

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000184.D
 Acq On : 03 Oct 2019 14:57
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:50:51 PM

Quant Time: Oct 04 05:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	404210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	600763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	538328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	277686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	92696	21.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.88%	
35) Dibromofluoromethane	7.72	113	82806	22.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.44%	
50) Toluene-d8	10.18	98	325683	22.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.86%	
62) 4-Bromofluorobenzene	12.49	95	116640	23.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	69651	25.881	ug/l	94
3) Chloromethane	2.12	50	79300	28.433	ug/l	100
4) Vinyl Chloride	2.25	62	85870	28.395	ug/l	99
5) Bromomethane	2.64	94	62783	31.786	ug/l	98
6) Chloroethane	2.79	64	54011	25.634	ug/l	97
7) Trichlorofluoromethane	3.13	101	124748	25.848	ug/l	98
8) Diethyl Ether	3.53	74	47903	22.428	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74299	24.352	ug/l	98
10) Methyl Iodide	4.09	142	121128	29.218	ug/l	100
11) Tert butyl alcohol	4.96	59	210639	104.021	ug/l	99
12) 1,1-Dichloroethene	3.87	96	75243	26.231	ug/l	91
13) Acrolein	3.72	56	83619	95.848	ug/l	97
14) Allyl chloride	4.48	41	98235	24.581	ug/l	97
15) Acrylonitrile	5.18	53	339418	104.354	ug/l	99
16) Acetone	3.95	43	202779	75.127	ug/l	97
17) Carbon Disulfide	4.19	76	207164	35.852	ug/l #	94
18) Methyl Acetate	4.48	43	146195	19.391	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	236655	20.442	ug/l	95
20) Methylene Chloride	4.71	84	79530	22.508	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	79288	25.628	ug/l	90
22) Diisopropyl ether	6.12	45	219917	20.747	ug/l	95
23) Vinyl Acetate	6.07	43	1005582	110.328	ug/l	99
24) 1,1-Dichloroethane	6.02	63	125727	22.168	ug/l	97
25) 2-Butanone	6.99	43	444594	92.648	ug/l	99
26) 2,2-Dichloropropane	6.99	77	121732	22.065	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	91074	22.386	ug/l	99
28) Bromochloromethane	7.34	49	39266	17.596	ug/l	96
29) Tetrahydrofuran	7.35	42	343766	107.369	ug/l	99
30) Chloroform	7.51	83	137925	21.229	ug/l	95
31) Cyclohexane	7.79	56	124368	29.913	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	127756	23.047	ug/l	98
36) 1,1-Dichloropropene	7.93	75	105210	26.740	ug/l	99
37) Ethyl Acetate	7.08	43	155044	21.081	ug/l	98
38) Carbon Tetrachloride	7.91	117	118999	24.670	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	140770	30.317	ug/l	96
40) Benzene	8.17	78	316921	24.289	ug/l	97
41) Methacrylonitrile	7.33	41	73799m	21.165	ug/l	
42) 1,2-Dichloroethane	8.24	62	101176	22.302	ug/l	100
43) Isopropyl Acetate	8.28	43	211865	21.362	ug/l	99
44) Trichloroethene	8.94	130	100787	24.751	ug/l	99
45) 1,2-Dichloropropane	9.22	63	76241	22.783	ug/l	98
46) Dibromomethane	9.31	93	56844	22.822	ug/l	99
47) Bromodichloromethane	9.50	83	107981	21.222	ug/l	96
48) Methyl methacrylate	9.30	41	92794	21.000	ug/l	99
49) 1,4-Dioxane	9.30	88	61222	444.435	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	801955	102.556	ug/l	99
52) Toluene	10.25	92	208161	24.121	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	123986	22.191	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	132528	22.747	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	82940	20.901	ug/l	97
56) Ethyl methacrylate	10.52	69	132323	21.485	ug/l	99
57) 1,3-Dichloropropane	10.80	76	135892	22.001	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	372217	118.443	ug/l	99
59) 2-Hexanone	10.83	43	649235	98.556	ug/l	100
60) Dibromochloromethane	10.99	129	97228	21.300	ug/l	100
61) 1,2-Dibromoethane	11.09	107	93006	23.116	ug/l	99
64) Tetrachloroethene	10.72	164	103772	24.749	ug/l	97
65) Chlorobenzene	11.52	112	229968	22.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	88231	20.957	ug/l	99
67) Ethyl Benzene	11.60	91	399389	23.447	ug/l	100
68) m/p-Xylenes	11.71	106	315387	46.663	ug/l	100
69) o-Xylene	12.03	106	150835	22.267	ug/l	98
70) Styrene	12.05	104	257536	22.077	ug/l	99
71) Bromoform	12.21	173	79355	20.461	ug/l #	99
73) Isopropylbenzene	12.33	105	403821	22.012	ug/l	100
74) N-amyl acetate	12.14	43	161533	20.010	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	126569	19.440	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	95094m	19.531	ug/l	
77) Bromobenzene	12.61	156	103250	20.451	ug/l	98
78) n-propylbenzene	12.67	91	457085	22.281	ug/l	99
79) 2-Chlorotoluene	12.76	91	261395	21.626	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	339356	22.059	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53735	19.760	ug/l #	75
82) 4-Chlorotoluene	12.86	91	268369	20.853	ug/l	97
83) tert-Butylbenzene	13.08	119	299794	21.380	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	338105	22.144	ug/l	99
85) sec-Butylbenzene	13.25	105	403974	21.526	ug/l	99
86) p-Isopropyltoluene	13.37	119	372656	21.648	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	195640	21.458	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	195461	20.592	ug/l	99
89) n-Butylbenzene	13.70	91	319329	21.120	ug/l	99
90) Hexachloroethane	13.96	117	69627	20.409	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	191849	20.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	43043	19.702	ug/l	97

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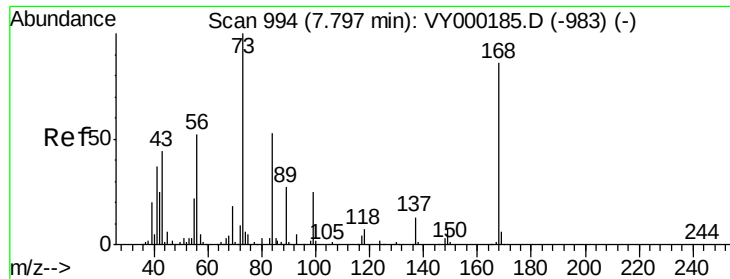
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 04 05:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	134796	19.880	ug/l	98
94) Hexachlorobutadiene	15.11	225	67413	21.396	ug/l	98
95) Naphthalene	15.23	128	466458	19.484	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	133047	19.837	ug/l	99

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



#1

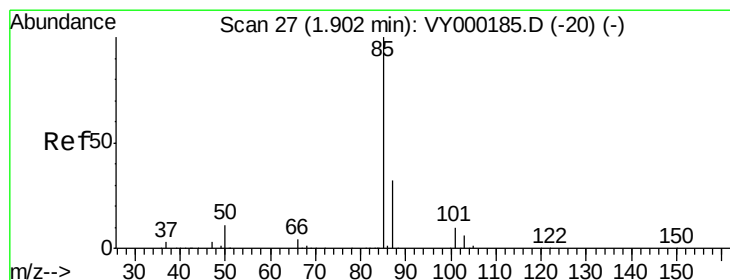
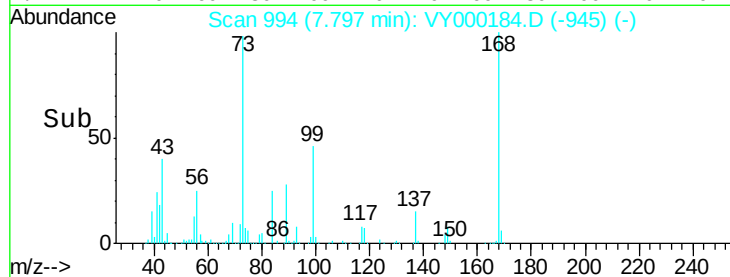
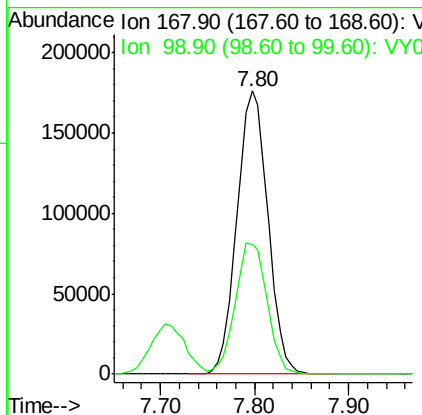
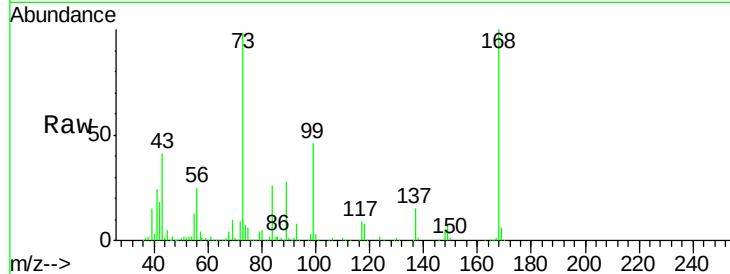
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.9	39.0	58.6

Manual Integrations
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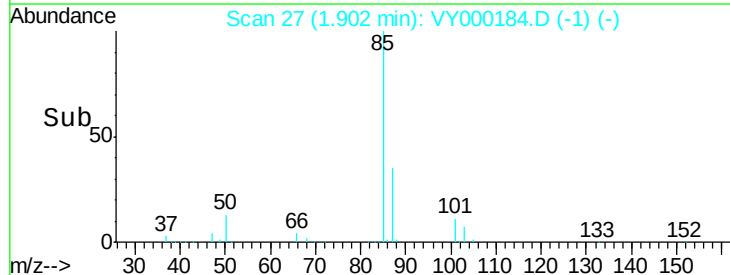
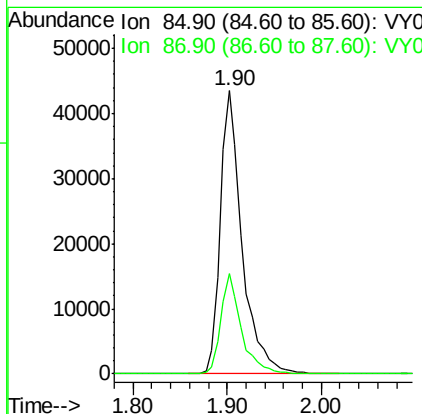
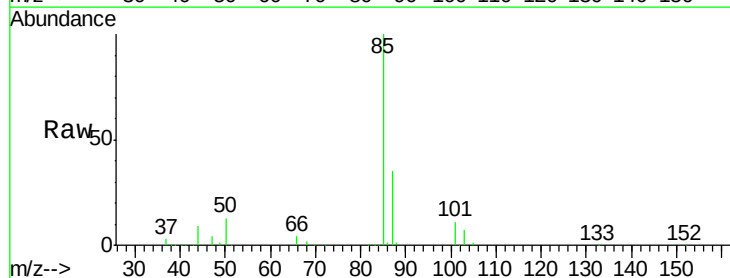
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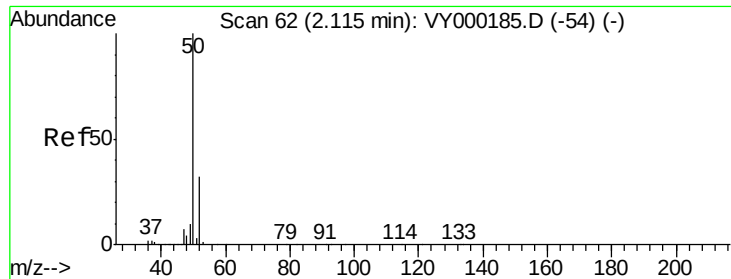


#2

Dichlorodifluoromethane
 Concen: 25.881 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
85	100		
87	35.2	16.0	48.0





#3

Chloromethane

Concen: 28.433 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 79300

Ion Ratio Lower Upper

50 100

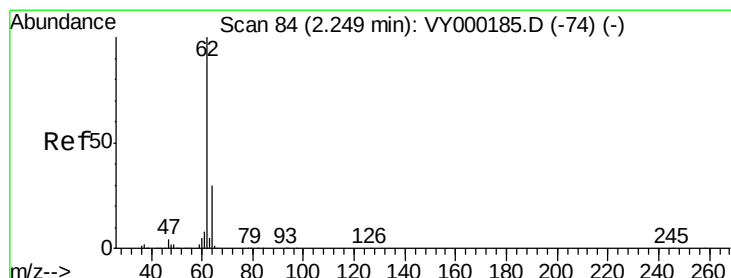
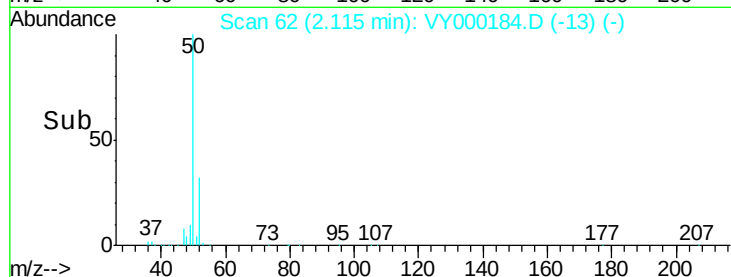
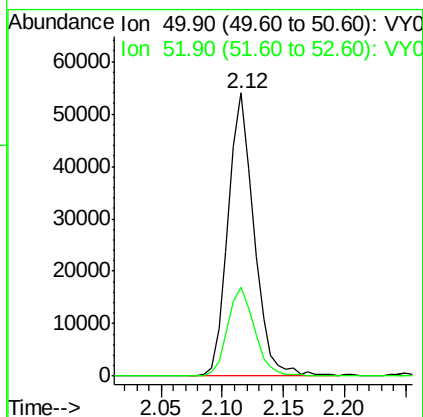
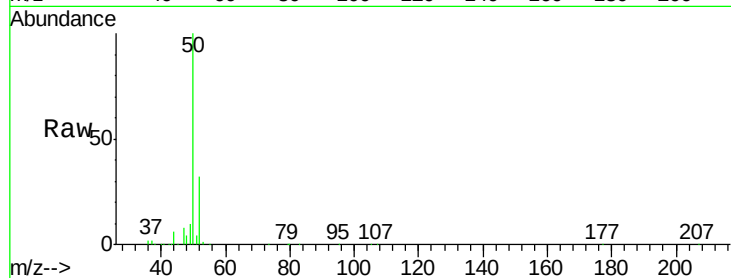
52 31.5 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 28.395 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000184.D

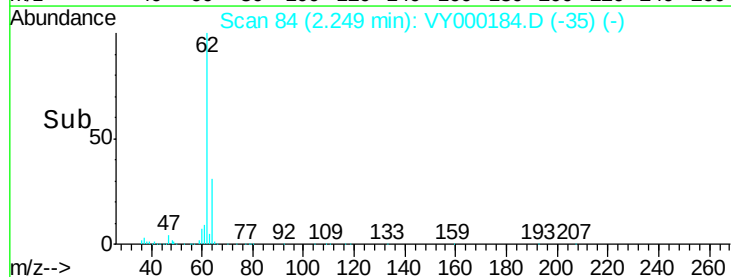
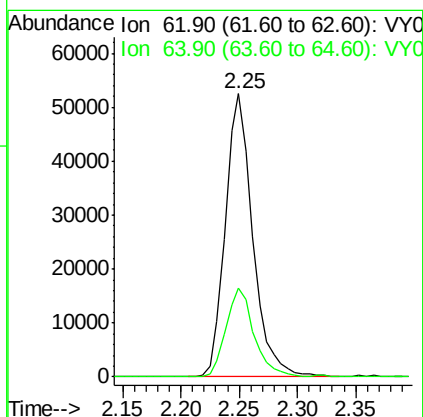
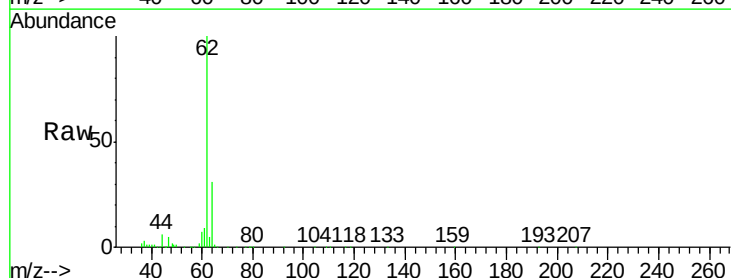
Acq: 03 Oct 2019 14:57

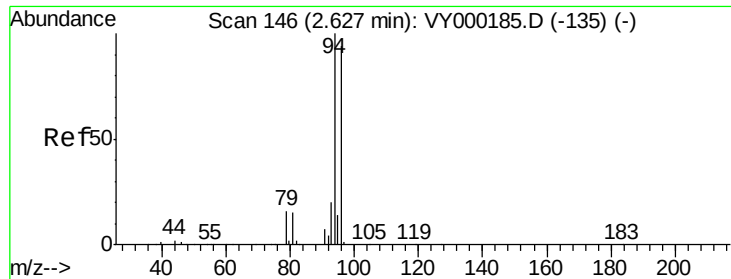
Tgt Ion: 62 Resp: 85870

Ion Ratio Lower Upper

62 100

64 31.2 24.3 36.5





#5

Bromomethane

Concen: 31.786 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.01 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 62783

Ion Ratio Lower Upper

94 100

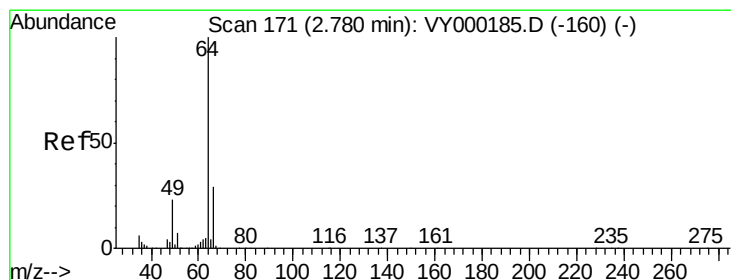
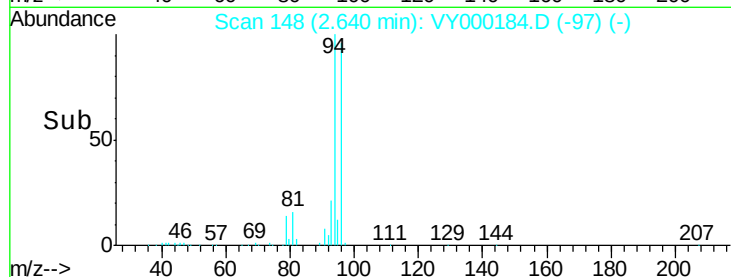
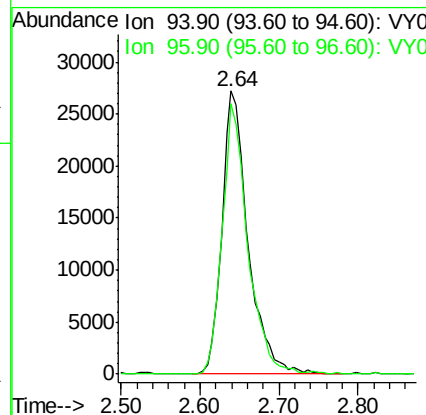
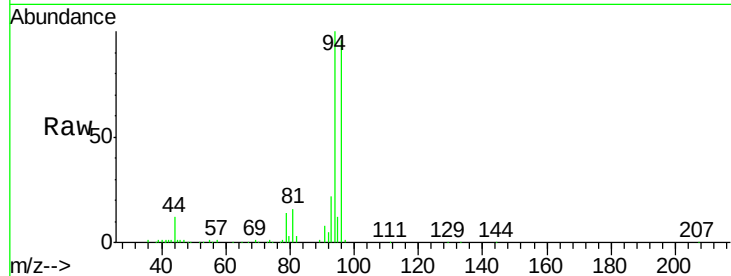
96 95.6 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 25.634 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000184.D

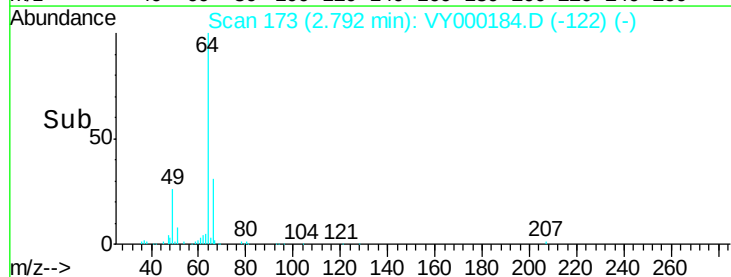
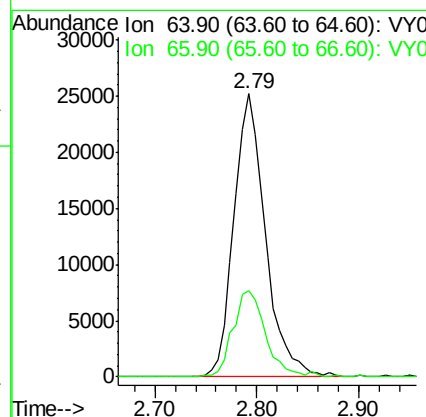
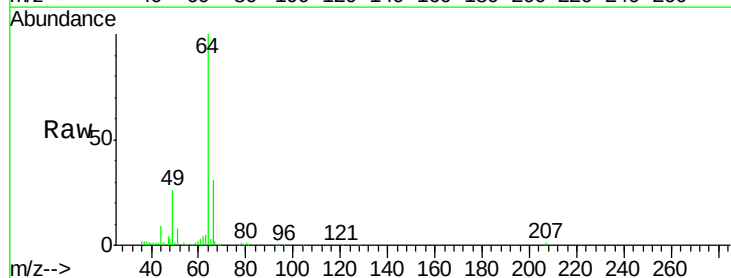
Acq: 03 Oct 2019 14:57

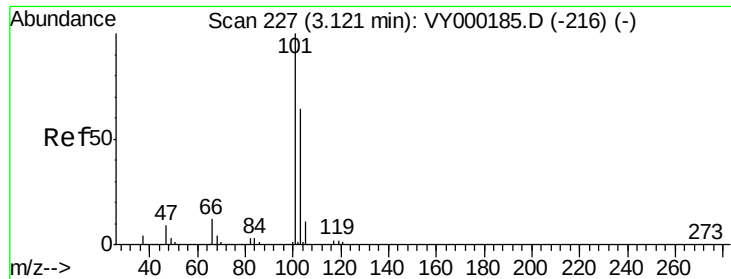
Tgt Ion: 64 Resp: 54011

Ion Ratio Lower Upper

64 100

66 30.6 23.1 34.7





#7

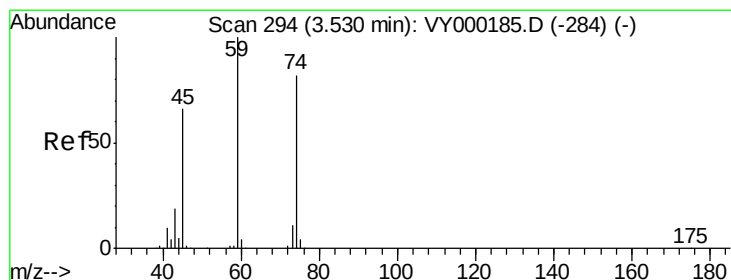
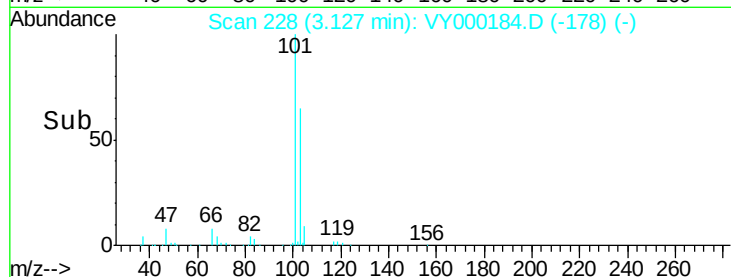
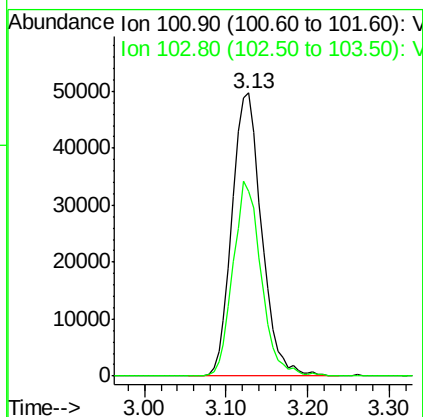
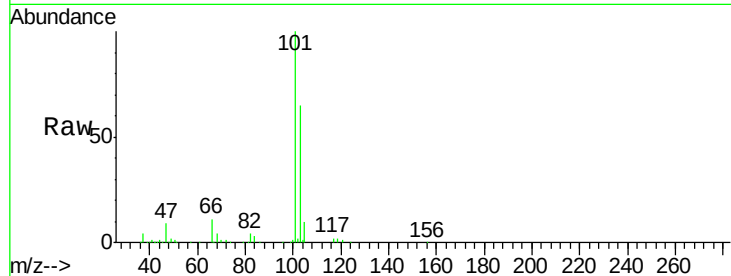
Trichlorofluoromethane
Concen: 25.848 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.01 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.3	76.9

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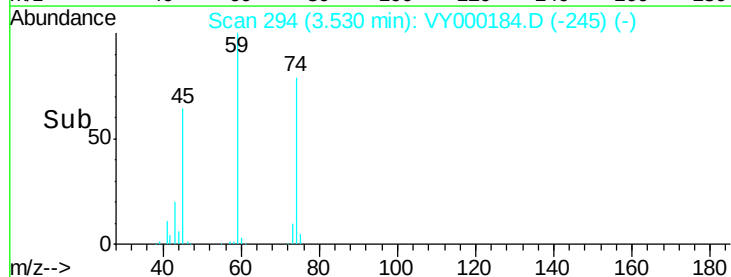
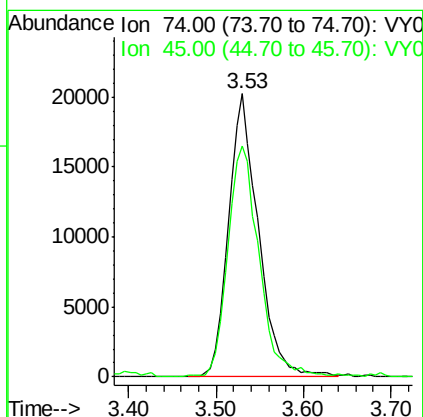
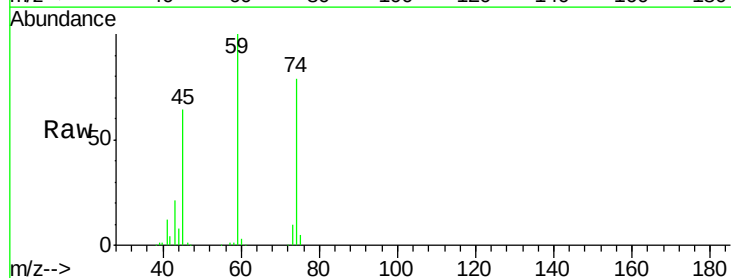
MMDadoda
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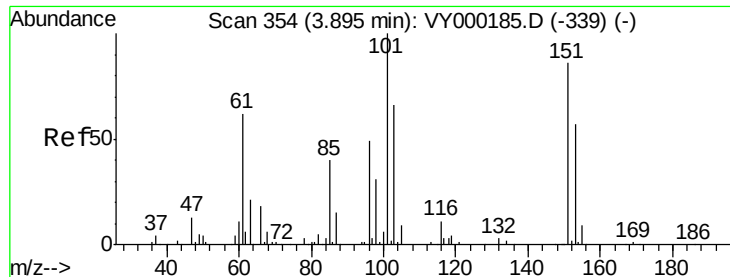


#8

Diethyl Ether
Concen: 22.428 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.2	40.6	121.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.352 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

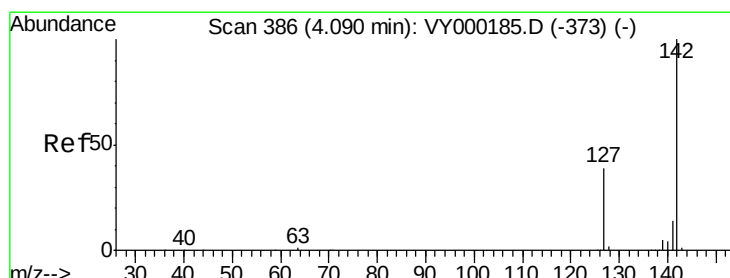
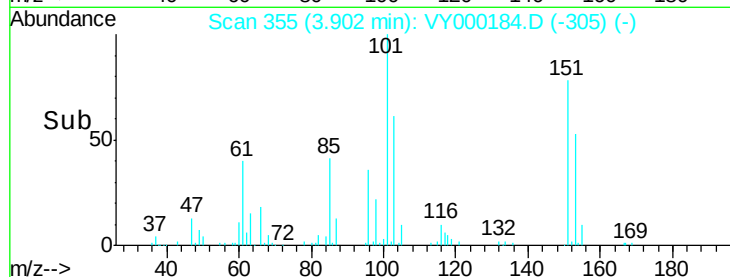
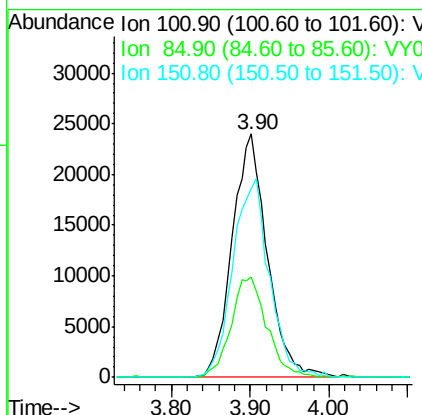
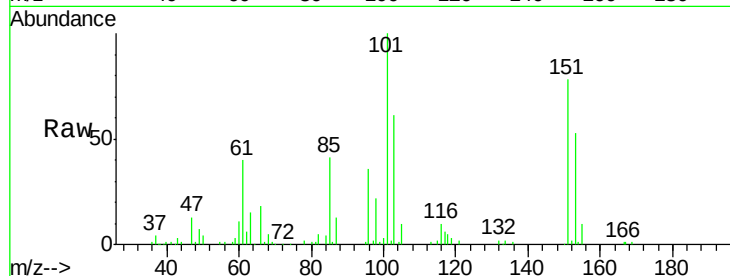
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	74299
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.6
151	84.8	69.7	104.5

Manual Integrations
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#10

Methyl Iodide

Concen: 29.218 ug/l

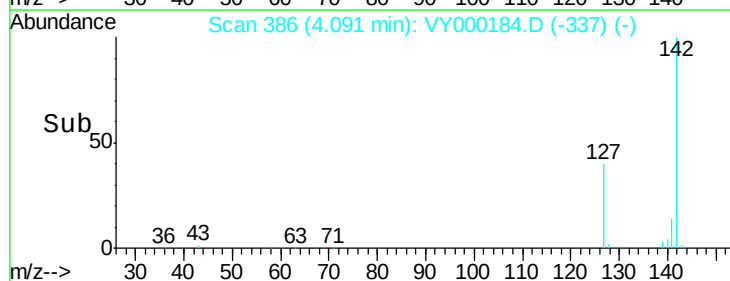
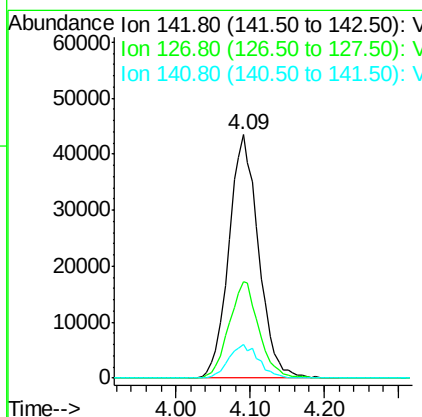
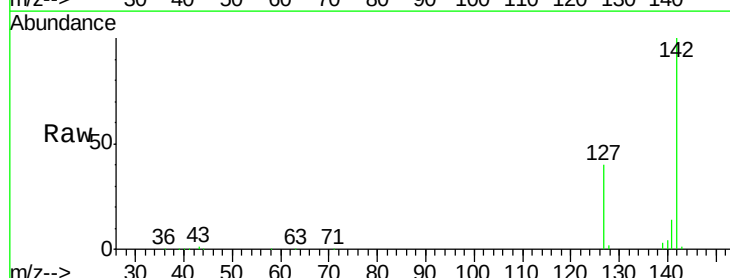
RT: 4.09 min Scan# 386

