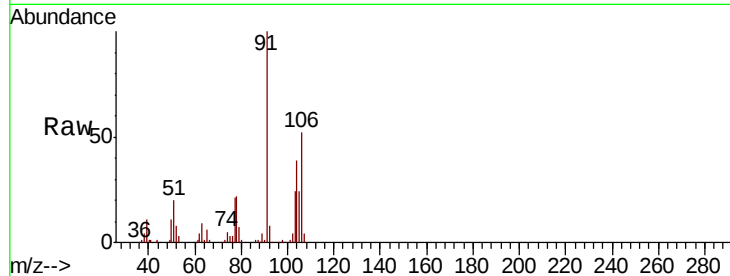
#69
o-Xylene
Concen: 11.073 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.1	104.7	313.9

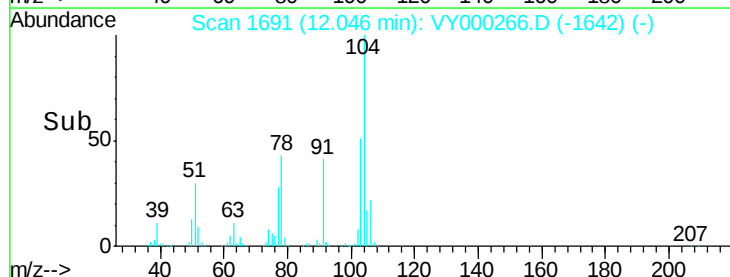
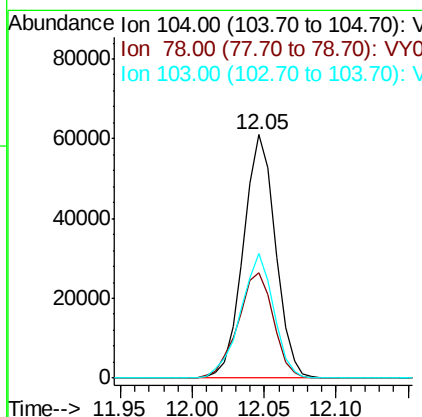
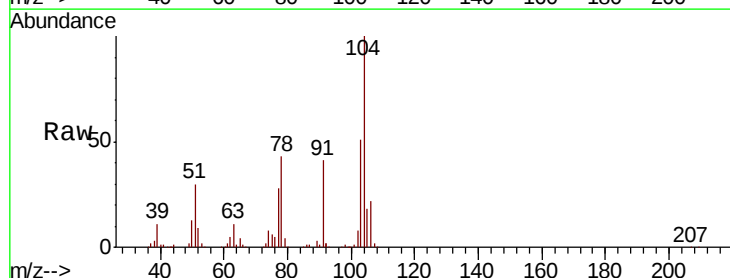
Manual Integrations
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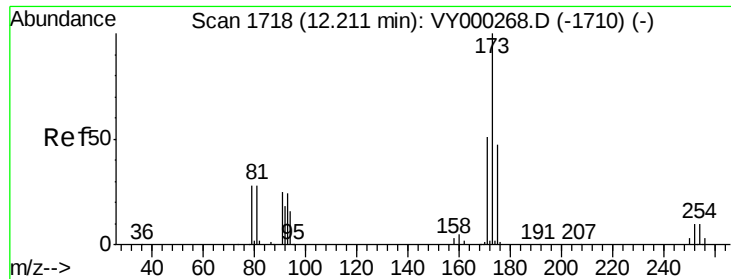
MMDadoda
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#70
Styrene
Concen: 10.654 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.0	58.6
103	52.7	43.1	64.7





#71

Bromoform

Concen: 10.302 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 16179

Ion Ratio Lower Upper

173 100

175 53.6 24.6 73.6

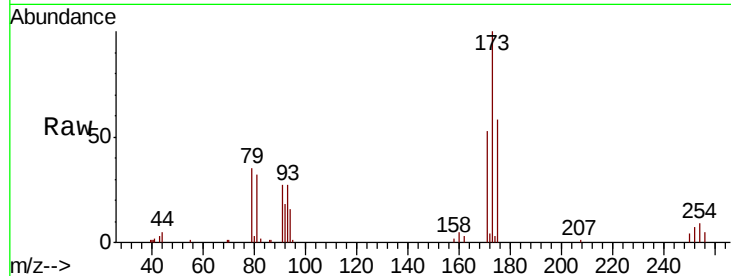
254 0.0 0.1 0.1#

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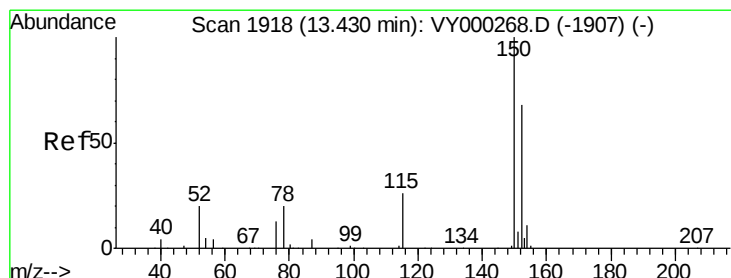
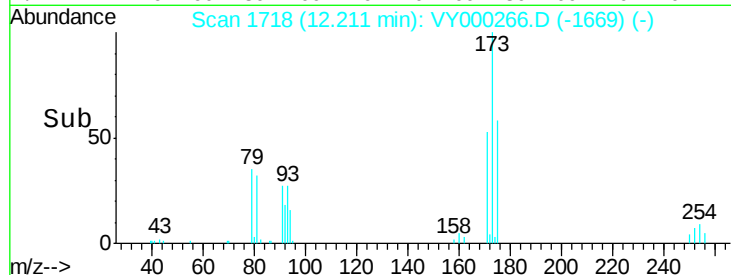
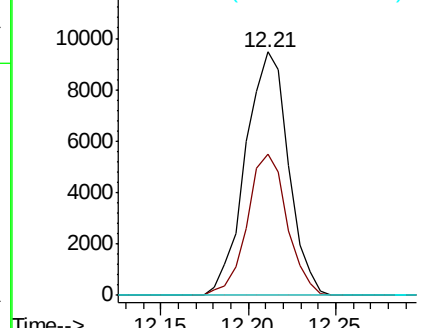
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

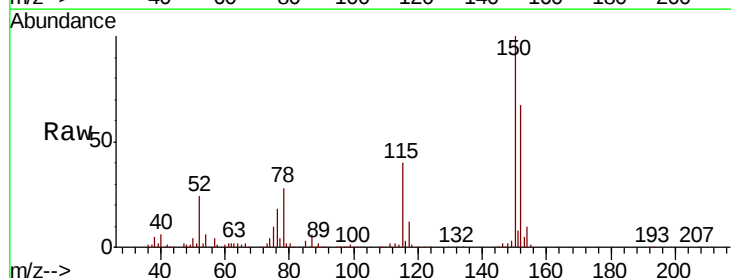
Tgt Ion:152 Resp: 180686

Ion Ratio Lower Upper

152 100

115 57.4 29.3 88.0

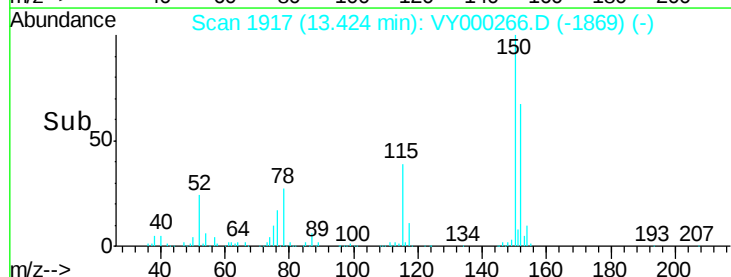
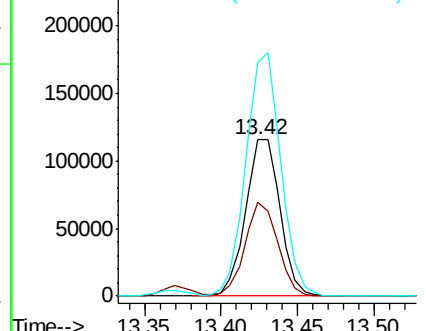
150 158.0 0.0 348.4

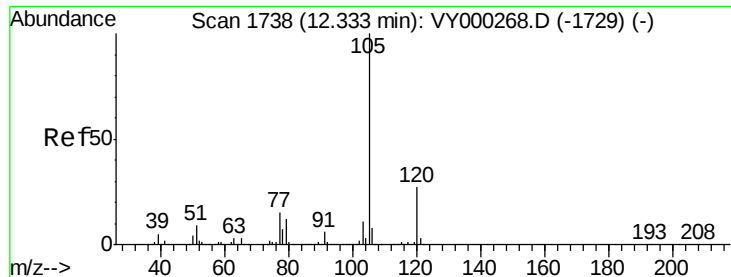


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.875 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 153213

