

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000542.D
 Acq On : 06 Nov 2019 11:51
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 10:39:08 AM

Quant Time: Nov 07 05:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	244901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	403638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	359962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138162	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.73	113	124122	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.18	98	494325	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.48	95	174035	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	43998	18.250	ug/l	95
3) Chloromethane	2.12	50	63591	19.148	ug/l	94
4) Vinyl Chloride	2.26	62	59067	19.153	ug/l	94
5) Bromomethane	2.65	94	46076	24.915	ug/l	92
6) Chloroethane	2.79	64	37768	19.568	ug/l	95
7) Trichlorofluoromethane	3.13	101	85936	20.634	ug/l	100
8) Diethyl Ether	3.53	74	29054	19.633	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	50911	20.219	ug/l	99
10) Methyl Iodide	4.10	142	43875	15.591	ug/l	99
11) Tert butyl alcohol	4.97	59	23455	95.072	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	50538	20.659	ug/l	97
13) Acrolein	3.73	56	17269	80.359	ug/l	97
14) Allyl chloride	4.48	41	82200	20.665	ug/l	96
15) Acrylonitrile	5.18	53	75393	99.452	ug/l	99
16) Acetone	3.96	43	57358	82.115	ug/l	94
17) Carbon Disulfide	4.20	76	156401	20.271	ug/l	100
18) Methyl Acetate	4.49	43	40518	18.655	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	134946	19.840	ug/l	100
20) Methylene Chloride	4.72	84	59616	19.918	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	56133	20.297	ug/l	98
22) Diisopropyl ether	6.13	45	173635	20.083	ug/l	94
23) Vinyl Acetate	6.07	43	553059	101.334	ug/l	96
24) 1,1-Dichloroethane	6.03	63	94195	20.110	ug/l	100
25) 2-Butanone	7.00	43	104615	93.844	ug/l	95
26) 2,2-Dichloropropane	6.99	77	88302	20.629	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	62269	20.591	ug/l	99
28) Bromochloromethane	7.34	49	24822	14.761	ug/l	99
29) Tetrahydrofuran	7.36	42	67300	98.683	ug/l	99
30) Chloroform	7.52	83	98022	20.687	ug/l	93
31) Cyclohexane	7.79	56	99974	20.379	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	86995	20.601	ug/l	99
36) 1,1-Dichloropropene	7.93	75	79252	20.769	ug/l	99
37) Ethyl Acetate	7.09	43	45478	20.075	ug/l	98
38) Carbon Tetrachloride	7.91	117	77929	21.224	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	101729	20.636	ug/l	96
40) Benzene	8.17	78	227641	20.349	ug/l	97
41) Methacrylonitrile	7.33	41	22836m	18.069	ug/l	
42) 1,2-Dichloroethane	8.25	62	65500	20.643	ug/l	100
43) Isopropyl Acetate	8.28	43	85922	20.190	ug/l	100
44) Trichloroethene	8.94	130	60818	20.619	ug/l	99
45) 1,2-Dichloropropane	9.22	63	55158	20.033	ug/l	93
46) Dibromomethane	9.31	93	30908	20.412	ug/l	99
47) Bromodichloromethane	9.50	83	73504	20.458	ug/l	98
48) Methyl methacrylate	9.30	41	36819	19.802	ug/l	98
49) 1,4-Dioxane	9.32	88	8203	402.516	ug/l	88
51) 4-Methyl-2-Pentanone	10.08	43	229382	101.378	ug/l	99
52) Toluene	10.25	92	145617	20.588	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	77177	20.103	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	90646	20.611	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	45533	20.790	ug/l	91
56) Ethyl methacrylate	10.51	69	61308	19.750	ug/l	97
57) 1,3-Dichloropropane	10.79	76	79924	20.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	137267	97.813	ug/l	98
59) 2-Hexanone	10.83	43	162504	98.574	ug/l	99
60) Dibromochloromethane	10.99	129	50817	20.257	ug/l	99
61) 1,2-Dibromoethane	11.09	107	42972	20.406	ug/l	96
64) Tetrachloroethene	10.72	164	60600	20.360	ug/l	98
65) Chlorobenzene	11.52	112	150146	20.573	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	53065	20.965	ug/l	98
67) Ethyl Benzene	11.59	91	277370	20.650	ug/l	98
68) m/p-Xylenes	11.70	106	214919	41.341	ug/l	99
69) o-Xylene	12.03	106	99320	20.328	ug/l	99
70) Styrene	12.05	104	173339	20.719	ug/l	99
71) Bromoform	12.21	173	29981	20.594	ug/l #	98
73) Isopropylbenzene	12.33	105	273751	21.153	ug/l	100
74) N-amyl acetate	12.14	43	76529	20.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	53121	20.731	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39588m	19.856	ug/l	
77) Bromobenzene	12.61	156	61268	20.877	ug/l	96
78) n-propylbenzene	12.67	91	328167	21.016	ug/l	100
79) 2-Chlorotoluene	12.75	91	180853	20.863	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232302	21.553	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17924	20.157	ug/l	96
82) 4-Chlorotoluene	12.85	91	190406	21.190	ug/l	98
83) tert-Butylbenzene	13.08	119	193272	21.001	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	229902	21.423	ug/l	99
85) sec-Butylbenzene	13.25	105	277223	21.143	ug/l	99
86) p-Isopropyltoluene	13.37	119	249181	21.324	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	122848	21.371	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	122008	21.241	ug/l	100
89) n-Butylbenzene	13.70	91	242223	21.016	ug/l	100
90) Hexachloroethane	13.96	117	45009	20.834	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	109452	20.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9690	21.367	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	74422	20.957	ug/l	99
94) Hexachlorobutadiene	15.11	225	40057	21.882	ug/l	98
95) Naphthalene	15.23	128	165128	20.946	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66798	20.966	ug/l	99

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

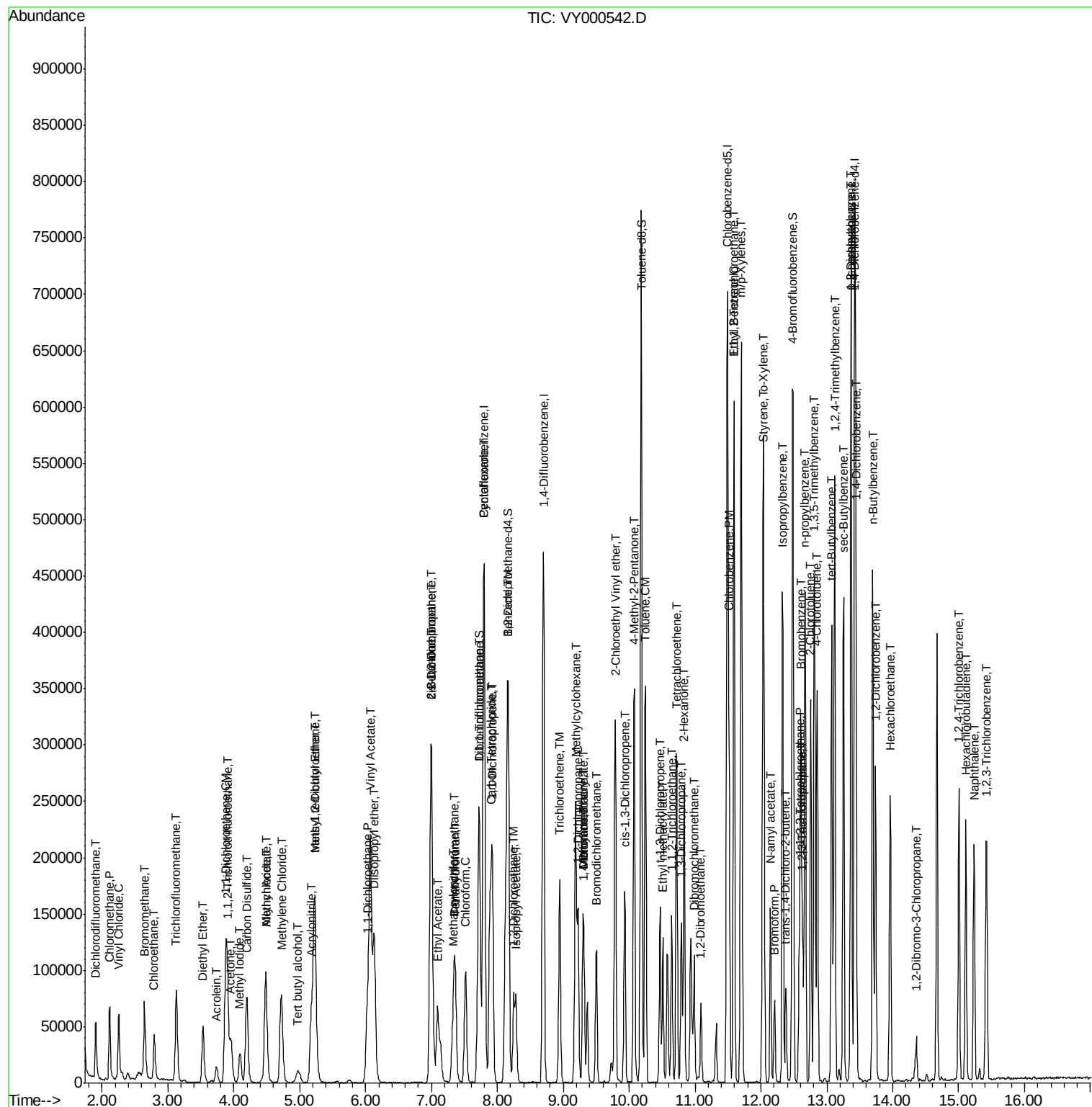
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
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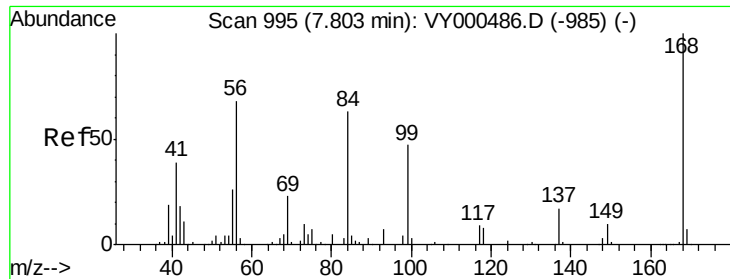
Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion:168 Resp: 244901

Ion Ratio Lower Upper

168 100

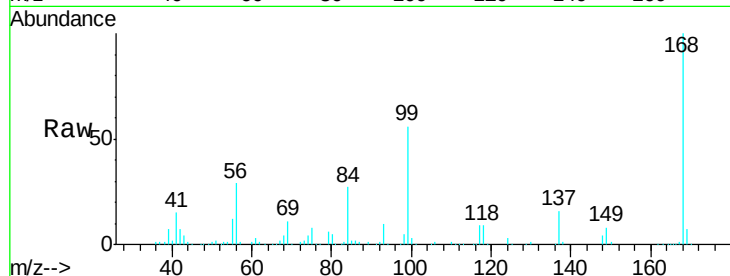
99 56.5 45.7 68.5

Manual Integrations

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11/8/2019 10:39:08 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000542.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000542.D (-946) (-)

7.80

120000

100000

80000

60000

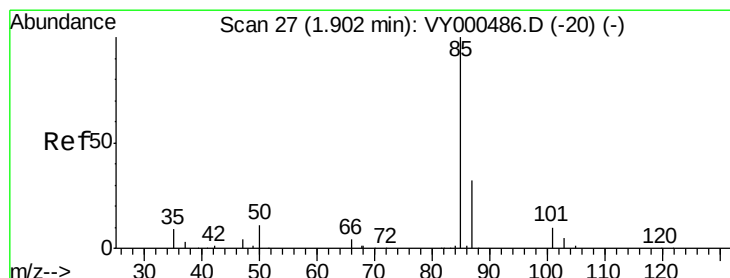
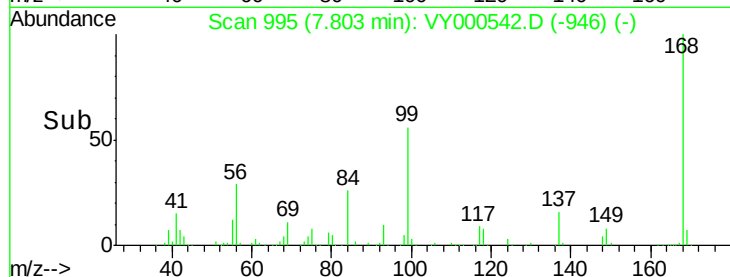
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.250 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000542.D

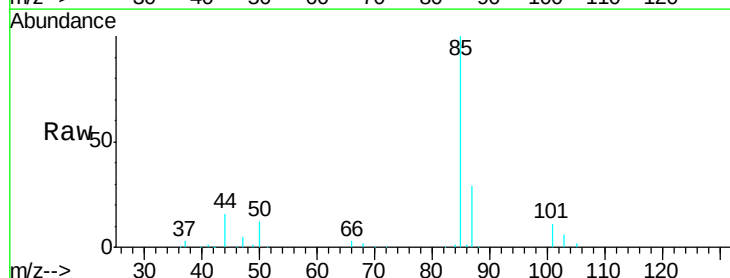
Acq: 06 Nov 2019 11:51

Tgt Ion: 85 Resp: 43998

Ion Ratio Lower Upper

85 100

87 28.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000542.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000542.D (-1) (-)