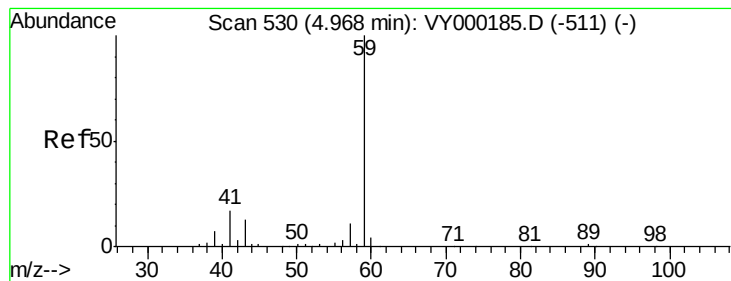
Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Tgt Ion:	142	Resp:	121128
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.7	47.5
141	14.0	11.0	16.6





#11

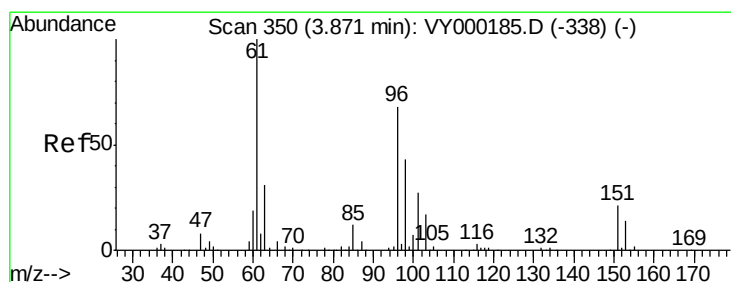
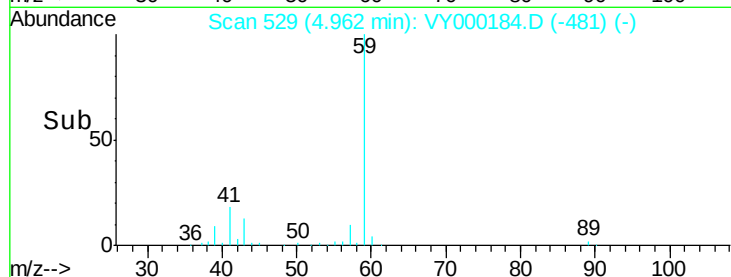
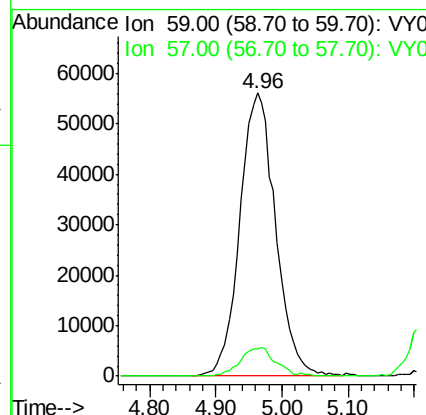
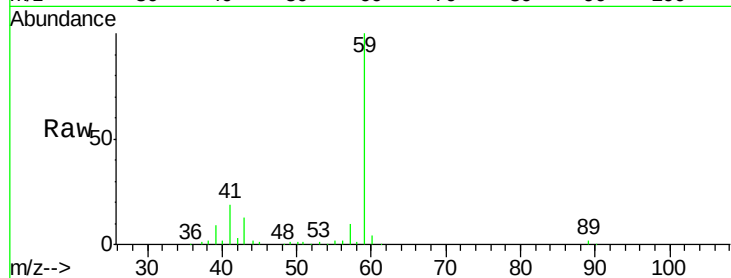
Tert butyl alcohol
 Concen: 104.021 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	59	57	Ratio	100	10.0	Resp	210639	Lower	7.8	Upper	11.8
Ion	59	57	Ratio	100	10.0	Resp	210639	Lower	7.8	Upper	11.8

Manual Integrations
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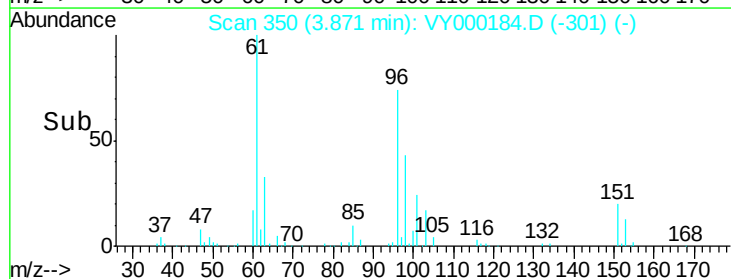
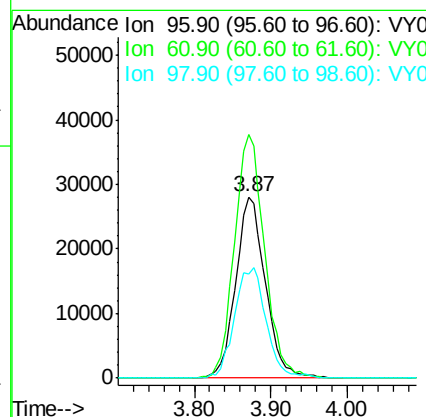
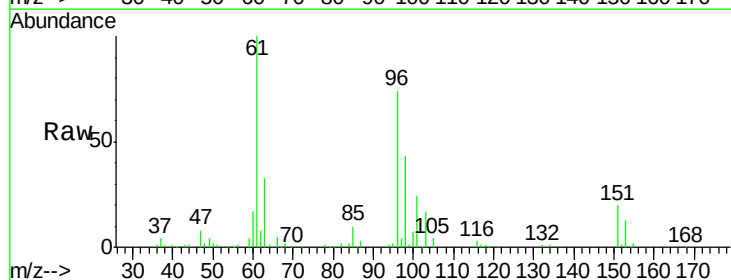
MMDadoda
 10/7/2019 12:50:51 PM

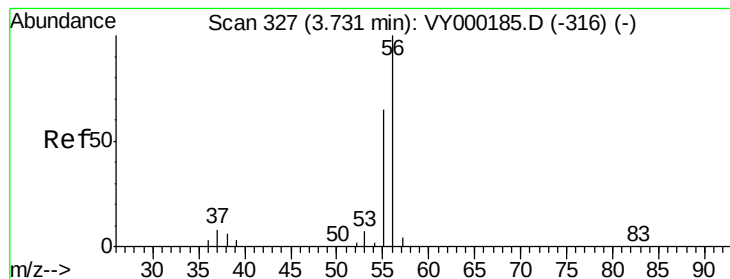


#12

1,1-Dichloroethene
 Concen: 26.231 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	96	61	98	Ratio	100	134.5	57.6	Resp	75243	Lower	117.1	50.3	Upper	175.7	75.5
Ion	96	61	98	Ratio	100	134.5	57.6	Resp	75243	Lower	117.1	50.3	Upper	175.7	75.5





#13

Acrolein

Concen: 95.848 ug/l

RT: 3.72 min Scan# 326

Delta R.T. -0.01 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 83619

Ion Ratio Lower Upper

56 100

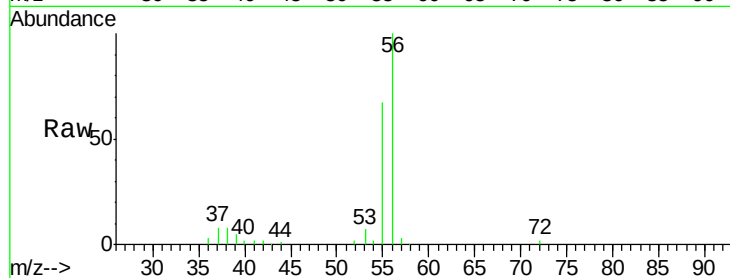
55 67.0 55.5 83.3

Manual Integrations

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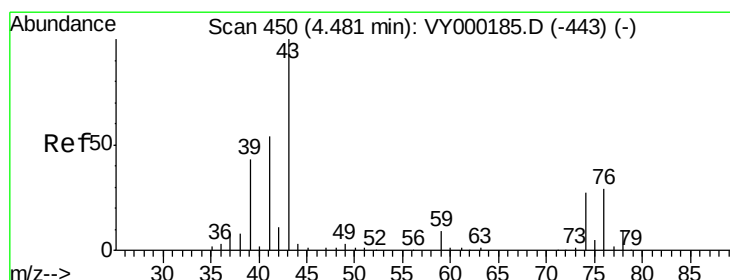
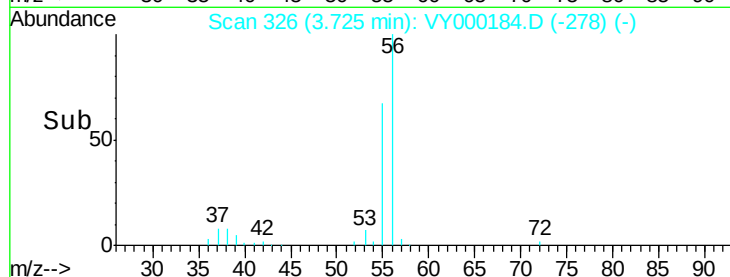
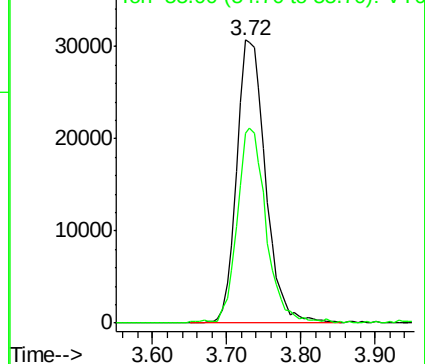
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 24.581 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

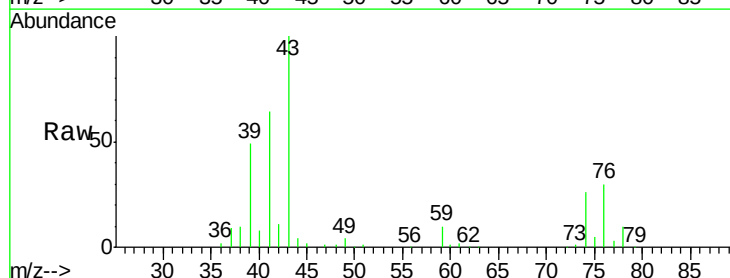
Tgt Ion: 41 Resp: 98235

Ion Ratio Lower Upper

41 100

39 74.9 61.8 92.6

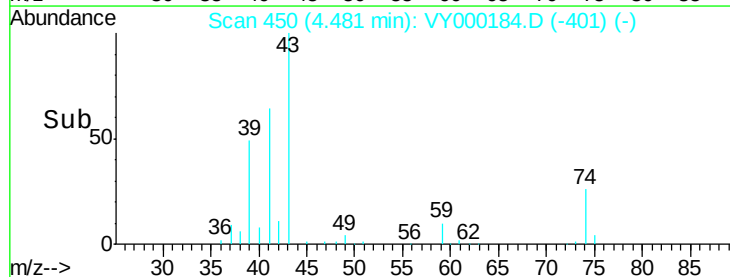
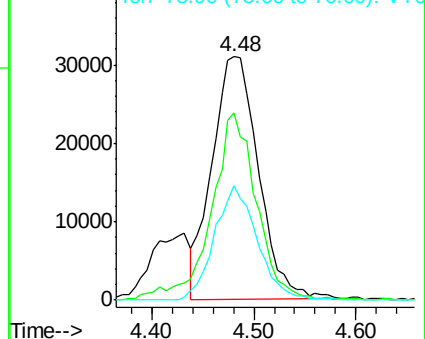
76 43.3 36.2 54.4

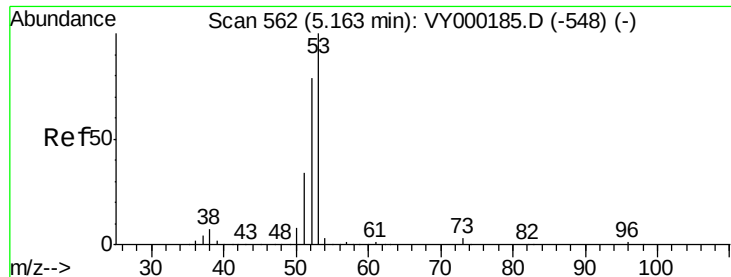


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 104.354 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

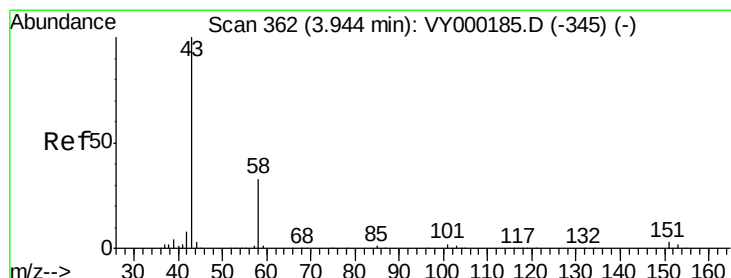
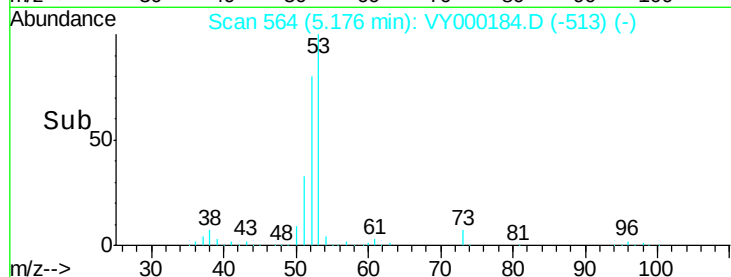
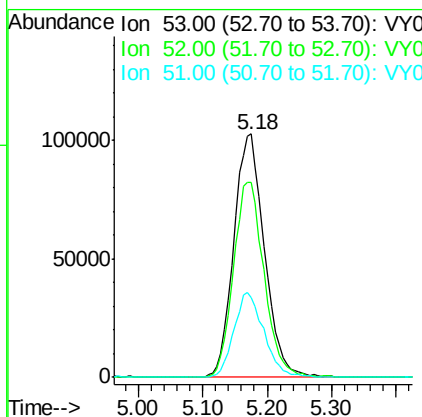
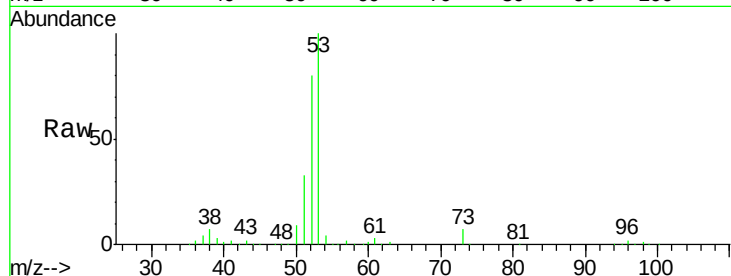
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	339418
Ion	Ratio	Lower	Upper
53	100		
52	80.0	64.8	97.2
51	34.3	27.7	41.5

Manual Integrations
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#16

Acetone

Concen: 75.127 ug/l

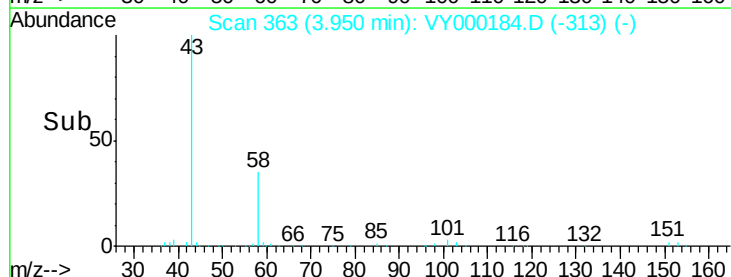
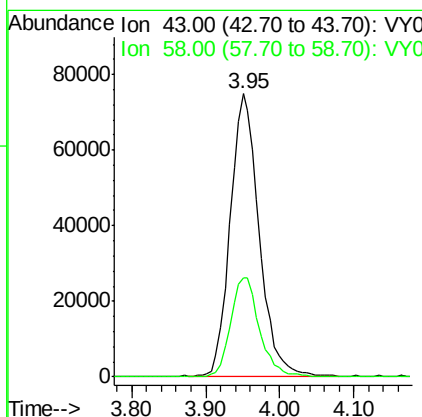
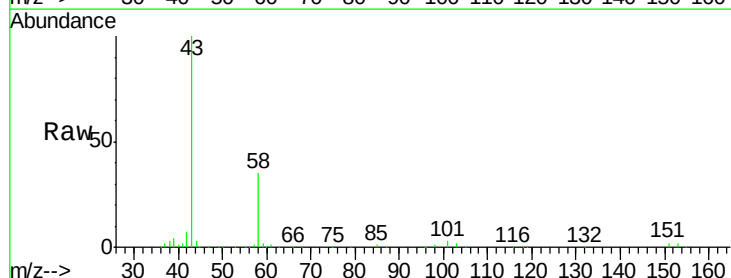
RT: 3.95 min Scan# 363

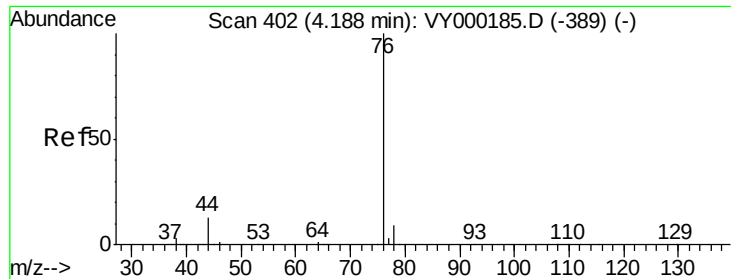
Delta R.T. 0.01 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Tgt Ion:	43	Resp:	202779
Ion	Ratio	Lower	Upper
43	100		
58	35.2	26.8	40.2





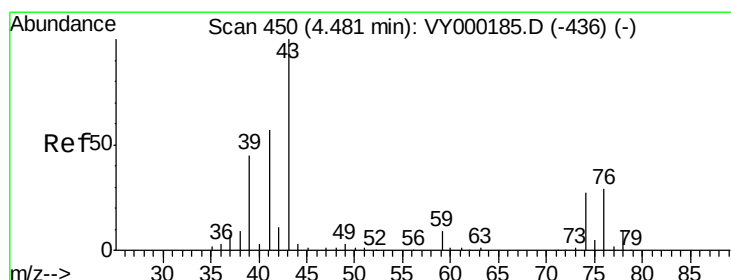
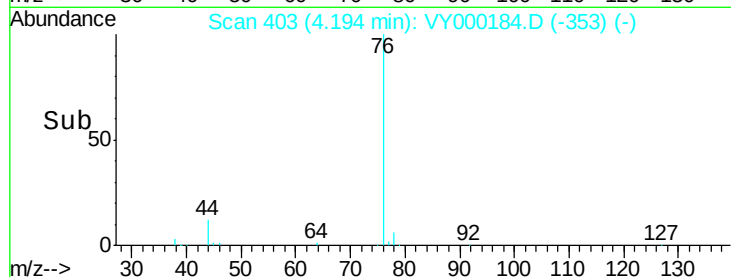
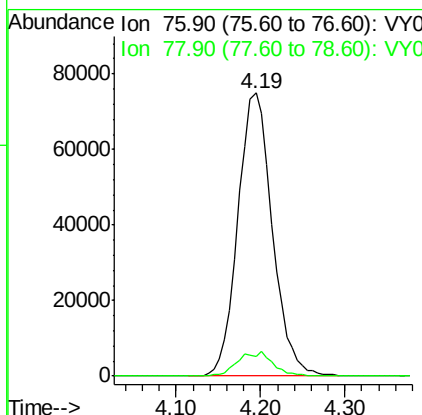
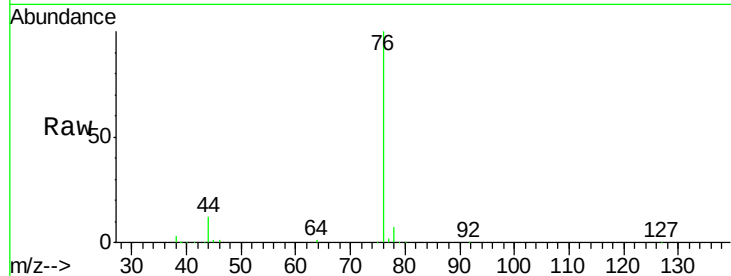
#17
Carbon Disulfide
Concen: 35.852 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.01 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 76 Resp: 207164
Ion Ratio Lower Upper
76 100
78 7.1 7.6 11.4#

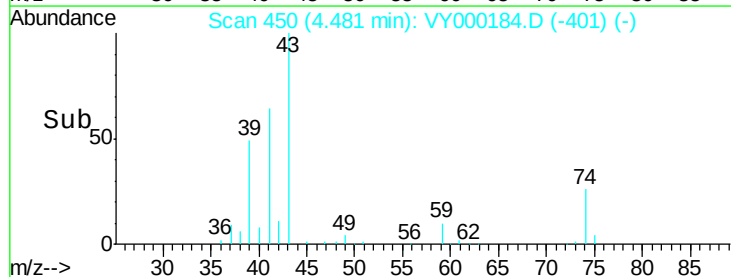
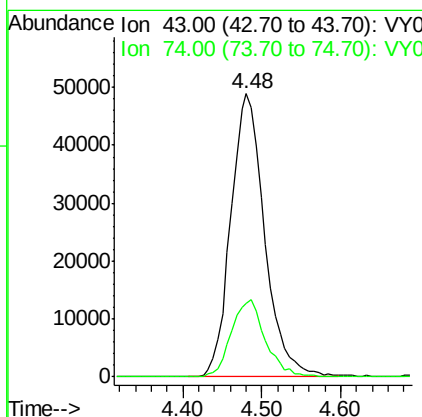
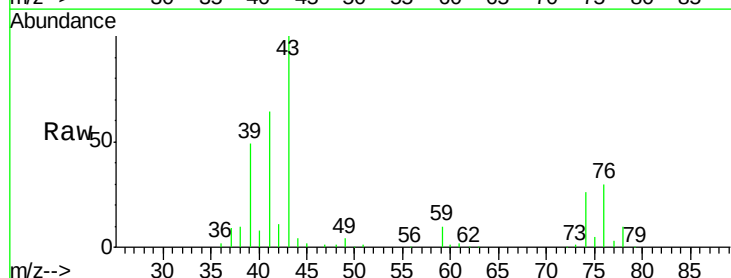
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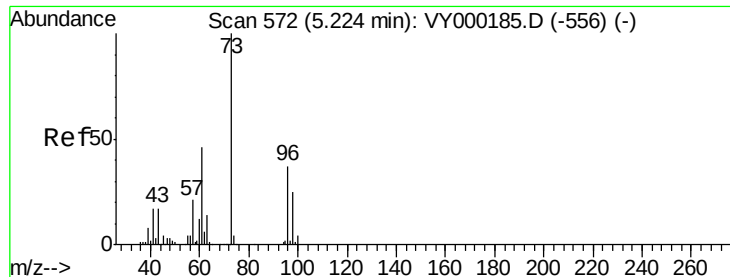
MMDadoda
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#18
Methyl Acetate
Concen: 19.391 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion: 43 Resp: 146195
Ion Ratio Lower Upper
43 100
74 27.4 22.3 33.5





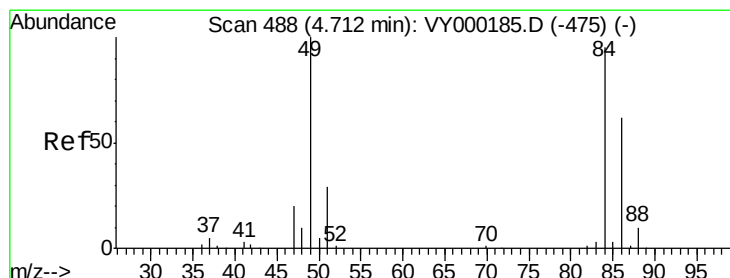
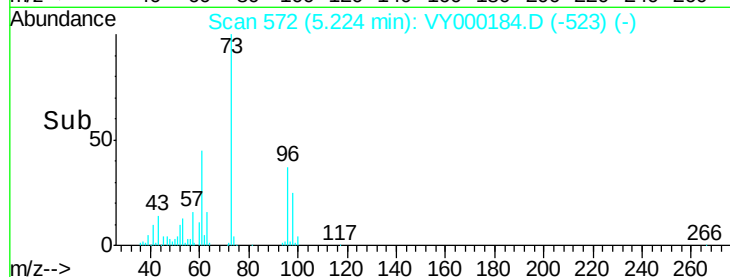
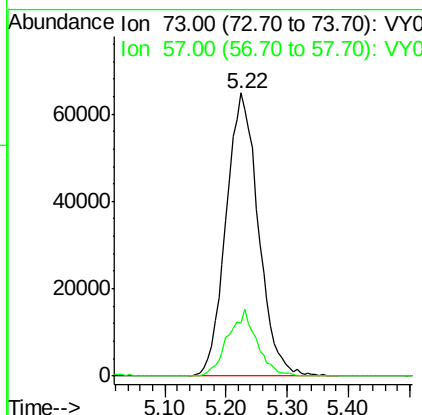
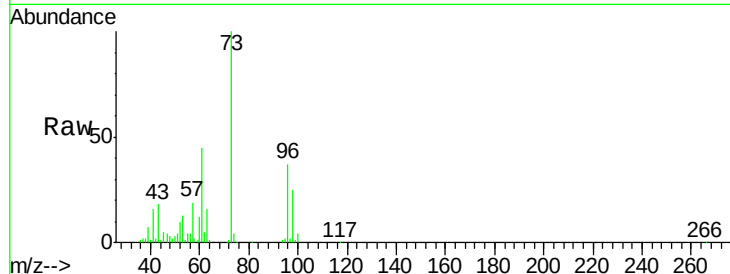
#19
Methyl tert-butyl Ether
Concen: 20.442 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.6	16.9	25.3

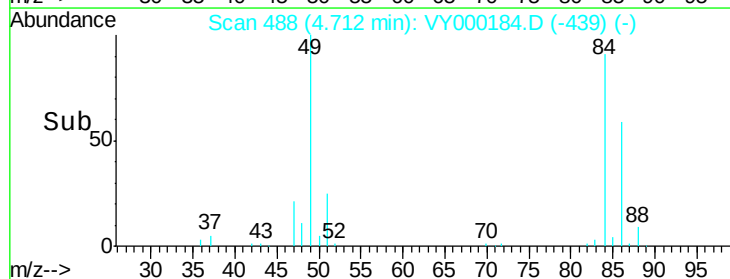
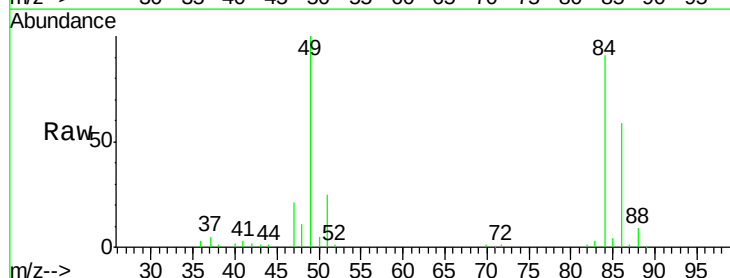
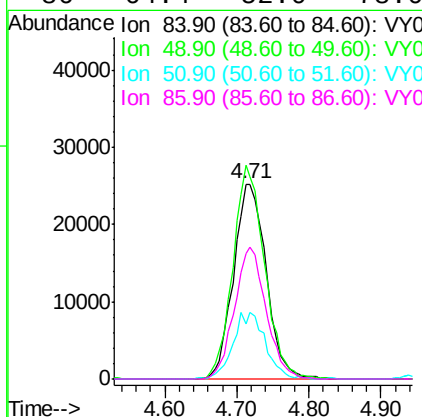
Manual Integrations
APPROVED

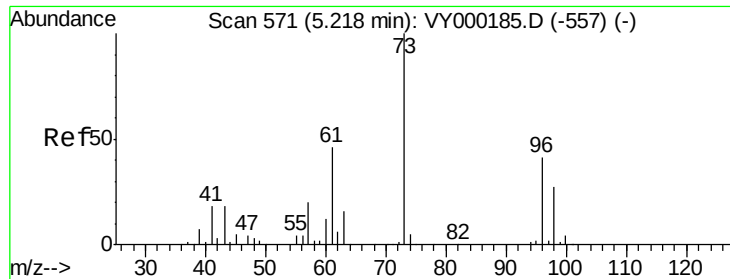
MMDadoda
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#20
Methylene Chloride
Concen: 22.508 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.7	84.2	126.4
51	28.0	24.6	37.0
86	64.4	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 25.628 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

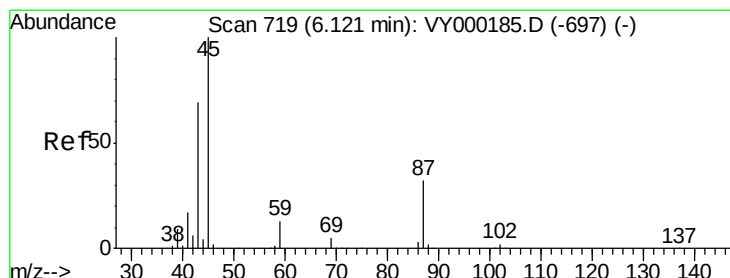
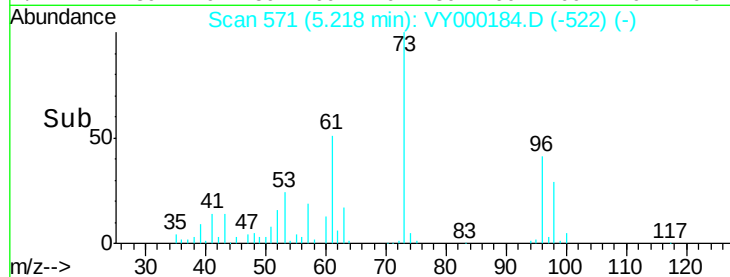
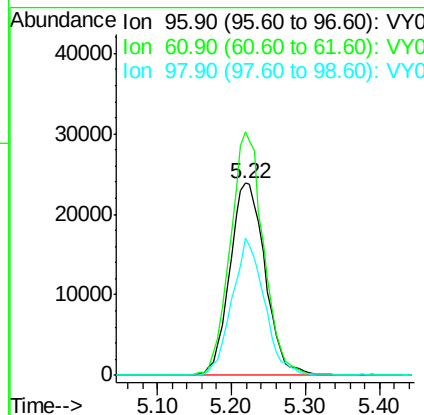
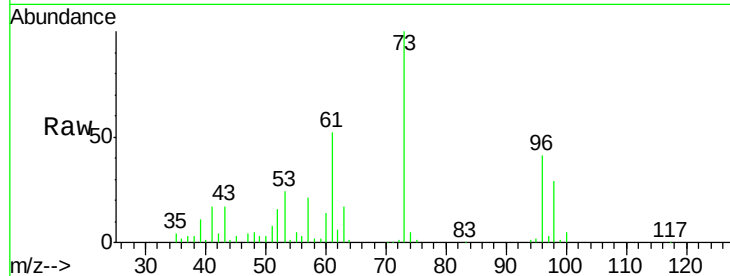
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	79288
Ion	Ratio	Lower	Upper
96	100		
61	126.7	91.4	137.0
98	71.7	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.747 ug/l

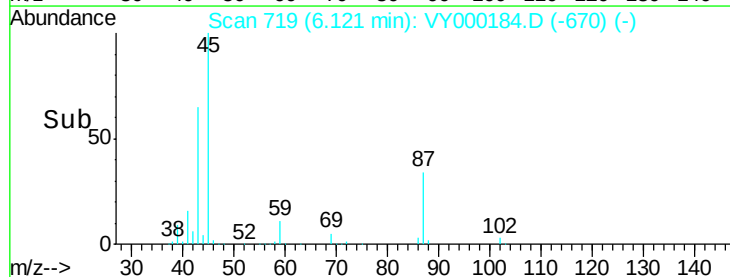
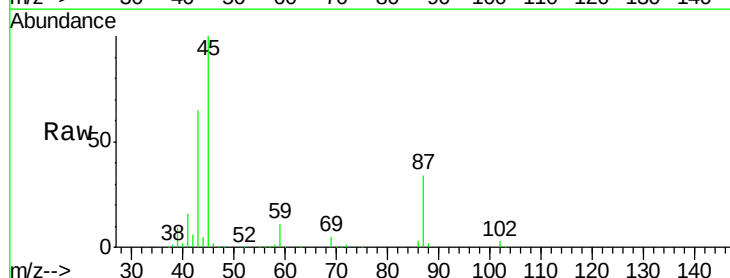
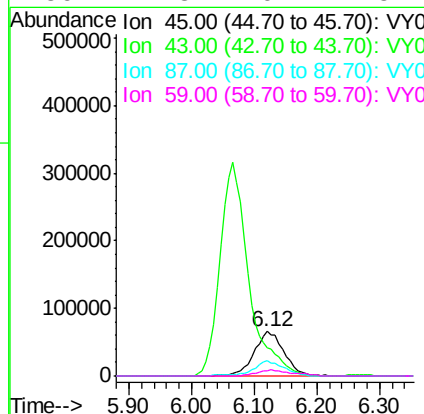
RT: 6.12 min Scan# 719