Ion Ratio Lower Upper

105 100

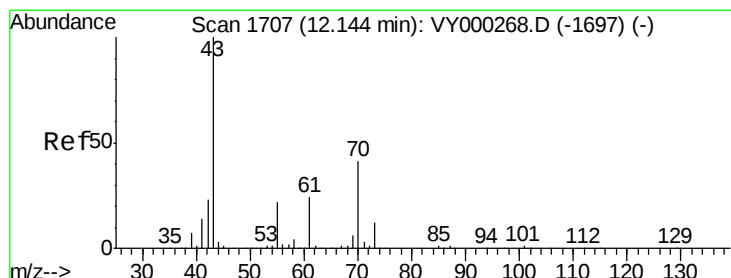
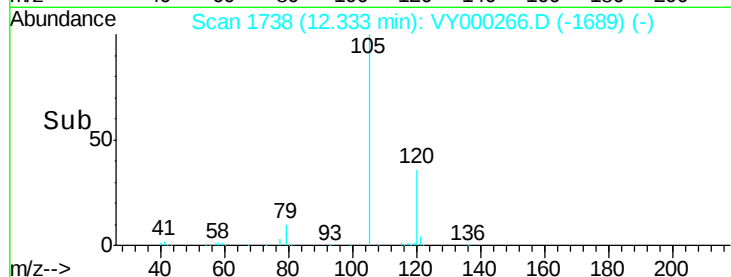
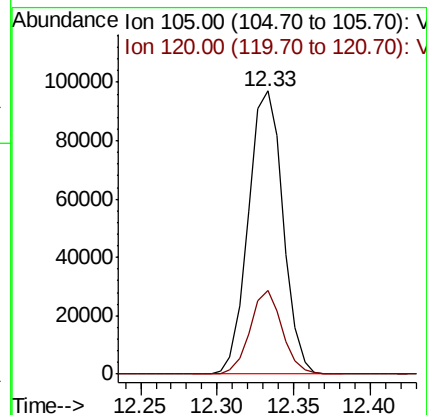
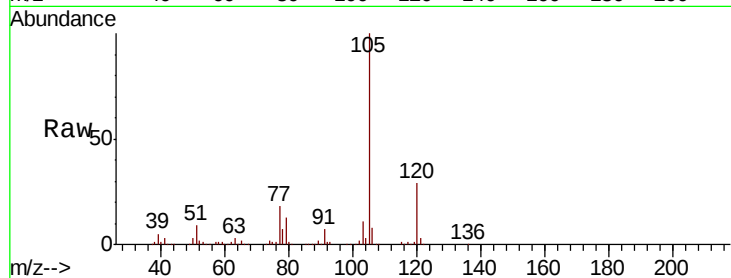
120 27.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 8.913 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion: 43 Resp: 30829

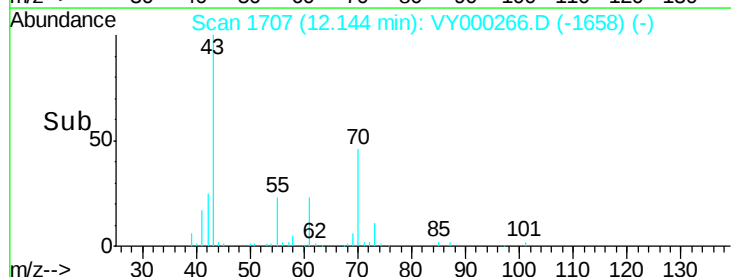
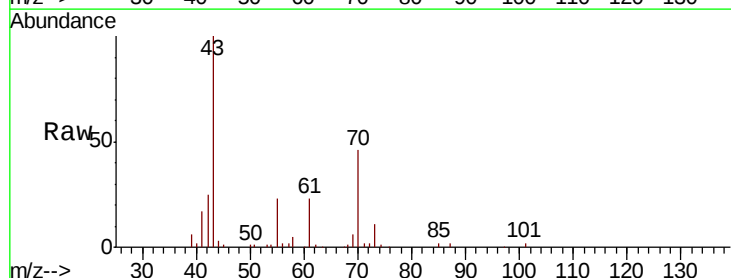
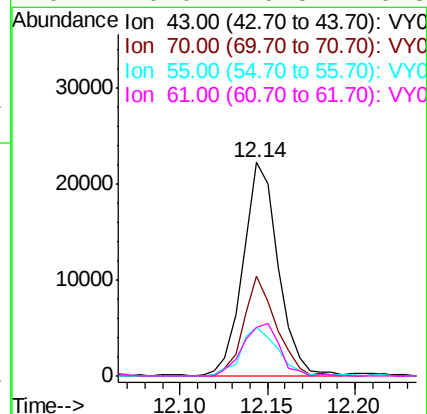
Ion Ratio Lower Upper

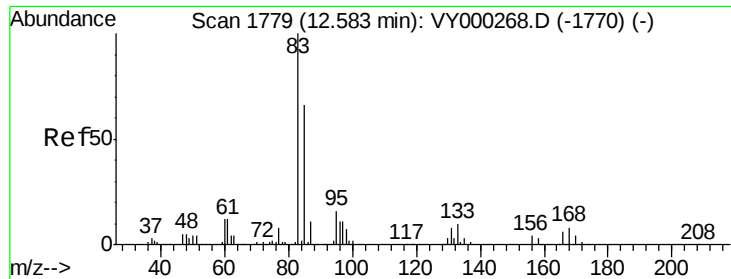
43 100

70 43.8 32.9 49.3

55 24.4 17.8 26.6

61 26.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.288 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

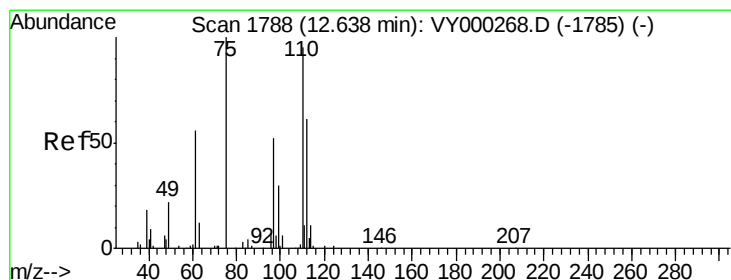
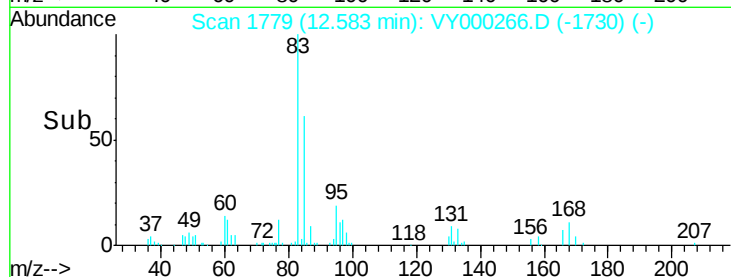
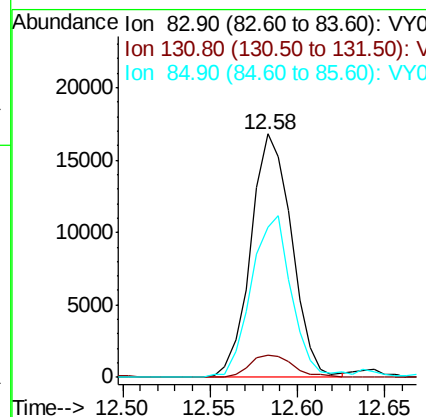
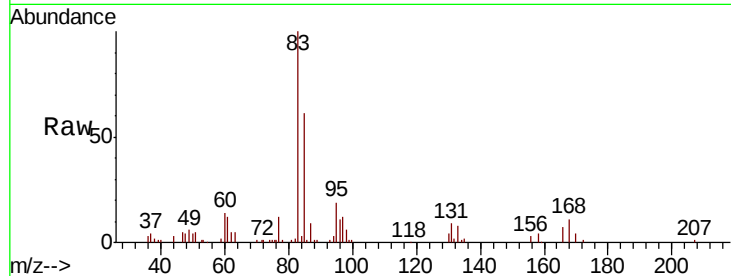
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	27215
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.3	16.1
85	65.7	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.752 ug/l m

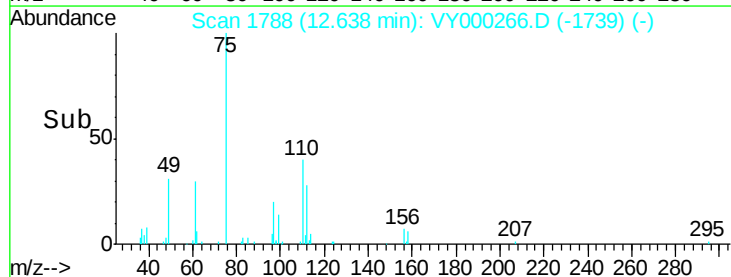
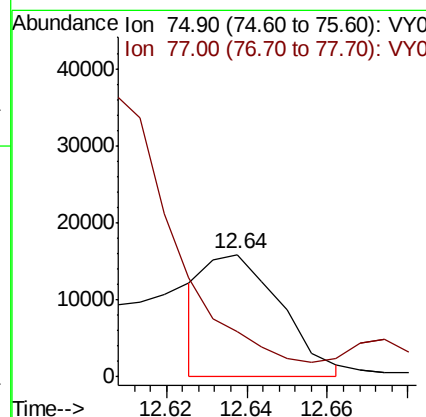
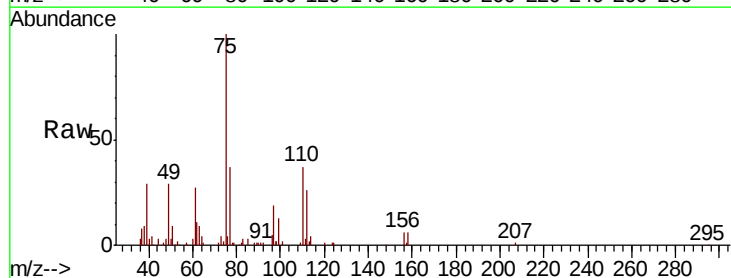
RT: 12.64 min Scan# 1788