1.90

30000

25000

20000

15000

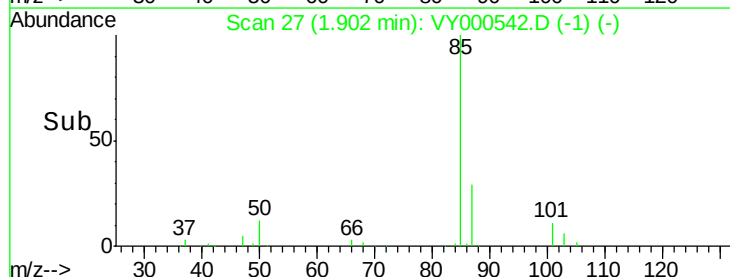
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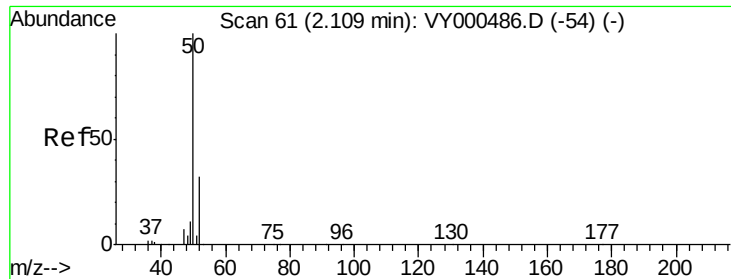
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.148 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 50 Resp: 63591

Ion Ratio Lower Upper

50 100

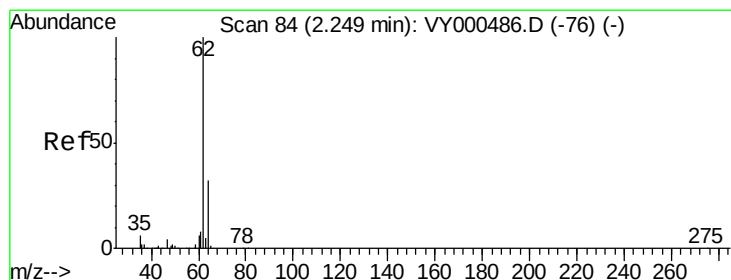
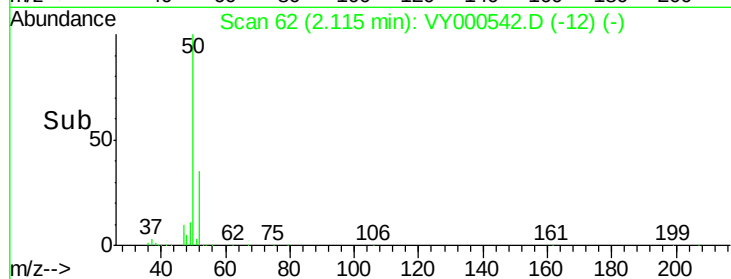
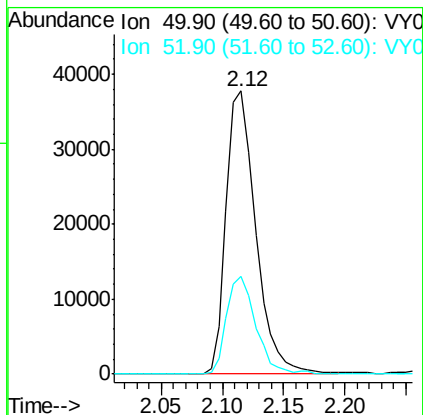
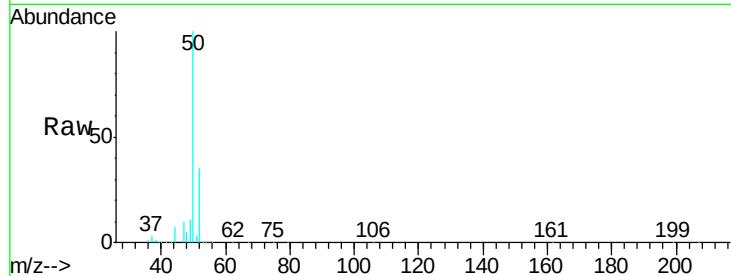
52 34.7 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.153 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000542.D

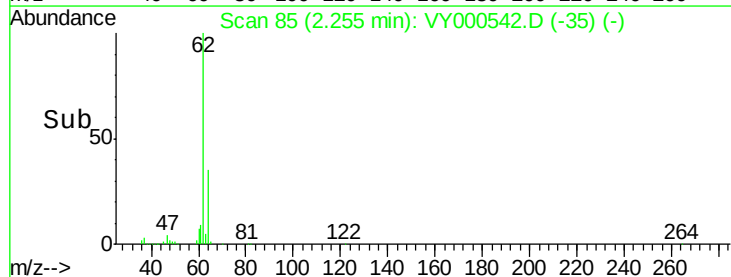
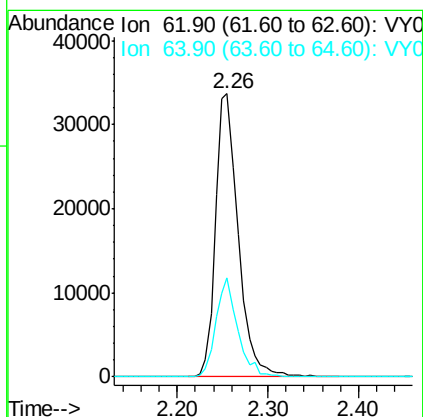
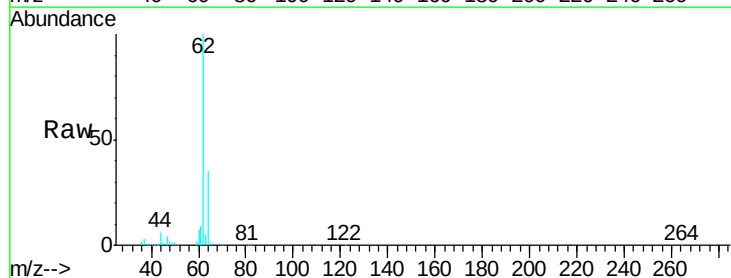
Acq: 06 Nov 2019 11:51

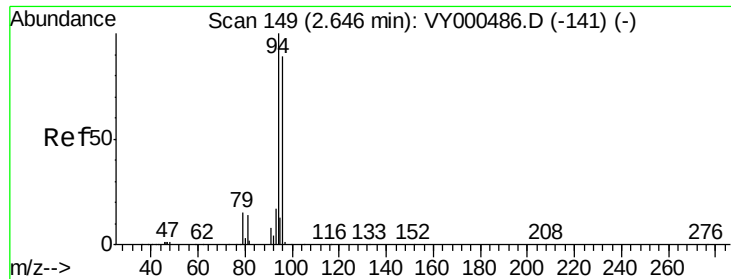
Tgt Ion: 62 Resp: 59067

Ion Ratio Lower Upper

62 100

64 35.1 25.2 37.8





#5

Bromomethane

Concen: 24.915 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 94 Resp: 46076

Ion Ratio Lower Upper

94 100

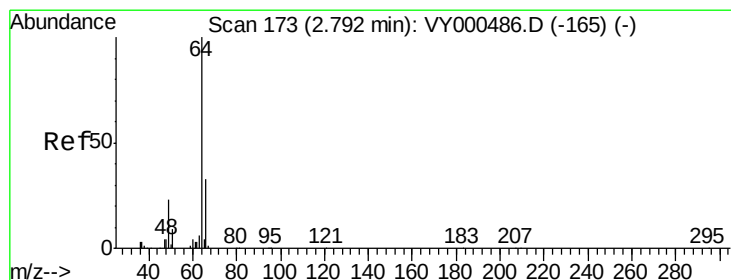
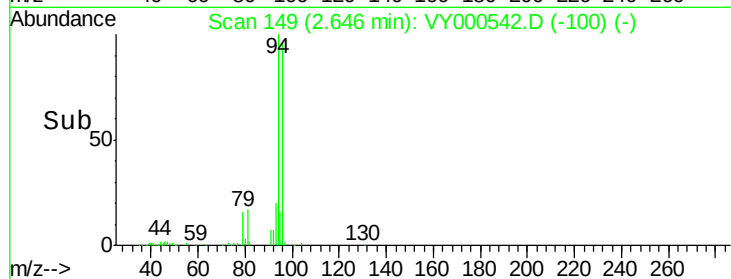
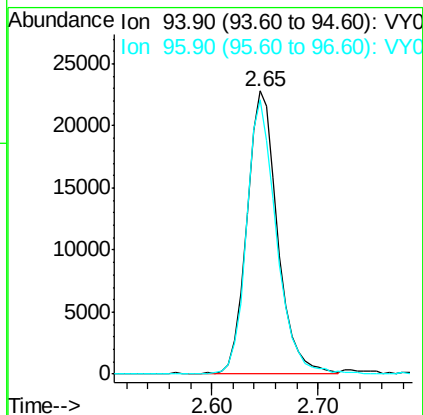
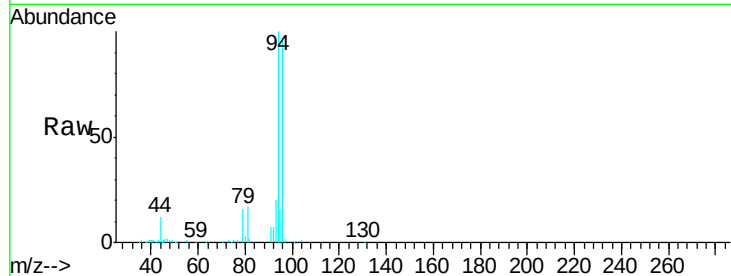
96 96.7 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 19.568 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000542.D

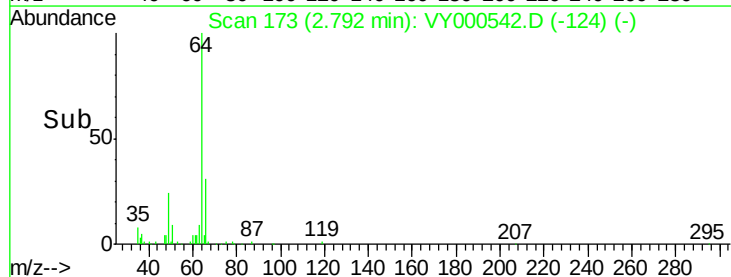
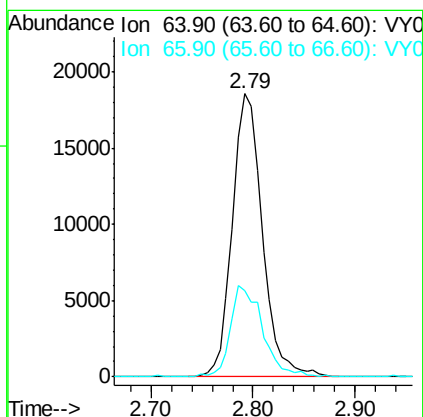
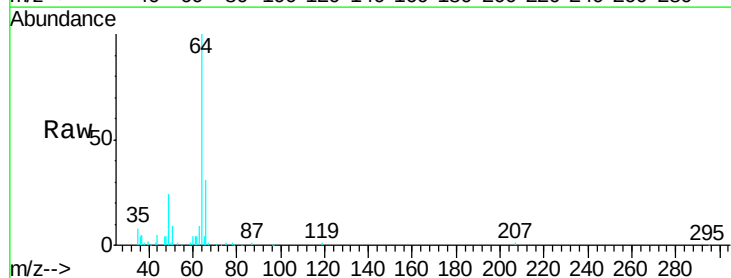
Acq: 06 Nov 2019 11:51

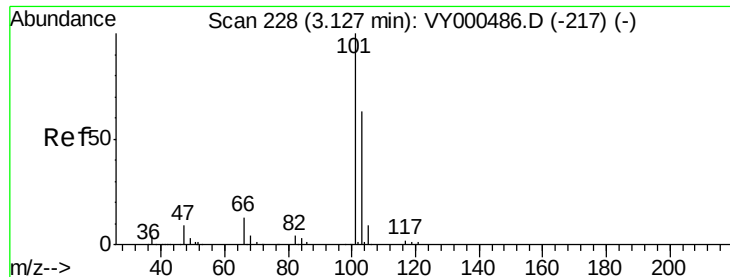
Tgt Ion: 64 Resp: 37768

Ion Ratio Lower Upper

64 100

66 30.6 26.6 40.0





#7

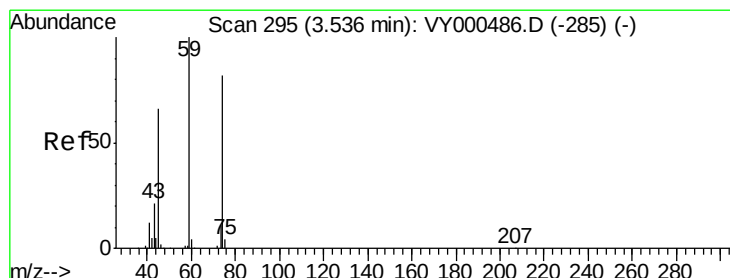
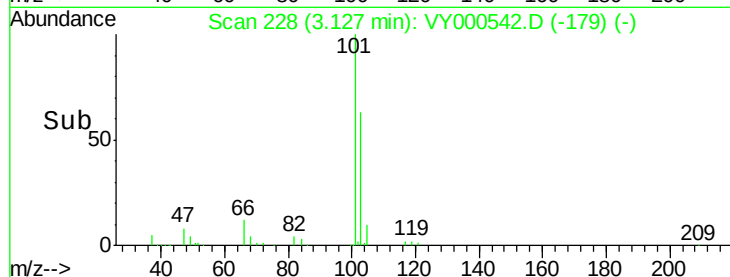
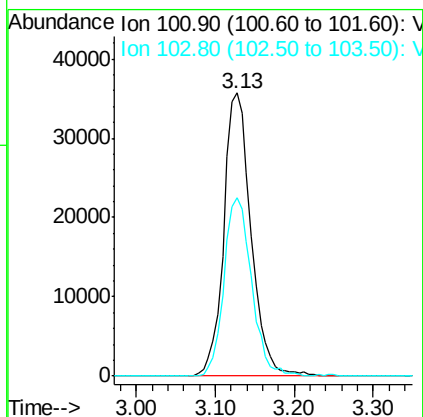
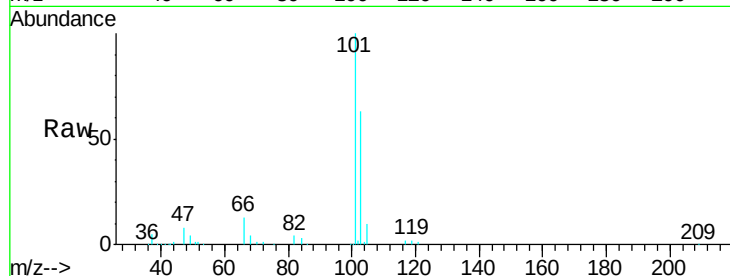
Trichlorofluoromethane
 Concen: 20.634 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.5	75.7