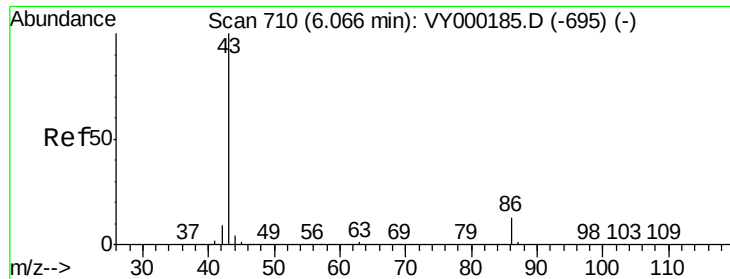
Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Tgt Ion:	45	Resp:	219917
Ion	Ratio	Lower	Upper
45	100		
43	64.3	55.4	83.0
87	34.0	25.8	38.8
59	11.3	10.1	15.1





#23

Vinyl Acetate

Concen: 110.328 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1005582

Ion Ratio Lower Upper

43 100

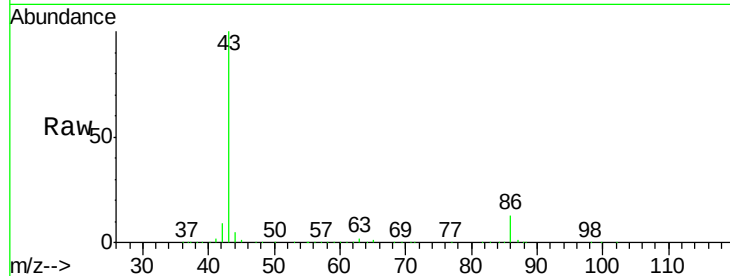
86 13.2 10.2 15.2

Manual Integrations

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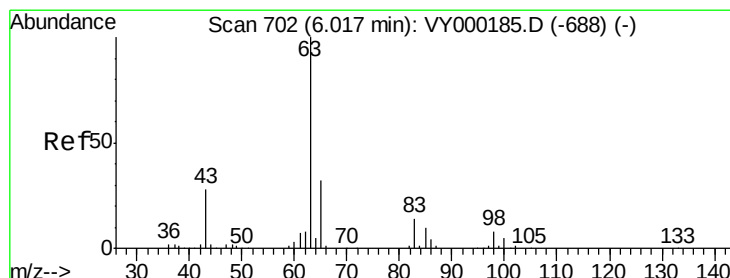
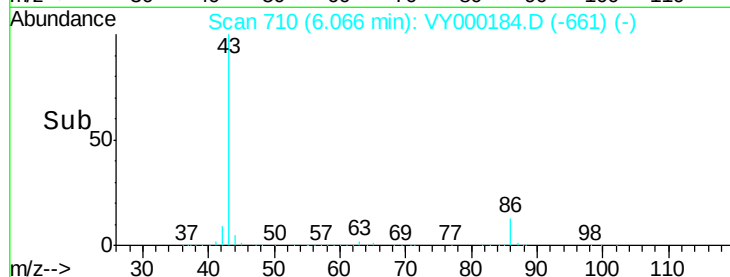
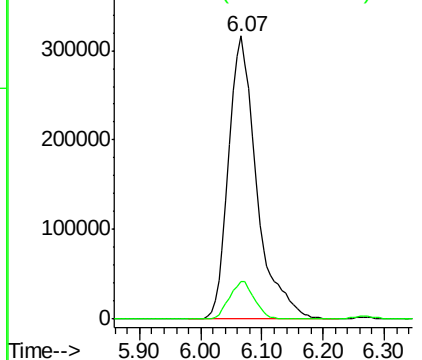
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.168 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

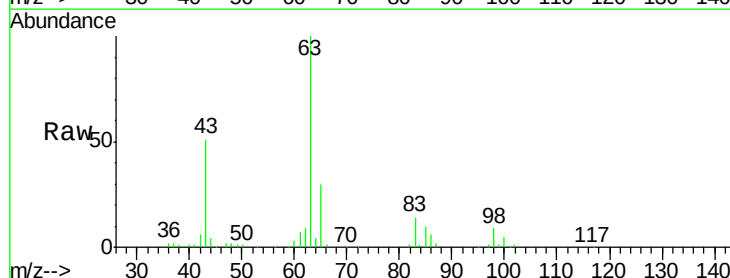
Tgt Ion: 63 Resp: 125727

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.5

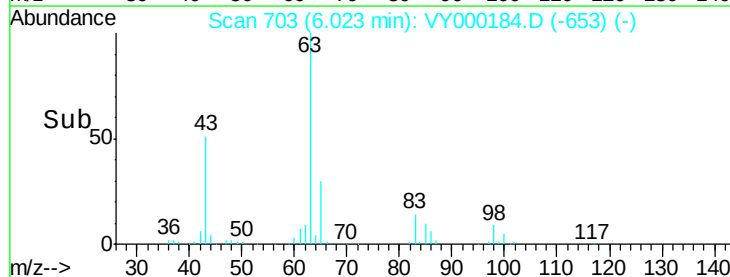
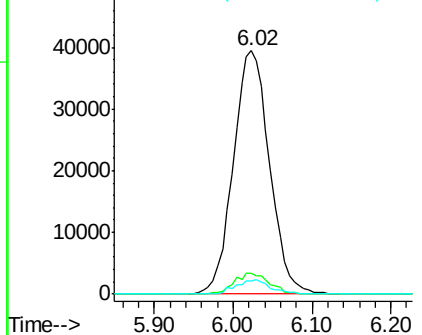
100 5.4 2.3 6.9

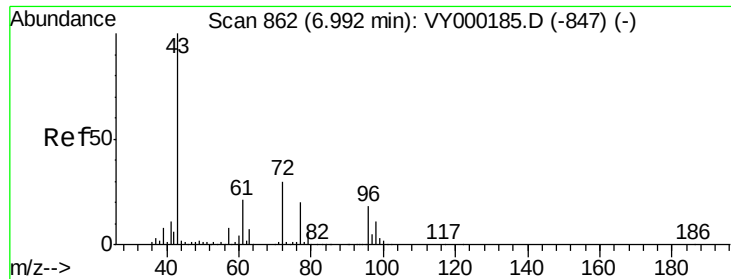


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 92.648 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 444594

Ion Ratio Lower Upper

43 100

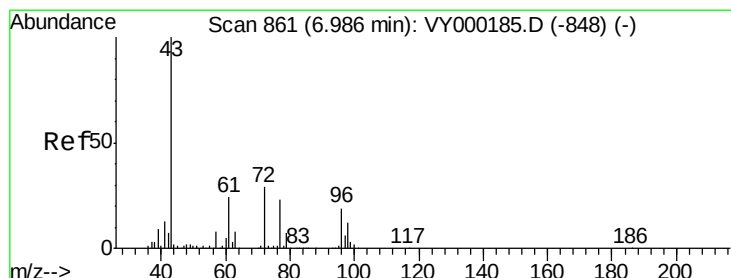
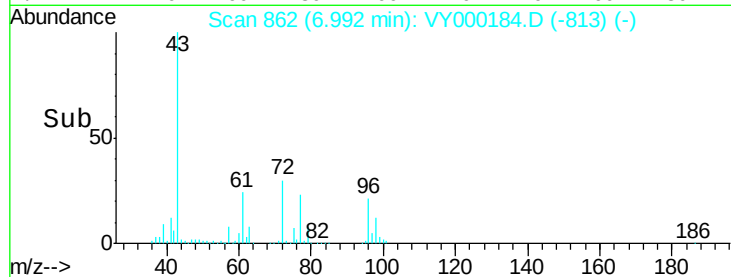
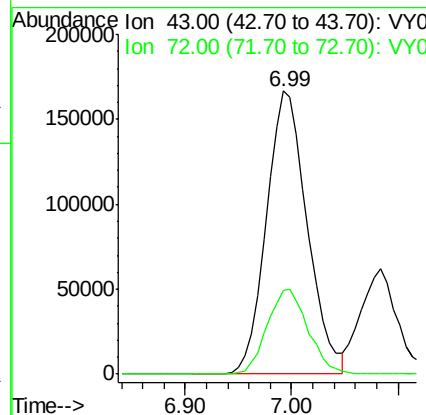
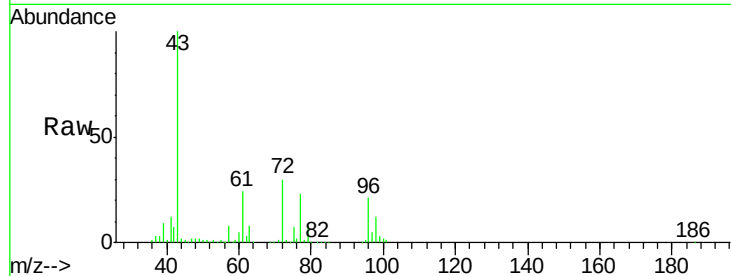
72 29.7 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.065 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY000184.D

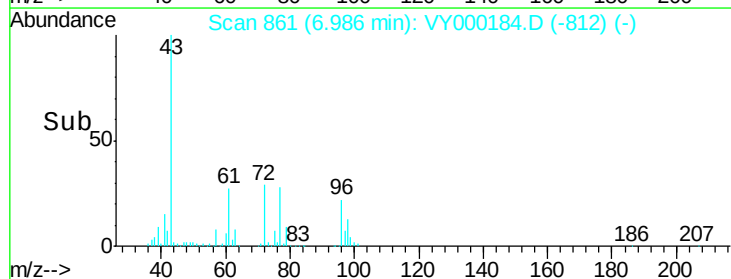
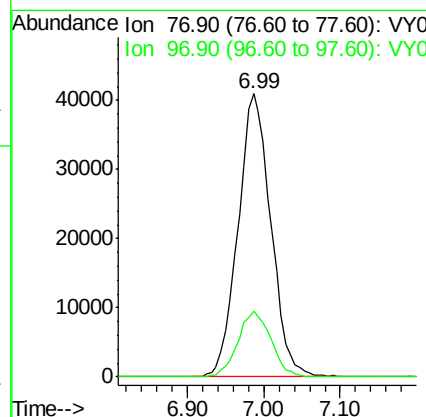
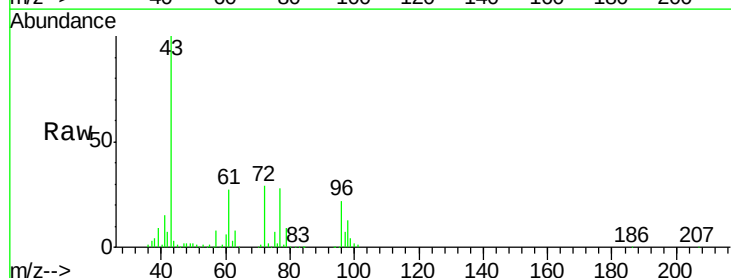
Acq: 03 Oct 2019 14:57

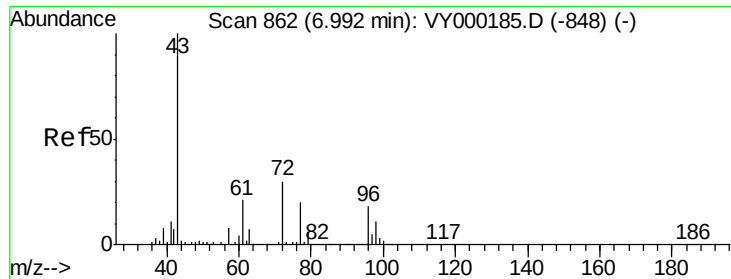
Tgt Ion: 77 Resp: 121732

Ion Ratio Lower Upper

77 100

97 23.4 12.3 36.9





#27

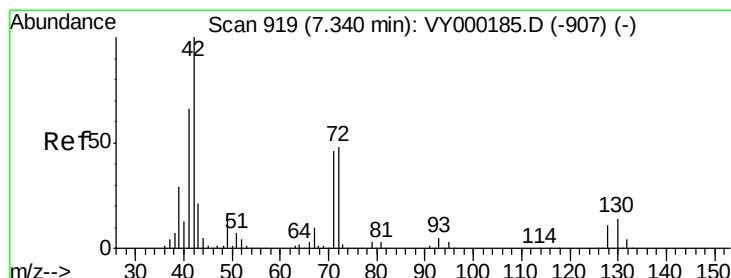
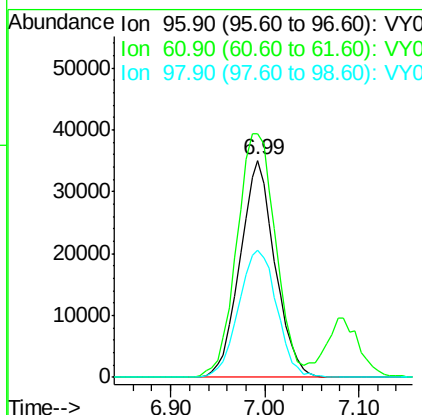
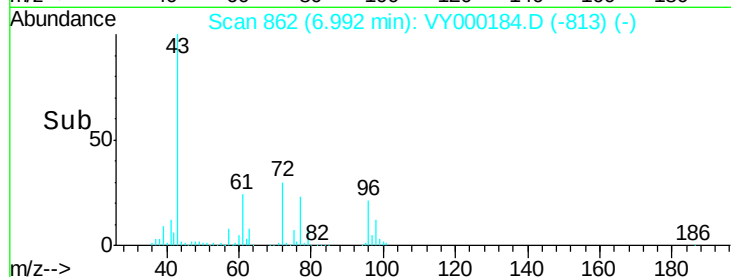
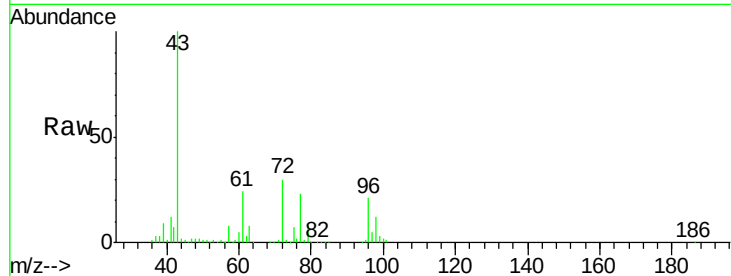
cis-1,2-Dichloroethene
Concen: 22.386 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	251.4
98	64.3	0.0	129.4

Manual Integrations
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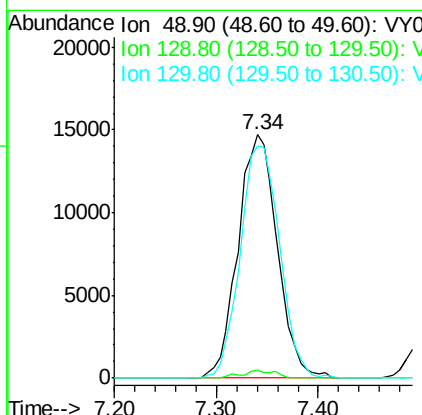
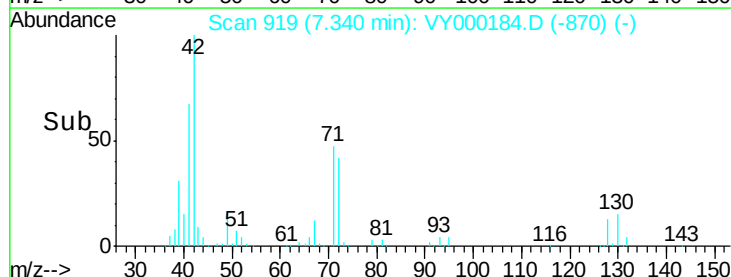
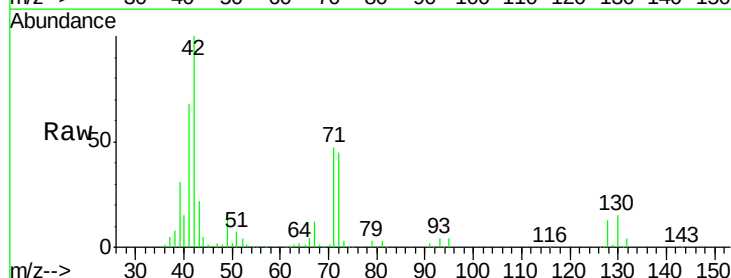
MMDadoda
10/7/2019 12:50:51 PM

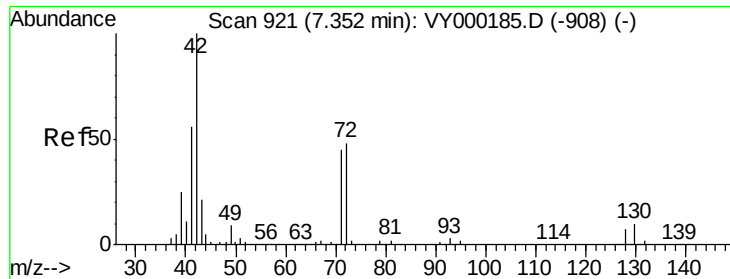


#28

Bromochloromethane
Concen: 17.596 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	96.4	74.2	111.4





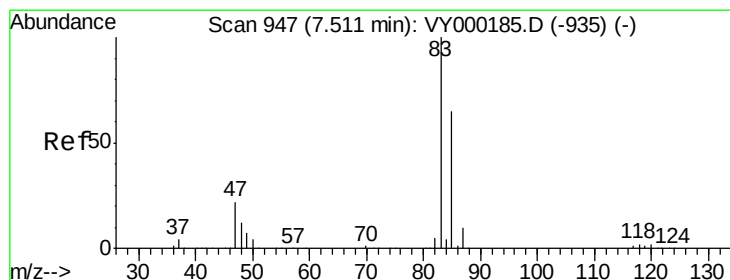
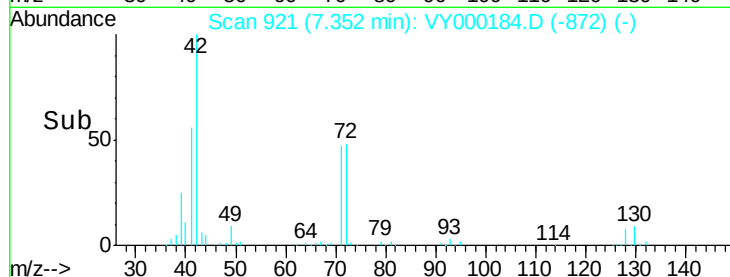
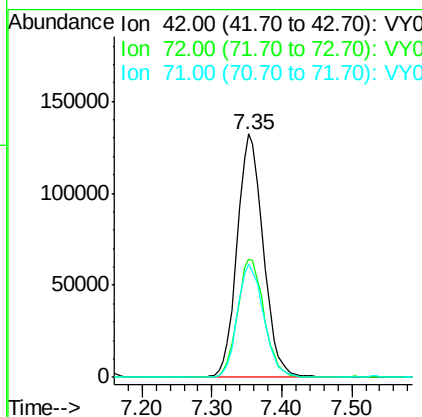
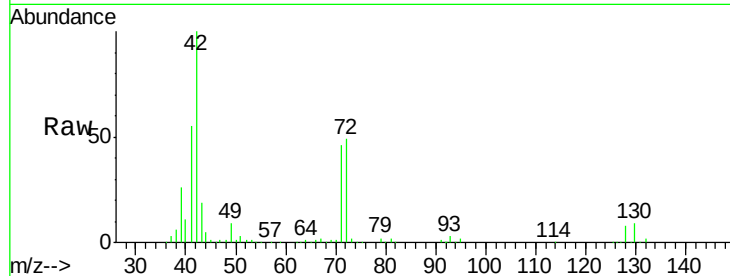
#29
Tetrahydrofuran
Concen: 107.369 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.3	58.9
71	46.6	36.7	55.1

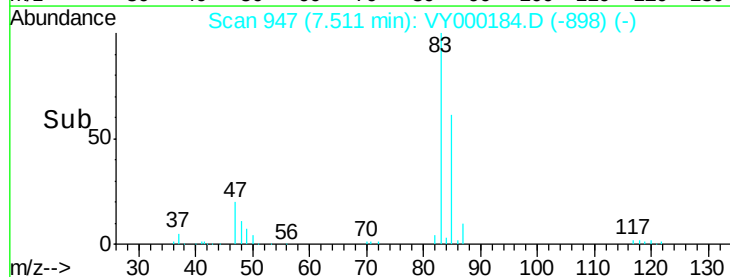
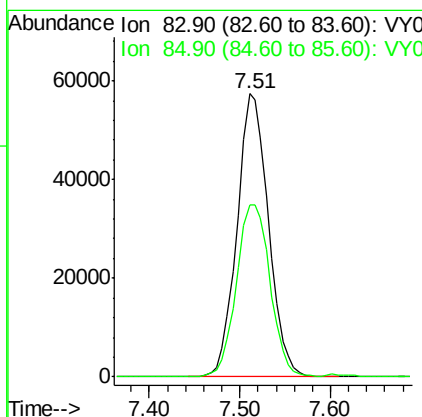
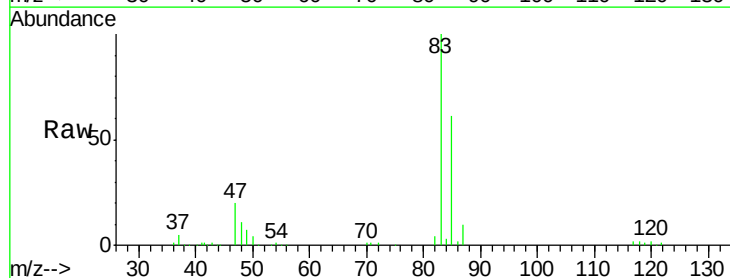
Manual Integrations
APPROVED

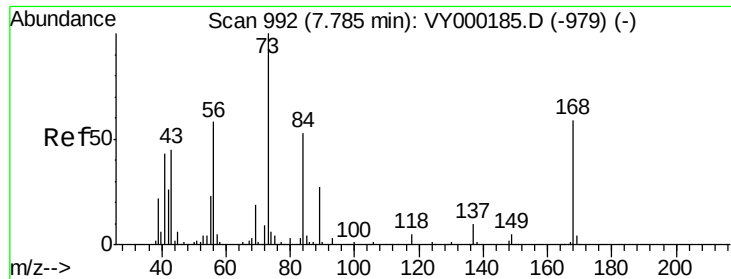
MMDadoda
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#30
Chloroform
Concen: 21.229 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	51.8	77.6





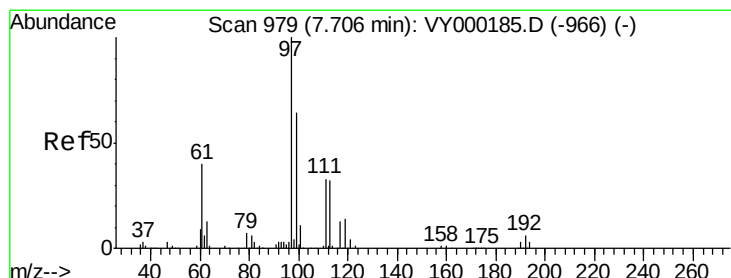
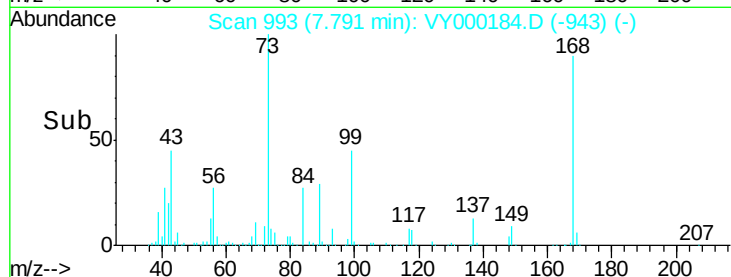
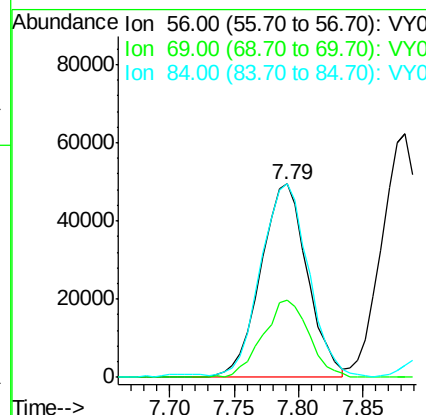
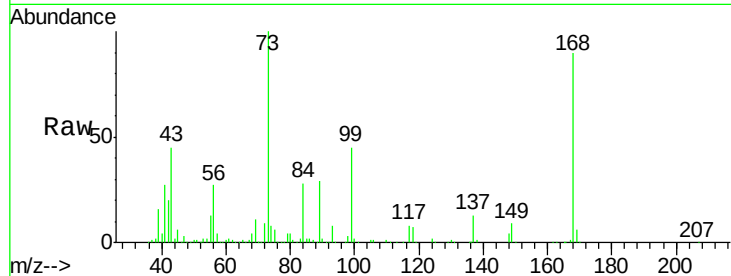
#31
Cyclohexane
Concen: 29.913 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.9	26.1	39.1#
84	98.7	73.8	110.6

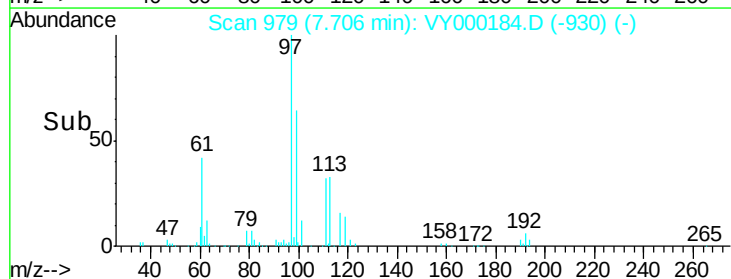
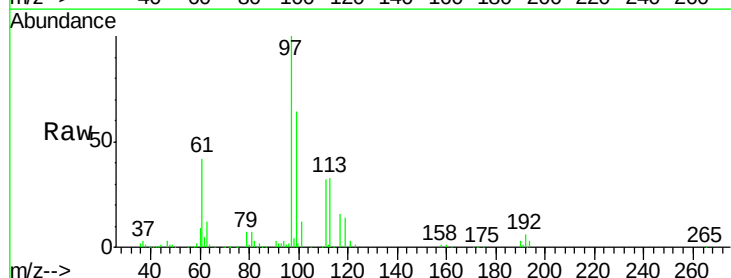
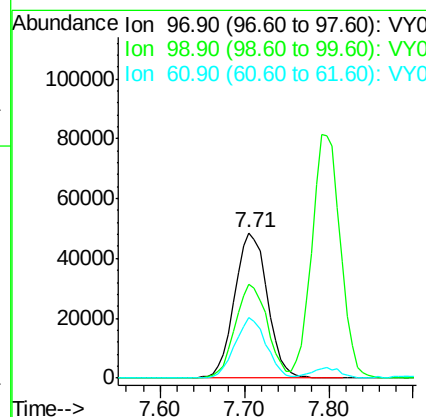
Manual Integrations
APPROVED

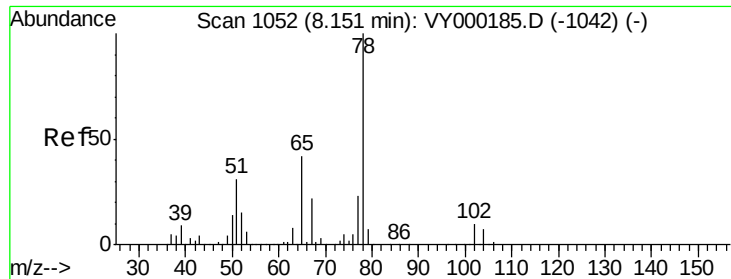
MMDadoda
10/7/2019 12:50:51 PM



#32
1,1,1-Trichloroethane
Concen: 23.047 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.8	77.8
61	40.0	31.2	46.8





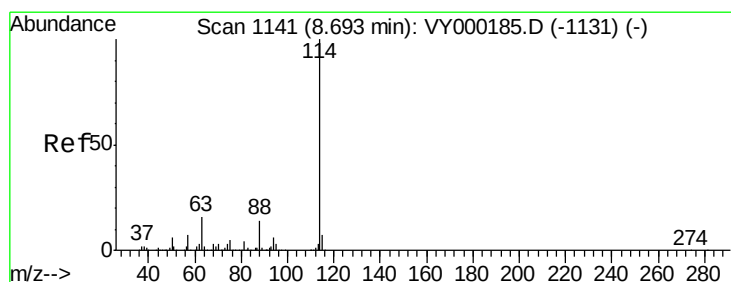
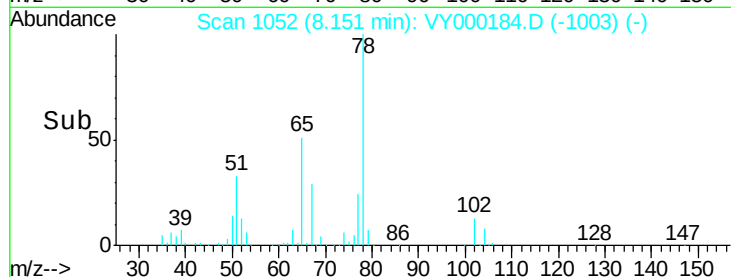
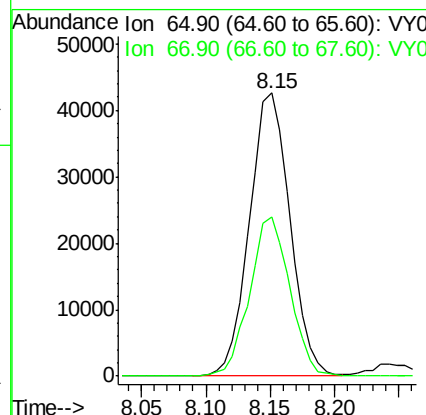
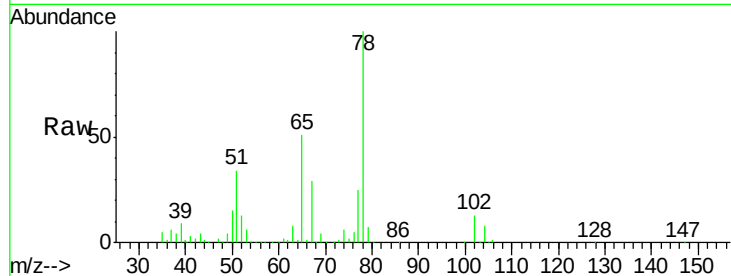
#33
 1,2-Dichloroethane-d4
 Concen: 21.939 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	92696		
67	55.6	0.0	104.6	

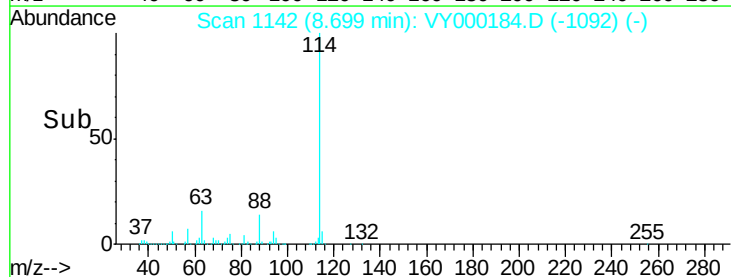
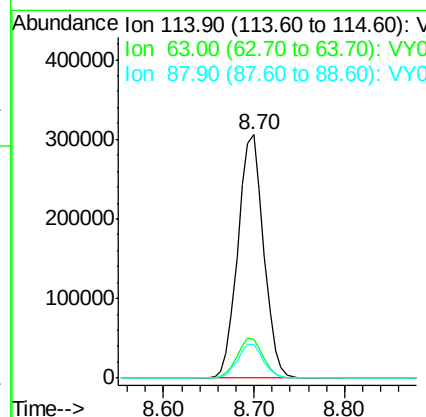
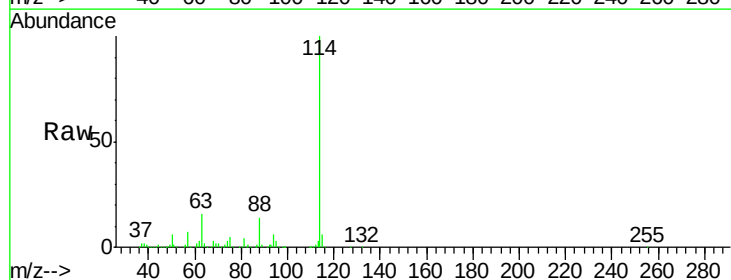
Manual Integrations
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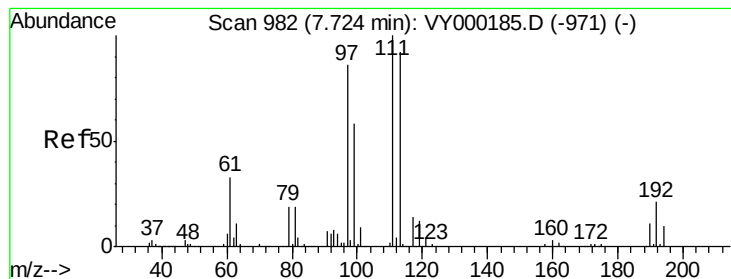
MMDadoda
 10/7/2019 12:50:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	600763		
63	15.7	0.0	33.0	
88	13.7	0.0	27.6	