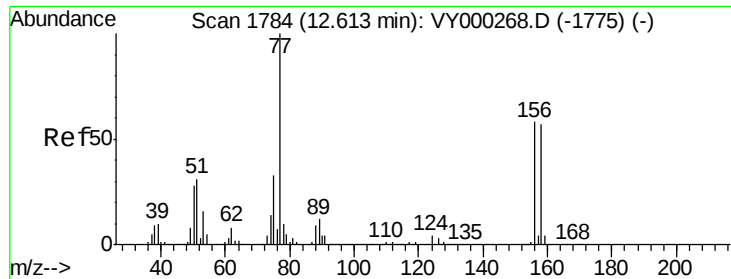
Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion:	75	Resp:	20775
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 11.045 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 34628

Ion Ratio Lower Upper

156 100

77 187.8 101.0 302.9

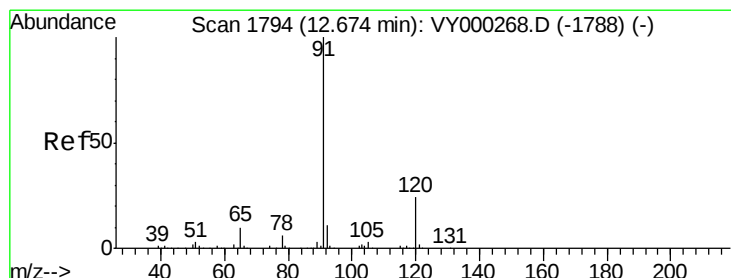
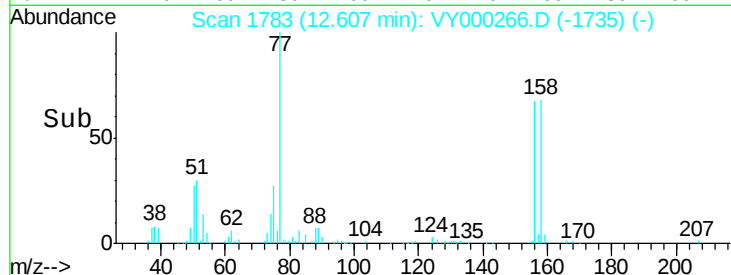
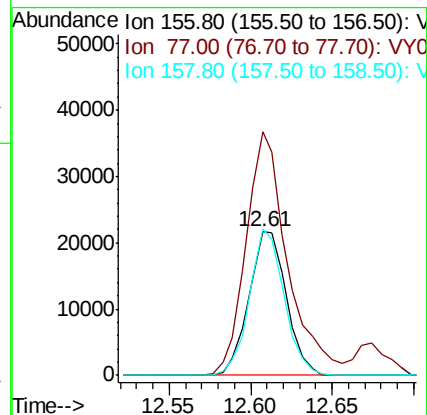
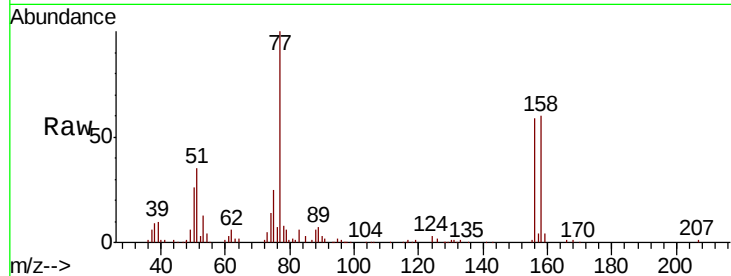
158 94.8 49.7 149.1

Manual Integrations

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#78

n-propylbenzene

Concen: 10.613 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000266.D

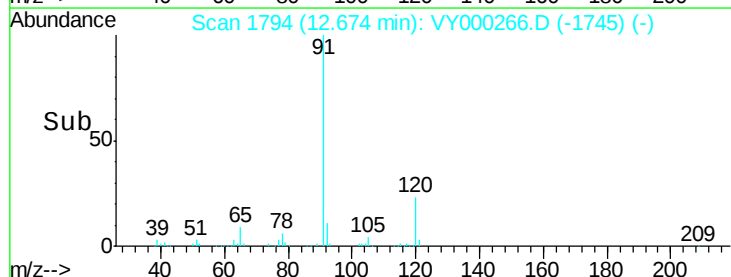
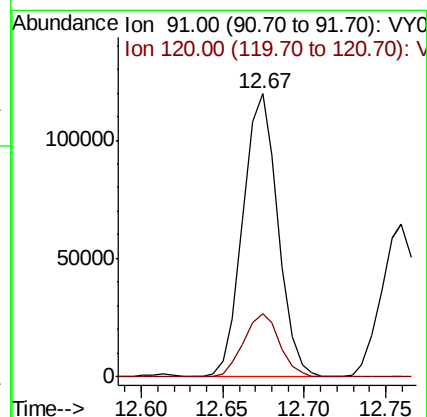
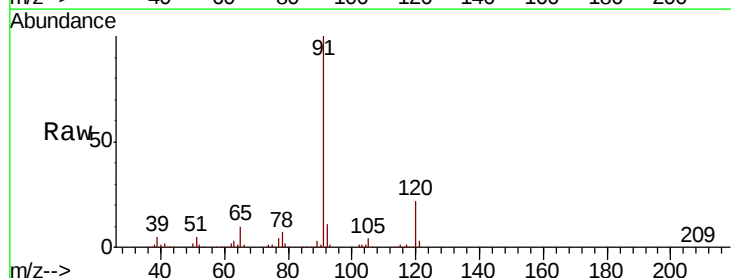
Acq: 11 Oct 2019 13:08

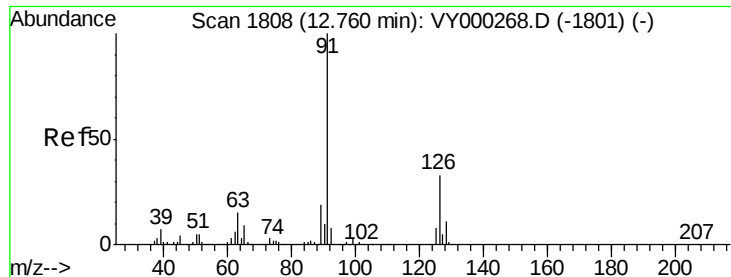
Tgt Ion: 91 Resp: 179524

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 10.649 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 99477

Ion Ratio Lower Upper

91 100

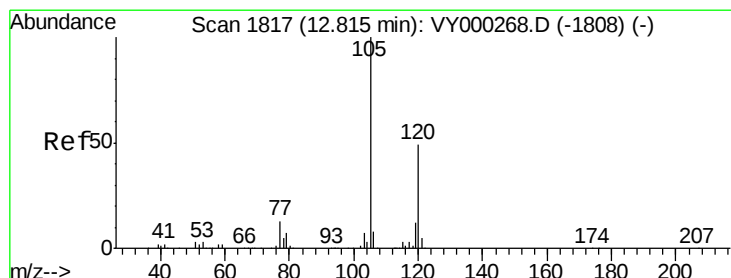
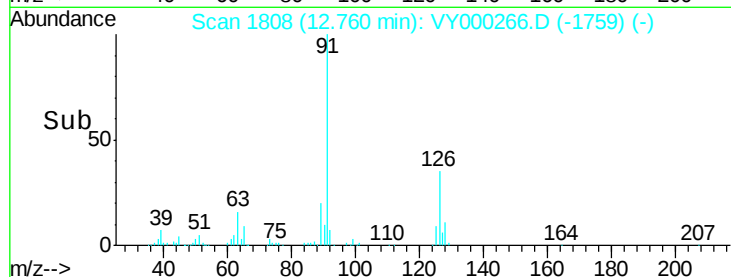
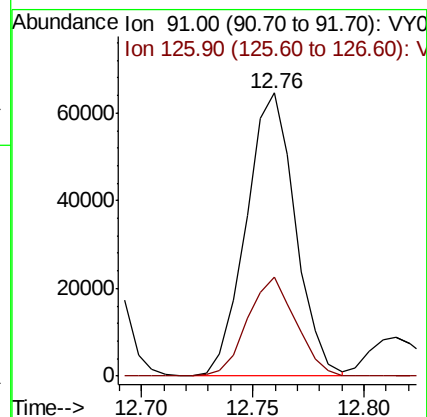
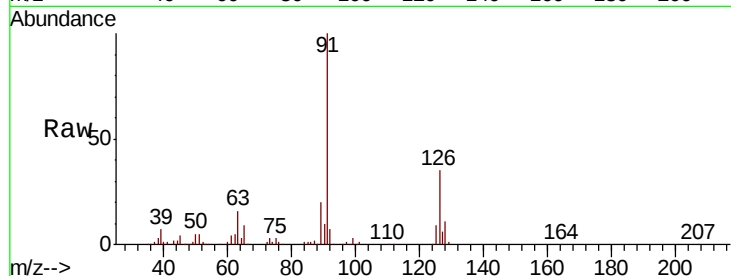
126 34.3 17.1 51.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 10.806 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000266.D