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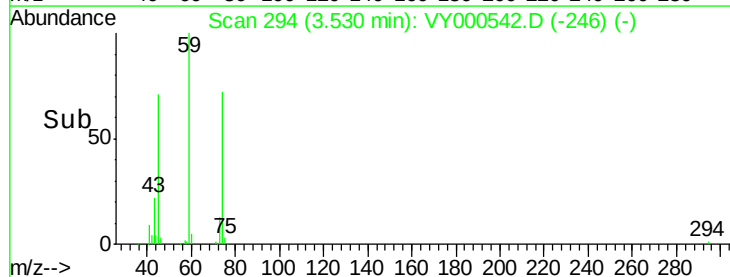
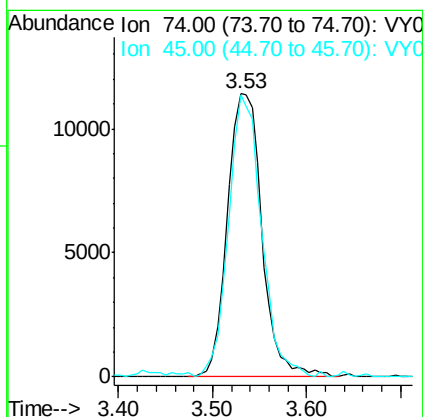
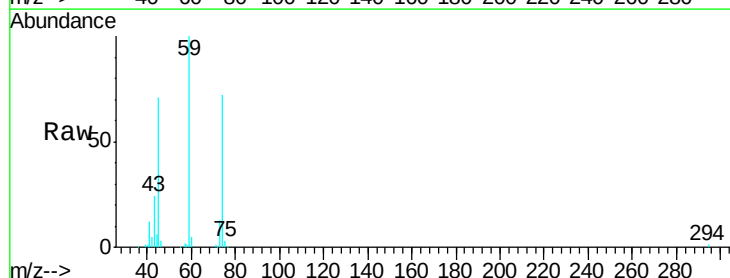
MMDadoda
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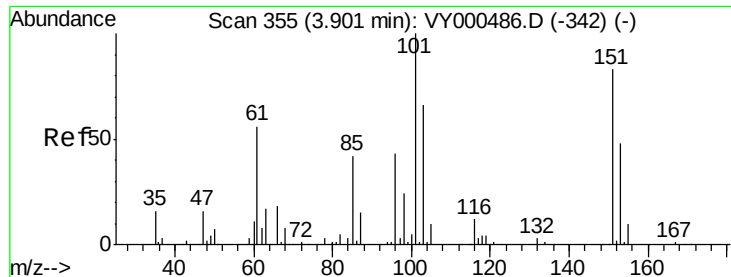


#8

Diethyl Ether
 Concen: 19.633 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000542.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.219 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

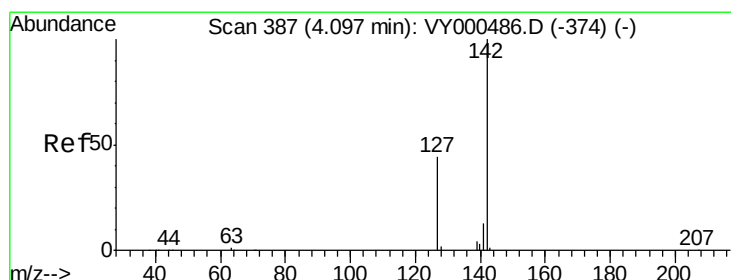
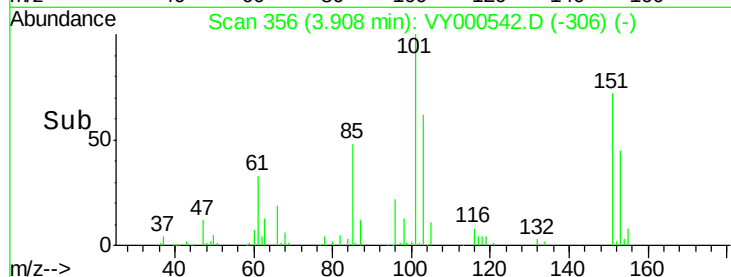
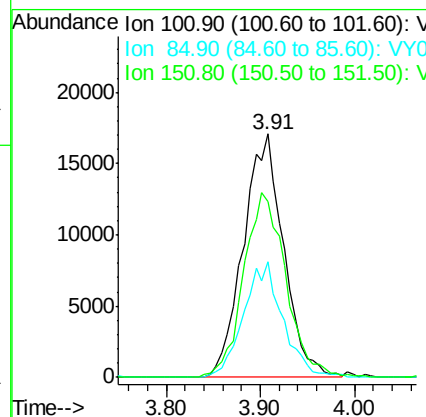
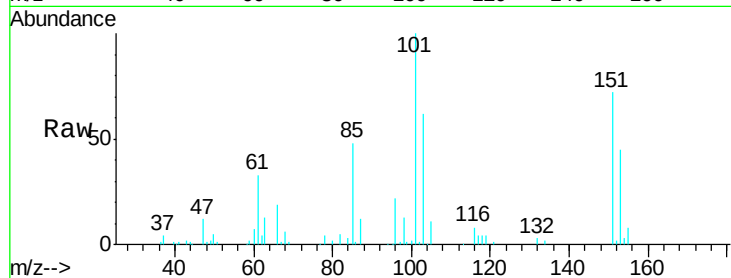
ClientSampleId :

VY1106SBS01

Tgt Ion:	101	Resp:	50911
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.7	55.1
151	79.8	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 15.591 ug/l

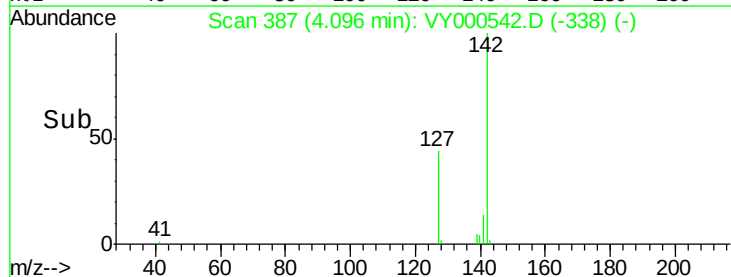
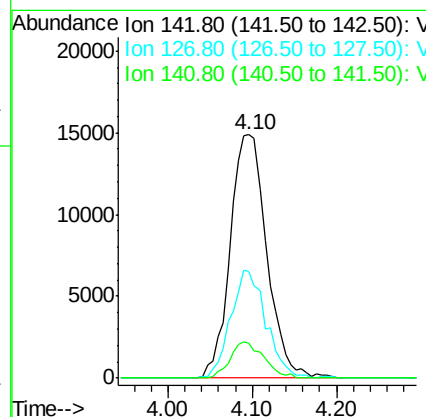
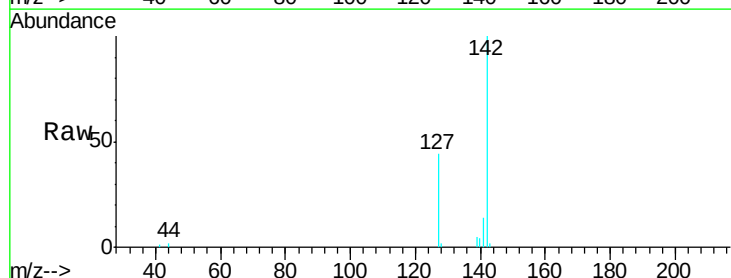
RT: 4.10 min Scan# 387

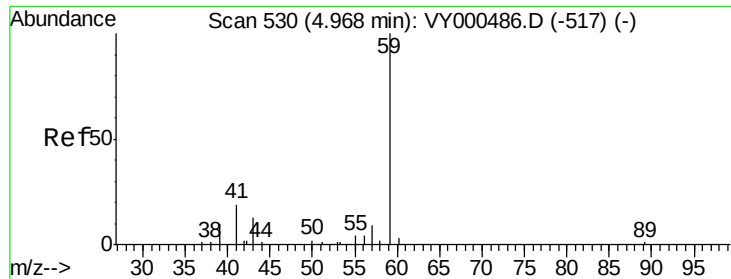
Delta R.T. 0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion:	142	Resp:	43875
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.7	50.5
141	13.6	10.9	16.3





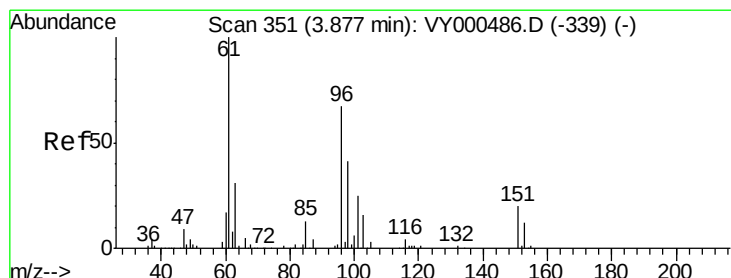
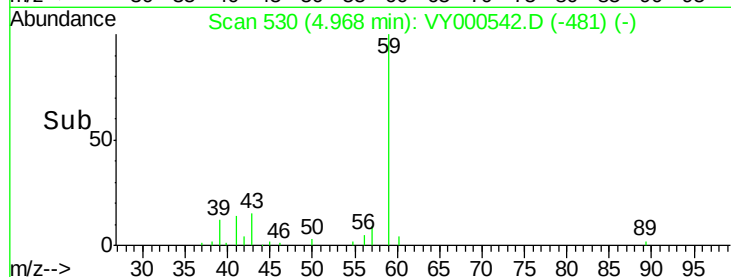
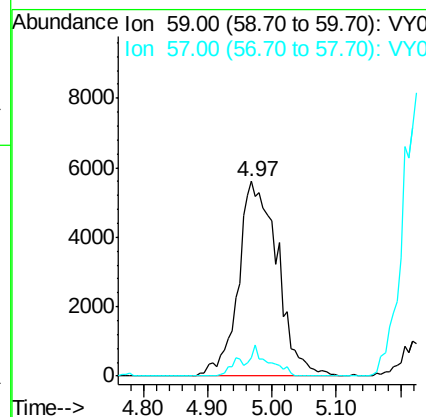
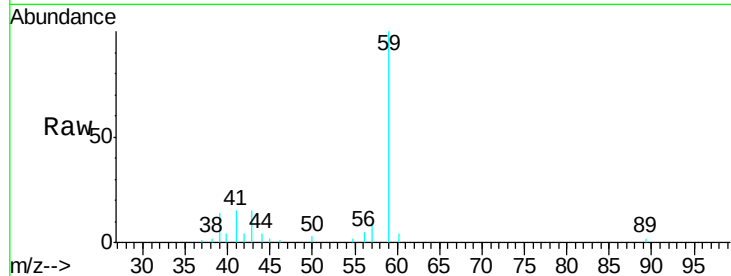
#11
Tert butyl alcohol
Concen: 95.072 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	7.4	8.6	12.8#

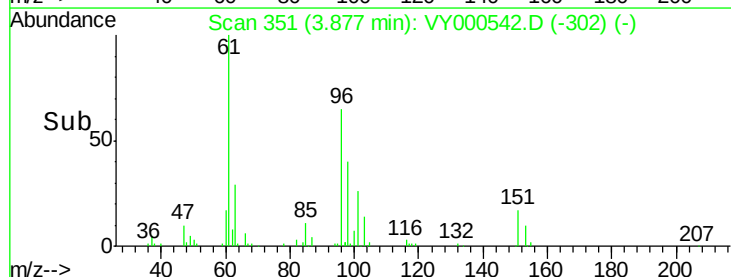
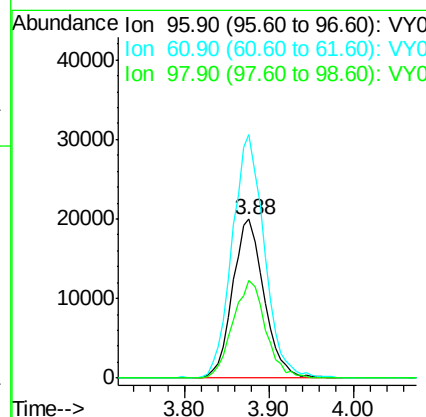
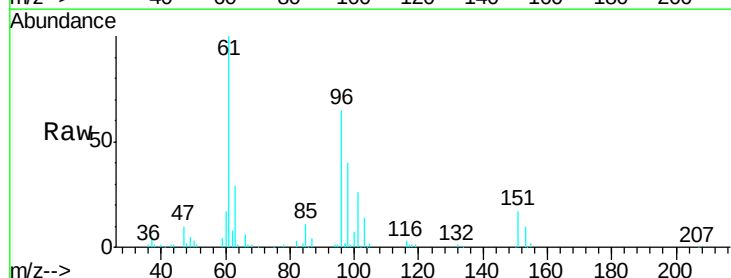
Manual Integrations
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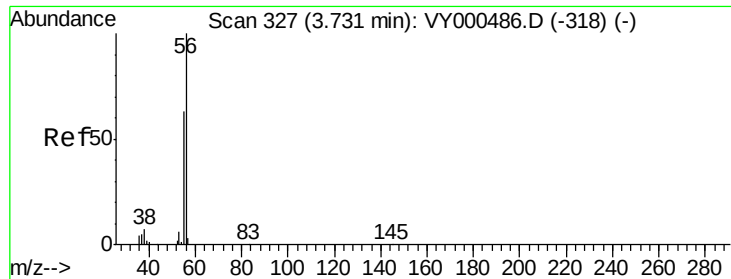
MMDadoda
11/8/2019 10:39:08 AM