#35

Dibromofluoromethane

Concen: 22.218 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:113 Resp: 82806

Ion Ratio Lower Upper

113 100

111 105.0 83.6 125.4

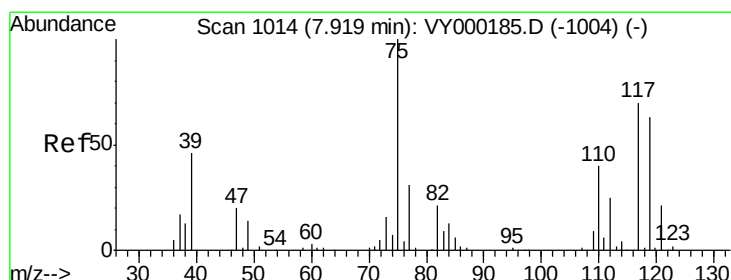
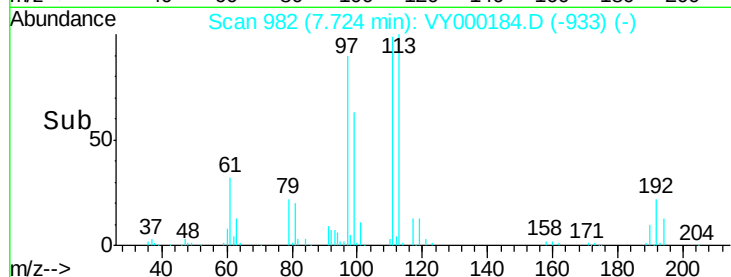
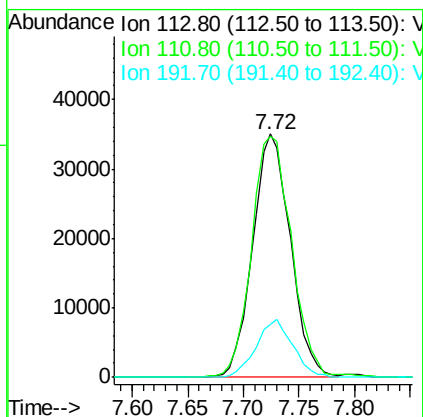
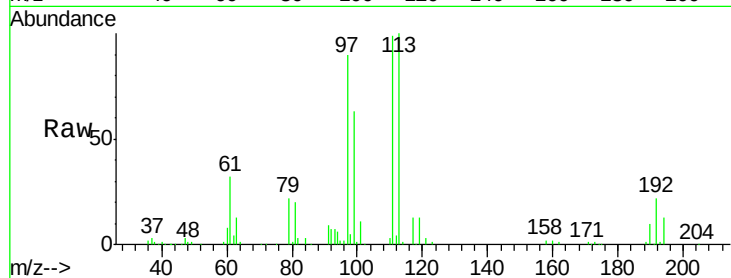
192 23.0 18.4 27.6

Manual Integrations

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MMDadoda

10/7/2019 12:50:51 PM



#36

1,1-Dichloropropene

Concen: 26.740 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

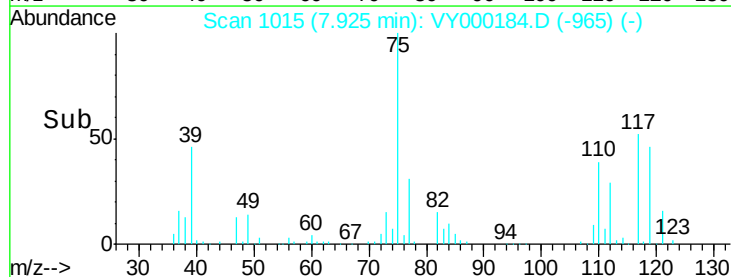
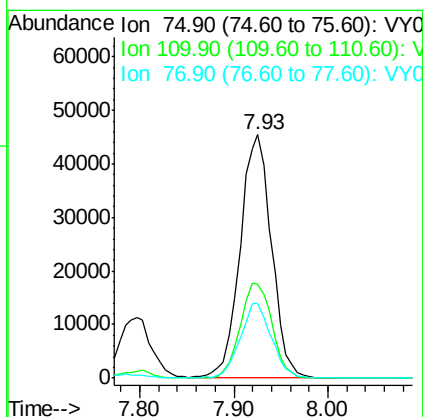
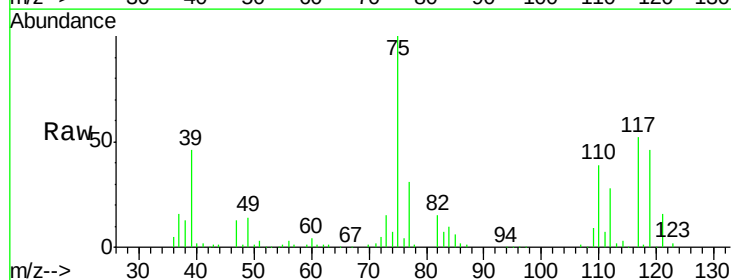
Tgt Ion: 75 Resp: 105210

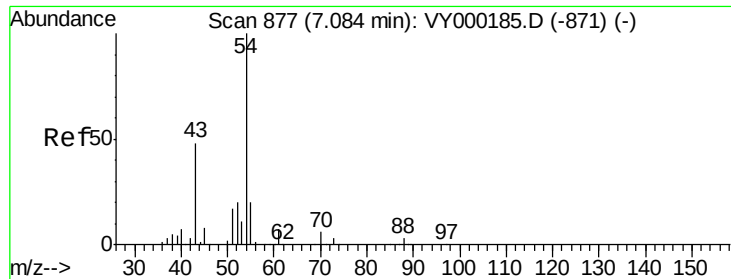
Ion Ratio Lower Upper

75 100

110 39.8 20.4 61.2

77 30.7 24.8 37.2





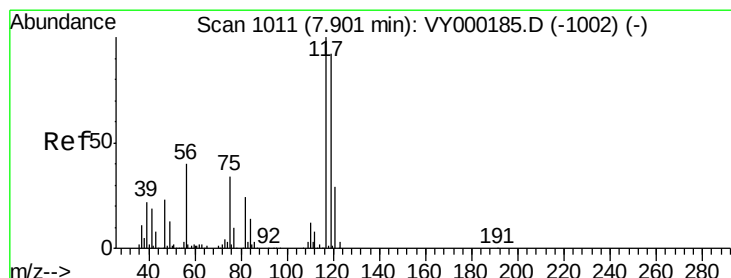
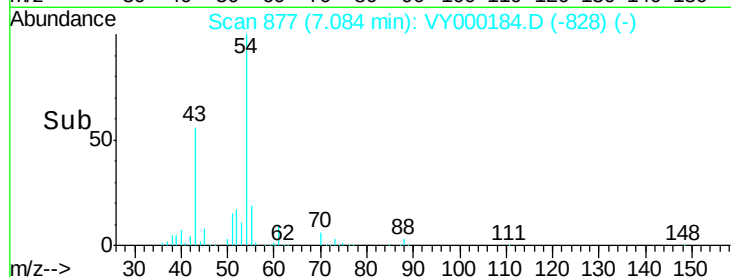
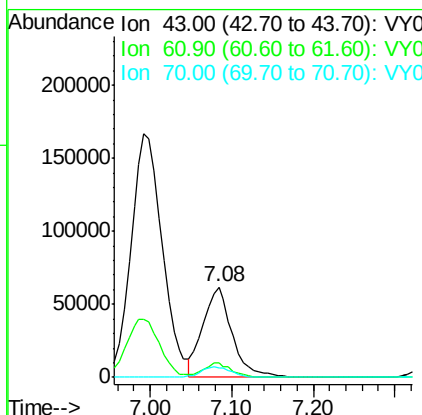
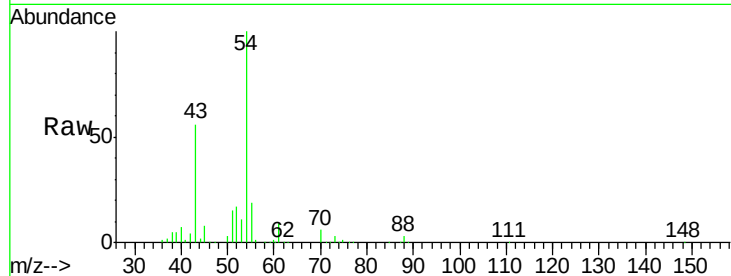
#37
Ethyl Acetate
Concen: 21.081 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	43	61	70
Resp	155044		
Ratio	100	15.5	12.2
Lower		11.8	9.4
Upper		17.6	14.2

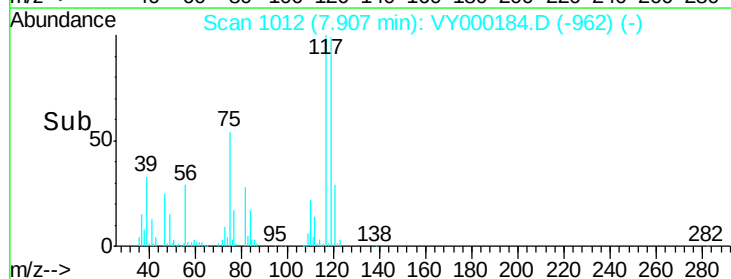
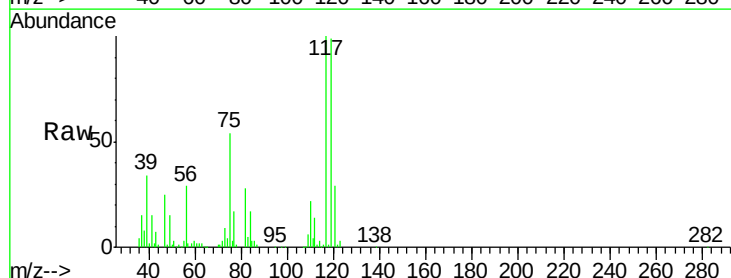
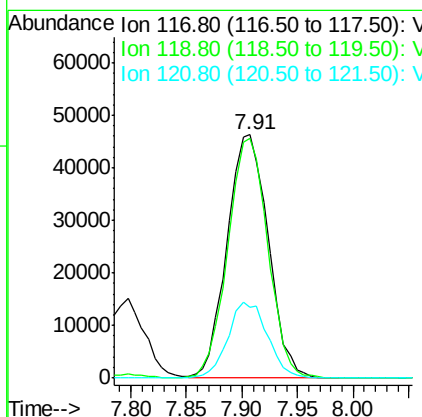
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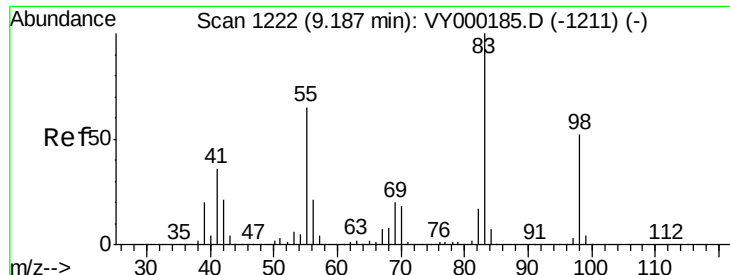
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#38
Carbon Tetrachloride
Concen: 24.670 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	117	119	121
Resp	118999		
Ratio	100	98.7	29.0
Lower		73.4	23.2
Upper		110.2	34.8





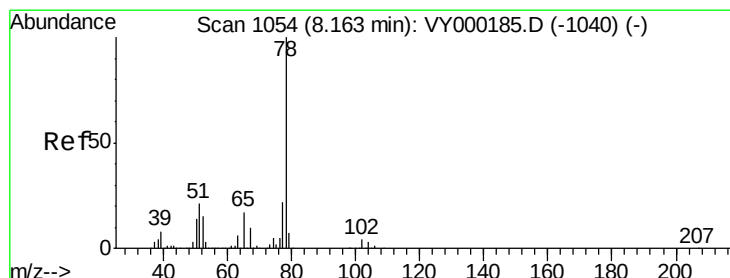
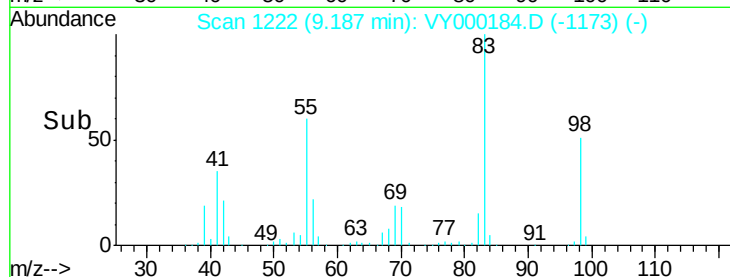
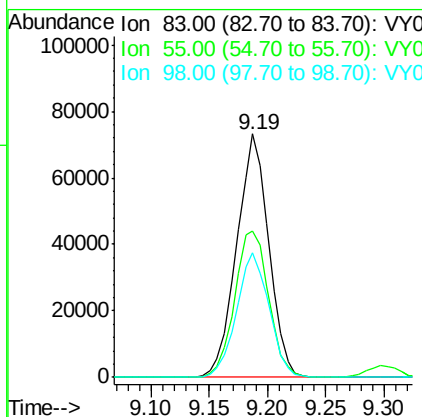
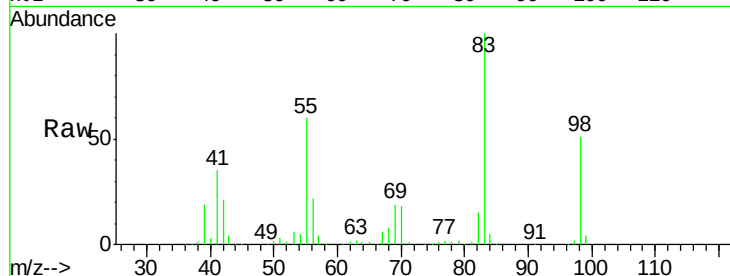
#39
Methylvlcyclohexane
Concen: 30.317 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	140770
Ion Ratio	100	Lower	Upper
83	100		
55	60.0	52.4	78.6
98	51.3	41.7	62.5

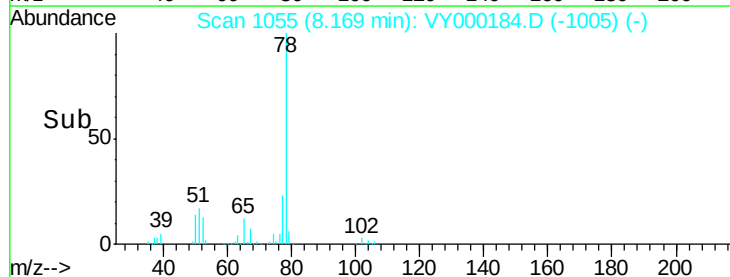
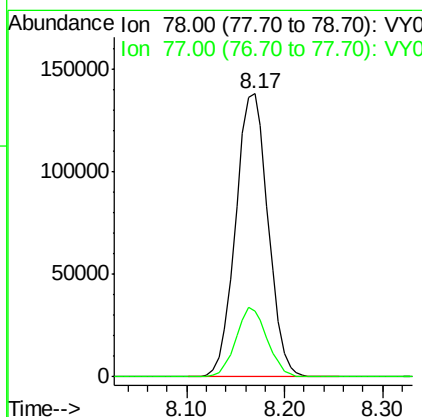
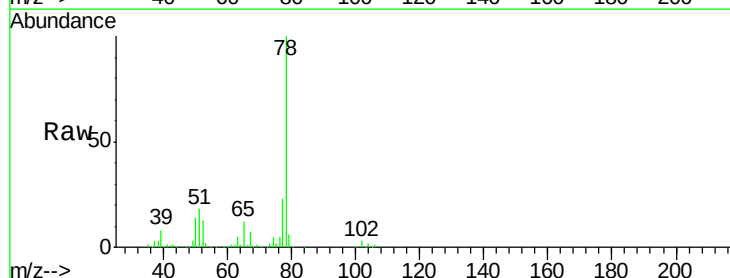
Manual Integrations
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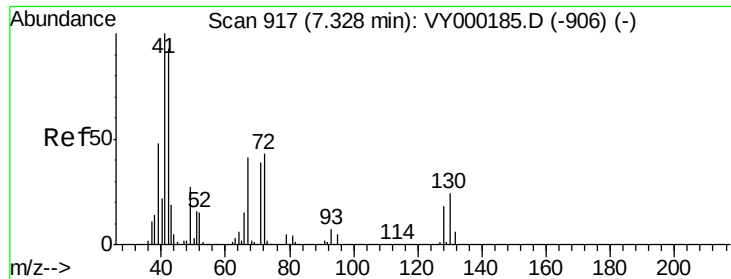
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#40
Benzene
Concen: 24.289 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	78	Resp	316921
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	17.5	26.3





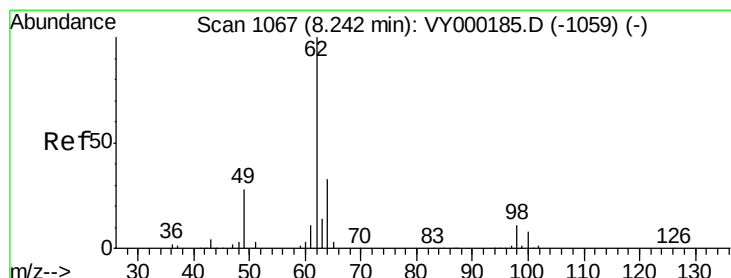
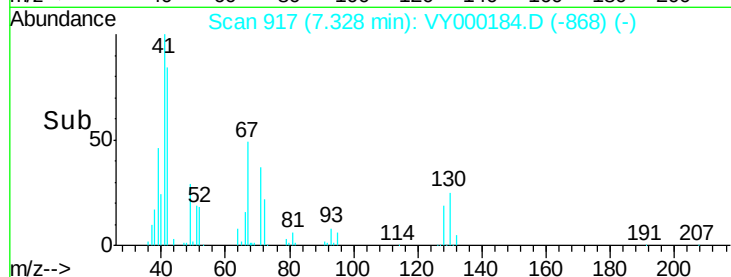
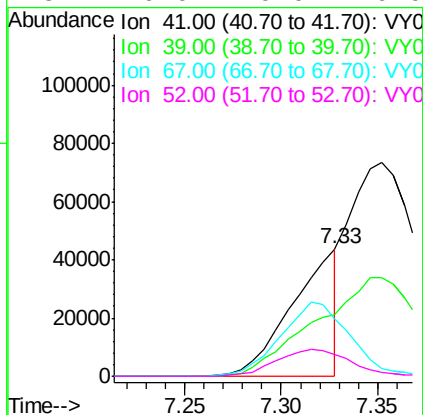
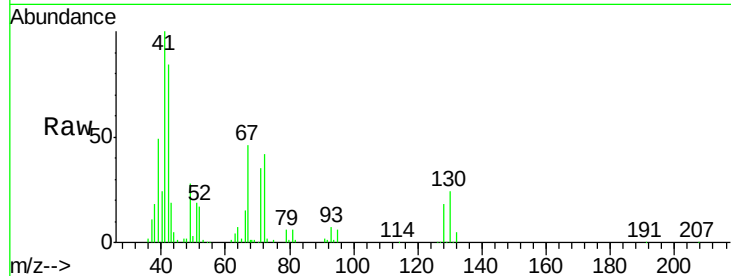
#41
Methacrylonitrile
Concen: 21.165 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	73799
Ion	Ratio	Lower	Upper
41	100		
39	170.9	125.4	188.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

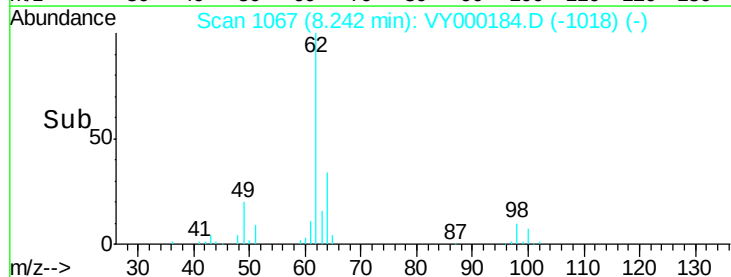
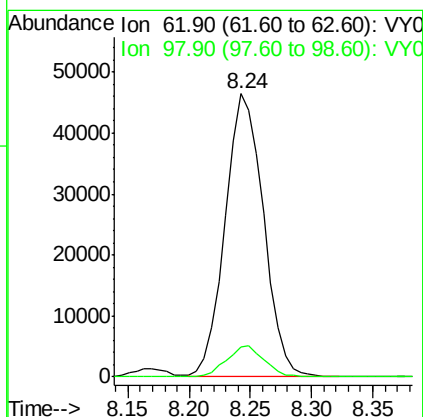
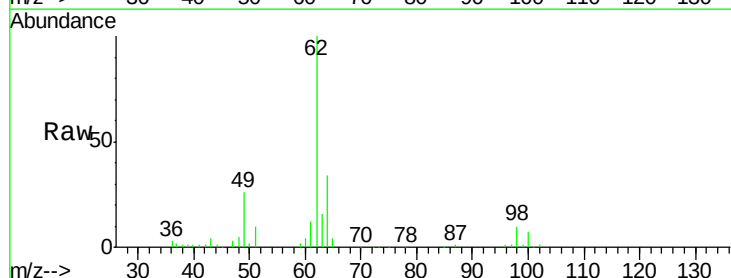
Manual Integrations
APPROVED

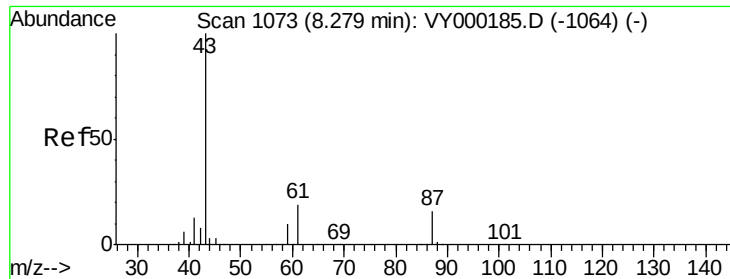
MMDadoda
10/7/2019 12:50:51 PM



#42
1,2-Dichloroethane
Concen: 22.302 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion:	62	Resp:	101176
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8





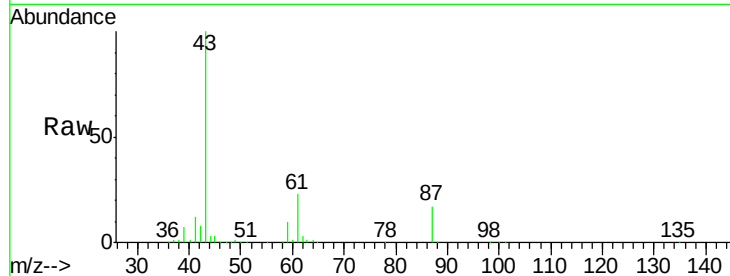
#43
Isopropyl Acetate
Concen: 21.362 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

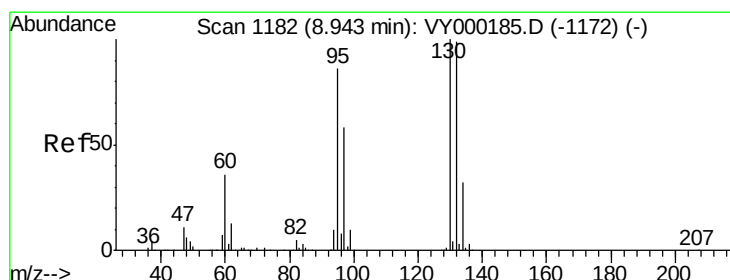
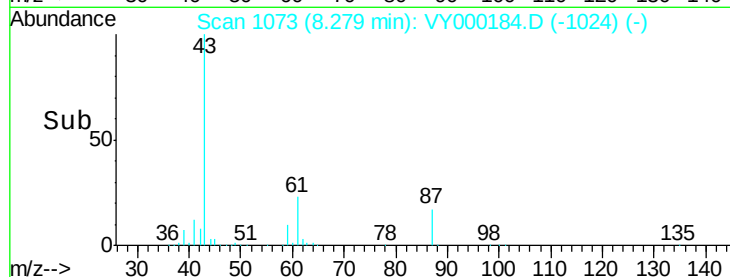
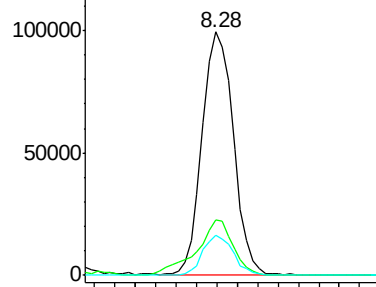
Tot Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.4	32.2
87	16.0	12.6	19.0

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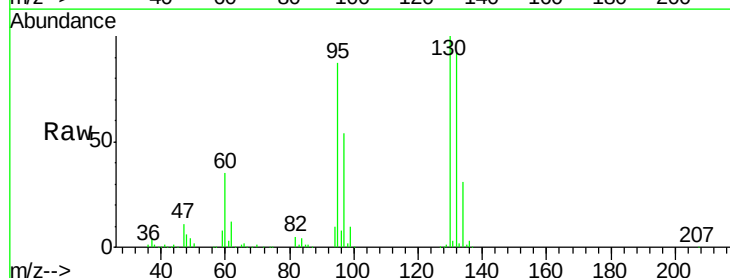


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

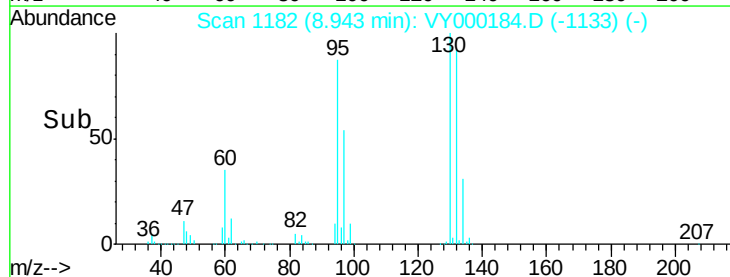
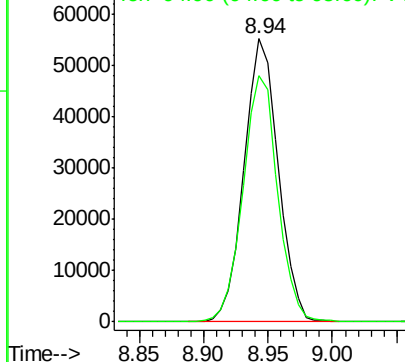


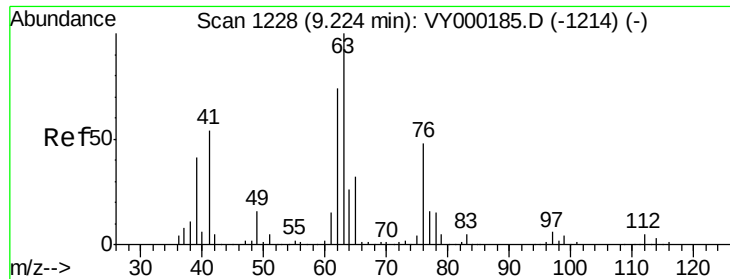
#44
Trichloroethene
Concen: 24.751 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.1	0.0	171.6



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





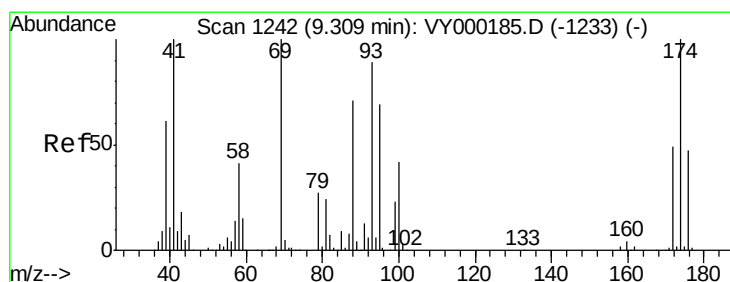
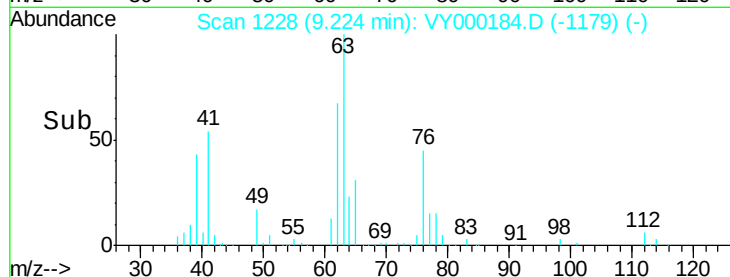
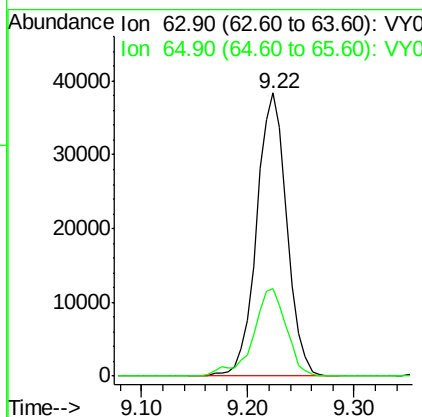
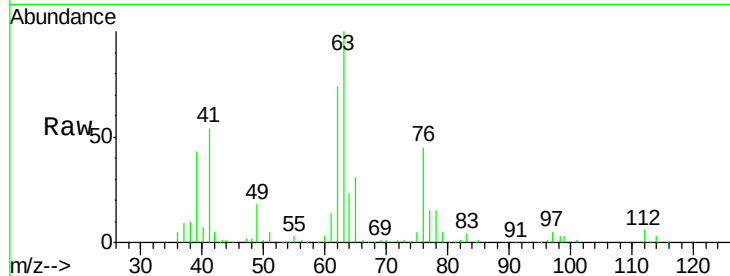
#45
 1,2-Dichloropropane
 Concen: 22.783 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 76241
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.7 38.5

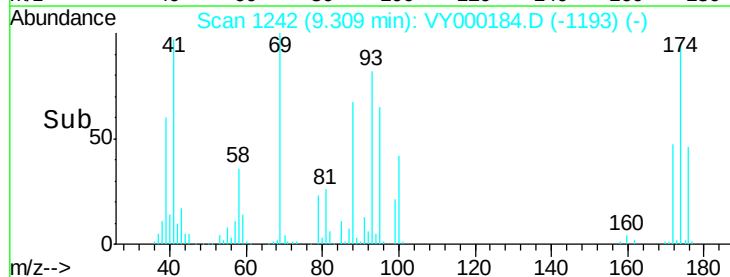
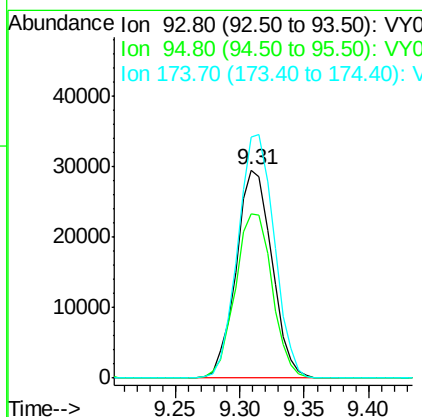
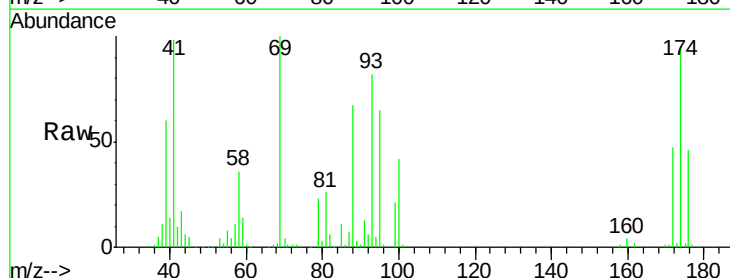
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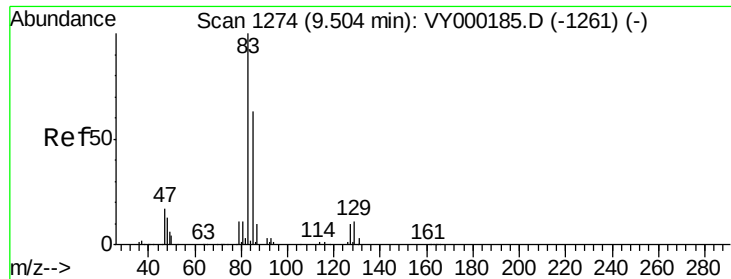
MMDadoda
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#46
 Dibromomethane
 Concen: 22.822 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion: 93 Resp: 56844
 Ion Ratio Lower Upper
 93 100
 95 81.7 64.4 96.6
 174 118.8 95.1 142.7