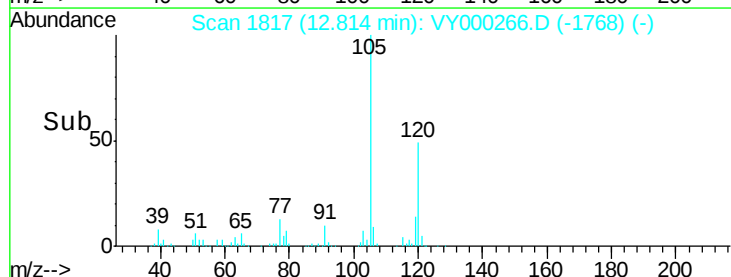
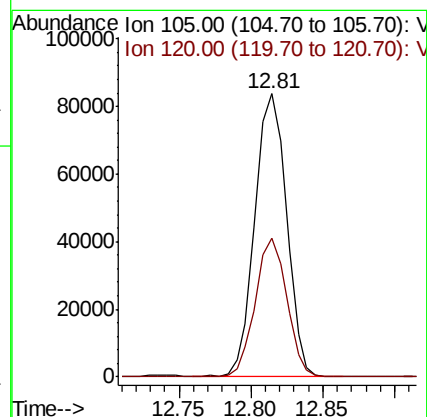
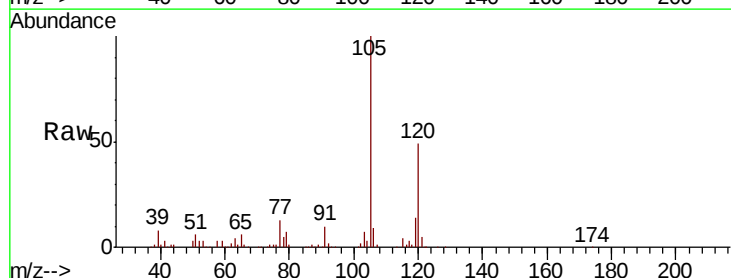
Acq: 11 Oct 2019 13:08

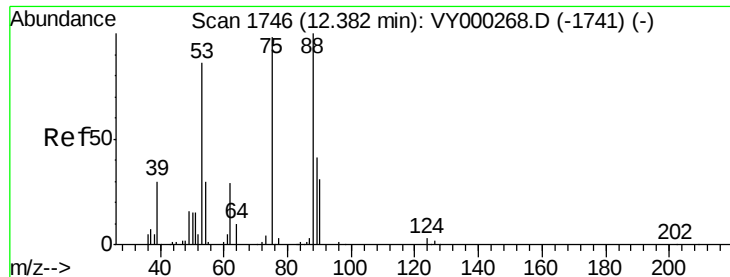
Tgt Ion: 105 Resp: 127654

Ion Ratio Lower Upper

105 100

120 48.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 10.471 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

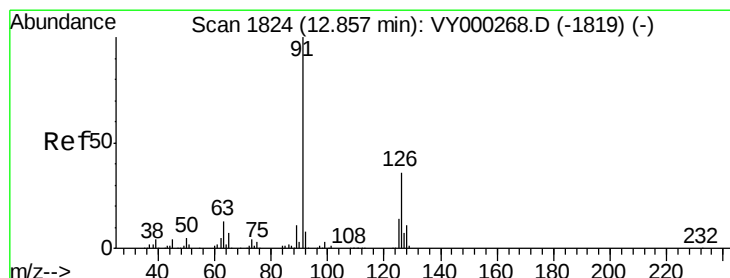
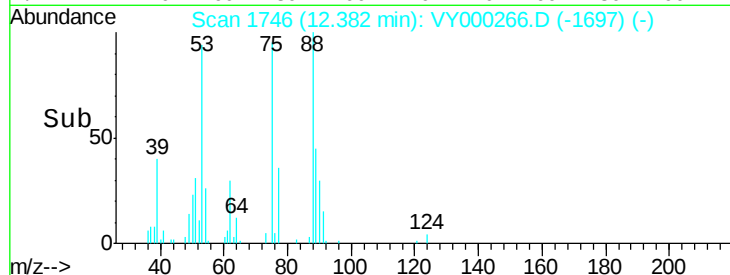
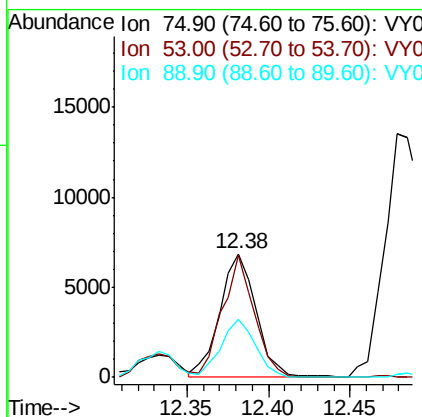
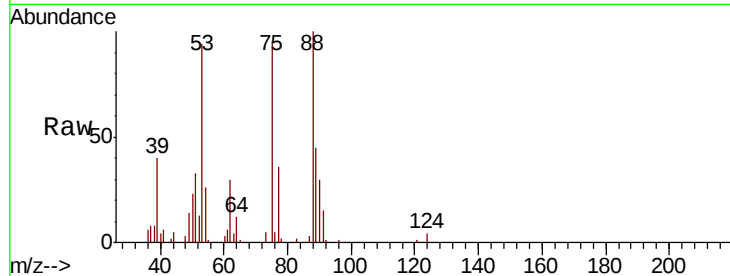
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	10633
Ion	Ratio	Lower	Upper
75	100		
53	86.1	71.3	106.9
89	44.6	35.1	52.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 10.682 ug/l

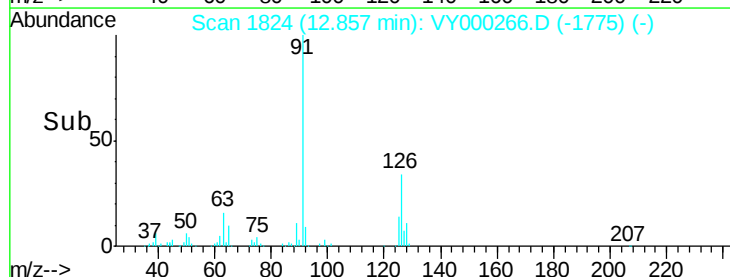
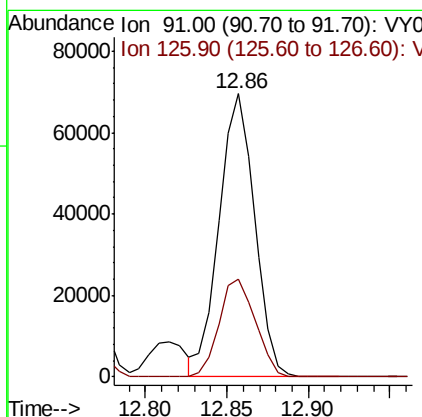
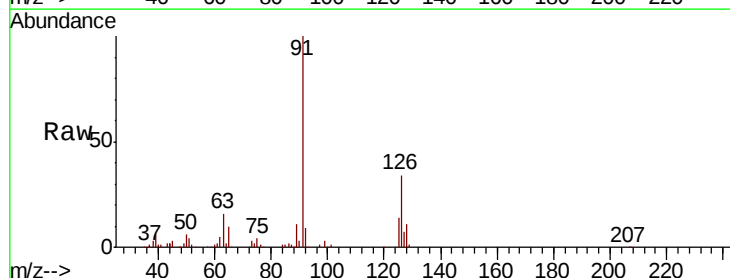
RT: 12.86 min Scan# 1824

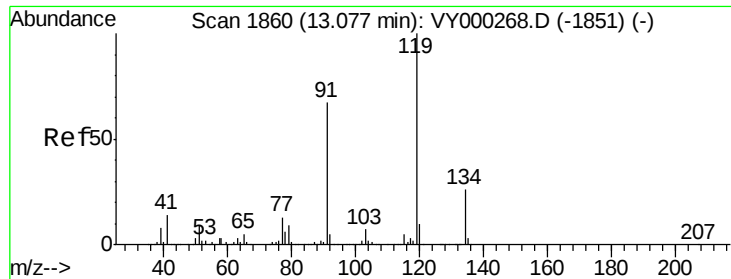
Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Tgt Ion:	91	Resp:	105481
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.2	51.5