#12
1,1-Dichloroethene
Concen: 20.659 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.2	119.2	178.8
98	61.5	48.6	73.0





#13

Acrolein

Concen: 80.359 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 56 Resp: 17269

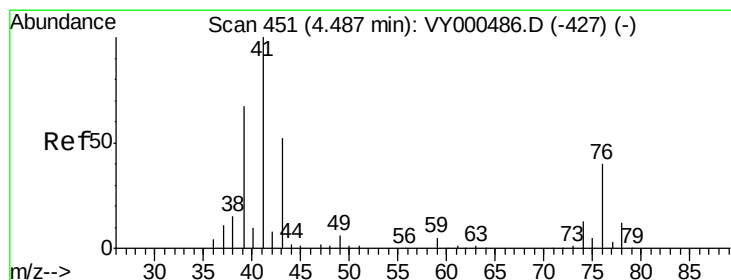
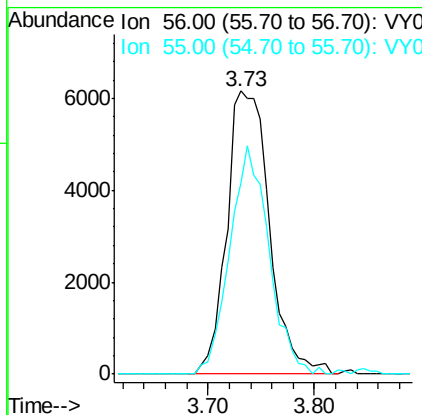
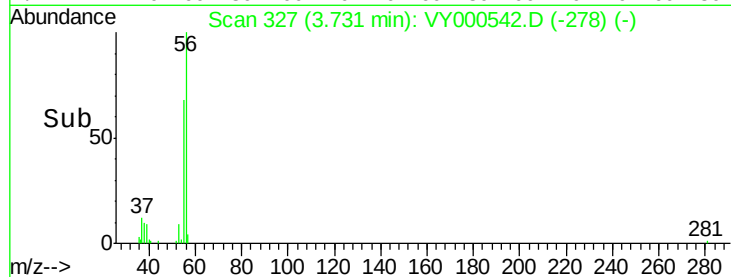
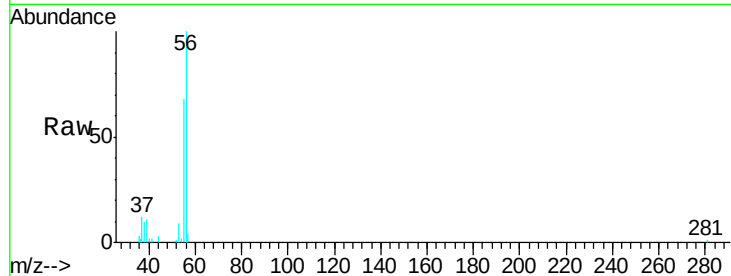
Ion Ratio Lower Upper

56 100

55 74.1 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 20.665 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

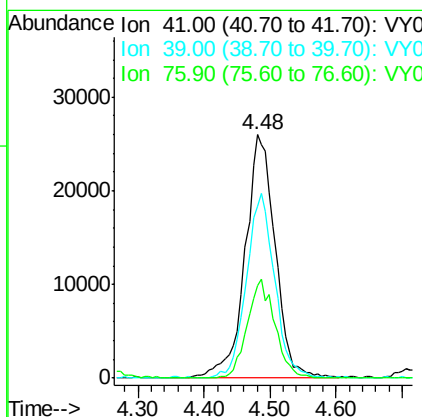
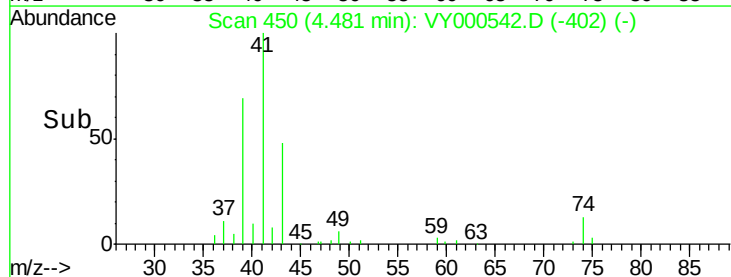
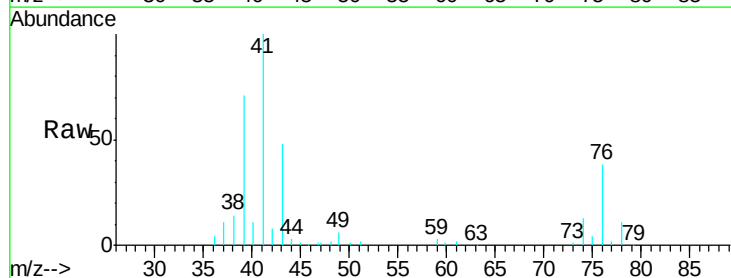
Tgt Ion: 41 Resp: 82200

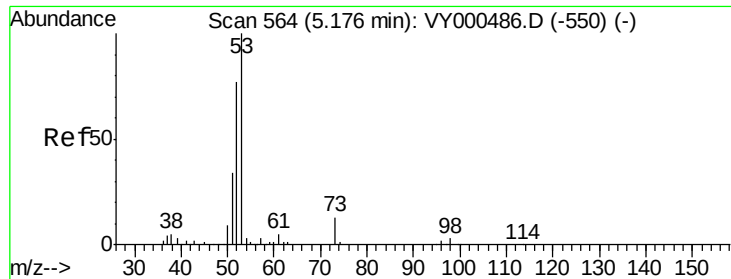
Ion Ratio Lower Upper

41 100

39 71.5 53.6 80.4

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 99.452 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

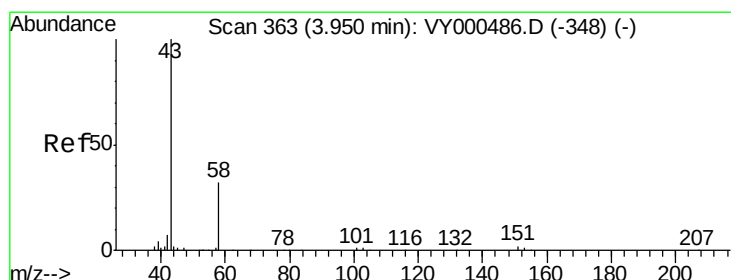
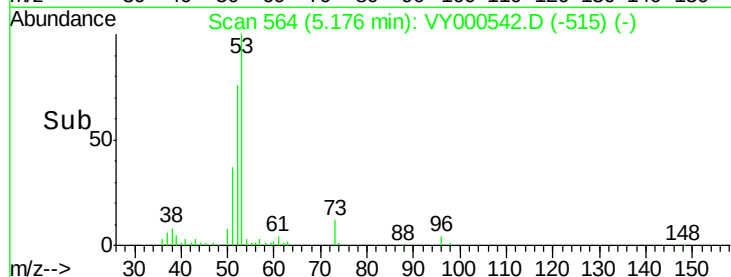
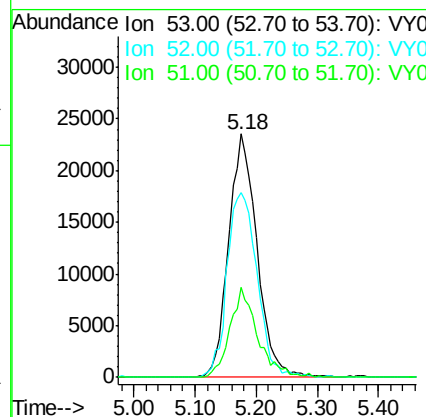
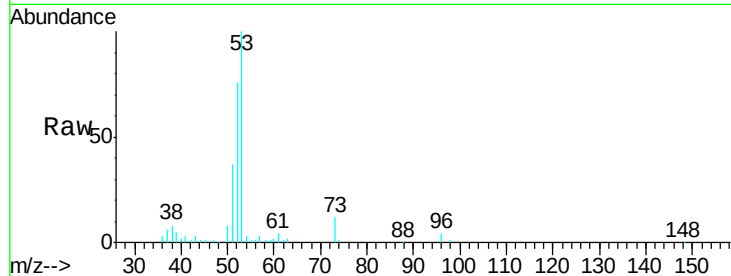
ClientSampleId :

VY1106SBS01

Tgt Ion:	53	Resp:	75393
Ion	Ratio	Lower	Upper
53	100		
52	80.4	64.9	97.3
51	35.5	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 82.115 ug/l

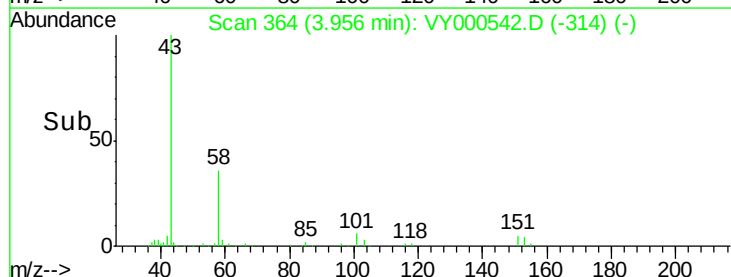
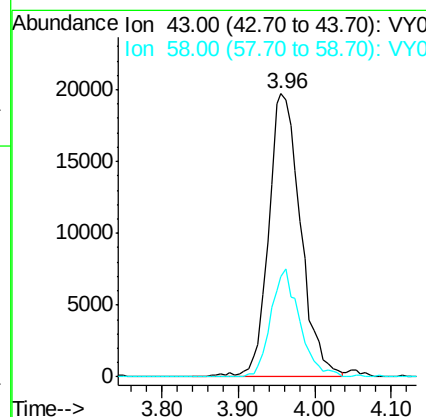
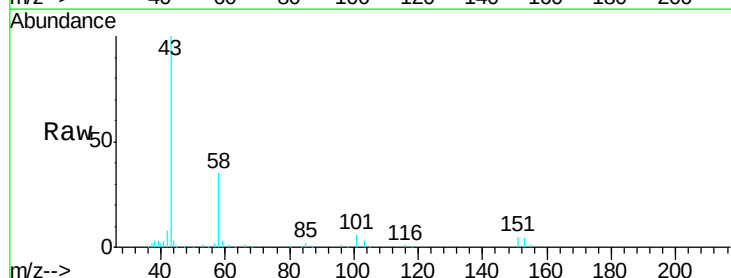
RT: 3.96 min Scan# 364

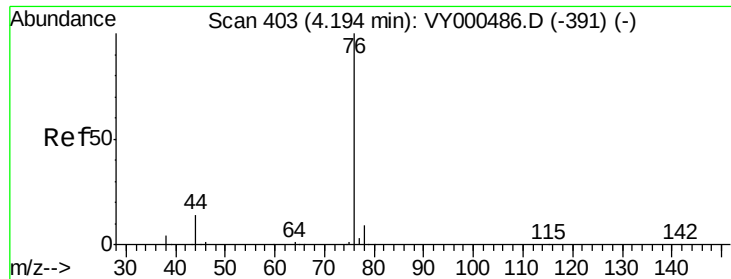
Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion:	43	Resp:	57358
Ion	Ratio	Lower	Upper
43	100		
58	35.4	25.8	38.6





#17

Carbon Disulfide

Concen: 20.271 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 76 Resp: 156401

Ion Ratio Lower Upper

76 100

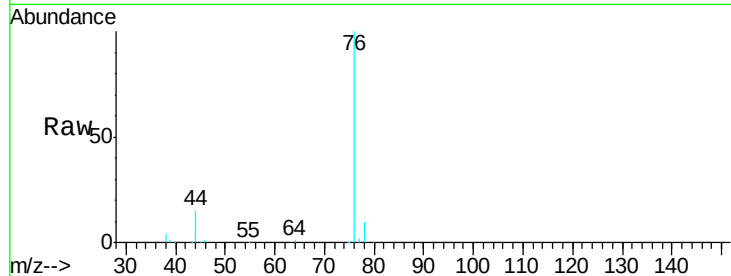
78 9.5 7.5 11.3

Manual Integrations

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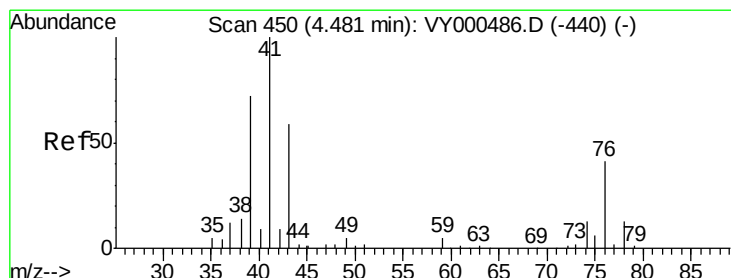
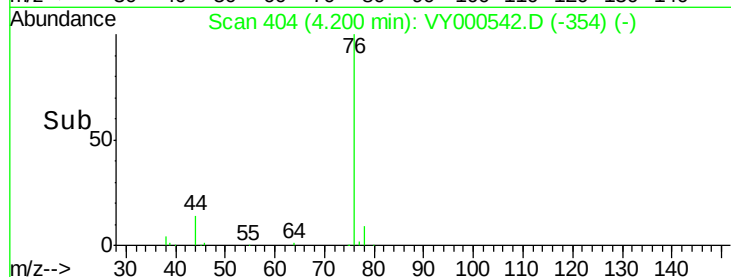
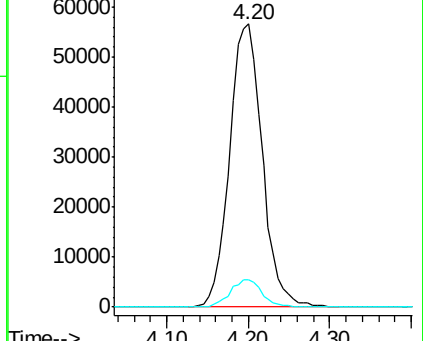
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11/8/2019 10:39:08 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.655 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000542.D