#47

Bromodichloromethane

Concen: 21.222 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

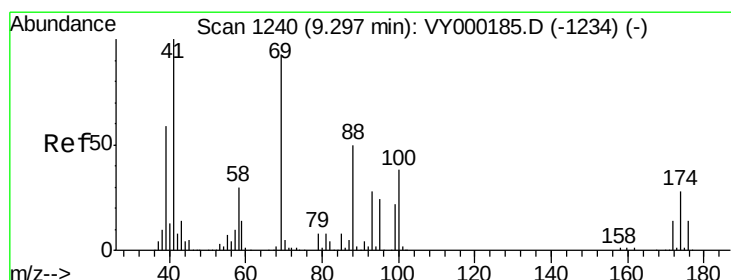
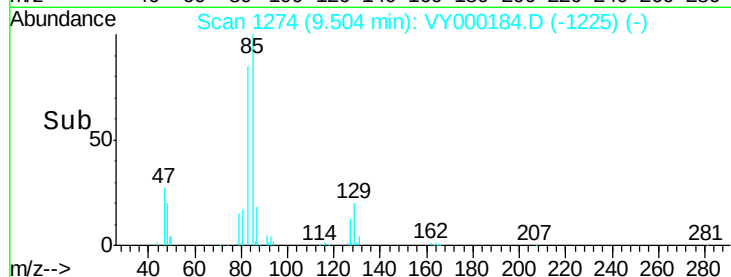
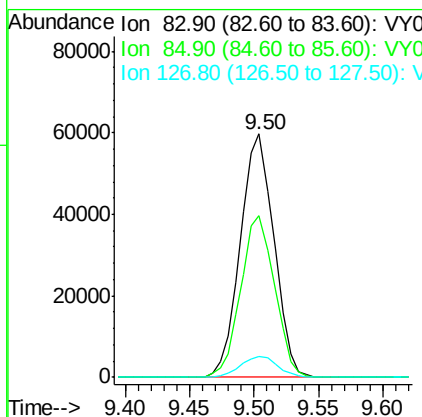
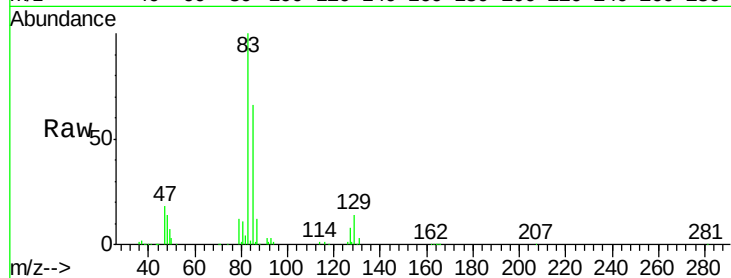
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	107981
Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.6	76.0
127	8.4	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.000 ug/l

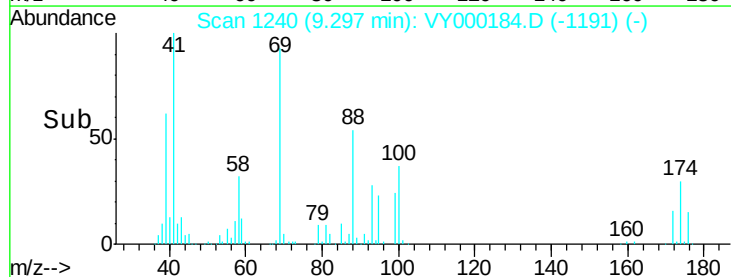
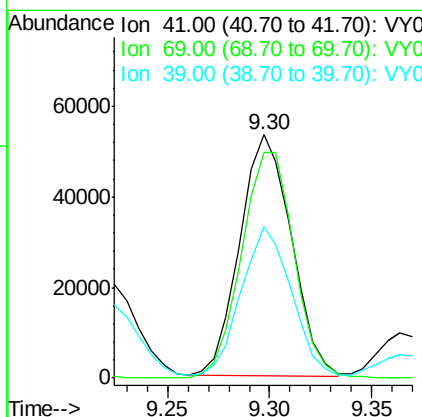
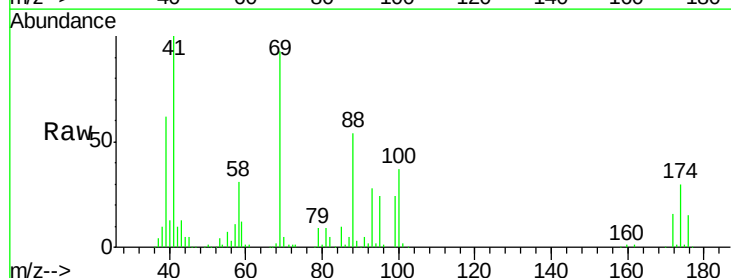
RT: 9.30 min Scan# 1240

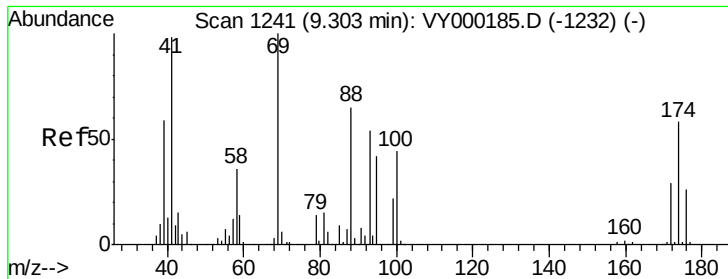
Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Tgt Ion:	41	Resp:	92794
Ion	Ratio	Lower	Upper
41	100		
69	96.8	76.5	114.7
39	62.7	49.2	73.8





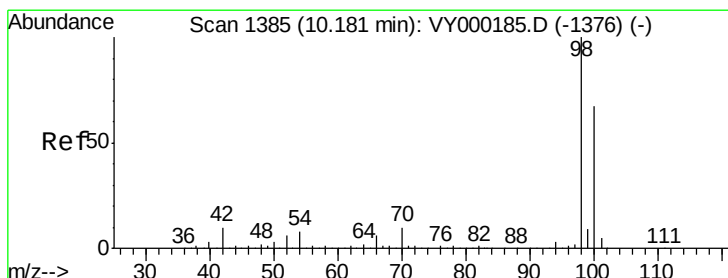
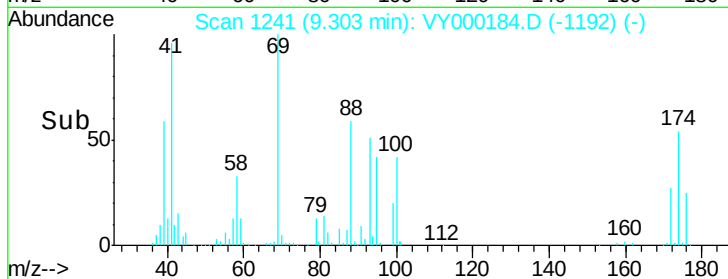
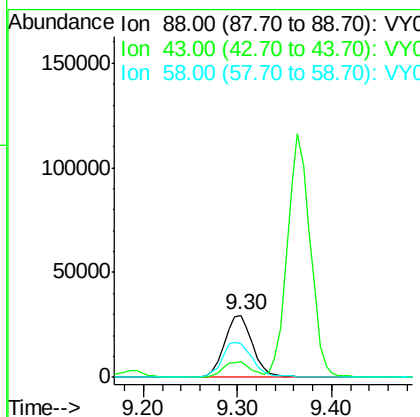
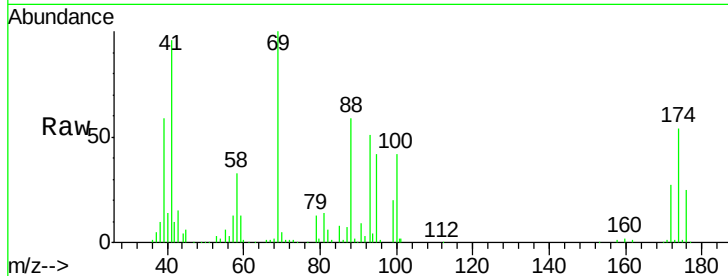
#49
1,4-Dioxane
Concen: 444.435 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	88	Resp	61222
Ion	Ratio	Lower	Upper
88	100		
43	25.5	20.4	30.6
58	61.6	49.0	73.4

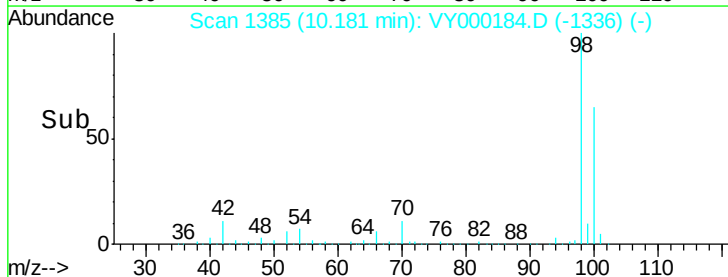
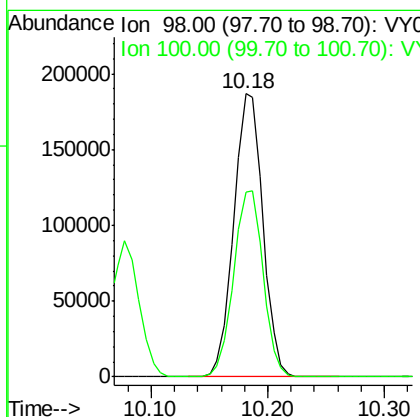
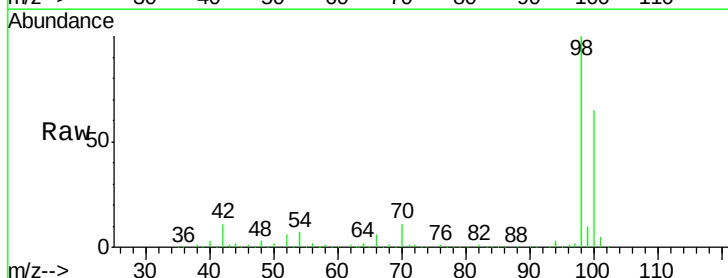
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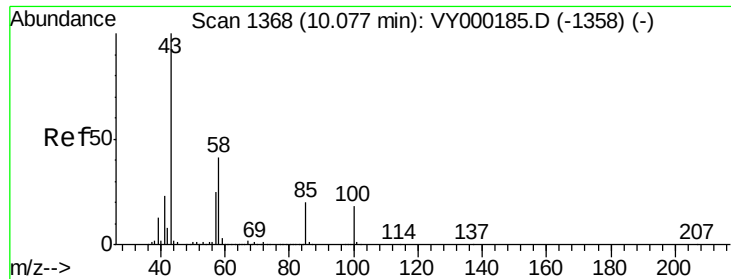
MMDadoda
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#50
Toluene-d8
Concen: 22.925 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	98	Resp	325683
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.9	80.9





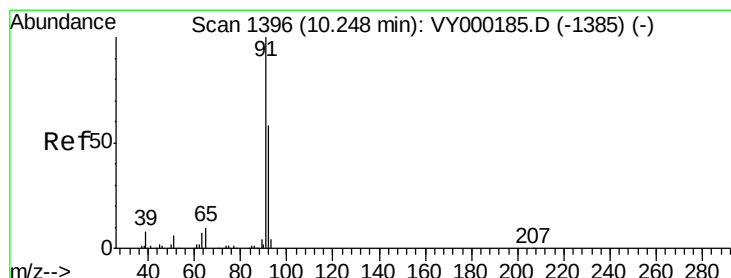
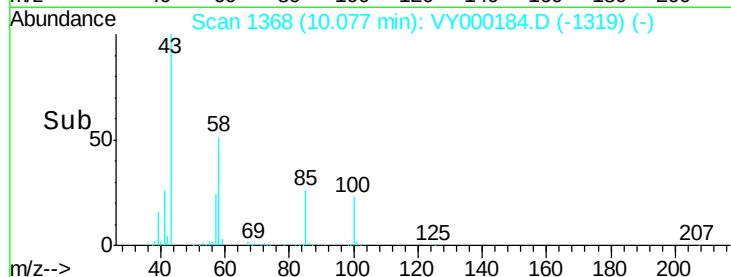
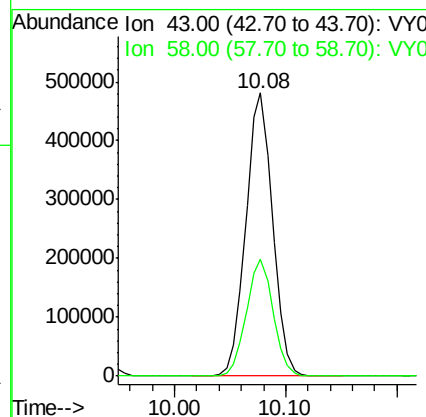
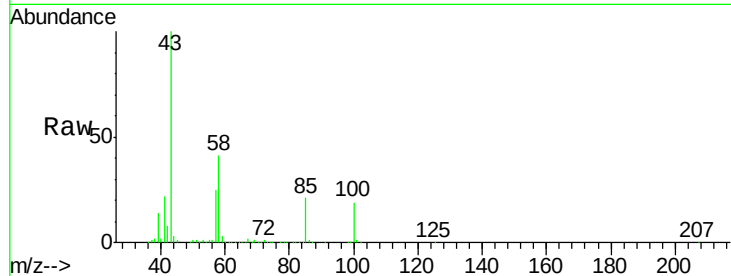
#51
4-Methyl-2-Pentanone
Concen: 102.556 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 801955
Ion Ratio Lower Upper
43 100
58 41.3 32.6 49.0

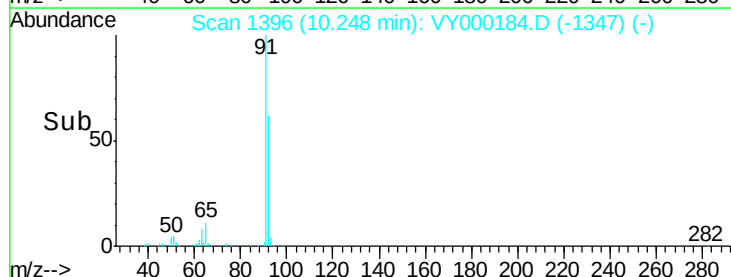
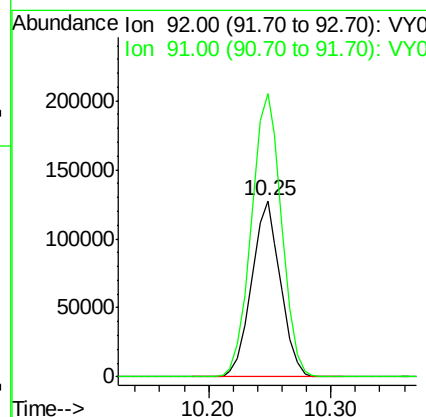
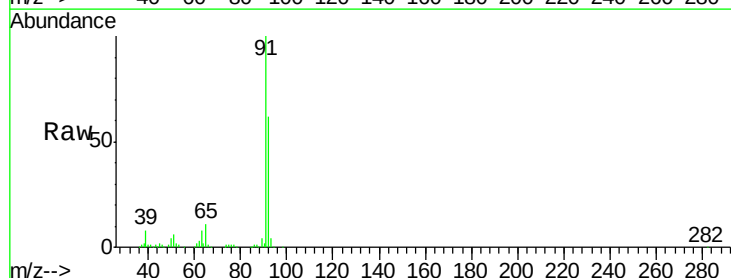
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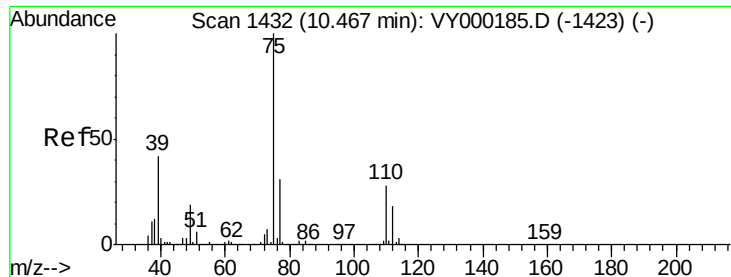
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#52
Toluene
Concen: 24.121 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion: 92 Resp: 208161
Ion Ratio Lower Upper
92 100
91 168.5 136.9 205.3





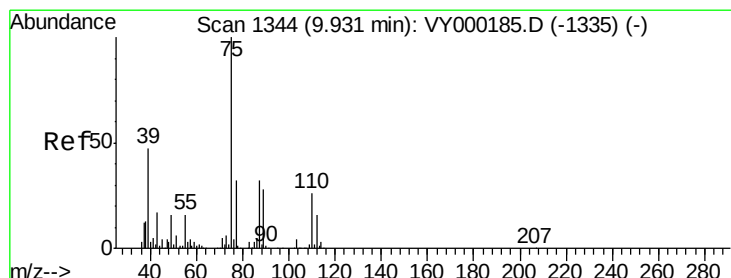
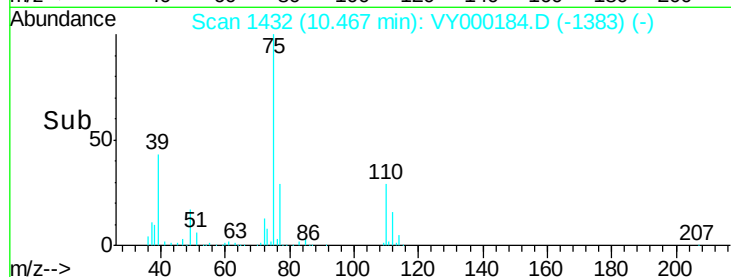
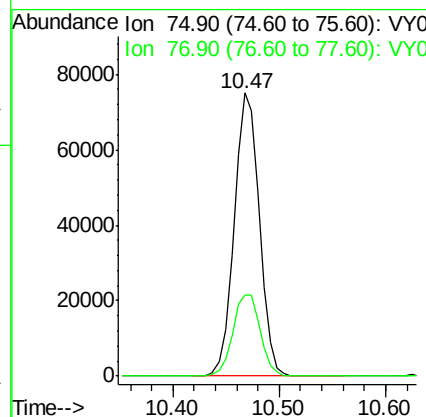
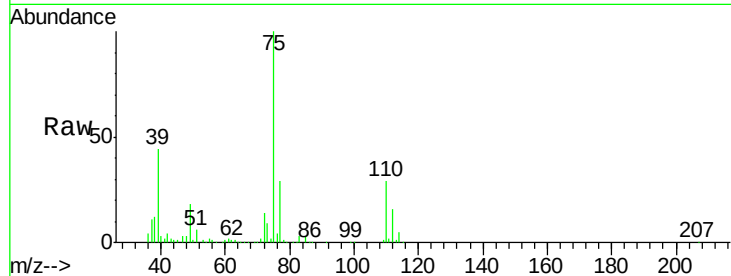
#53
 t-1,3-Dichloropropene
 Concen: 22.191 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.6	24.8	37.2

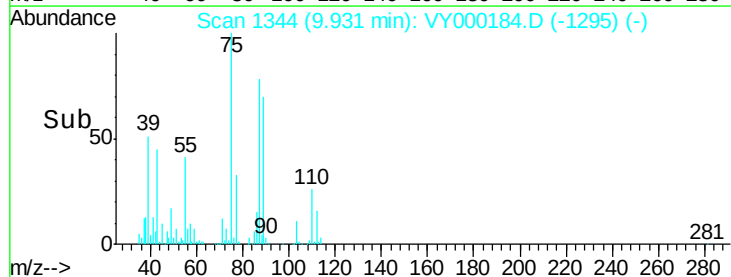
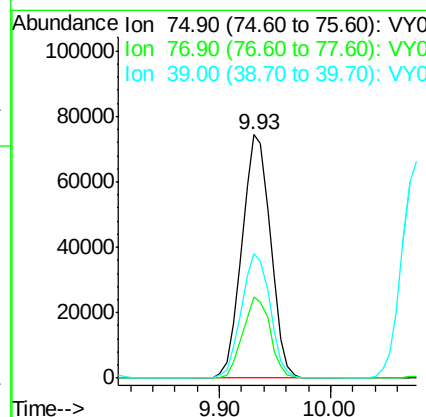
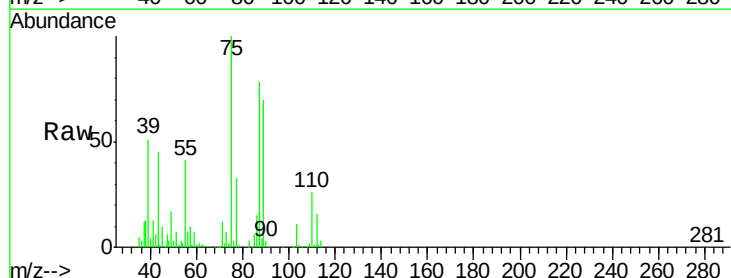
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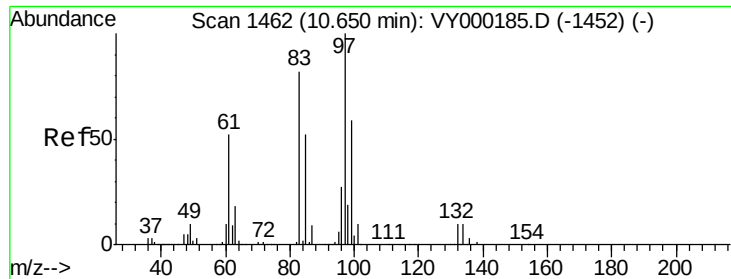
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#54
 cis-1,3-Dichloropropene
 Concen: 22.747 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.0	39.0
39	51.0	37.2	55.8





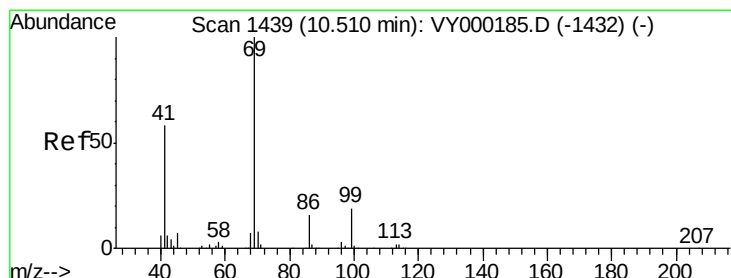
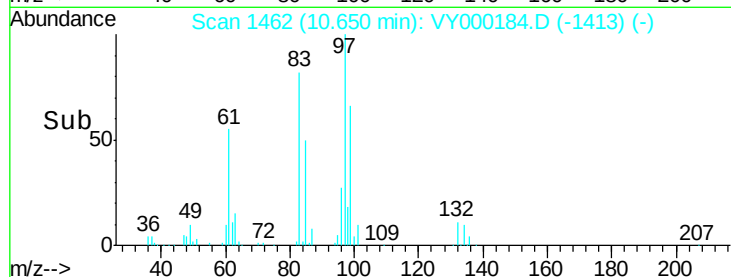
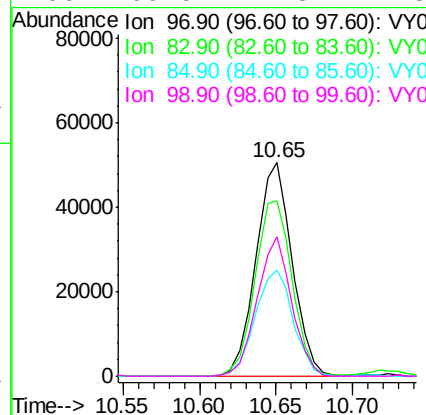
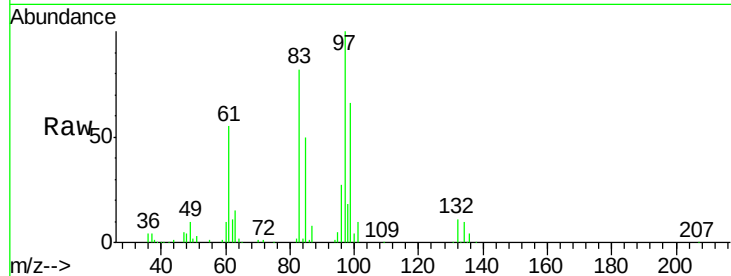
#55
 1,1,2-Trichloroethane
 Concen: 20.901 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		82940		
83	82.2	65.4	98.2		
85	49.8	41.4	62.0		
99	65.5	47.5	71.3		

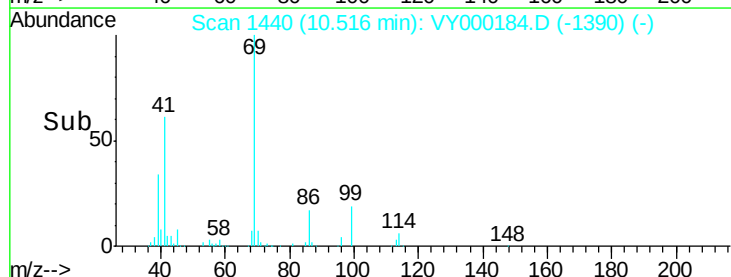
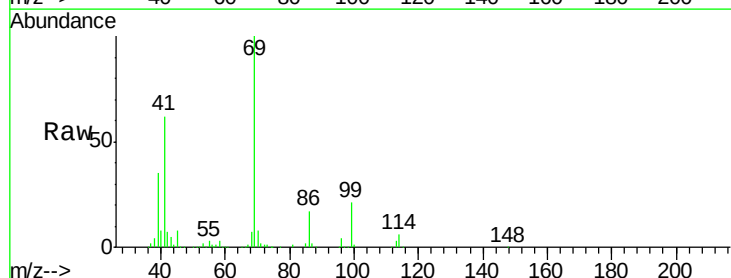
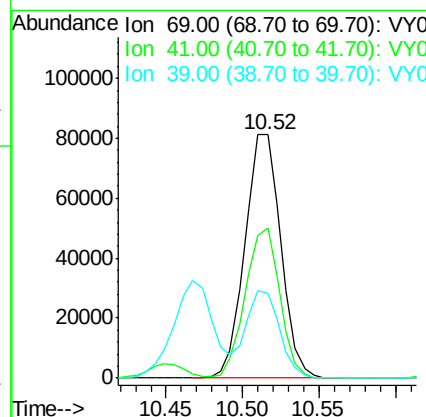
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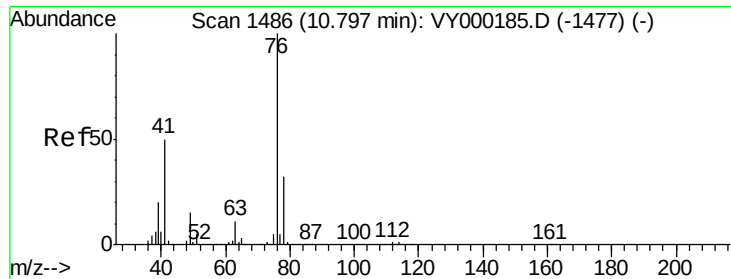
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#56
 Ethyl methacrylate
 Concen: 21.485 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		132323		
41	59.7	48.1	72.1		
39	33.6	27.2	40.8		





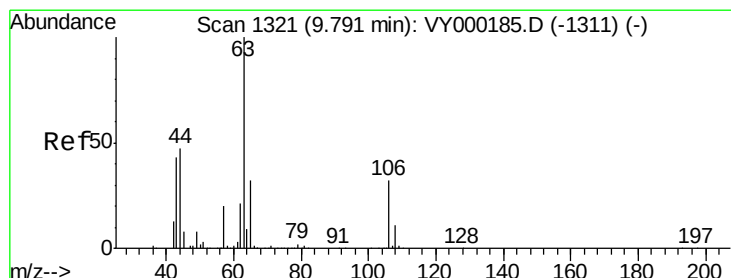
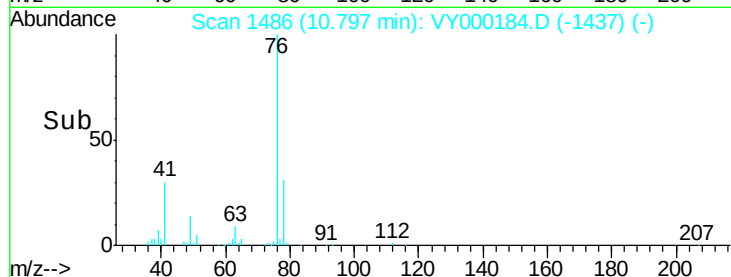
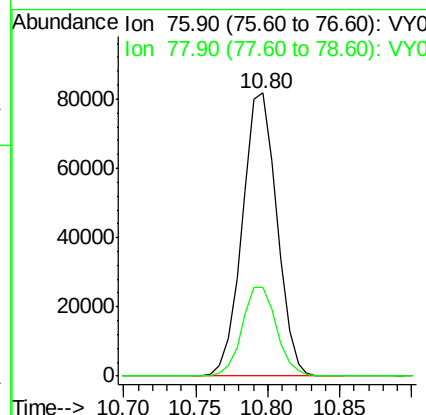
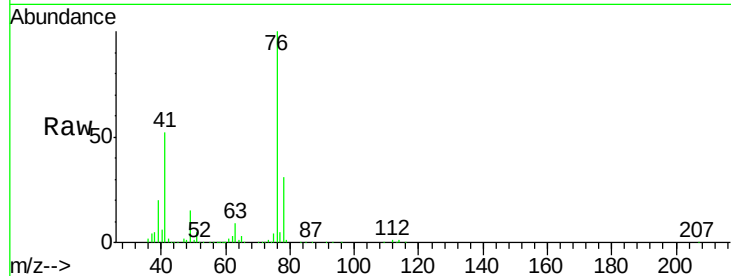
#57
 1,3-Dichloropropane
 Concen: 22.001 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.4	39.6

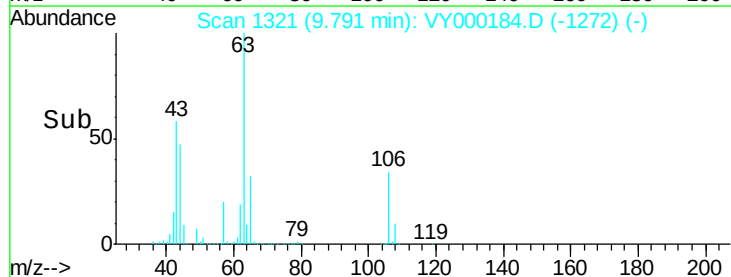
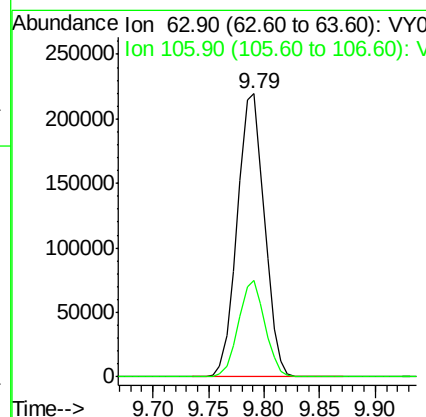
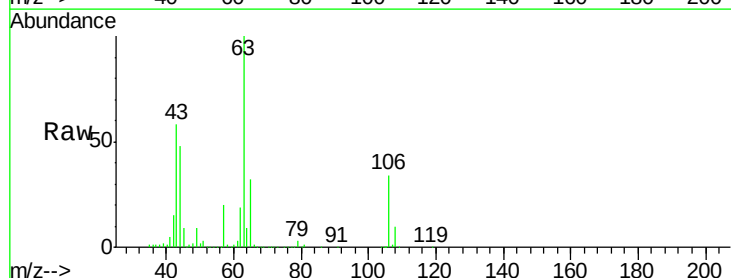
Manual Integrations
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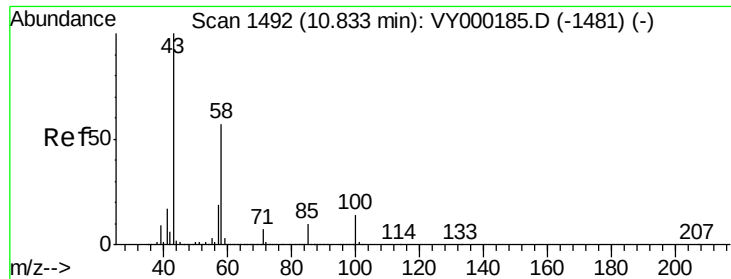
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#58
 2-Chloroethyl Vinyl ether
 Concen: 118.443 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.0	25.8	38.6