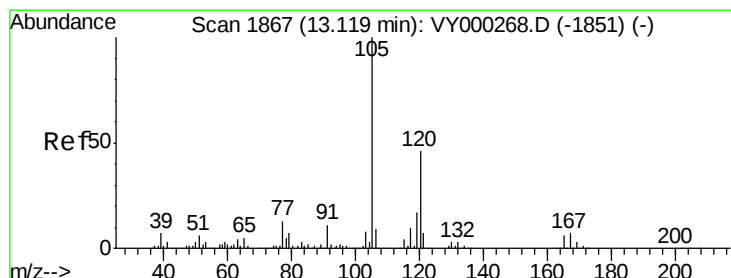
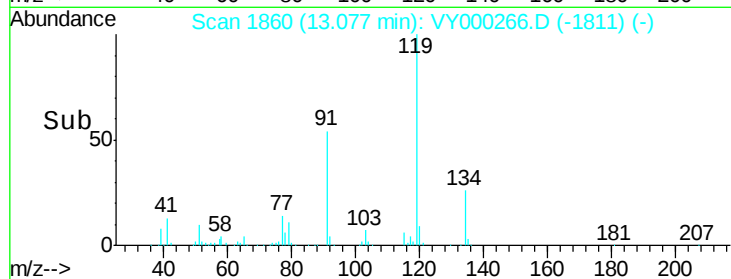
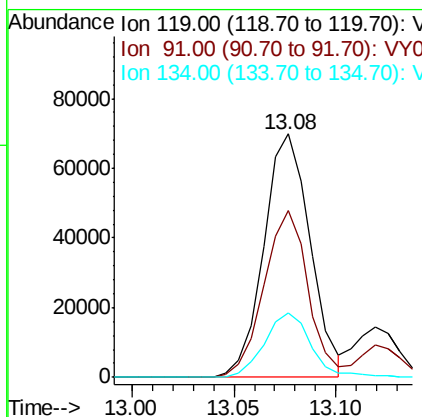
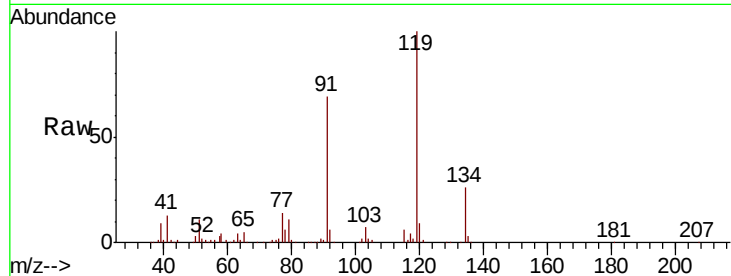
#83
tert-Butylbenzene
Concen: 11.061 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	110658		
91	65.0		32.9	98.7
134	26.6		13.3	39.8

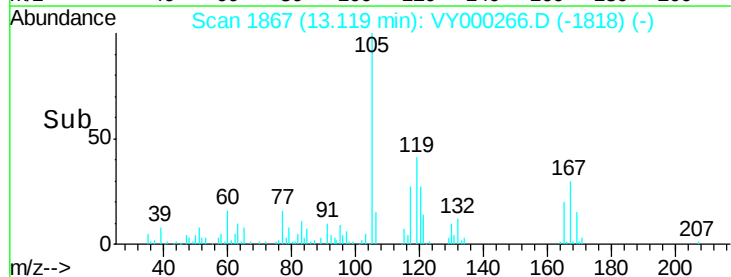
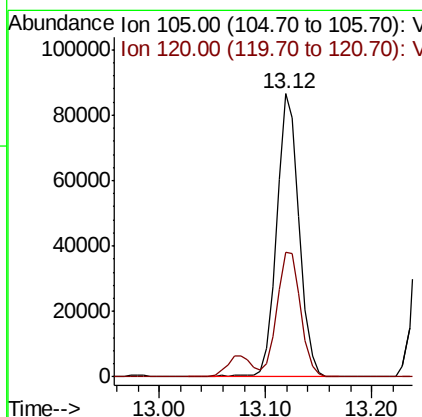
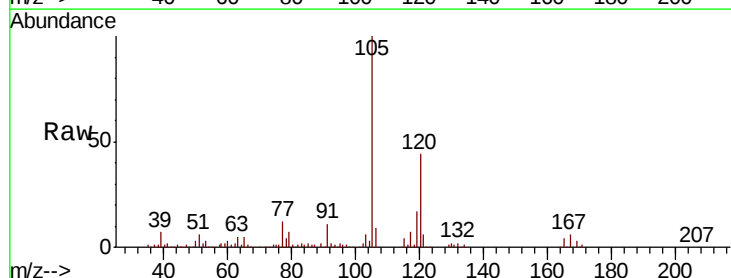
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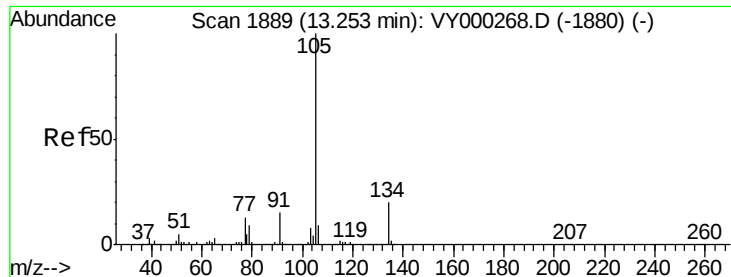
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 10.815 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126102		
120	46.4		22.9	68.8





#85

sec-Butylbenzene

Concen: 10.919 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 158021

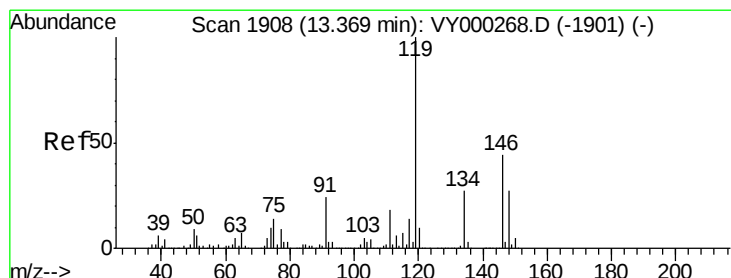
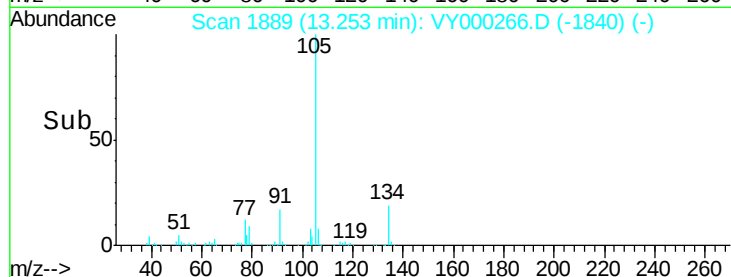
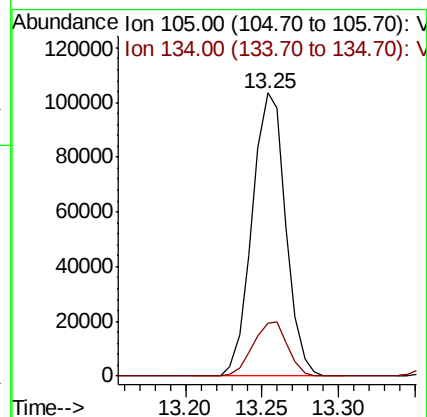
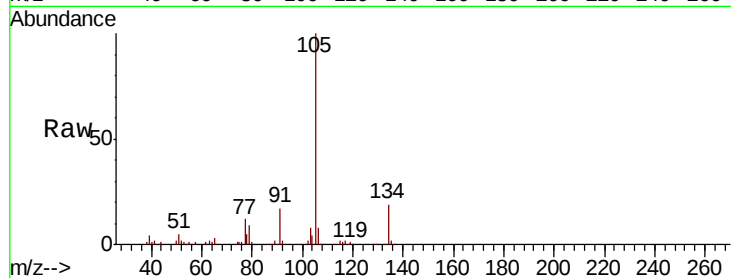
Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 10.749 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000266.D