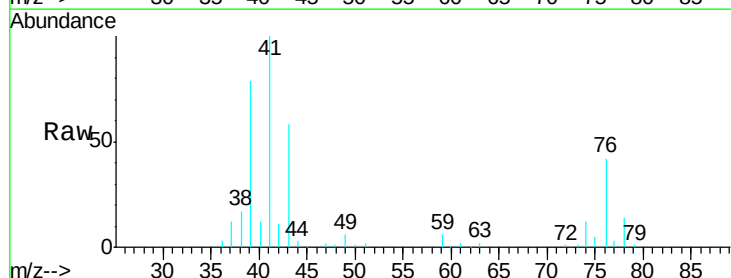
Acq: 06 Nov 2019 11:51

Tgt Ion: 43 Resp: 40518

Ion Ratio Lower Upper

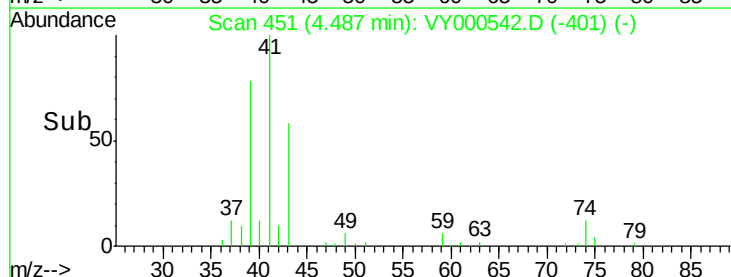
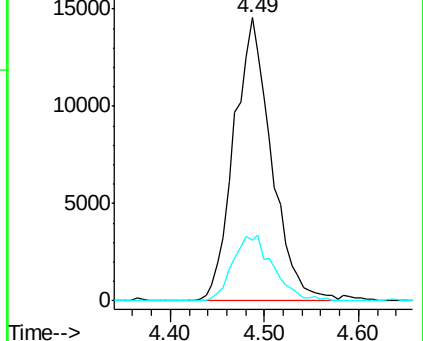
43 100

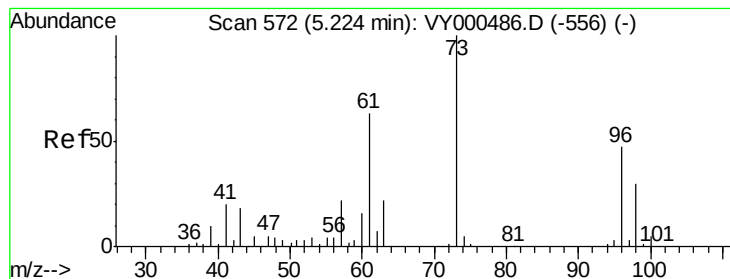
74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

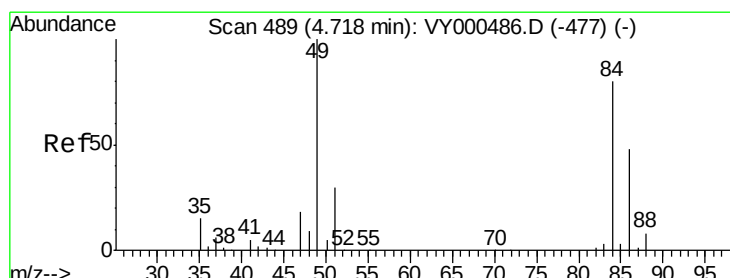
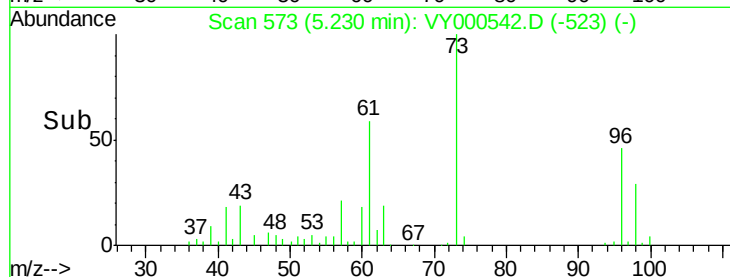
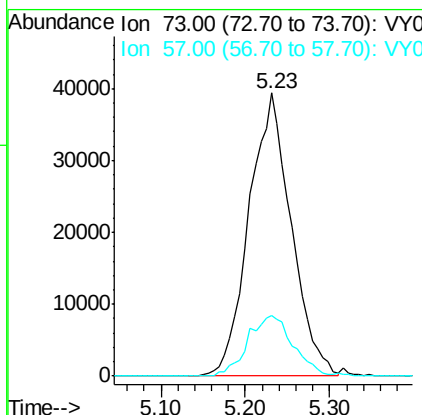
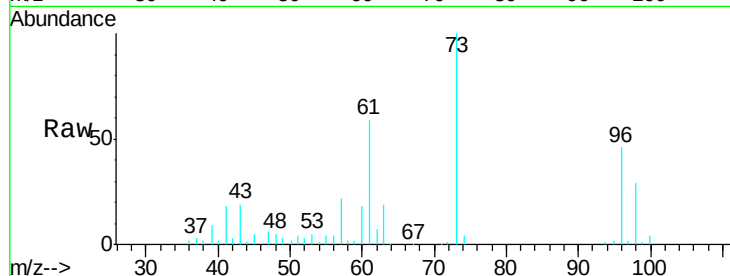
Methyl tert-butyl Ether
 Concen: 19.840 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 73 Resp: 134946
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.0

Manual Integrations
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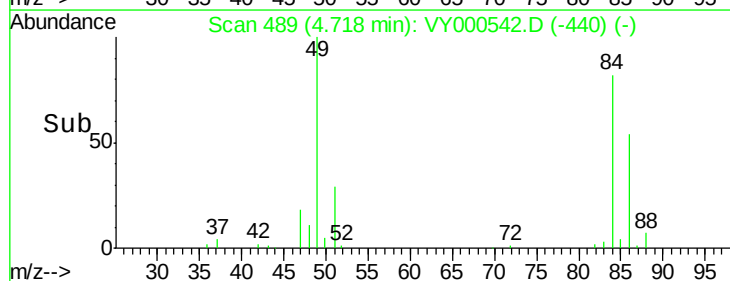
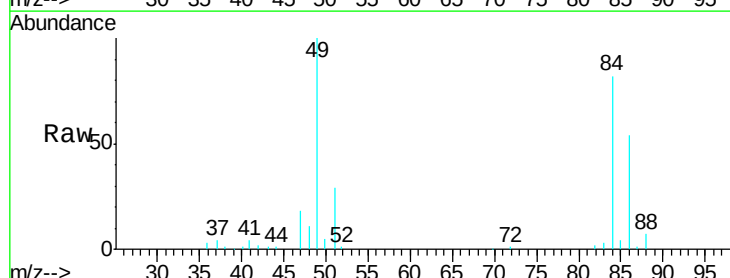
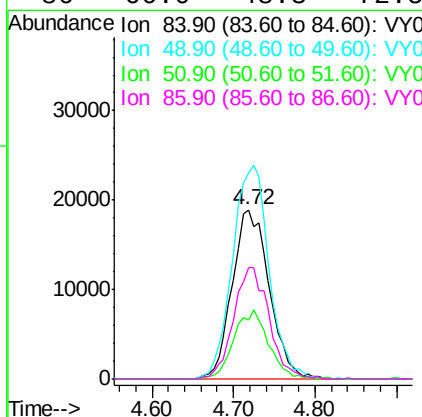
MMDadoda
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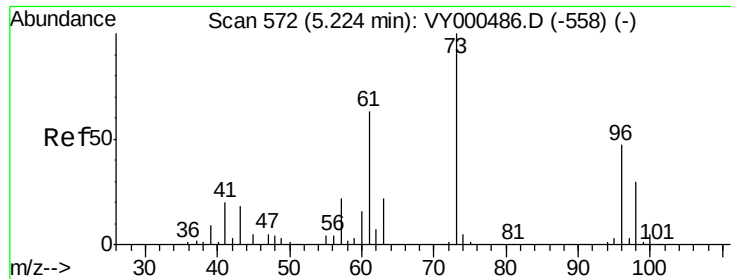


#20

Methylene Chloride
 Concen: 19.918 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 84 Resp: 59616
 Ion Ratio Lower Upper
 84 100
 49 121.3 100.2 150.4
 51 35.0 29.6 44.4
 86 66.0 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.297 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

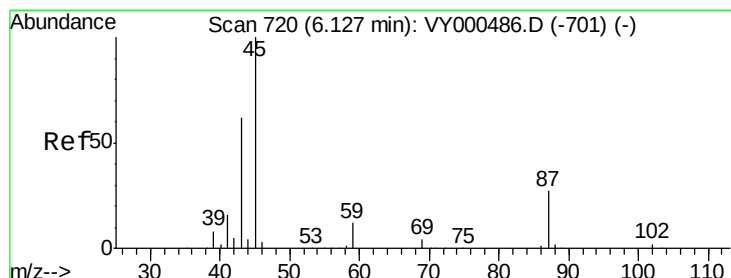
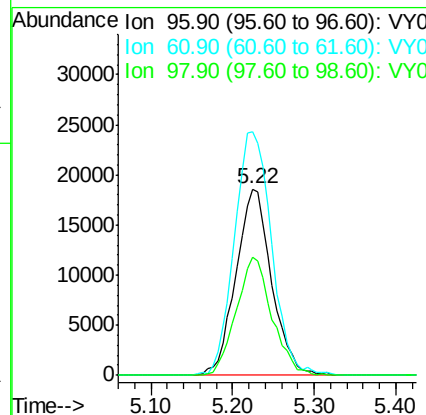
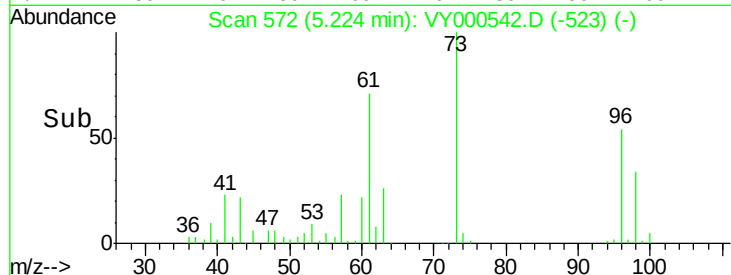
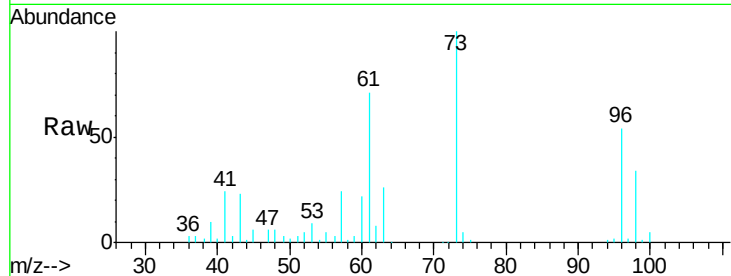
ClientSampleId :

VY1106SBS01

Tgt Ion:	96	Resp:	56133
Ion	Ratio	Lower	Upper
96	100		
61	130.8	106.6	160.0
98	63.6	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.083 ug/l

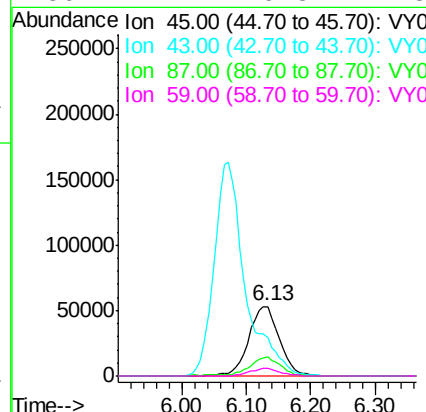
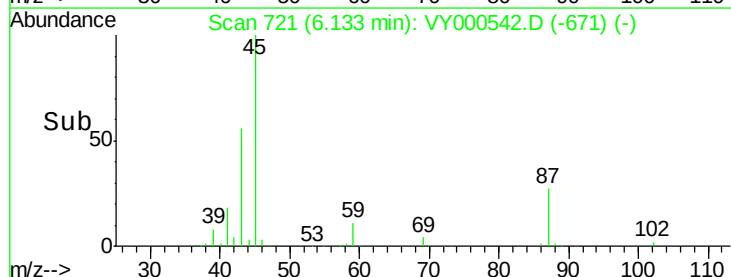
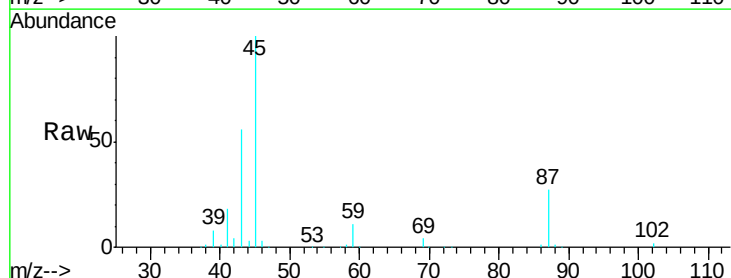
RT: 6.13 min Scan# 721