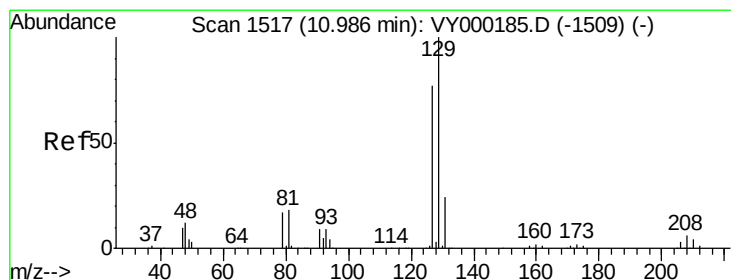
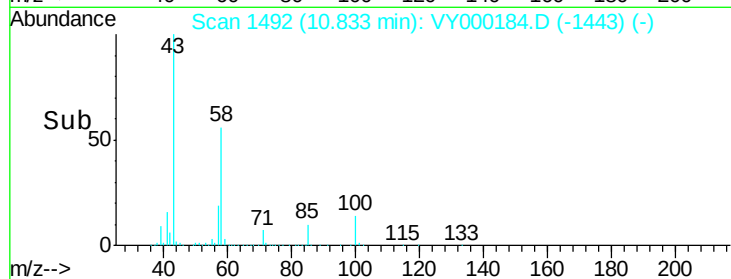
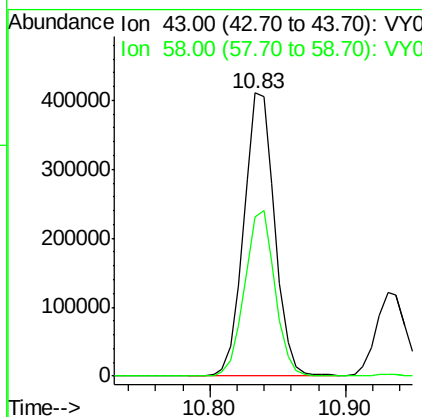
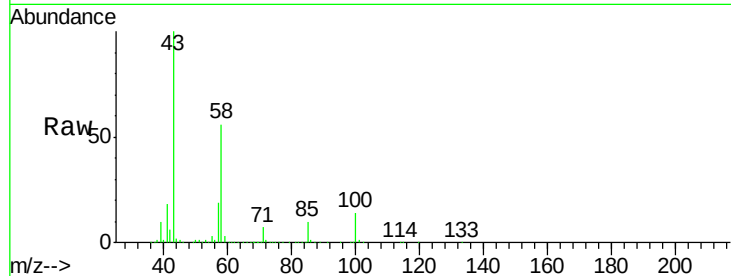
#59
2-Hexanone
Concen: 98.556 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 649235
Ion Ratio Lower Upper
43 100
58 57.6 28.6 85.8

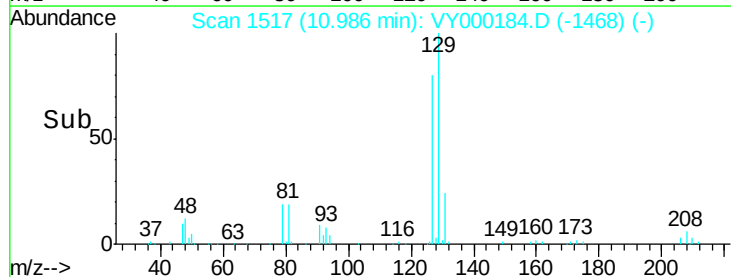
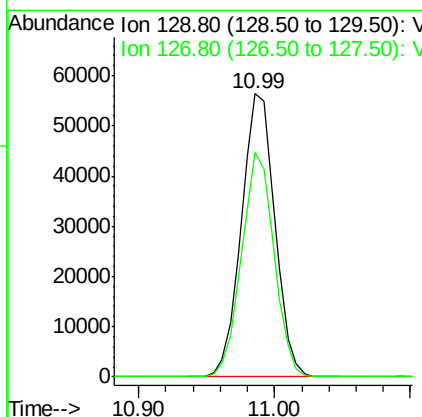
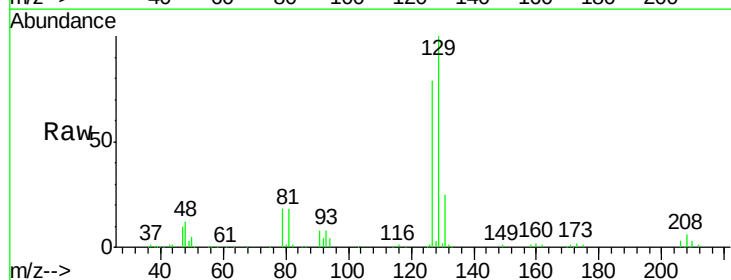
Manual Integrations
APPROVED

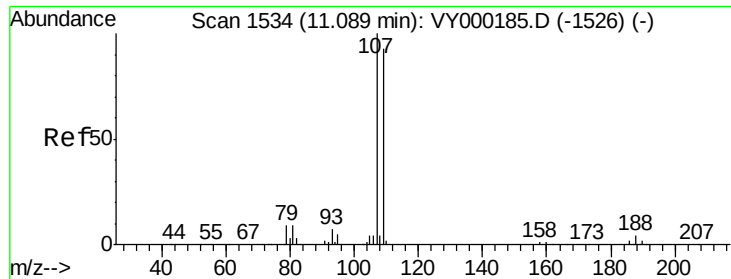
MMDadoda
10/7/2019 12:50:51 PM



#60
Dibromochloromethane
Concen: 21.300 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion: 129 Resp: 97228
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8





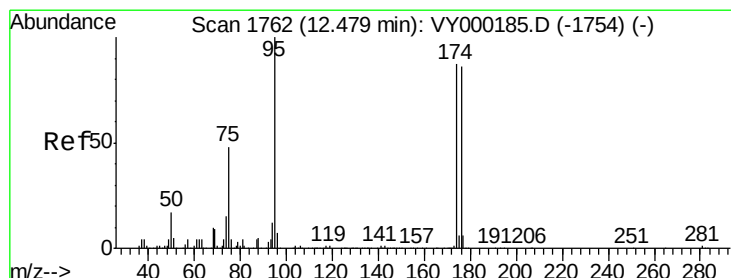
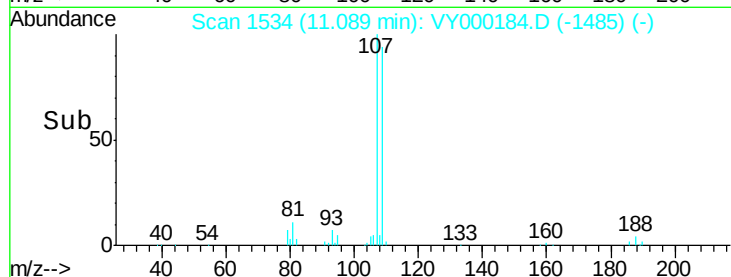
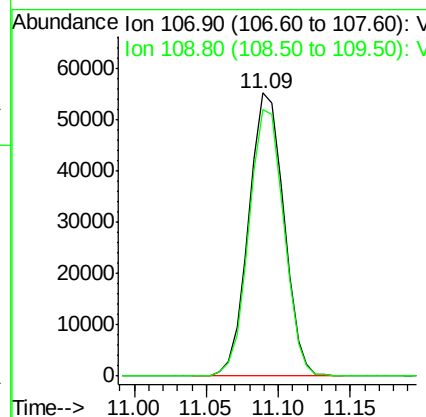
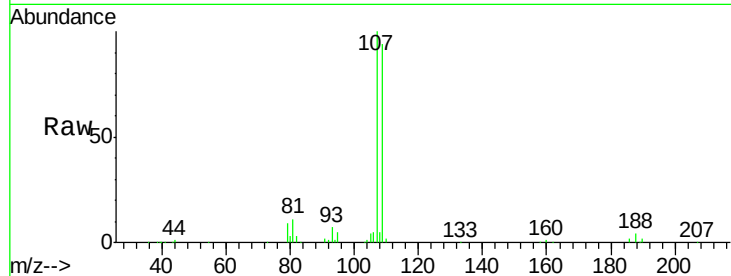
#61
 1,2-Dibromoethane
 Concen: 23.116 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion:107 Resp: 93006
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.9 113.9

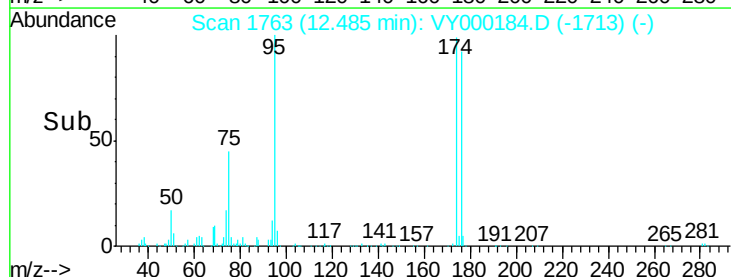
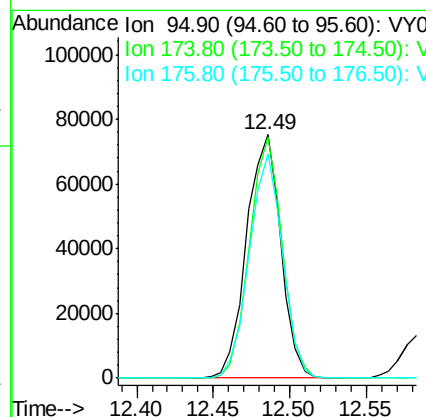
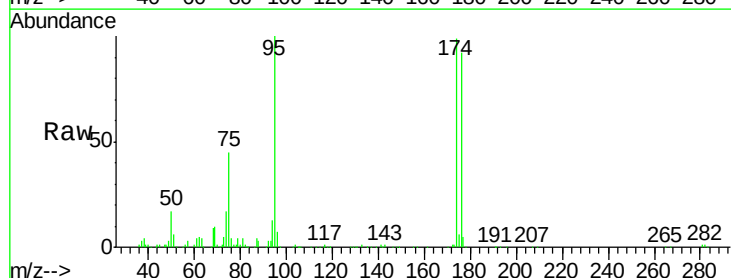
Manual Integrations
 APPROVED

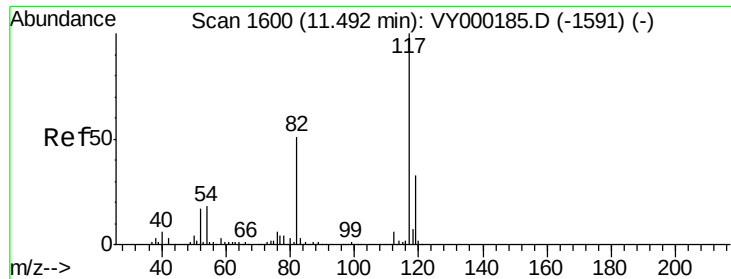
MMDadoda
 10/7/2019 12:50:51 PM



#62
 4-Bromofluorobenzene
 Concen: 23.516 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion: 95 Resp: 116640
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 188.6
 176 89.6 0.0 183.6





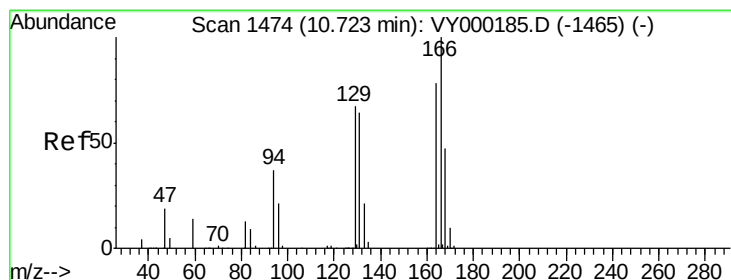
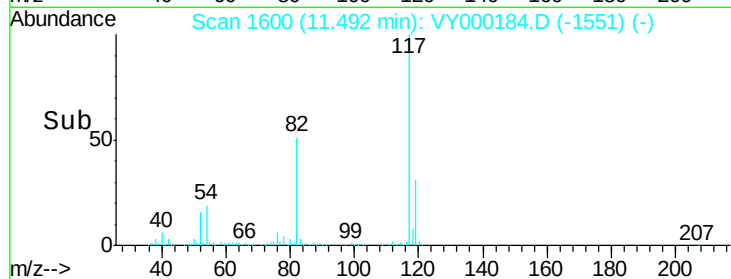
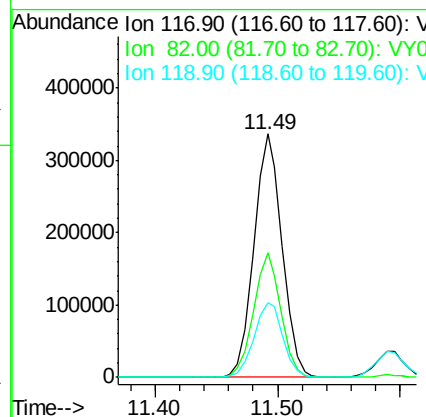
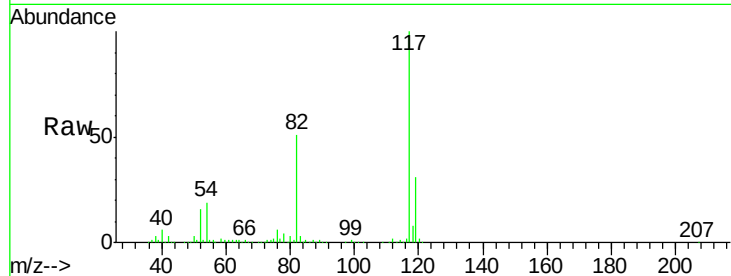
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	538328		
82	51.1		41.0	61.4
119	30.5		26.2	39.2

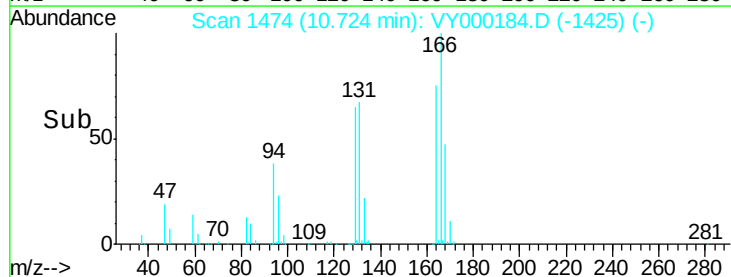
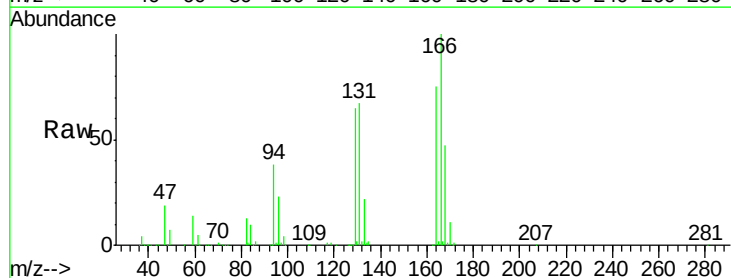
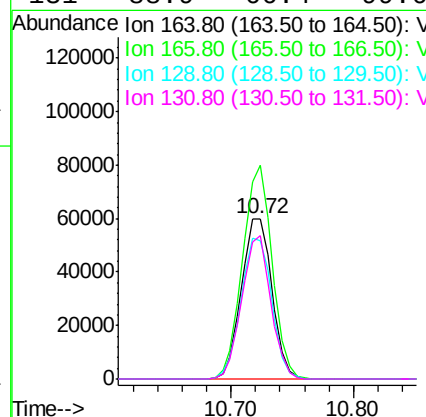
Manual Integrations
APPROVED

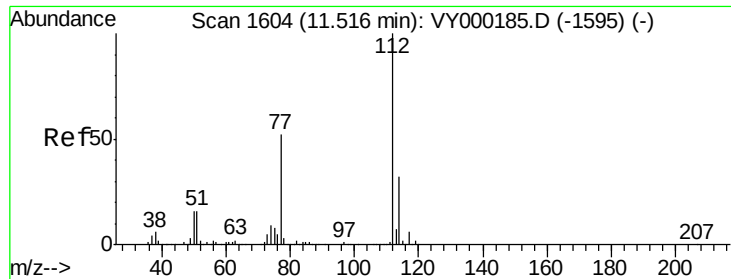
MMDadoda
10/7/2019 12:50:51 PM



#64
Tetrachloroethene
Concen: 24.749 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103772		
166	133.0		103.2	154.8
129	86.2		69.0	103.4
131	88.9		66.4	99.6





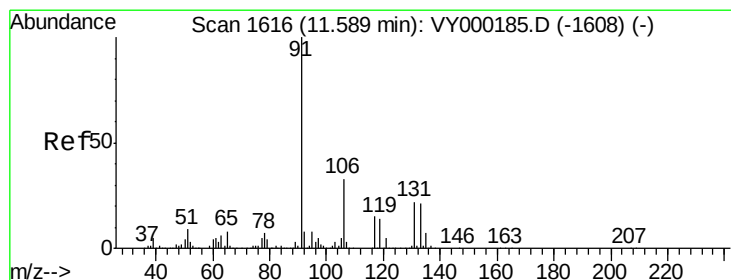
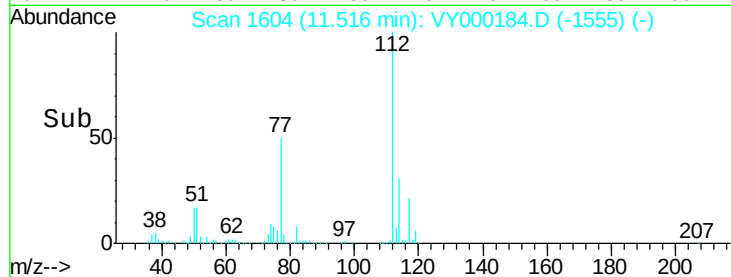
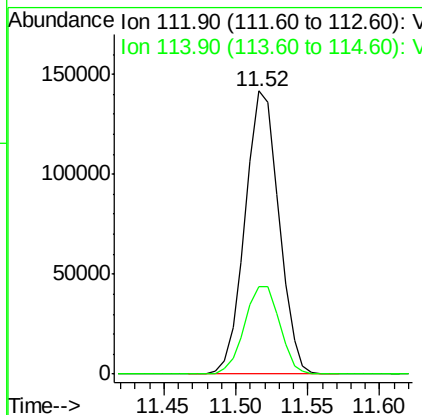
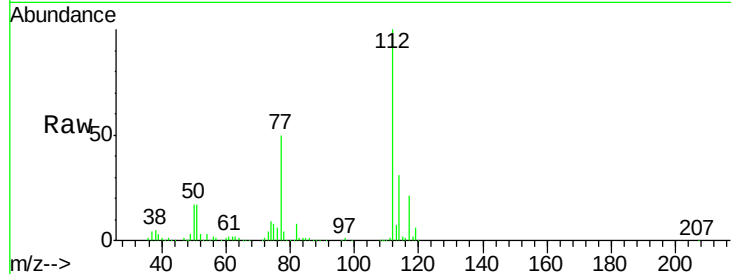
#65
Chlorobenzene
Concen: 22.525 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.6	38.4

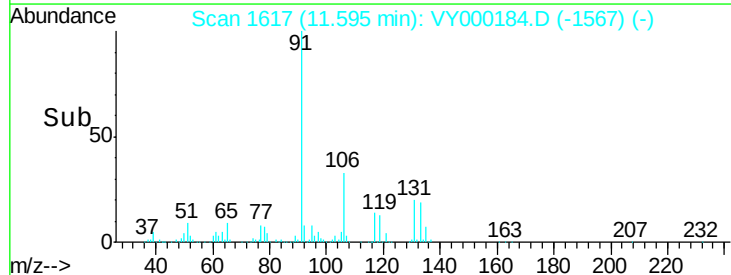
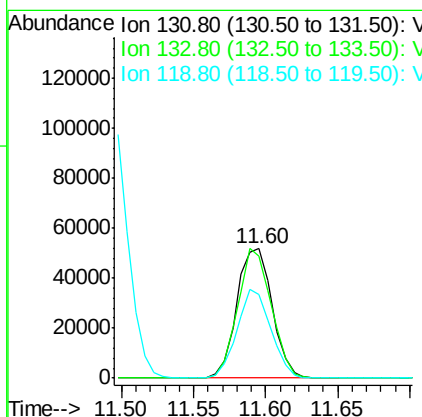
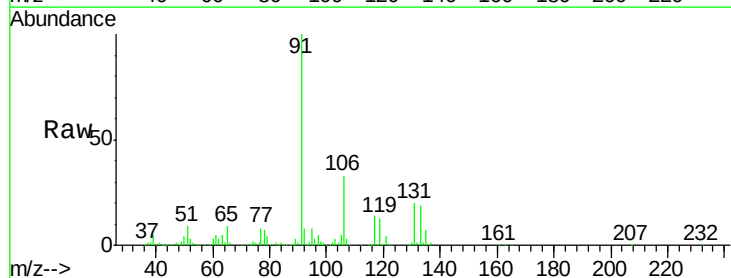
Manual Integrations
APPROVED

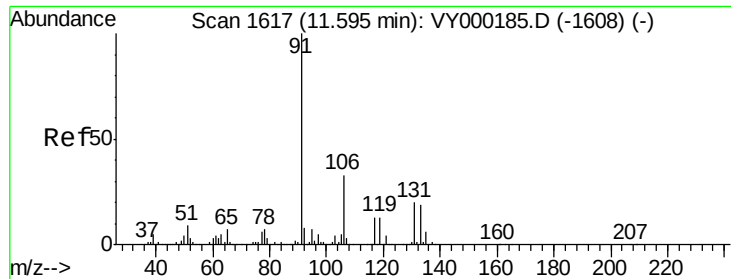
MMDadoda
10/7/2019 12:50:51 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.957 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.3
119	65.6	32.6	98.0





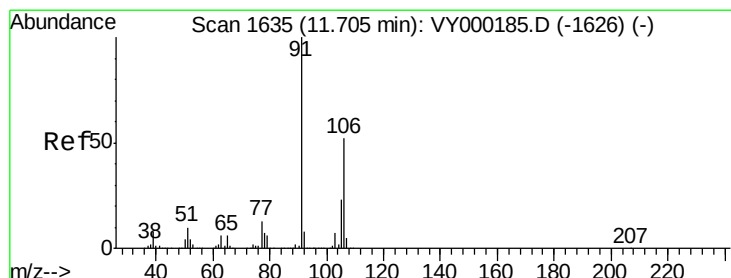
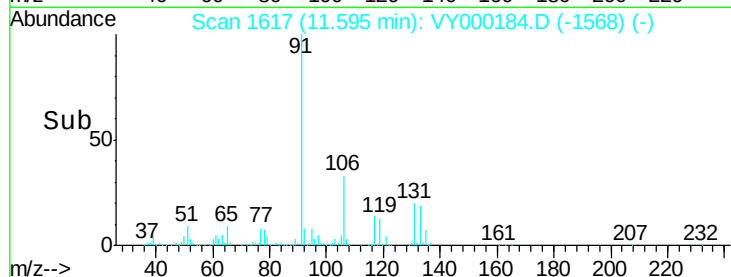
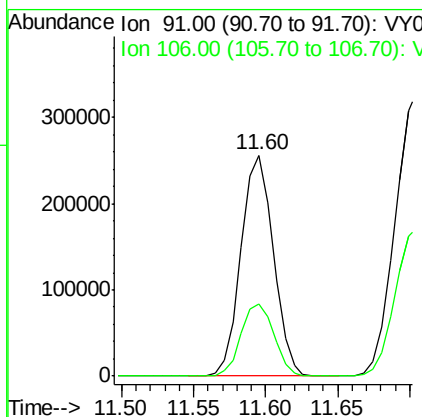
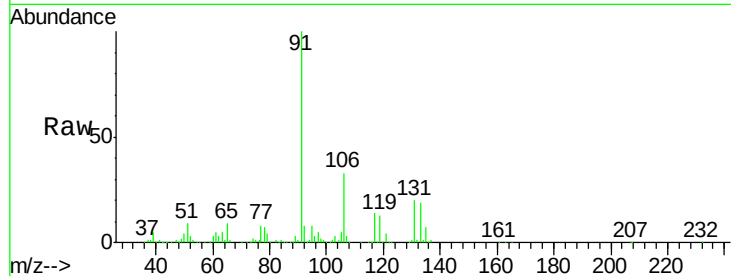
#67
Ethyl Benzene
Concen: 23.447 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.3	39.5

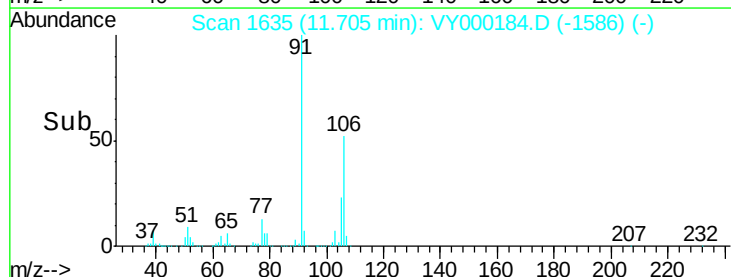
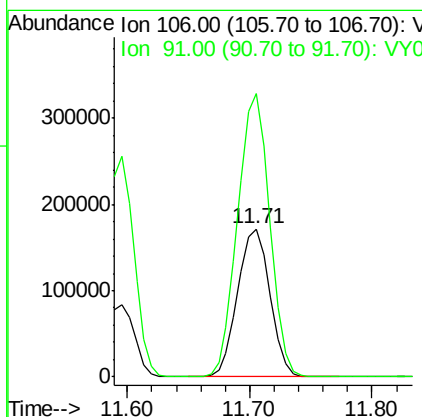
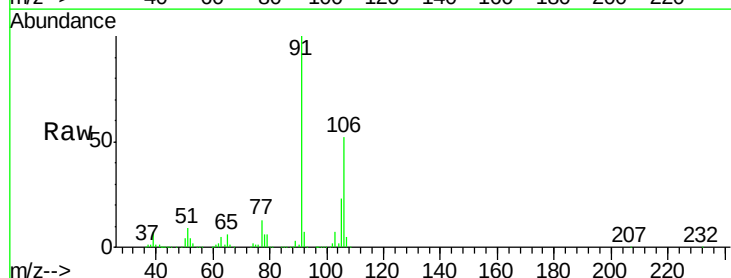
Manual Integrations
APPROVED

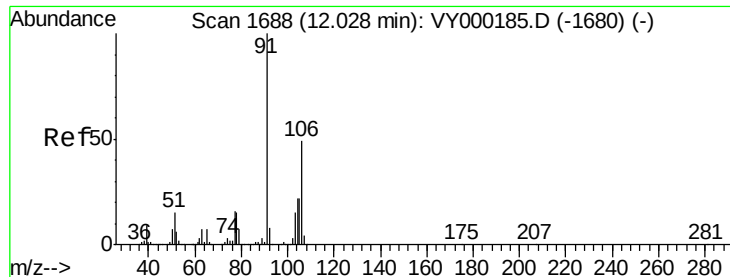
MMDadoda
10/7/2019 12:50:51 PM



#68
m/p-Xylenes
Concen: 46.663 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	189.4	151.7	227.5





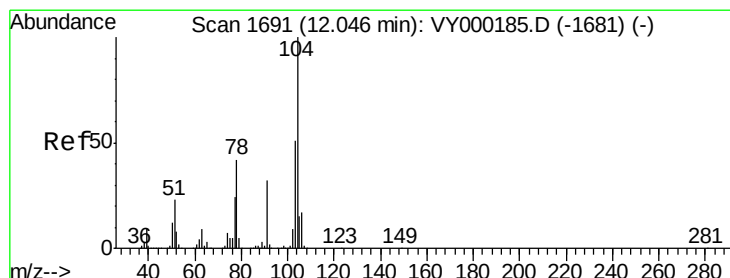
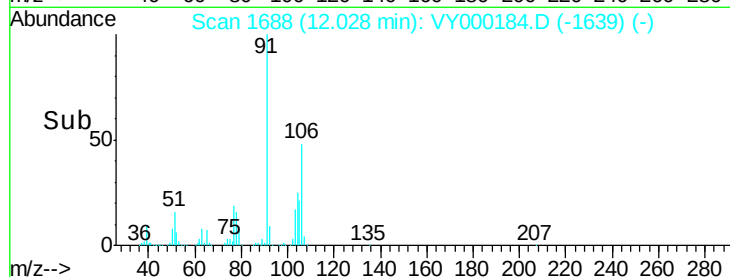
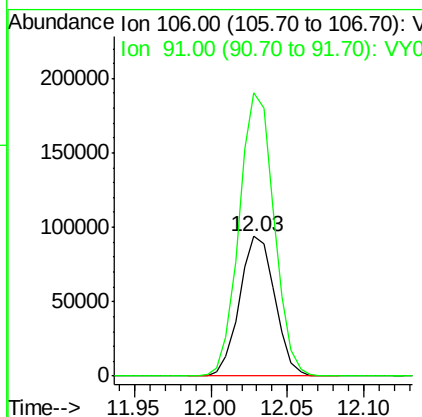
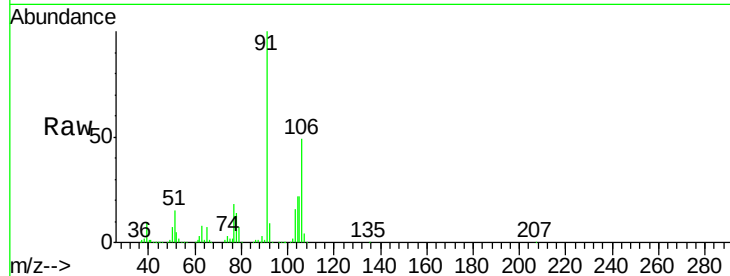
#69
o-Xylene
Concen: 22.267 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.8	98.7	296.1

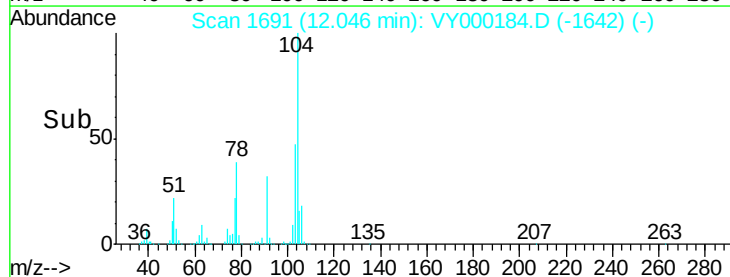
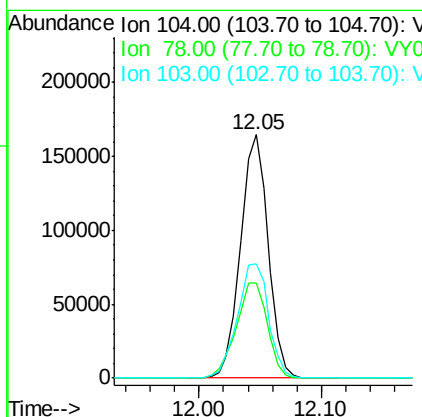
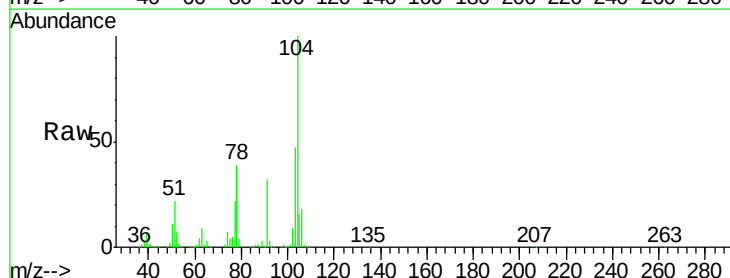
Manual Integrations
APPROVED

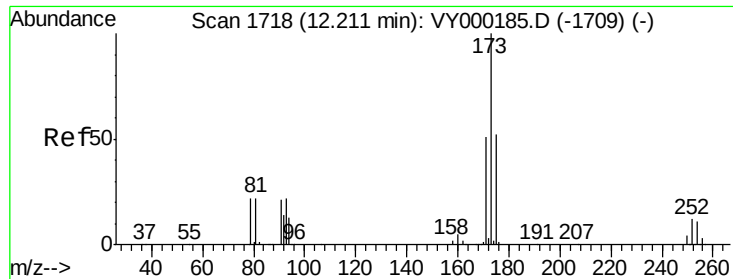
MMDadoda
10/7/2019 12:50:51 PM



#70
Styrene
Concen: 22.077 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.3	36.3	54.5
103	53.3	43.1	64.7