Acq: 11 Oct 2019 13:08

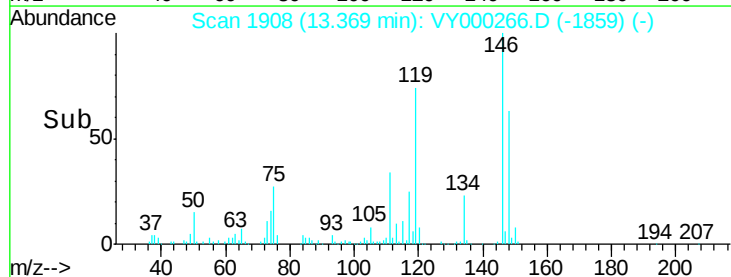
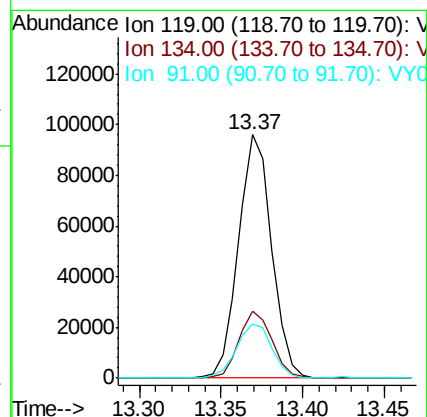
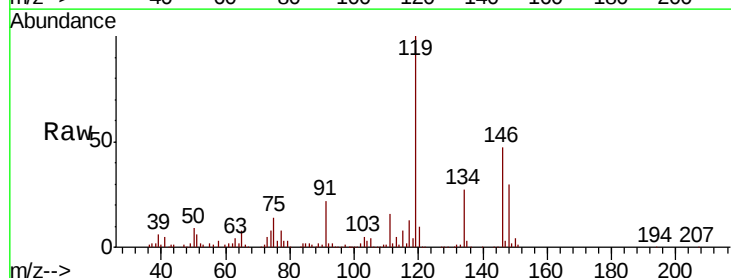
Tgt Ion:119 Resp: 135624

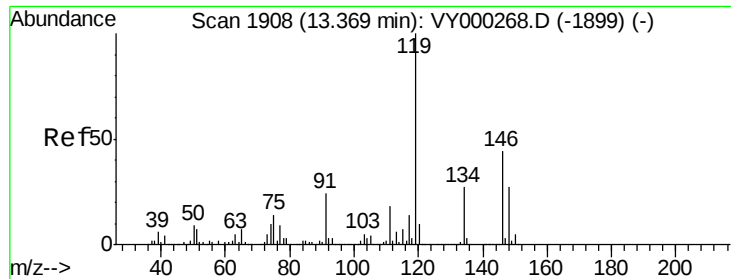
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

91 23.8 12.0 36.1





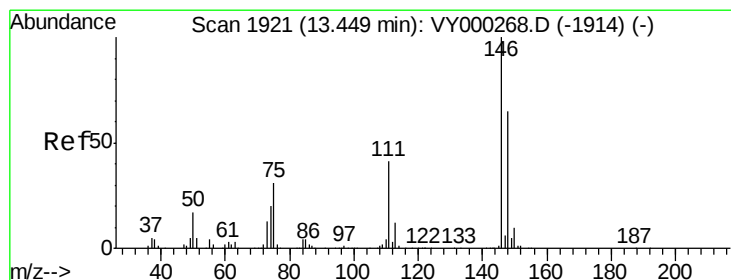
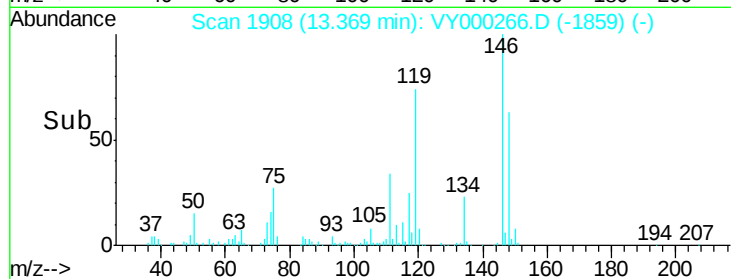
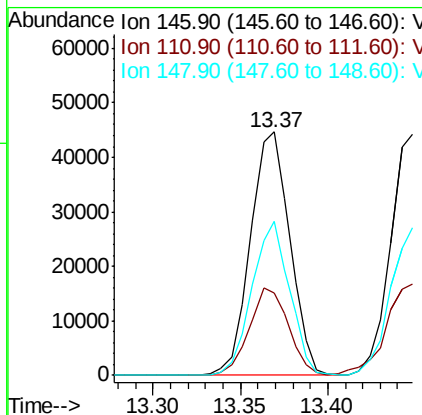
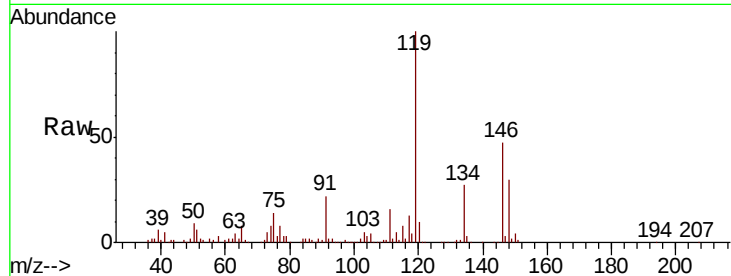
#87
 1,3-Dichlorobenzene
 Concen: 11.337 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	20.6	61.8
148	60.3	31.9	95.5

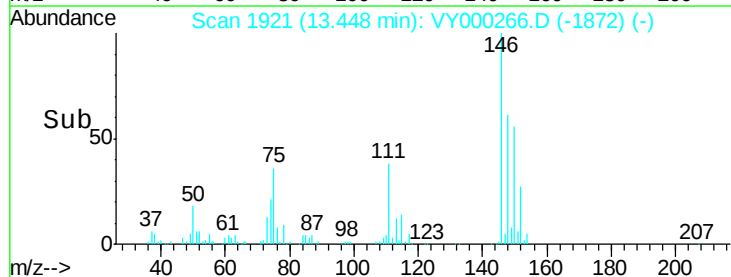
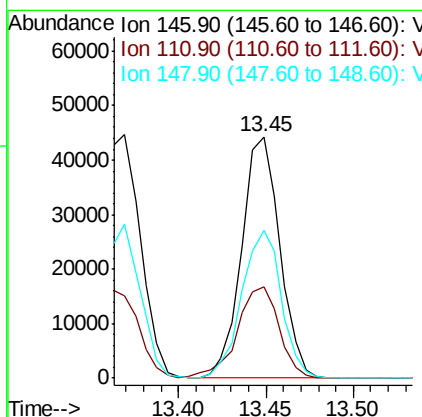
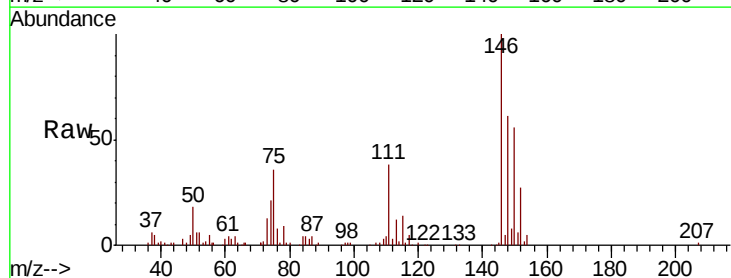
Manual Integrations
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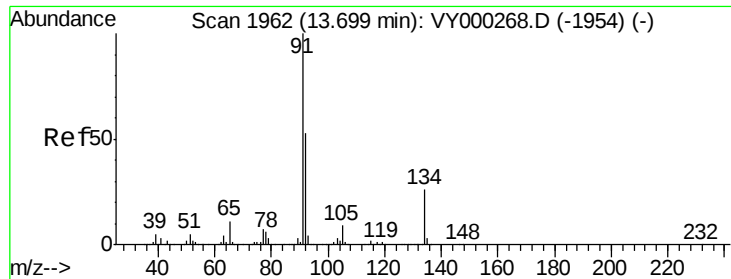
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#88
 1,4-Dichlorobenzene
 Concen: 10.903 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.2
148	63.3	32.4	97.2





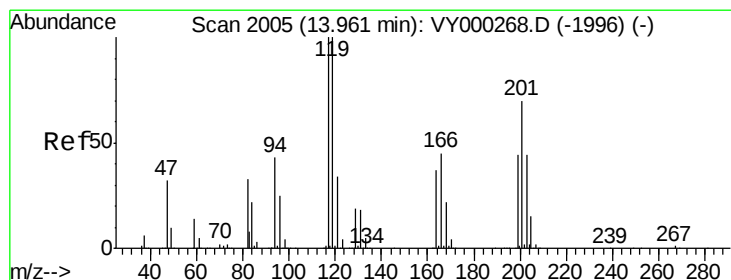
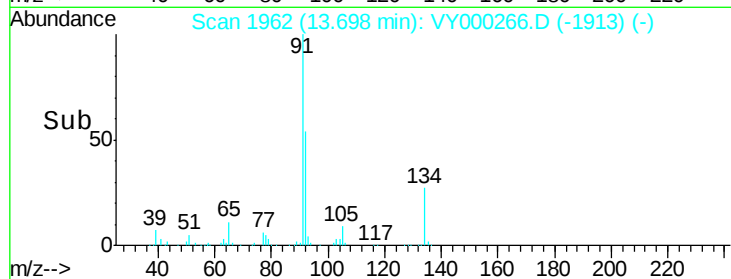
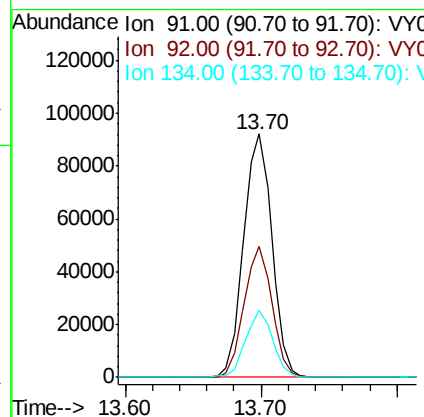
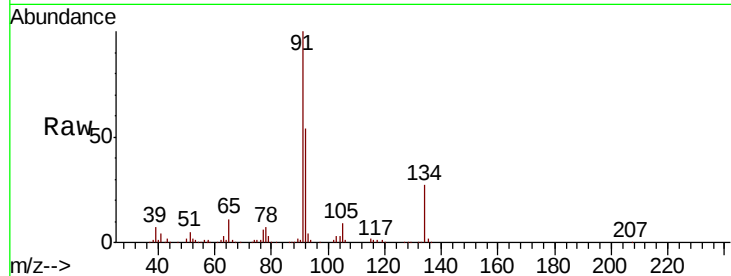
#89
n-Butylbenzene
Concen: 10.763 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.1
134	26.4	13.0	38.9