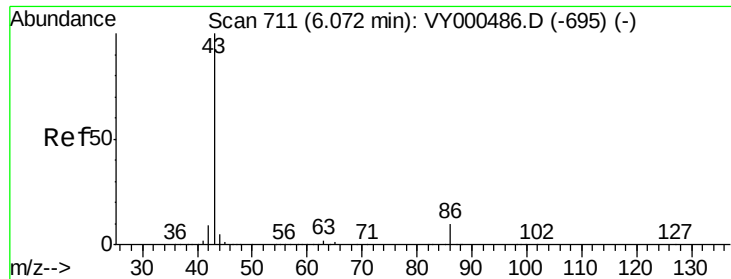
Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion:	45	Resp:	173635
Ion	Ratio	Lower	Upper
45	100		
43	55.5	50.0	75.0
87	27.3	21.6	32.4
59	11.2	9.5	14.3





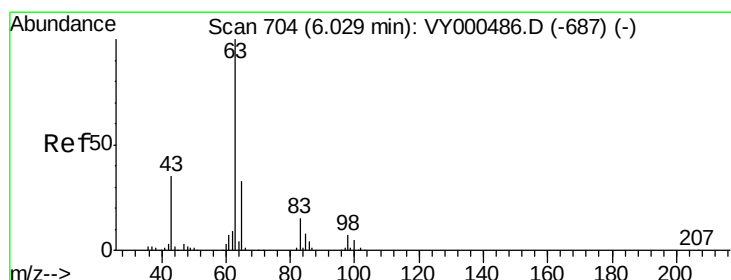
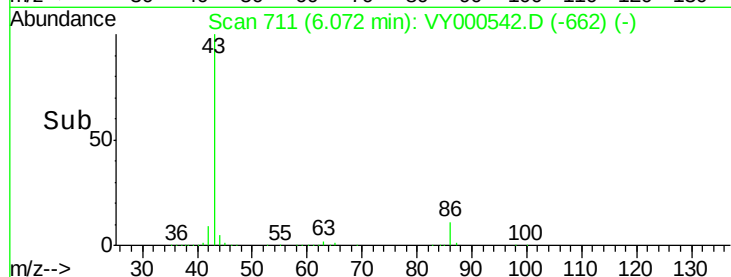
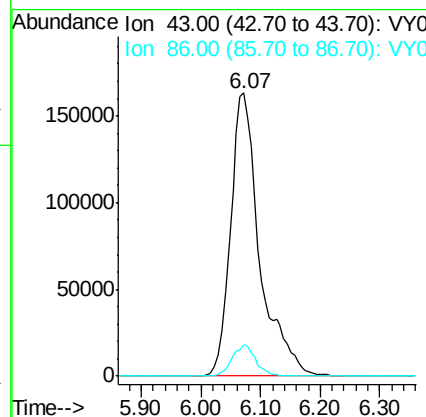
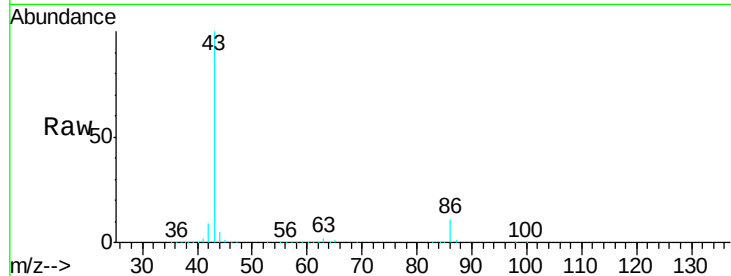
#23
 Vinyl Acetate
 Concen: 101.334 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	553059		
86	11.2		7.8	11.6

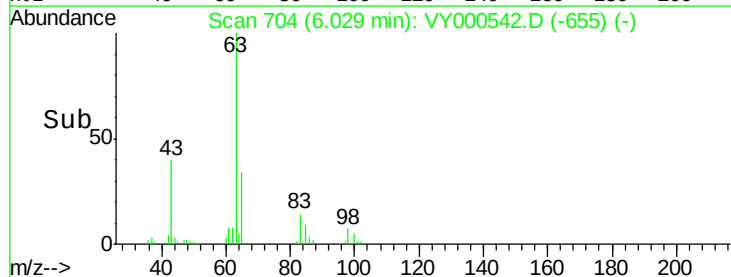
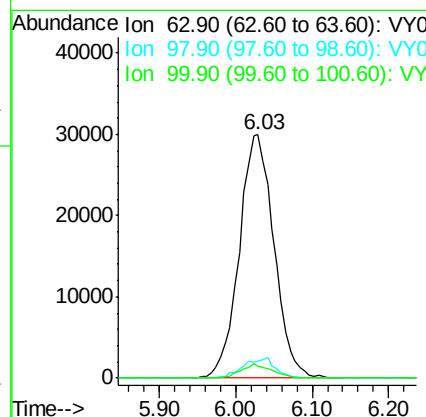
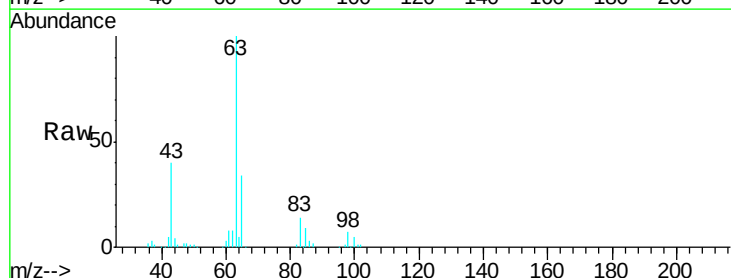
Manual Integrations
 APPROVED

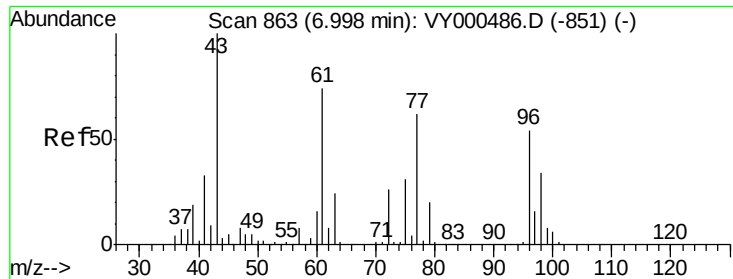
MMDadoda
 11/8/2019 10:39:08 AM



#24
 1,1-Dichloroethane
 Concen: 20.110 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	94195		
98	7.0		3.5	10.6
100	4.7		2.4	7.1





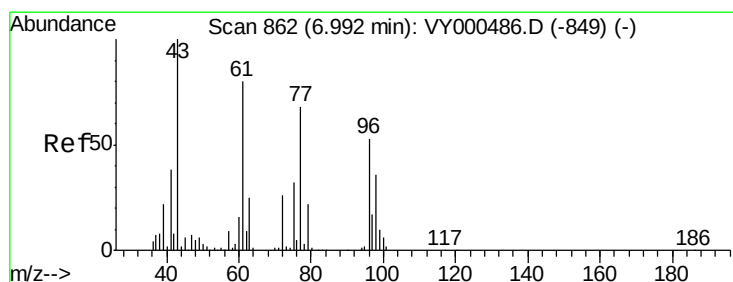
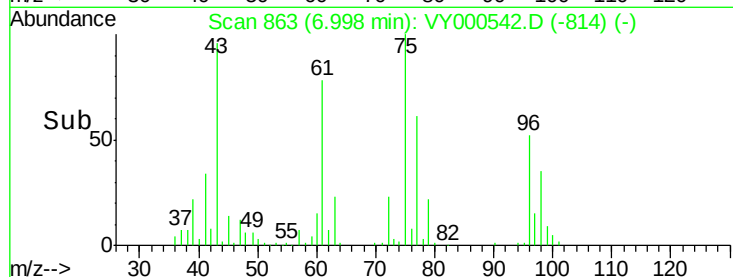
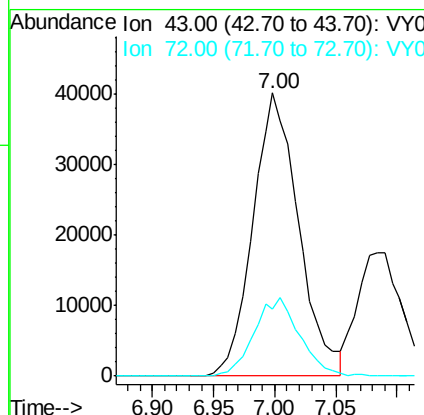
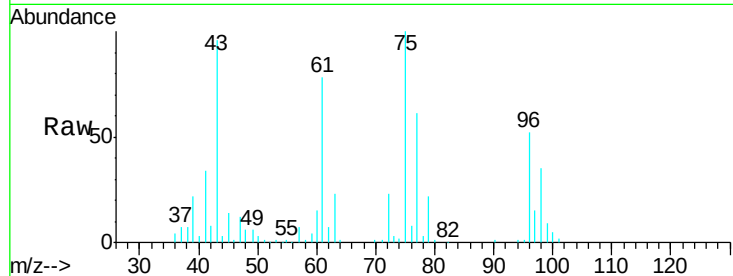
#25
2-Butanone
Concen: 93.844 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 43 Resp: 104615
Ion Ratio Lower Upper
43 100
72 23.6 20.9 31.3

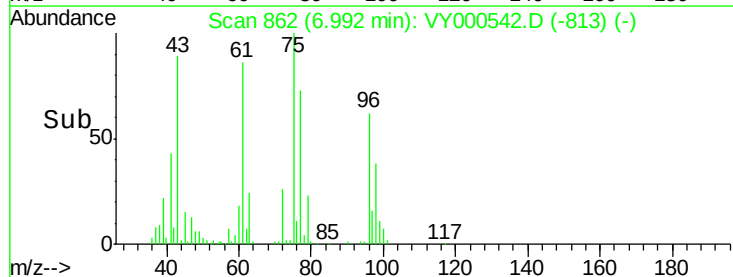
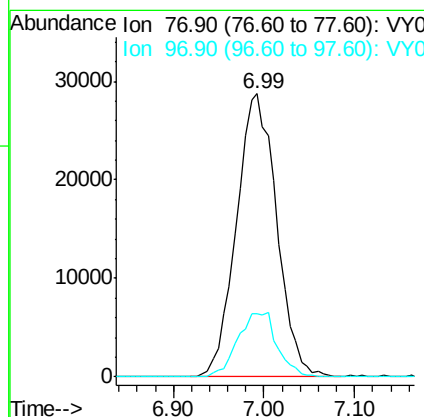
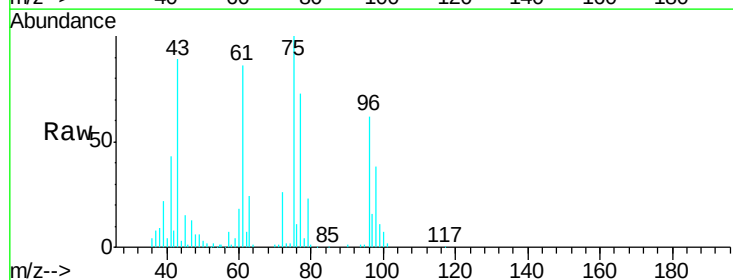
Manual Integrations
APPROVED

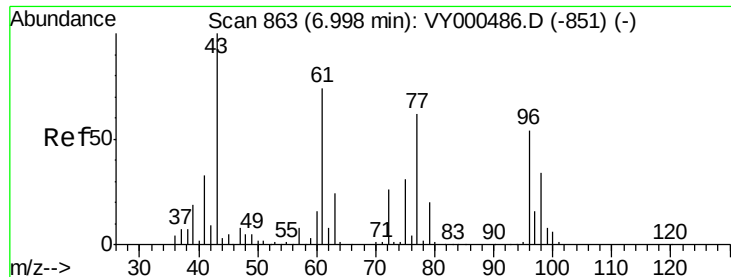
MMDadoda
11/8/2019 10:39:08 AM



#26
2,2-Dichloropropane
Concen: 20.629 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 77 Resp: 88302
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4





#27

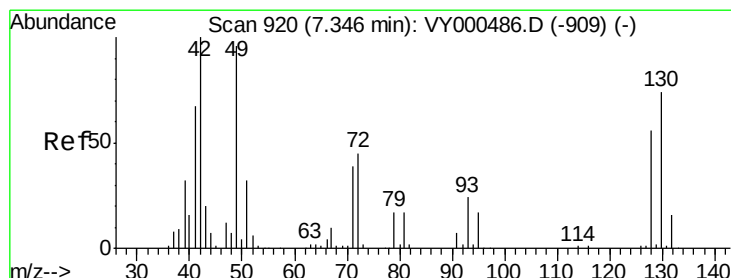
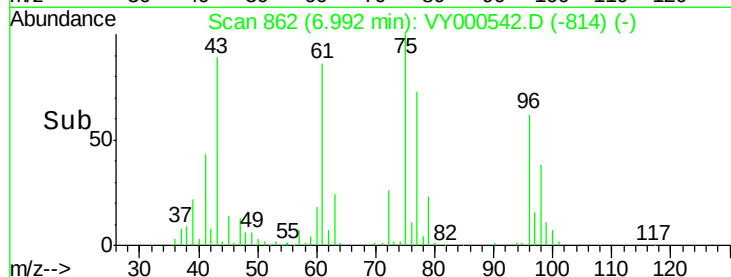
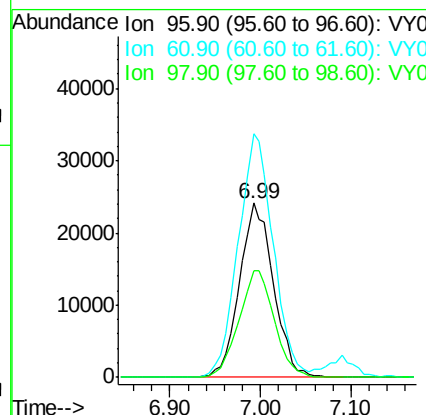
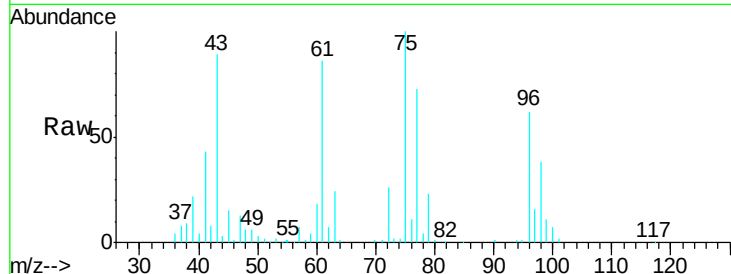
cis-1,2-Dichloroethene
Concen: 20.591 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	287.0
98	64.0	0.0	129.4