#71

Bromoform

Concen: 20.461 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

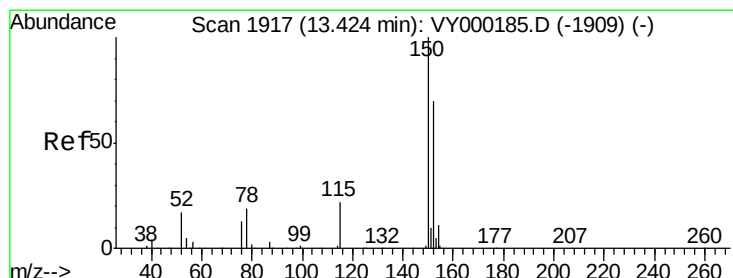
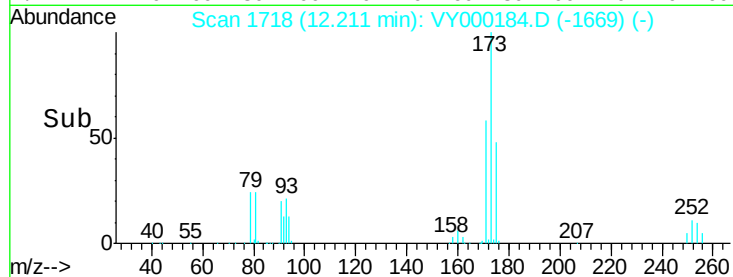
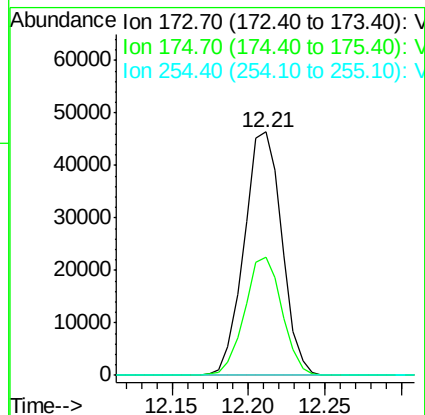
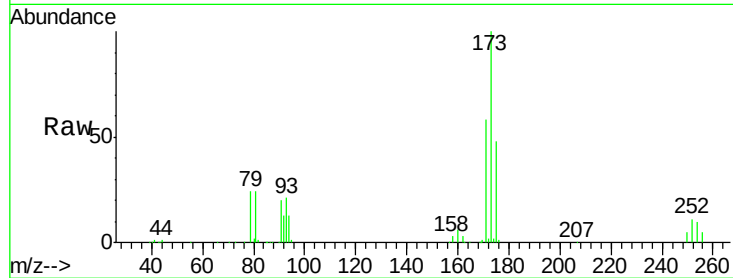
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.5	73.5
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

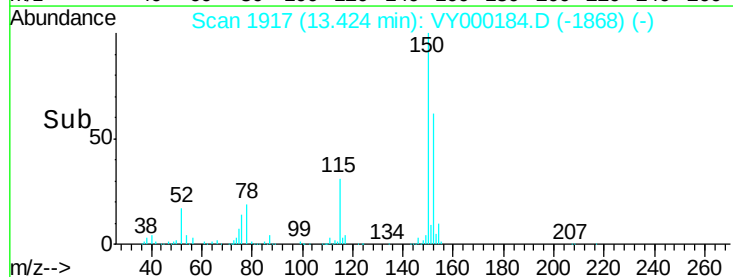
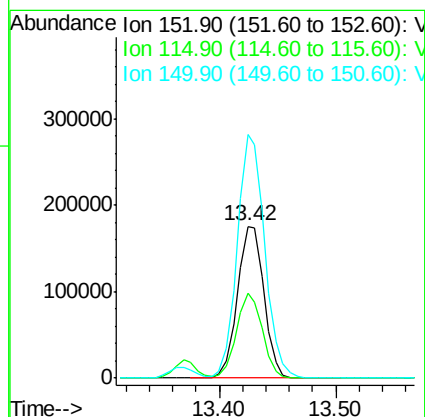
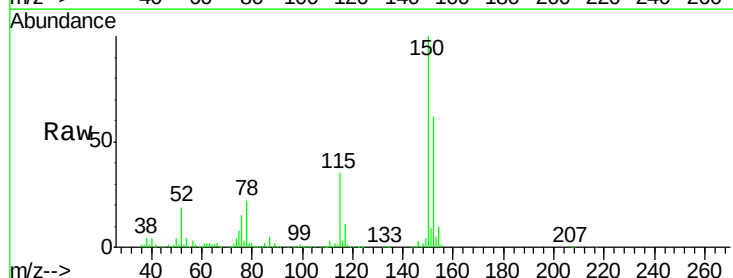
RT: 13.42 min Scan# 1917

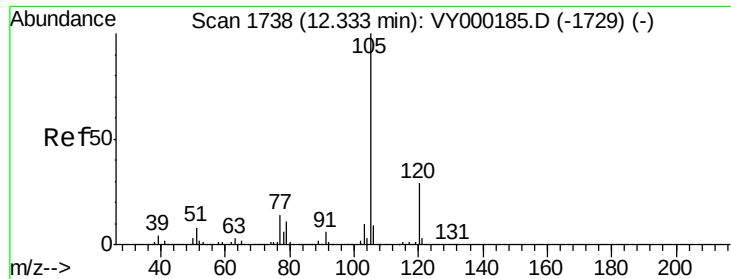
Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.2	81.6
150	166.3	0.0	351.2





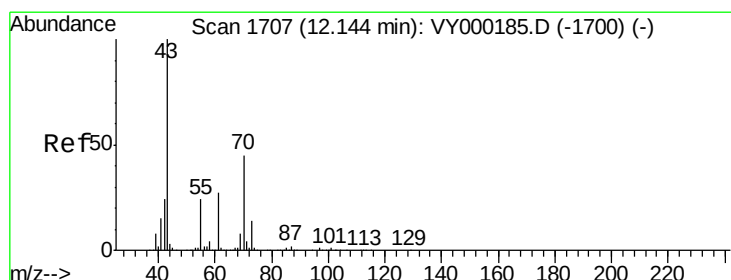
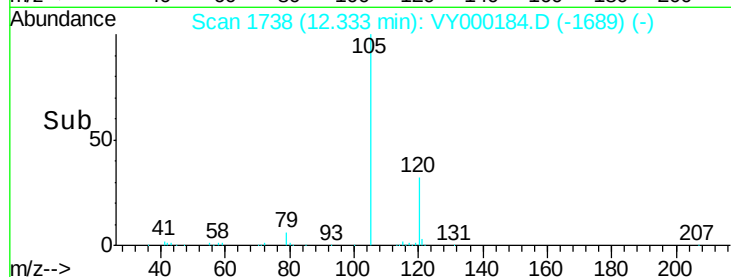
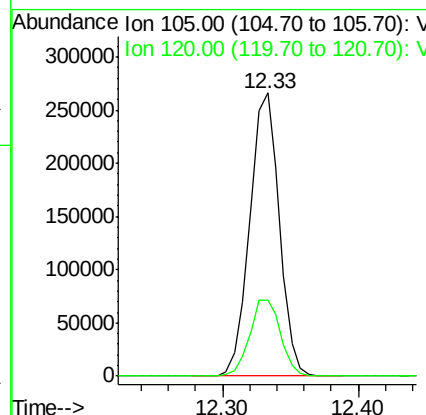
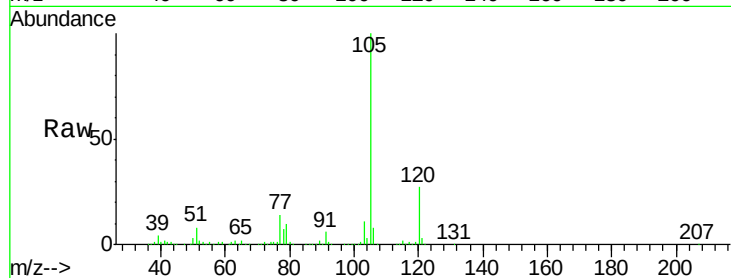
#73
Isopropylbenzene
Concen: 22.012 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.4	14.1	42.3

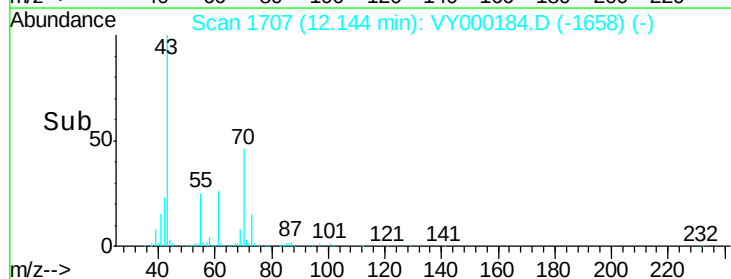
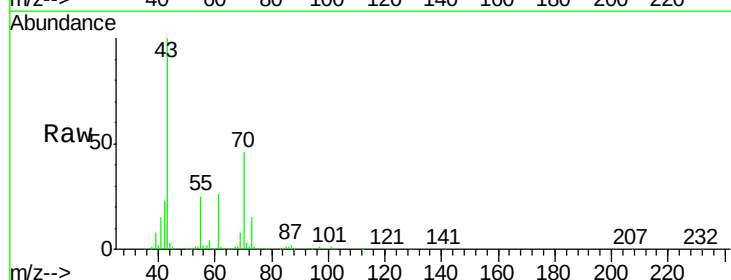
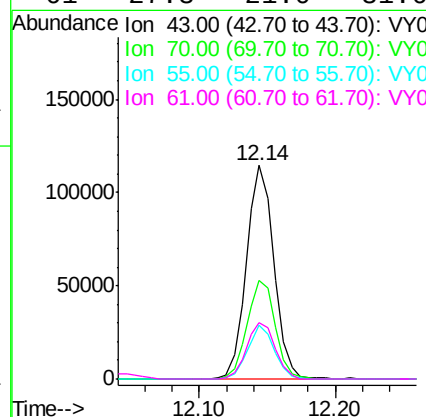
Manual Integrations
APPROVED

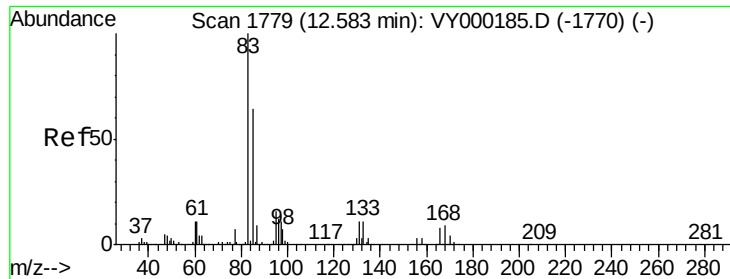
MMDadoda
10/7/2019 12:50:51 PM



#74
N-ethyl acetate
Concen: 20.010 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.2	36.7	55.1
55	24.4	18.6	27.8
61	27.3	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.440 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC020

Tot Ion: 83 Resp: 126569
Ion Ratio Lower Upper

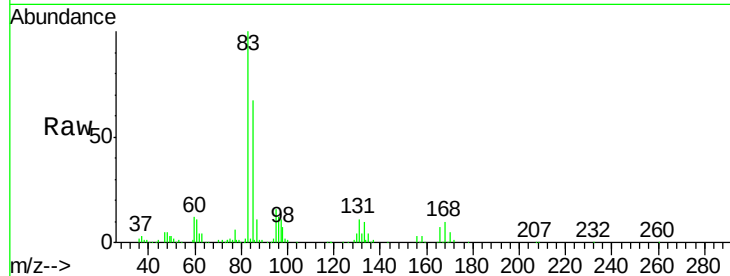
83 100

131 11.4 5.6 16.8

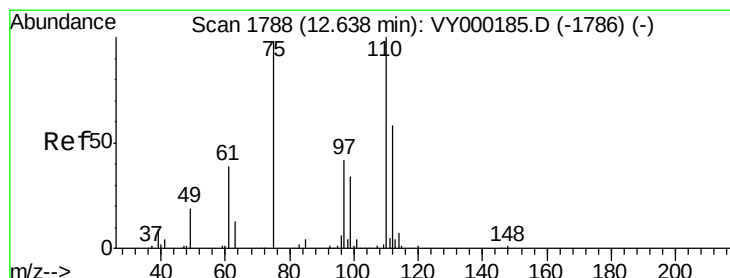
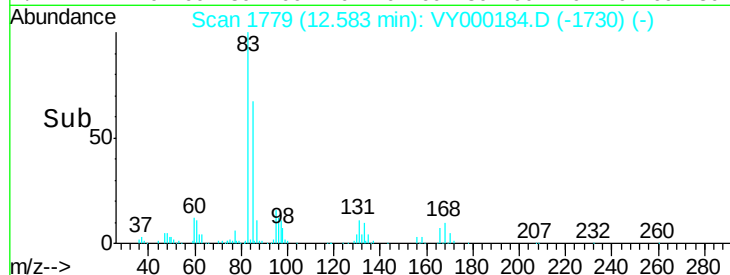
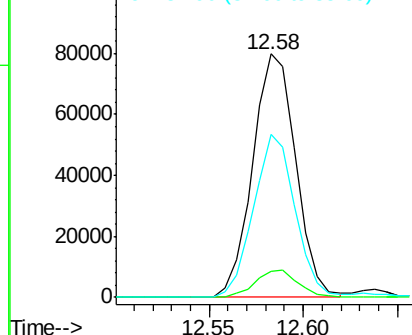
85 64.6 32.1 96.3

Manual Integrations
APPROVED

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 19.531 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

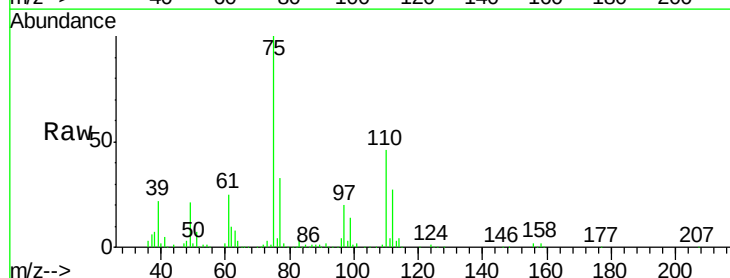
Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

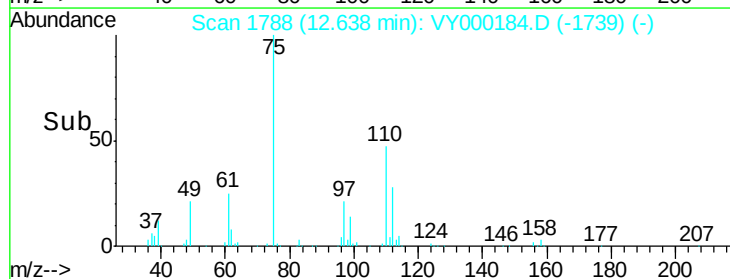
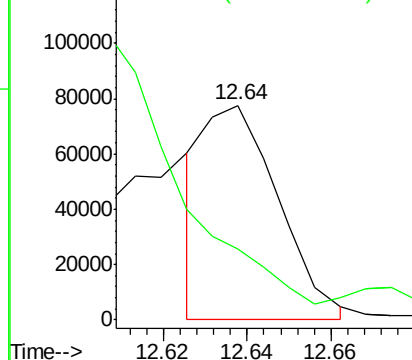
Tgt Ion: 75 Resp: 95094
Ion Ratio Lower Upper

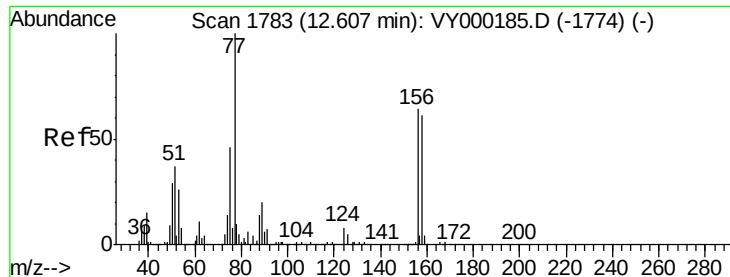
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.451 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

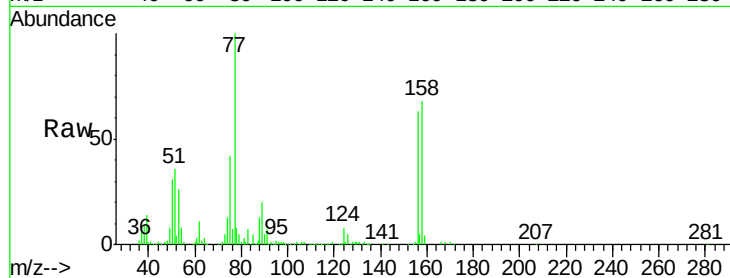
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	103250
Ion Ratio	Lower	Upper	
156	100		
77	190.9	95.3	285.8
158	100.9	48.0	144.2

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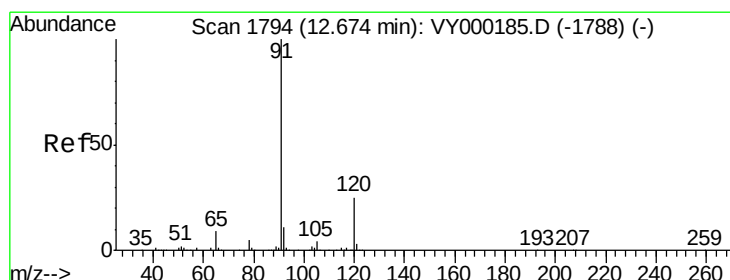
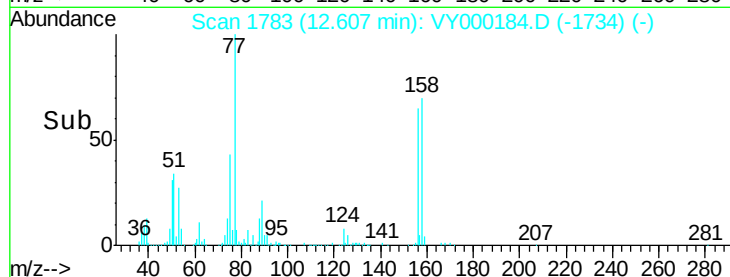
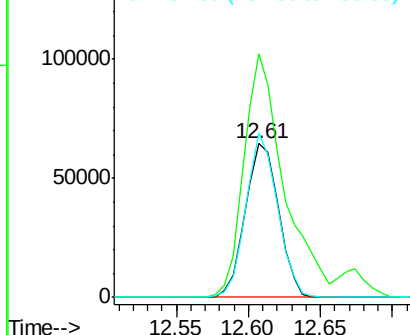
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.281 ug/l

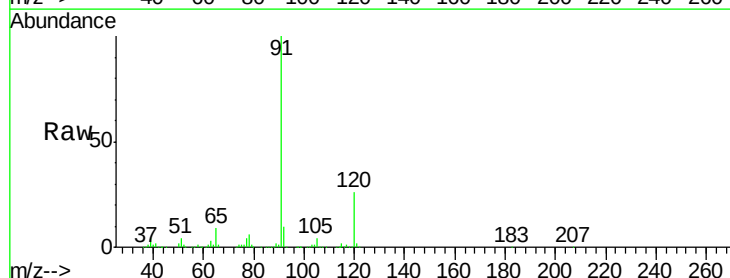
RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000184.D

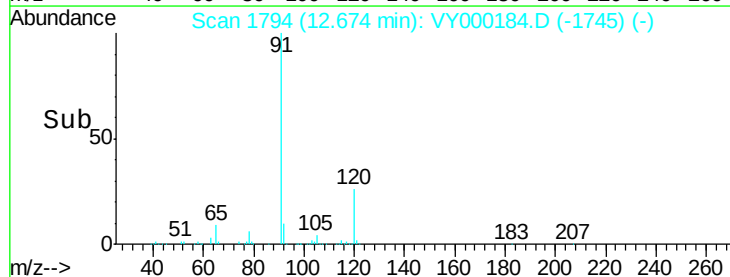
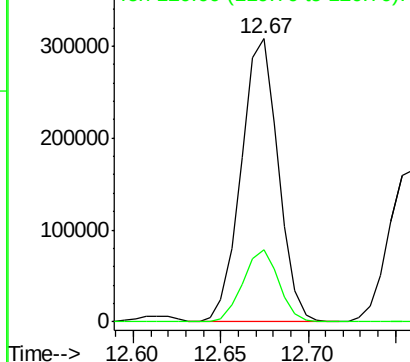
Acq: 03 Oct 2019 14:57

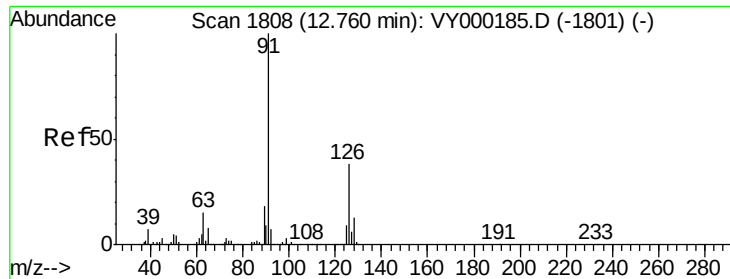
Tgt Ion:	91	Resp:	457085
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.6	37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





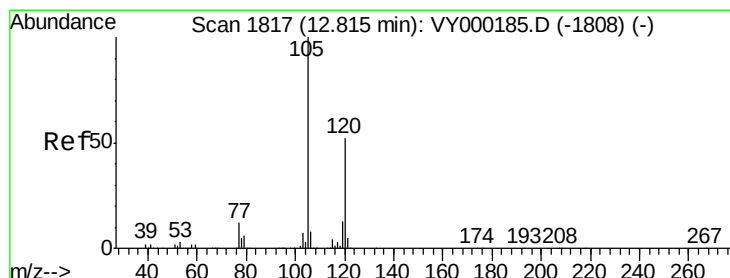
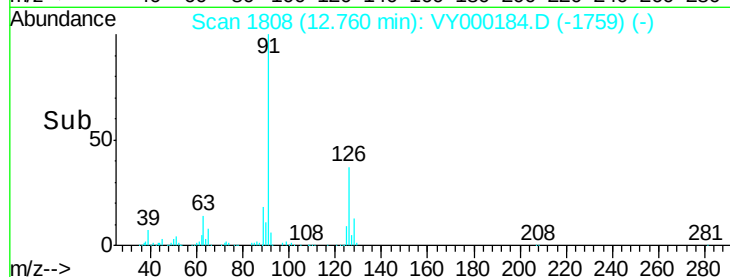
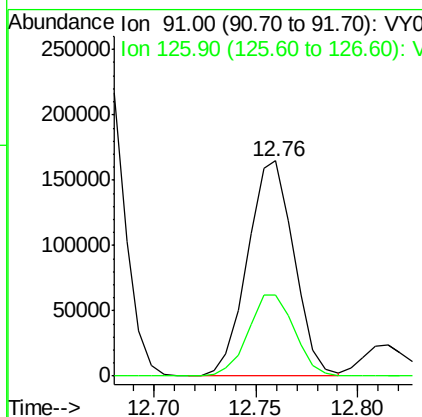
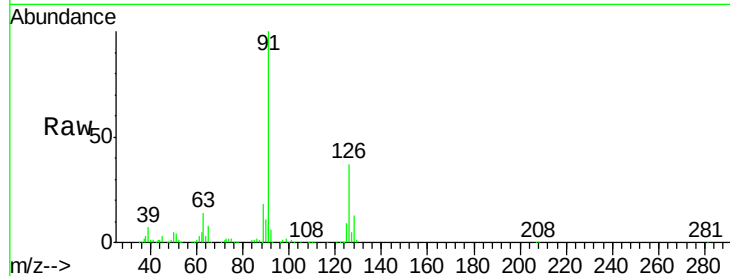
#79
 2-Chlorotoluene
 Concen: 21.626 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 261395
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.6 56.0

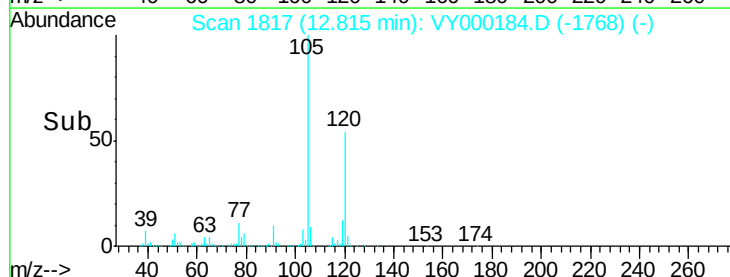
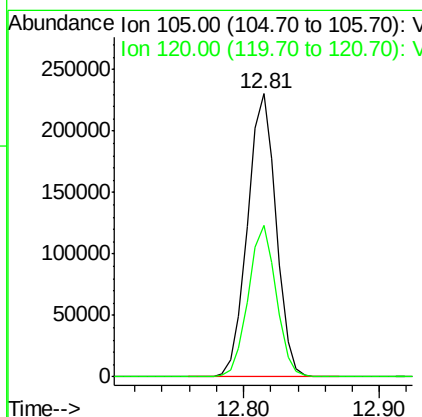
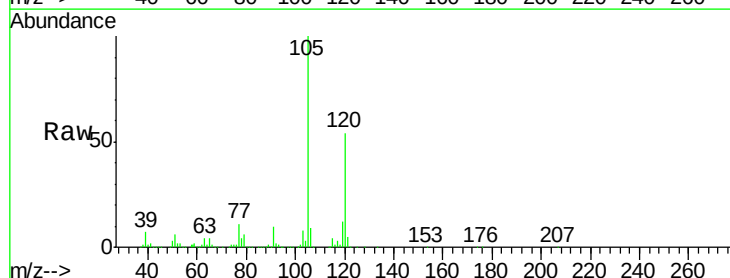
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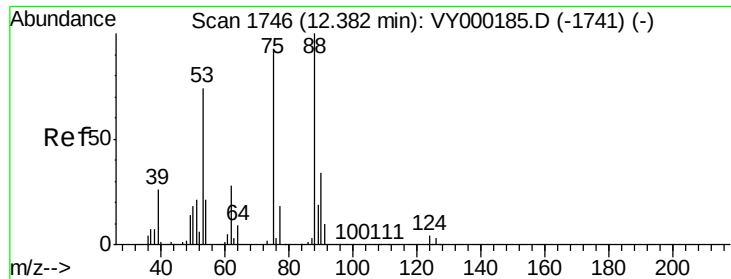
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.059 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion: 105 Resp: 339356
 Ion Ratio Lower Upper
 105 100
 120 52.4 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.760 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

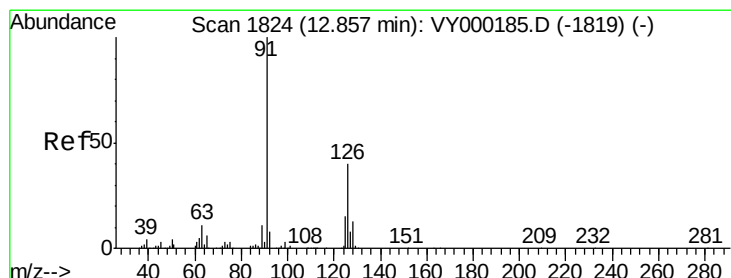
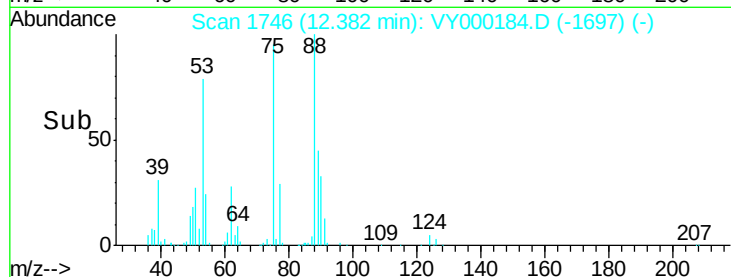
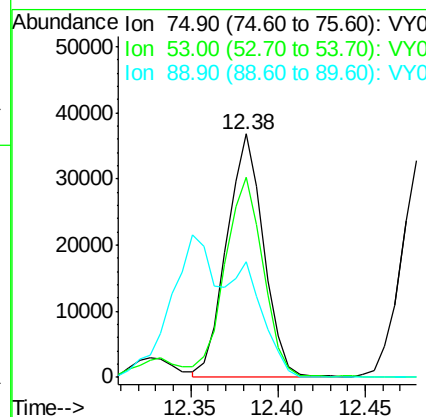
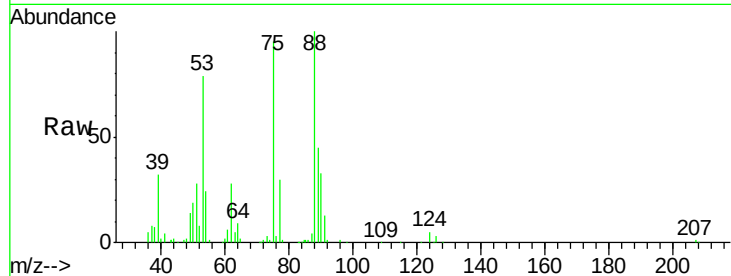
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.5	67.7	101.5
89	0.0	37.0	55.4#

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#82

4-Chlorotoluene

Concen: 20.853 ug/l

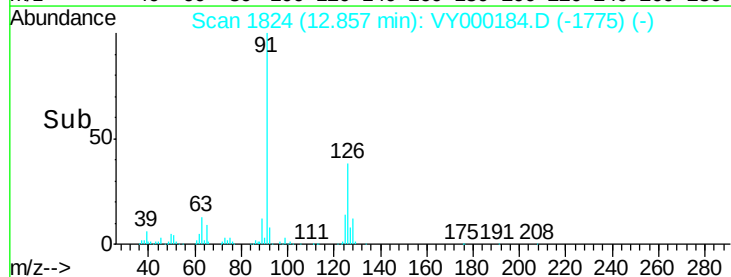
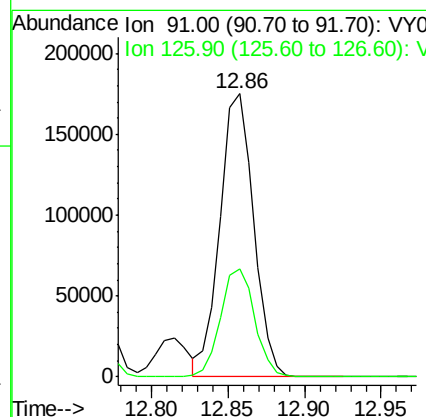
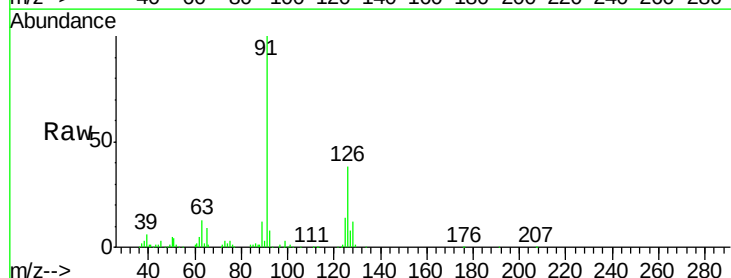
RT: 12.86 min Scan# 1824

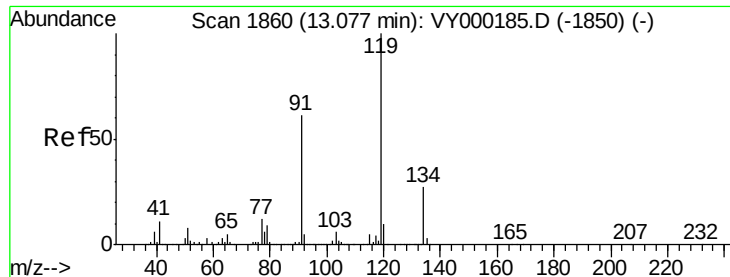
Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.5	18.4	55.0





#83

tert-Butylbenzene

Concen: 21.380 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

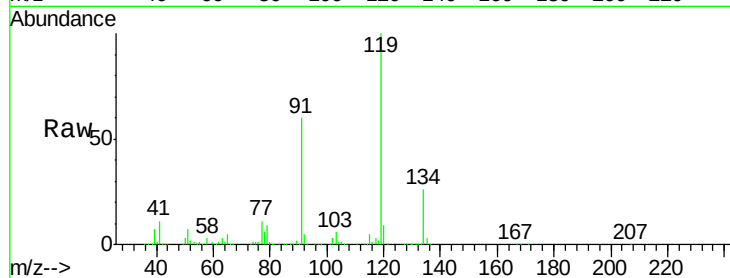
ClientSampleId :

VSTDIC020

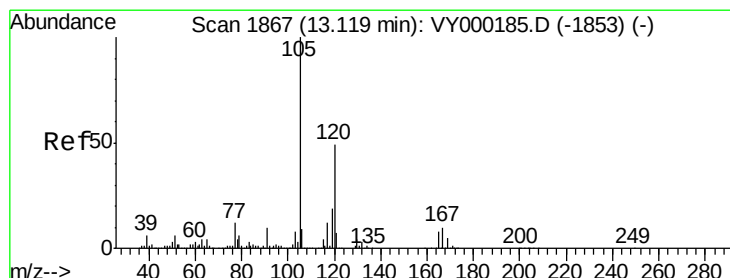
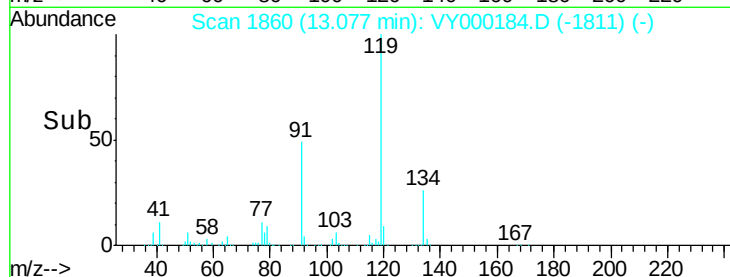
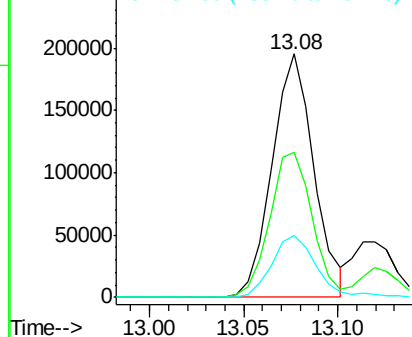
Tot Ion:	119	Resp:	299794
Ion Ratio	Lower	Upper	
119	100		
91	60.5	30.6	92.0
134	27.4	13.7	41.1