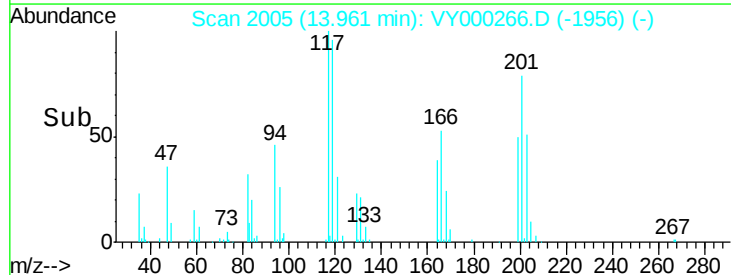
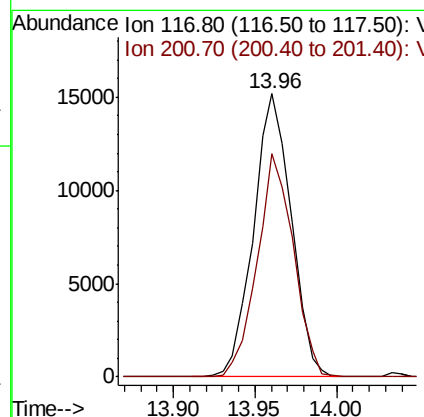
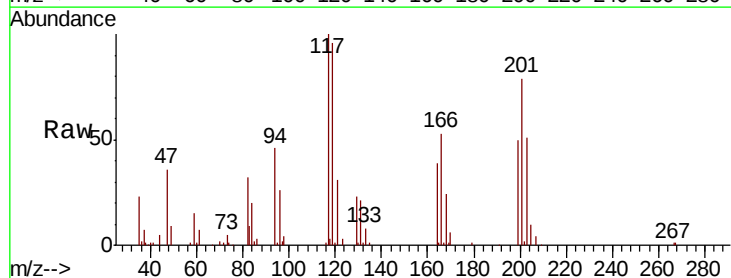
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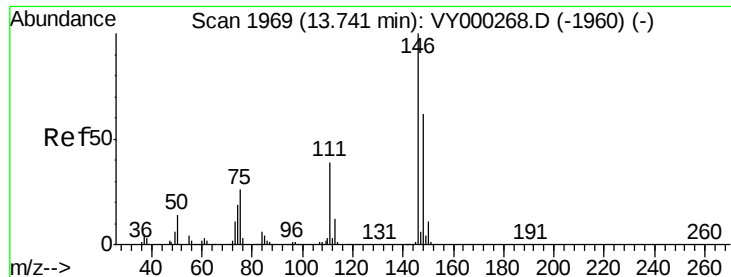
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#90
Hexachloroethane
Concen: 10.440 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	36.3	108.7





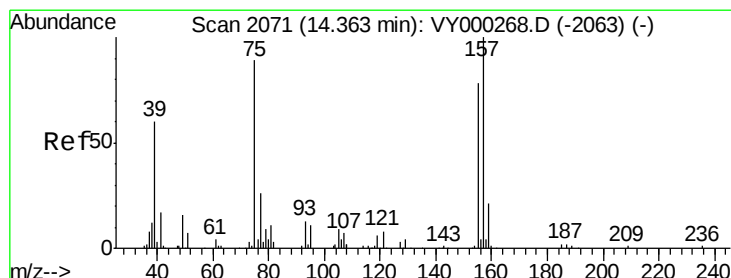
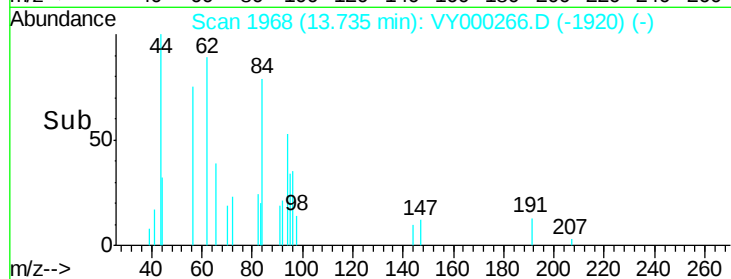
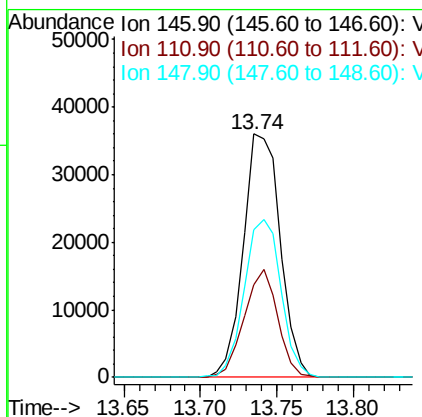
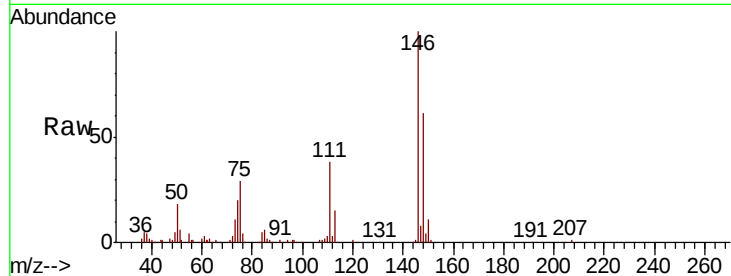
#91
 1,2-Dichlorobenzene
 Concen: 10.804 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.9	31.6	95.0

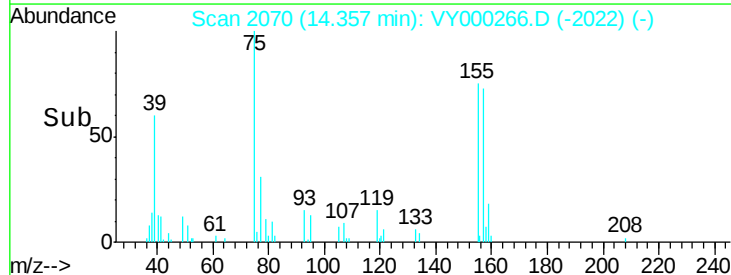
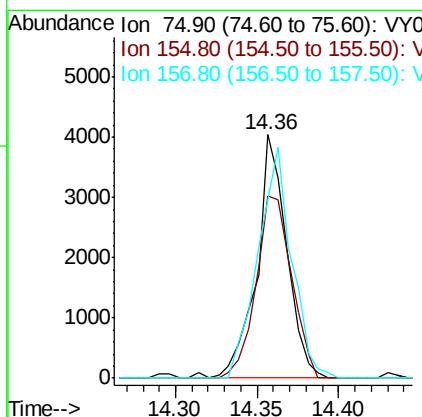
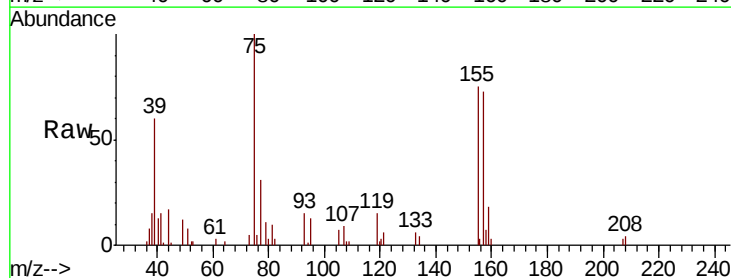
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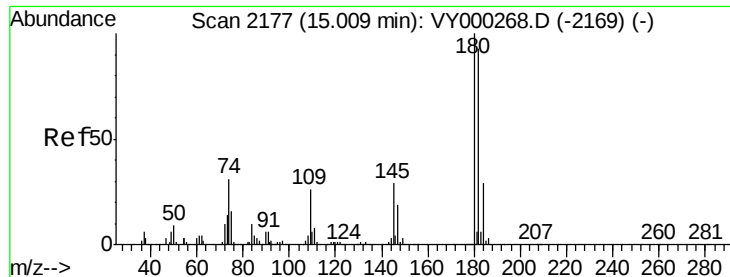
MMDadoda
 10/15/2019 12:33:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.349 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	45.8	137.3
157	105.6	55.6	166.9