Manual Integrations
APPROVED

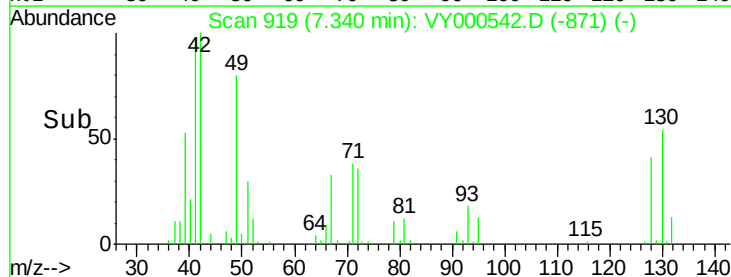
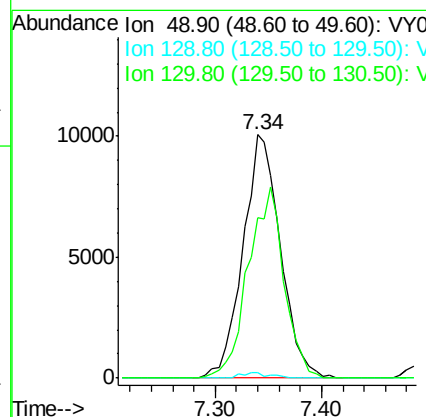
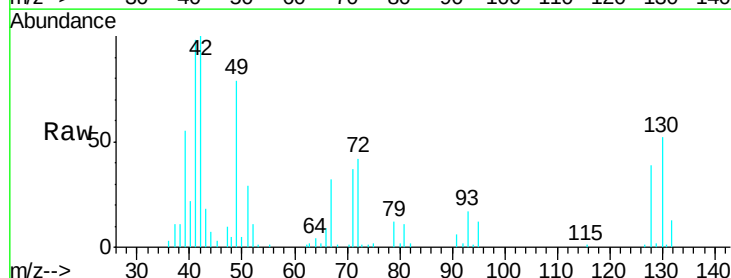
MMDadoda
11/8/2019 10:39:08 AM

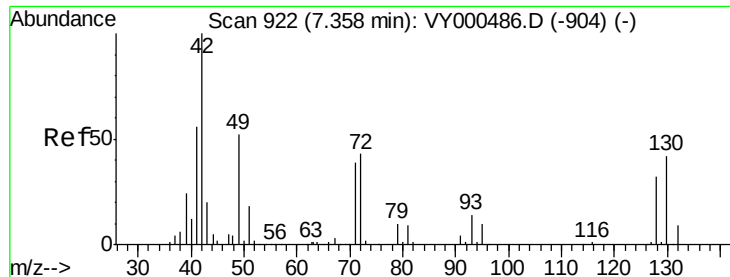


#28

Bromochloromethane
Concen: 14.761 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	75.1	59.4	89.0





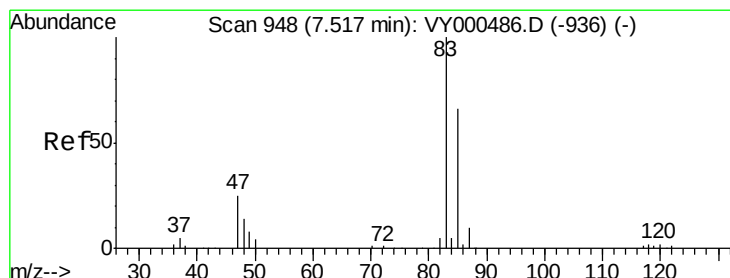
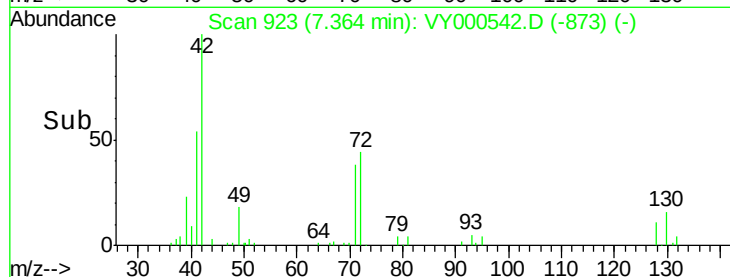
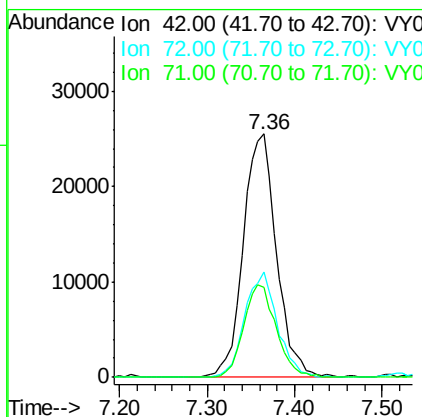
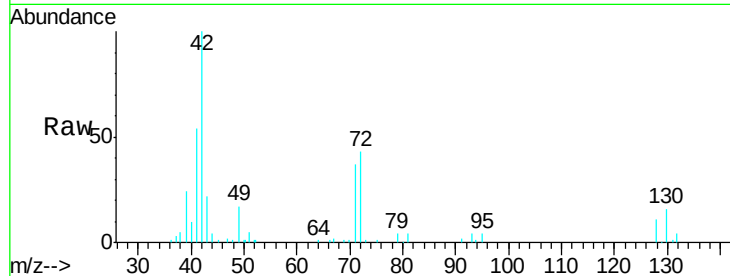
#29
Tetrahydrofuran
Concen: 98.683 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.0	51.0
71	37.5	30.8	46.2

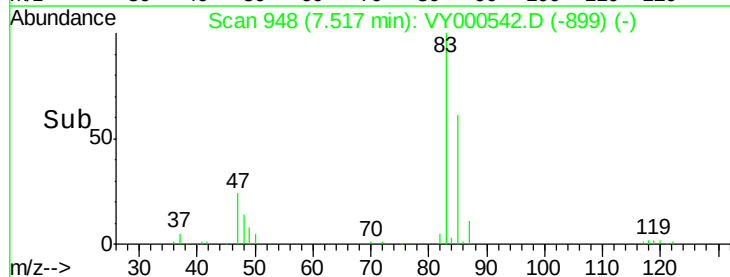
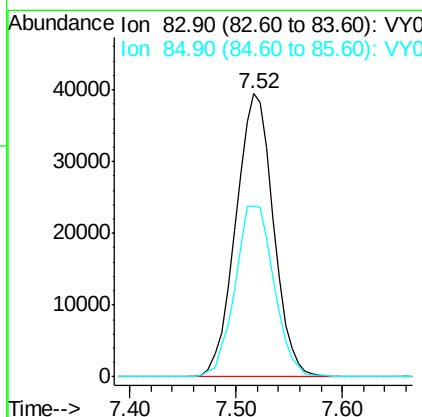
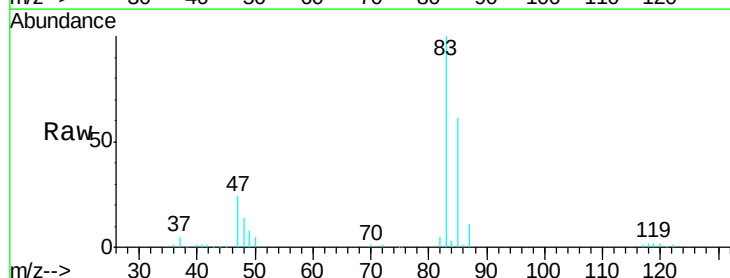
Manual Integrations
APPROVED

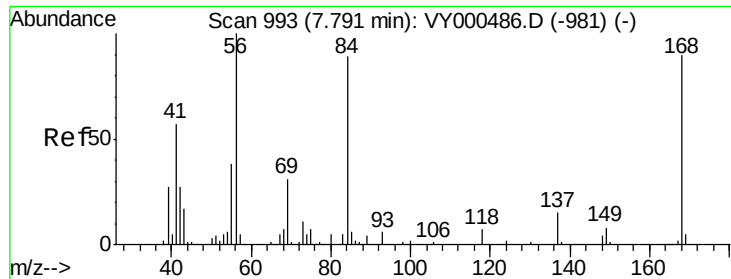
MMDadoda
11/8/2019 10:39:08 AM



#30
Chloroform
Concen: 20.687 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.5	53.0	79.4





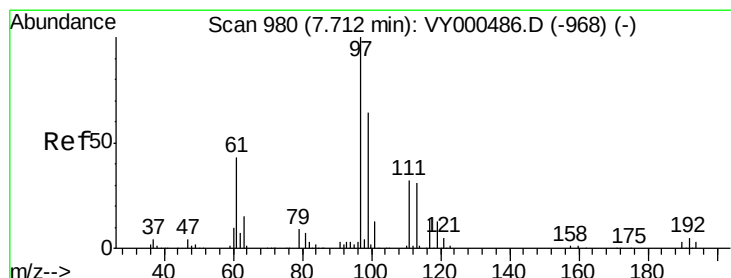
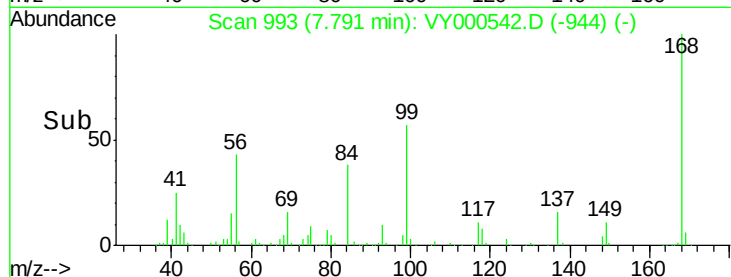
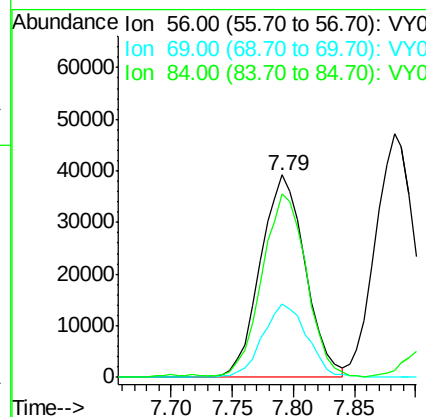
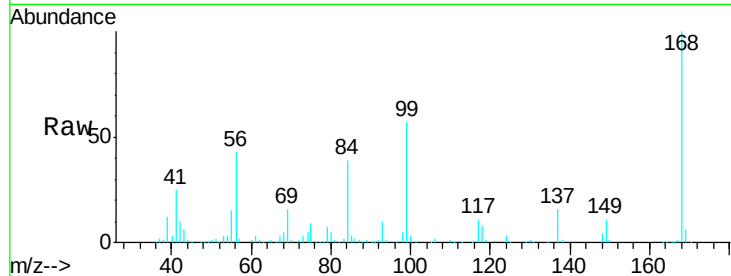
#31
Cyclohexane
Concen: 20.379 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.5	25.0	37.6
84	89.3	71.4	107.2

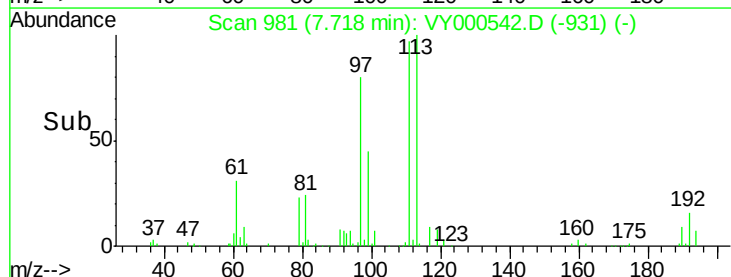
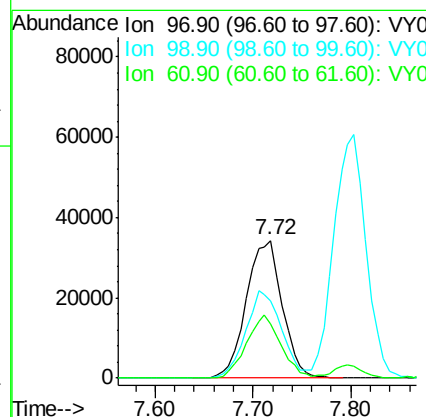
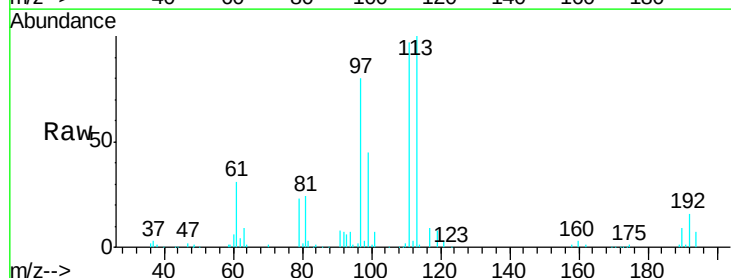
Manual Integrations
APPROVED