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.144 ug/l

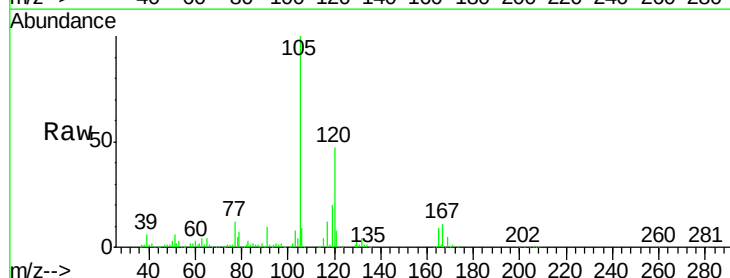
RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

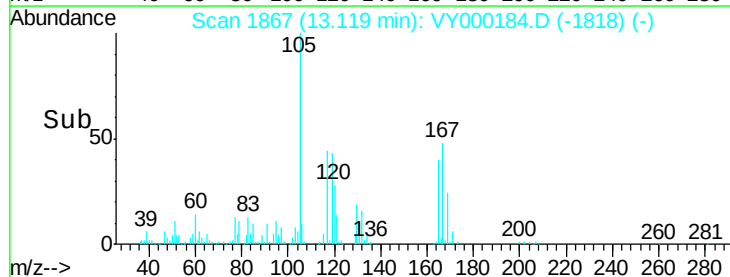
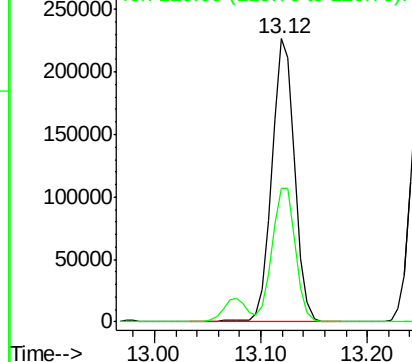
Lab File: VY000184.D

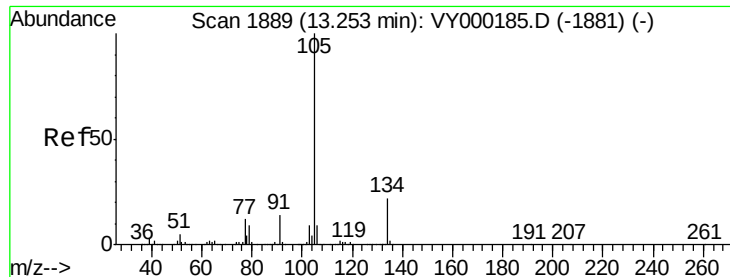
Acq: 03 Oct 2019 14:57

Tgt Ion:	105	Resp:	338105
Ion Ratio	Lower	Upper	
105	100		
120	48.5	24.0	72.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.526 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 403974

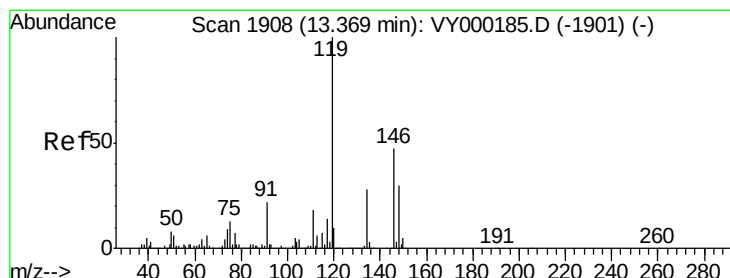
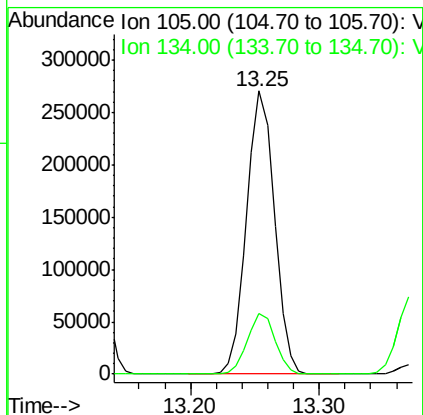
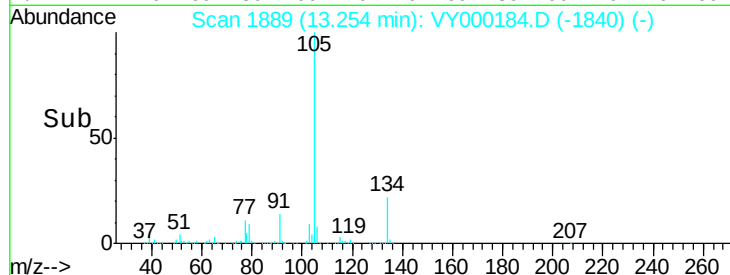
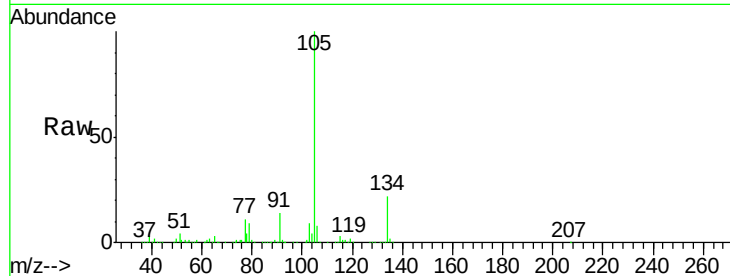
Ion Ratio Lower Upper

105 100

134 21.5 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 21.648 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

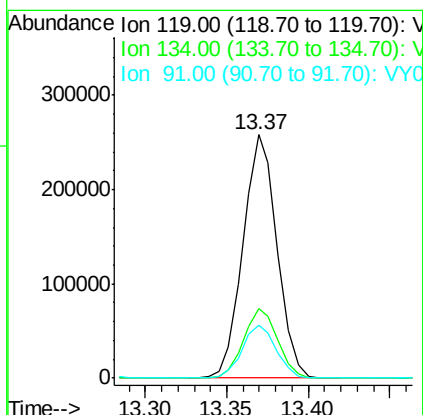
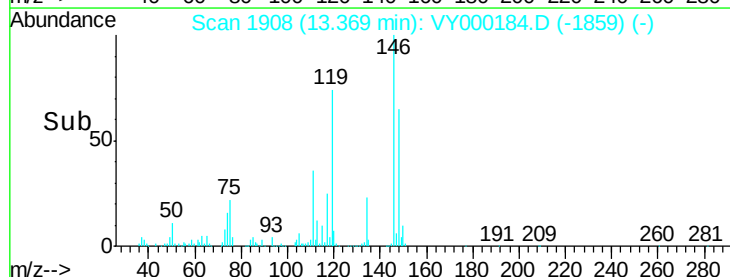
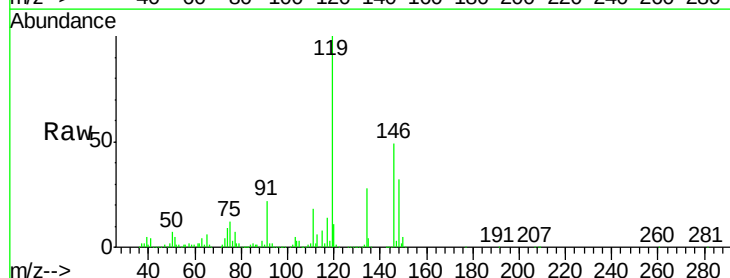
Tgt Ion:119 Resp: 372656

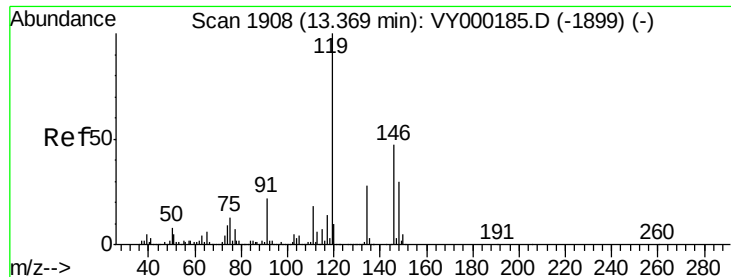
Ion Ratio Lower Upper

119 100

134 28.6 14.1 42.2

91 22.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 21.458 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

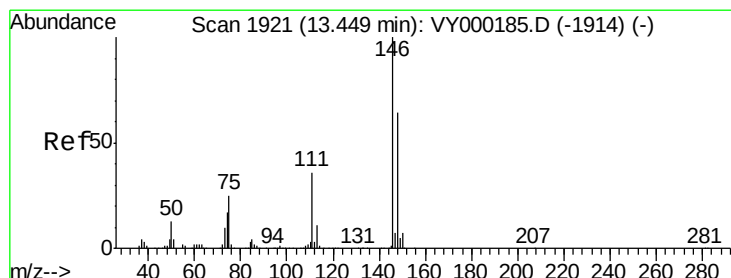
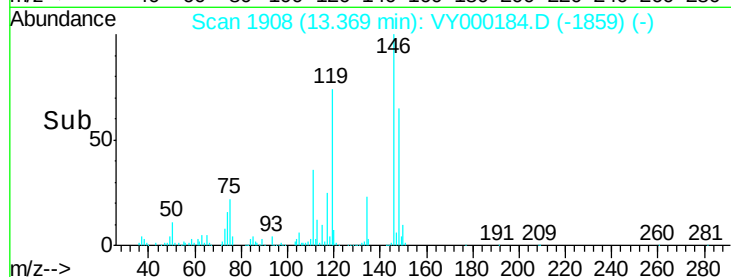
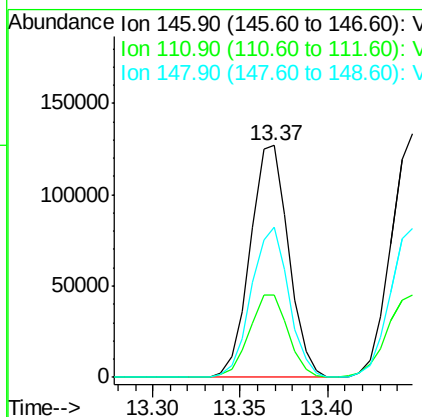
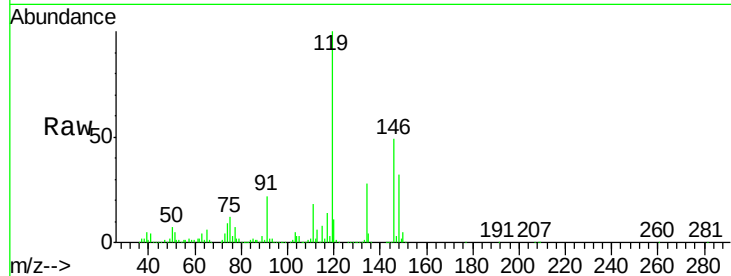
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.9	56.7
148	63.2	32.3	96.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.592 ug/l

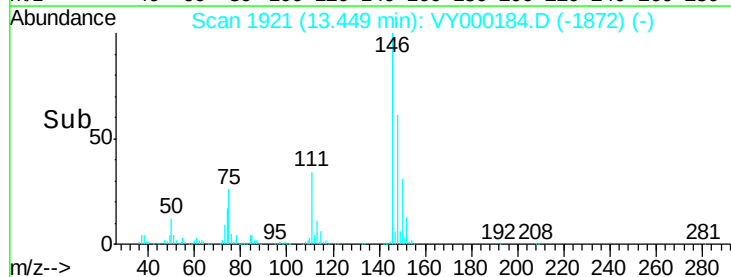
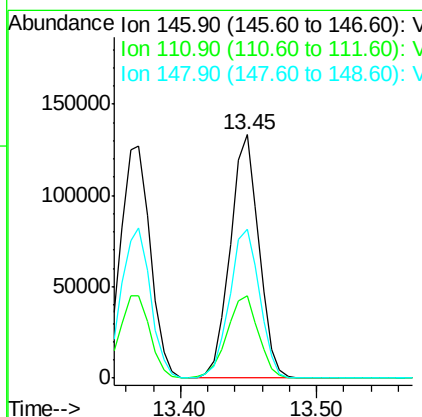
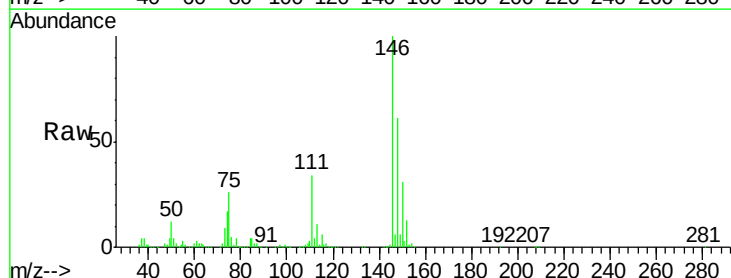
RT: 13.45 min Scan# 1921

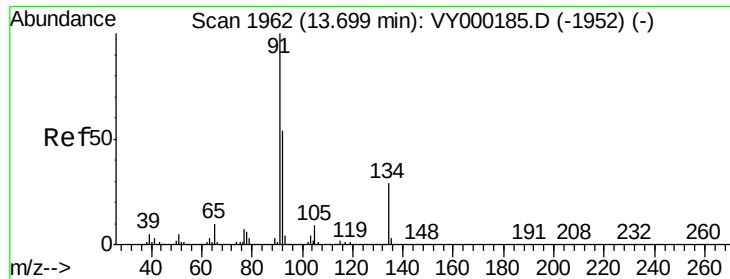
Delta R.T. 0.00 min

Lab File: VY000184.D

Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	64.2	32.3	96.8





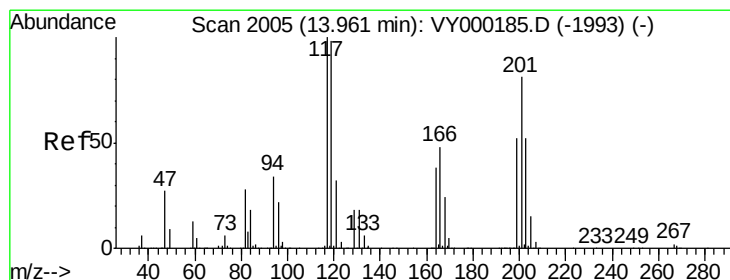
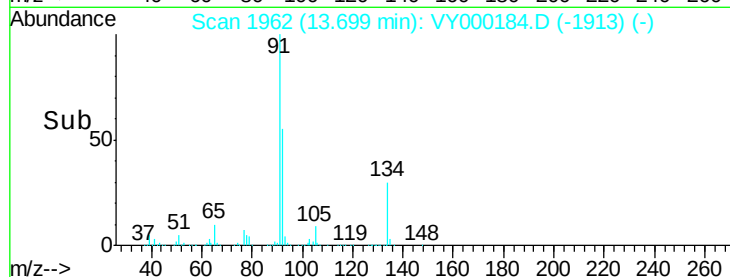
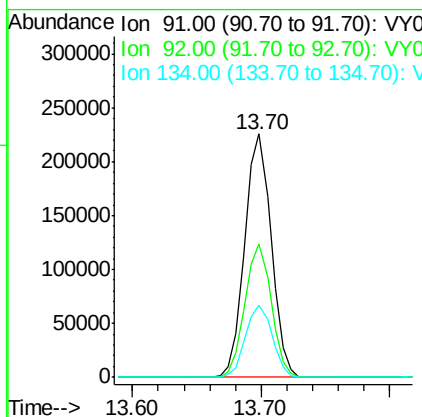
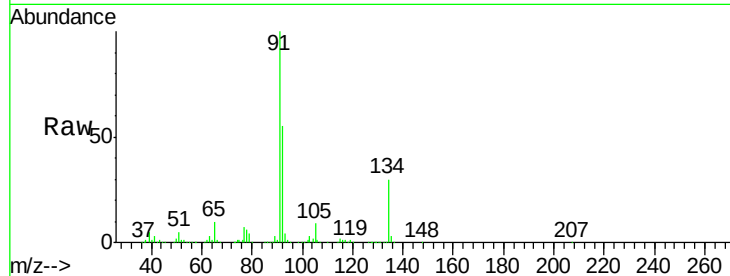
#89
n-Butylbenzene
Concen: 21.120 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	29.9	14.4	43.0

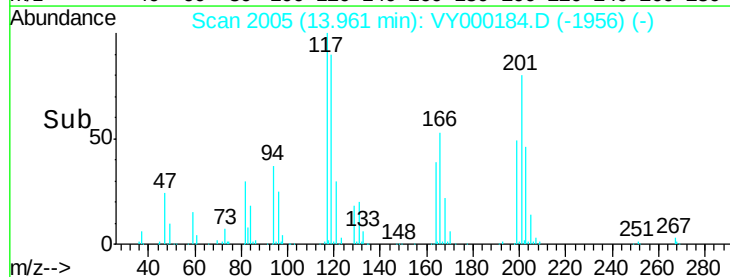
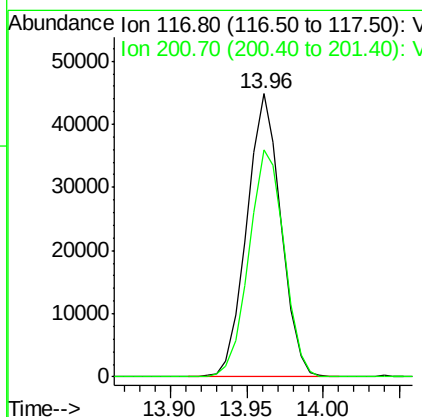
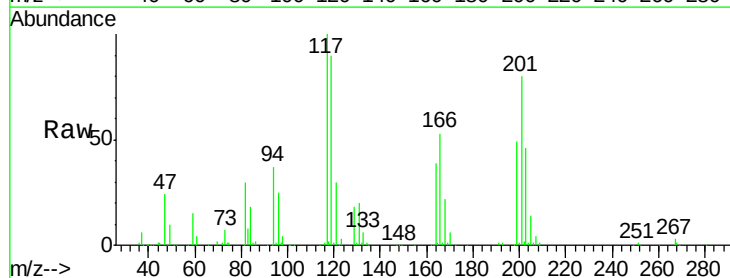
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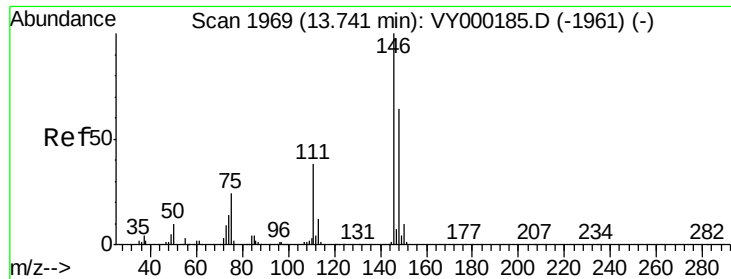
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#90
Hexachloroethane
Concen: 20.409 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	42.6	128.0





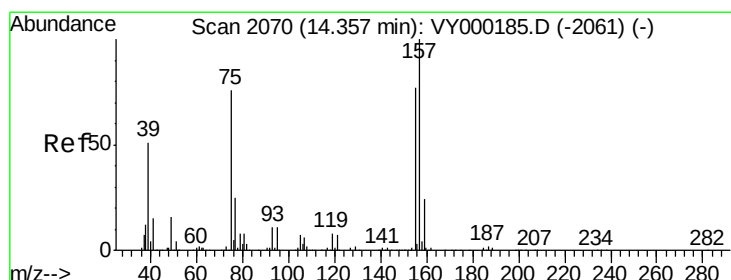
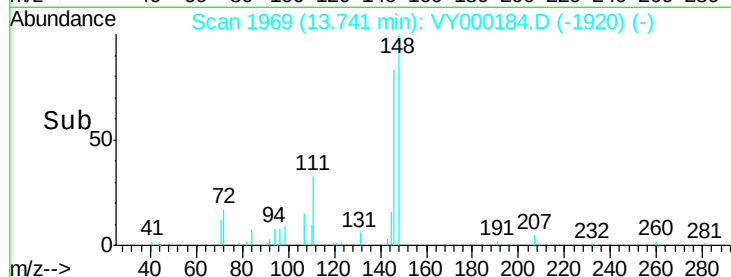
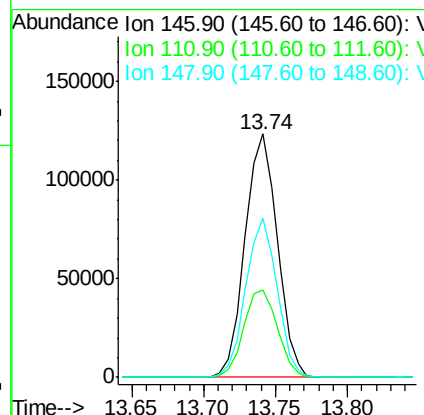
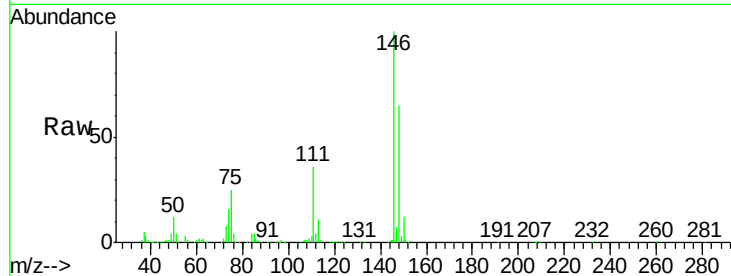
#91
 1,2-Dichlorobenzene
 Concen: 20.710 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.2
148	63.5	32.1	96.5

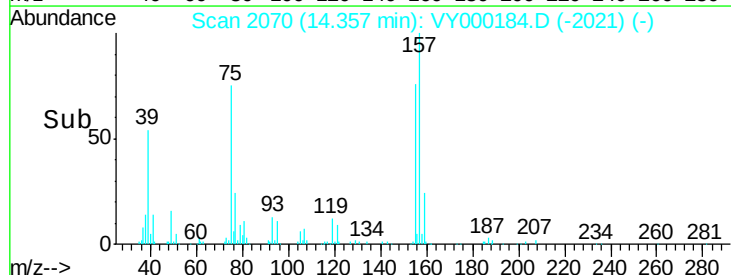
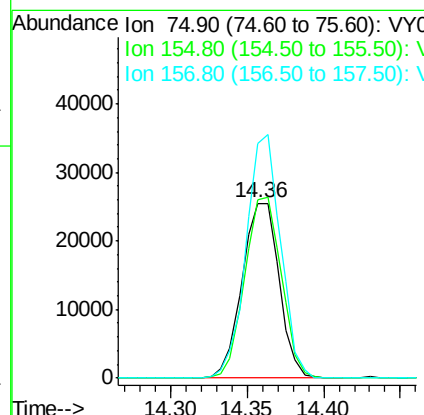
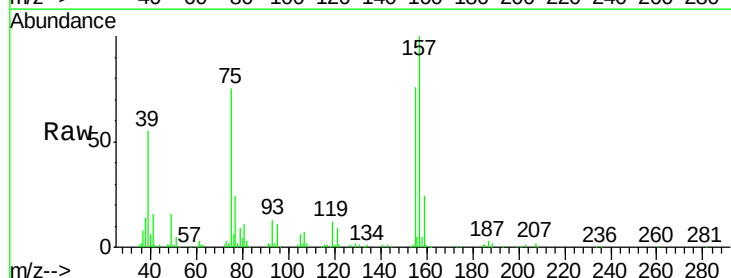
Manual Integrations
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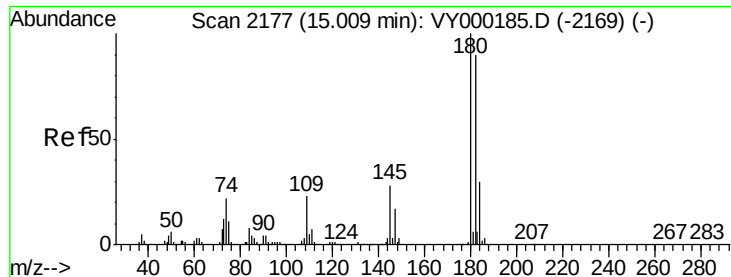
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.702 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.3	52.3	157.1
157	128.7	66.8	200.3





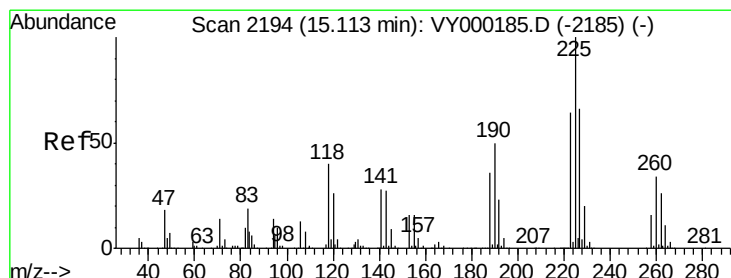
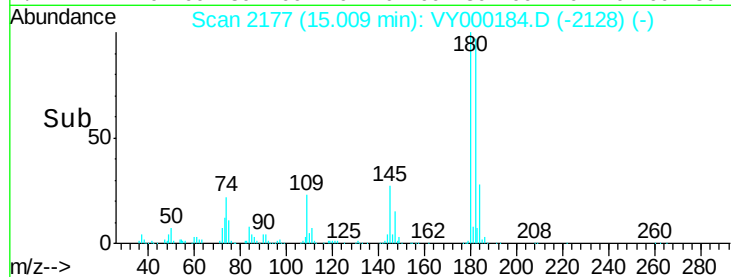
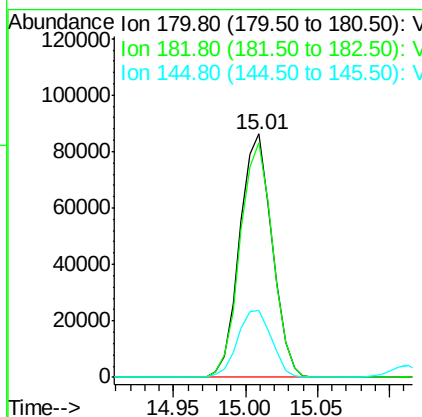
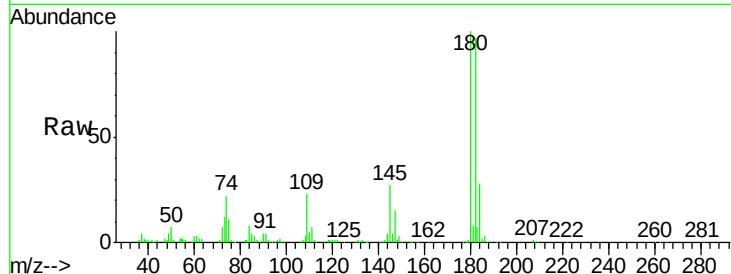
#93
 1,2,4-Trichlorobenzene
 Concen: 19.880 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.1	141.3	
145	29.1	14.4	43.2	

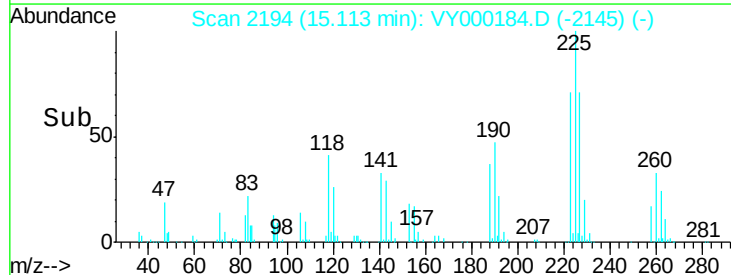
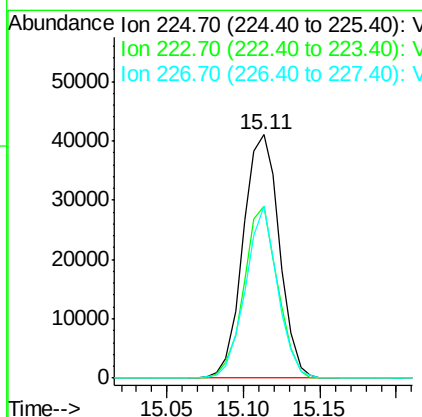
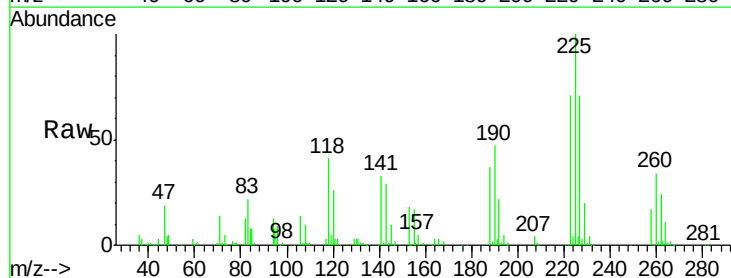
Manual Integrations
 APPROVED

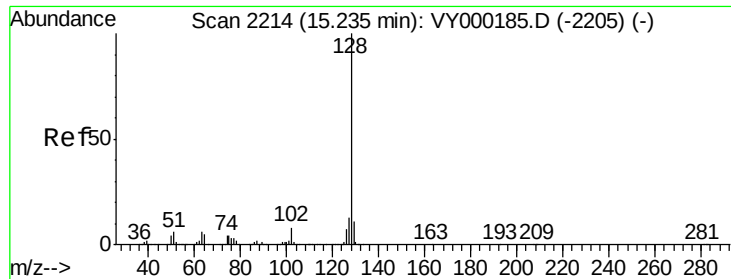
MMDadoda
 10/7/2019 12:50:51 PM



#94
 Hexachlorobutadiene
 Concen: 21.396 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000184.D
 Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	31.9	95.9	
227	62.7	32.1	96.3	





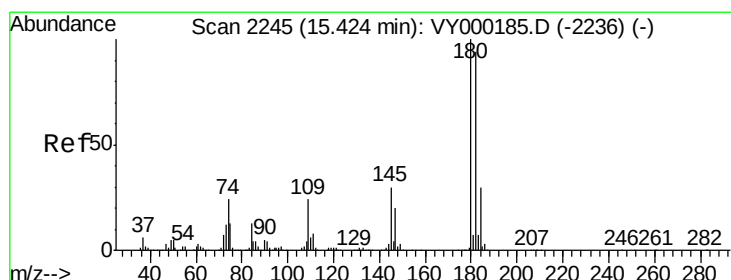
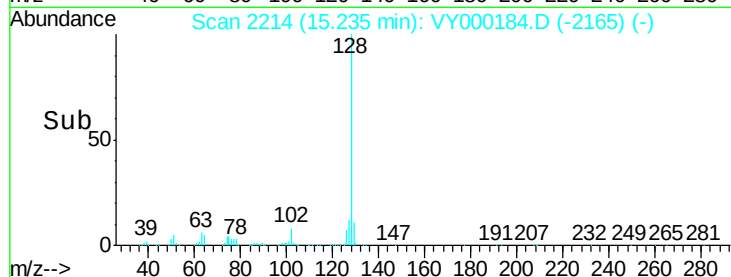
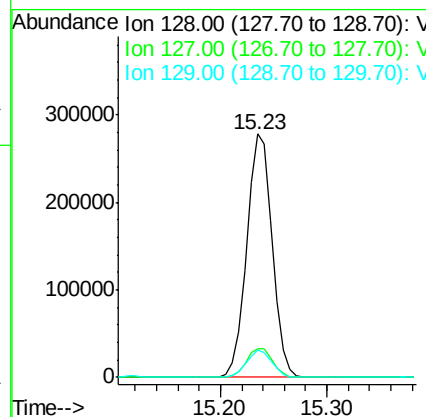
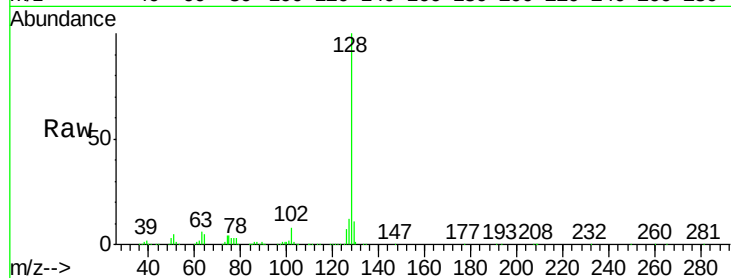
#95
Naphthalene
Concen: 19.484 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	466458		
127	12.4		9.9	14.9
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/7/2019 12:50:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.837 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000184.D
Acq: 03 Oct 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	133047		
182	94.3		47.7	143.1
145	30.8		15.4	46.2