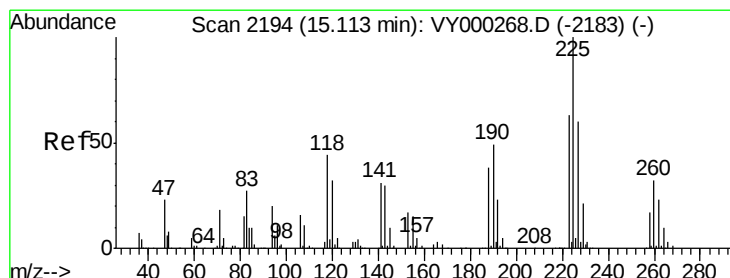
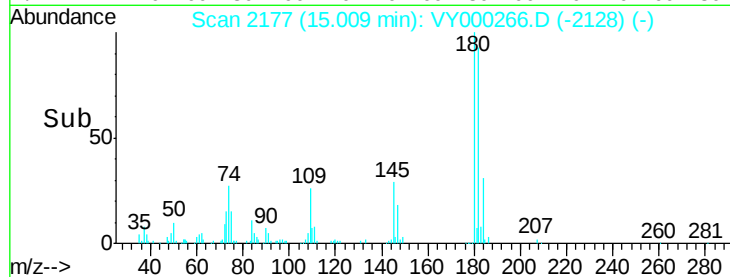
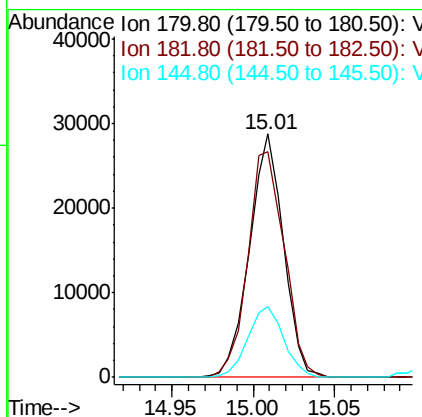
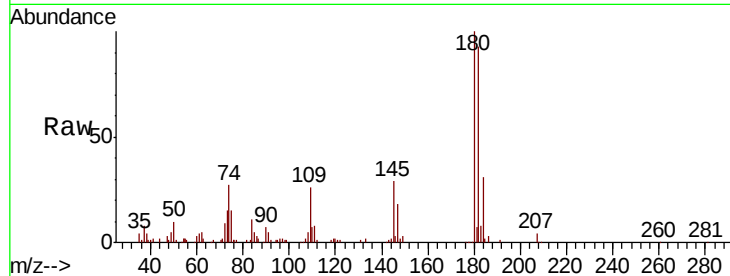
#93
 1,2,4-Trichlorobenzene
 Concen: 10.724 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	180	Resp:	41737
Ion Ratio	Lower	Upper	
180	100		
182	99.9	47.5	142.6
145	30.9	15.4	46.1

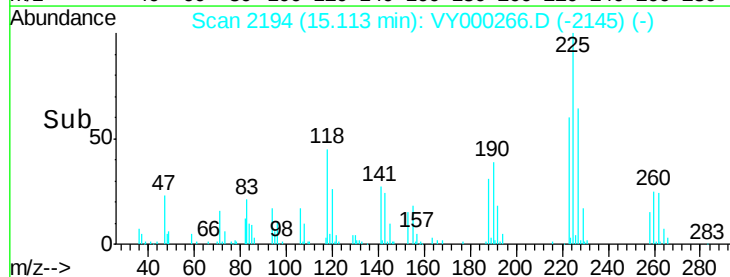
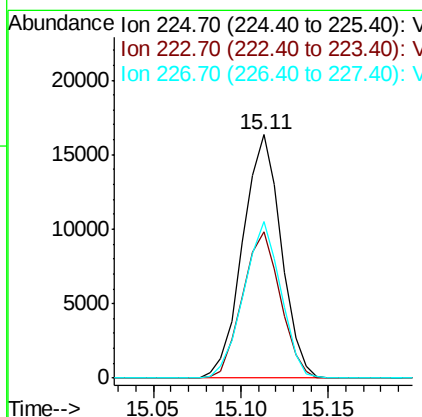
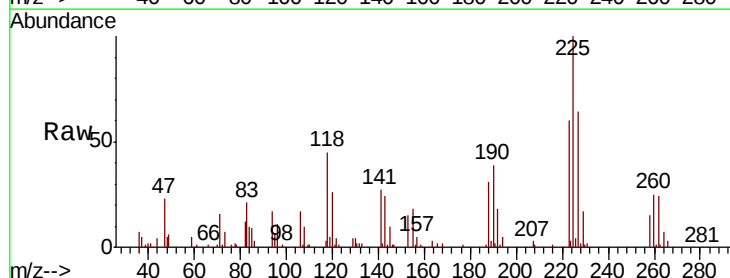
Manual Integrations
 APPROVED

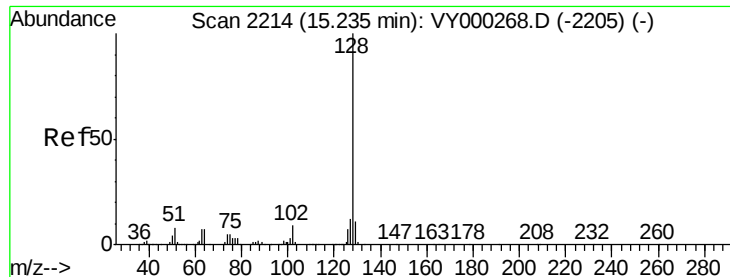
MMDadoda
 10/15/2019 12:33:37 PM



#94
 Hexachlorobutadiene
 Concen: 11.871 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000266.D
 Acq: 11 Oct 2019 13:08

Tgt Ion:	225	Resp:	25004
Ion Ratio	Lower	Upper	
225	100		
223	59.1	31.9	95.7
227	62.2	31.4	94.2





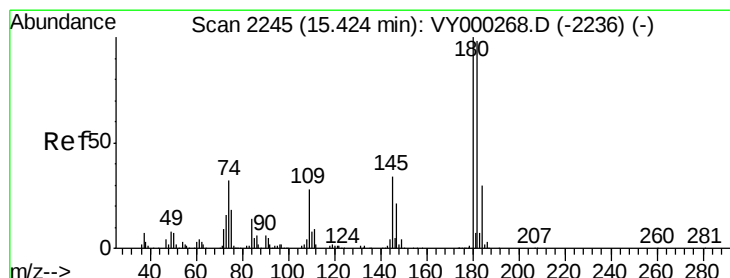
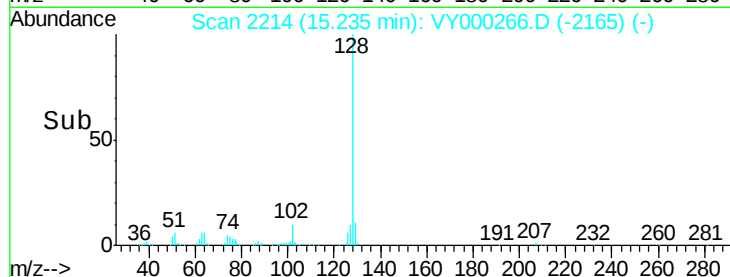
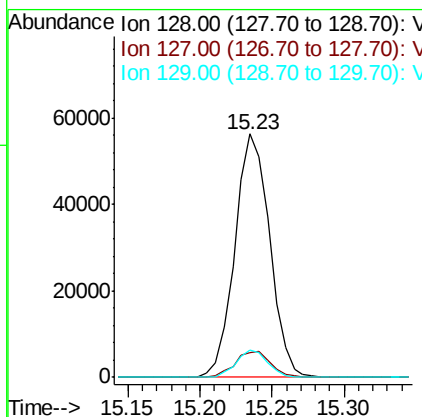
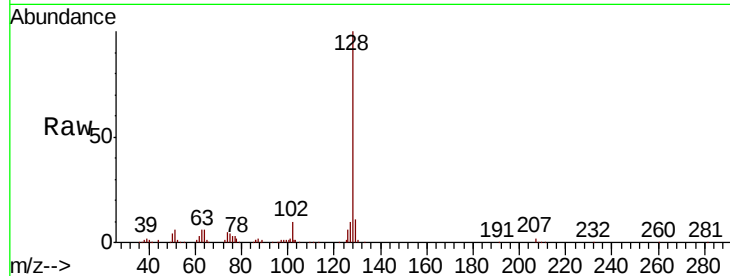
#95
Naphthalene
Concen: 10.895 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.0	9.6	14.4
129	10.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/15/2019 12:33:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 10.949 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000266.D
Acq: 11 Oct 2019 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.5	139.5
145	30.6	16.2	48.5