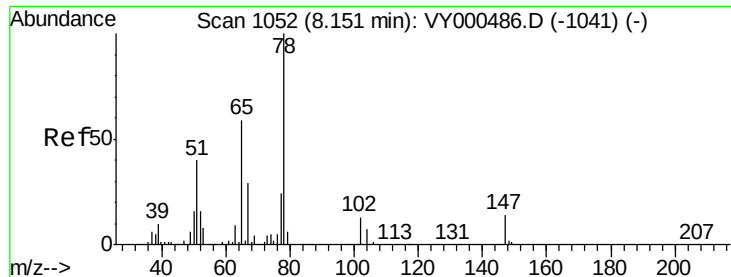
MMDadoda
11/8/2019 10:39:08 AM



#32
1,1,1-Trichloroethane
Concen: 20.601 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.9	76.3
61	43.9	34.9	52.3





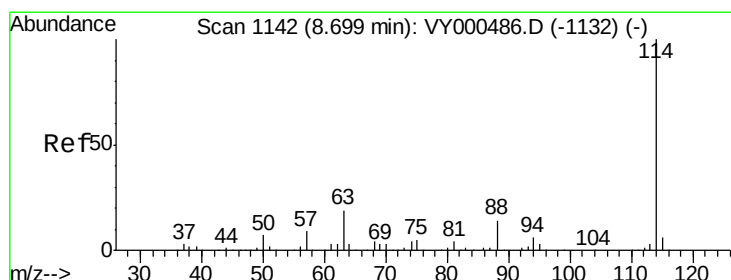
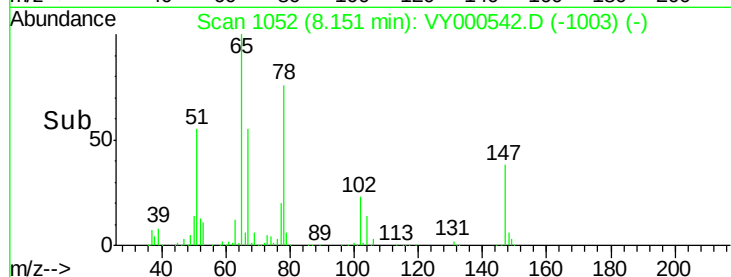
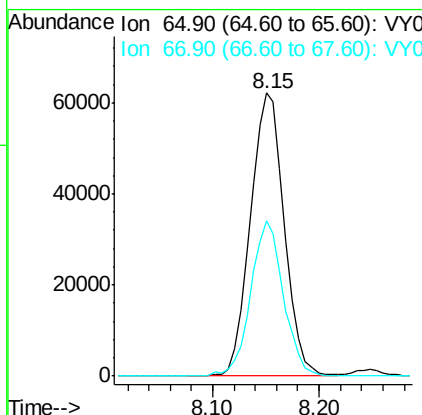
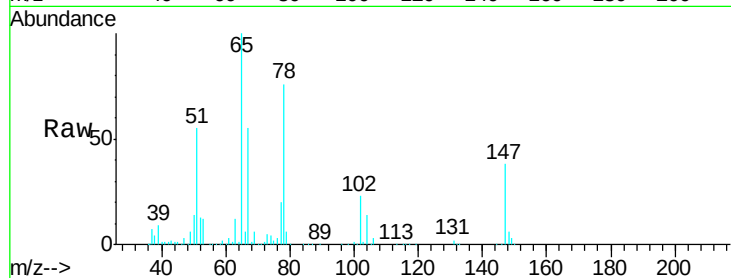
#33
 1,2-Dichloroethane-d4
 Concen: 54.515 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 65 Resp: 138162
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2

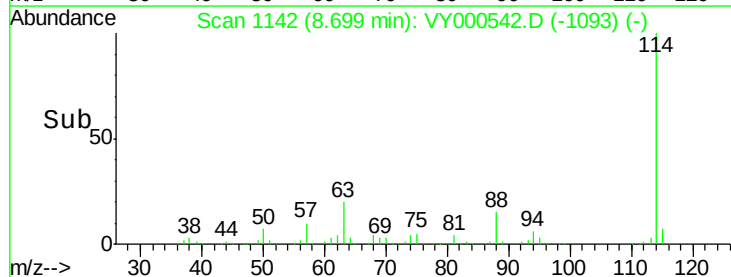
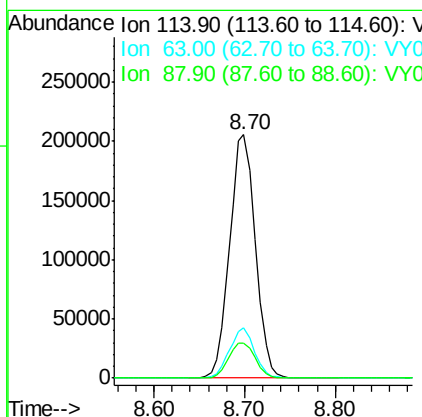
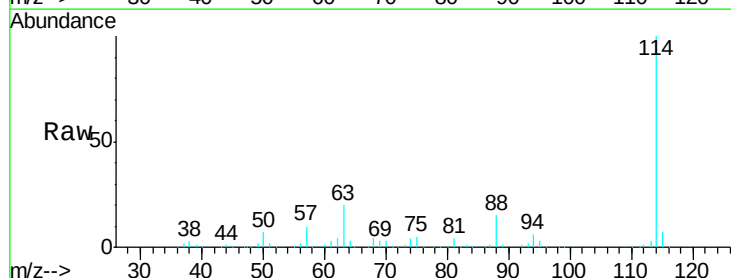
Manual Integrations
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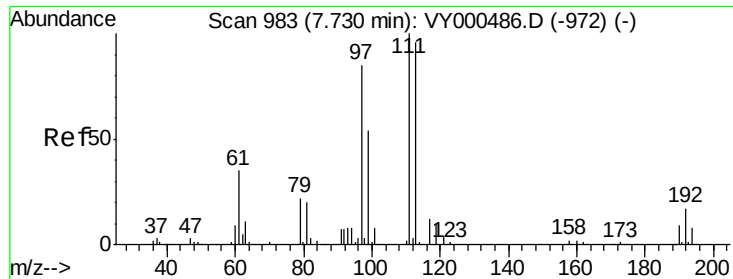
MMDadoda
 11/8/2019 10:39:08 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 114 Resp: 403638
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.0
 88 14.6 0.0 28.6





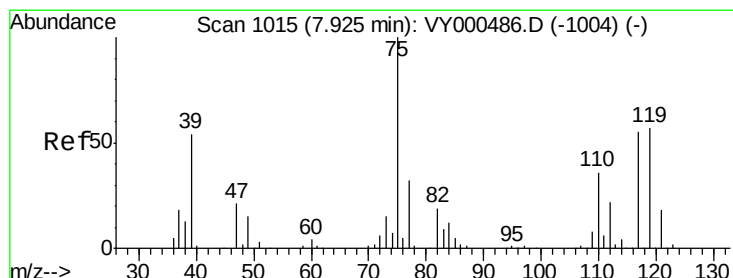
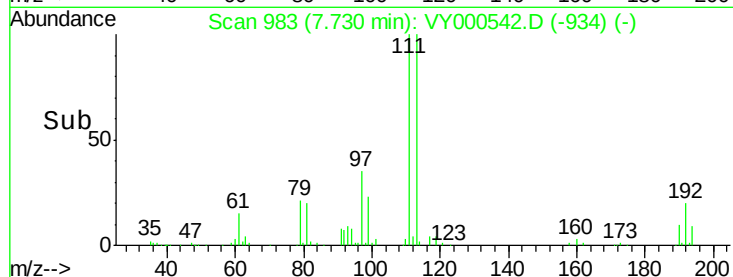
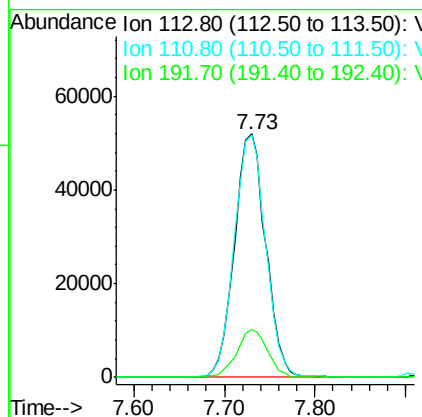
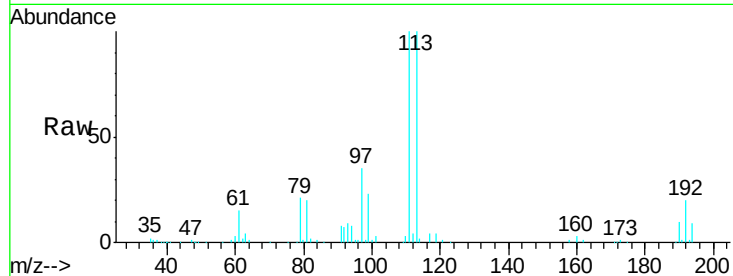
#35
 Dibromofluoromethane
 Concen: 52.381 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	124122		
111	99.9	81.7	122.5	
192	19.5	15.0	22.4	

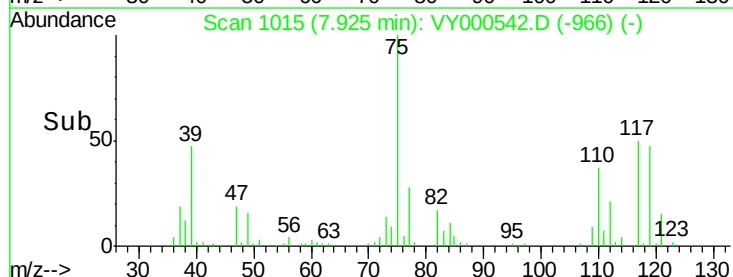
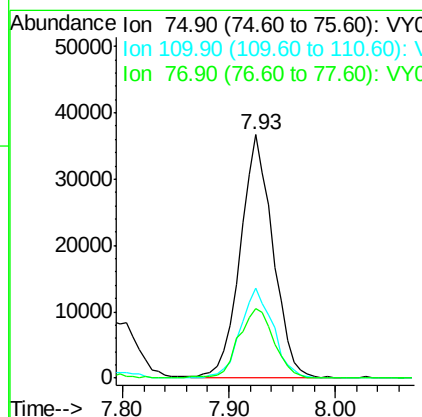
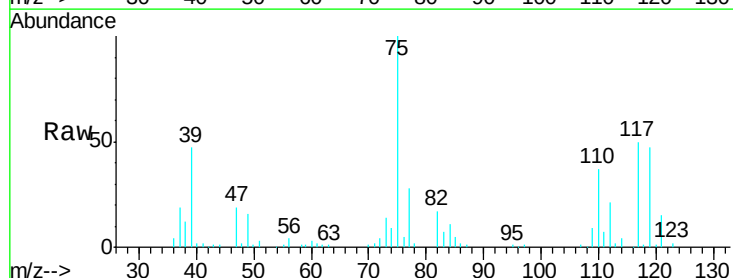
Manual Integrations
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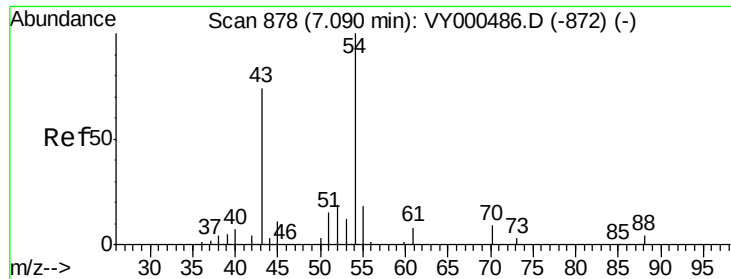
MMDadoda
 11/8/2019 10:39:08 AM



#36
 1,1-Dichloropropene
 Concen: 20.769 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79252		
110	36.8	18.1	54.1	
77	30.7	25.0	37.6	





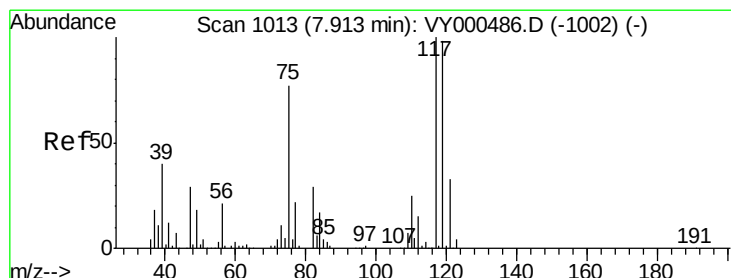
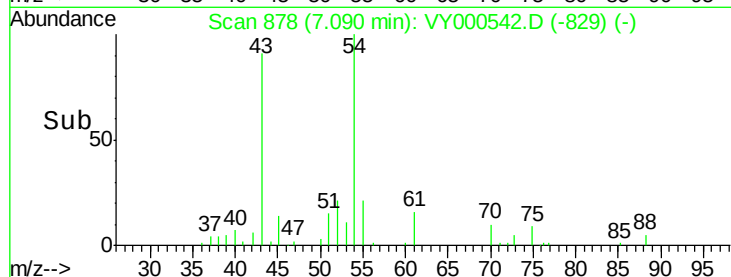
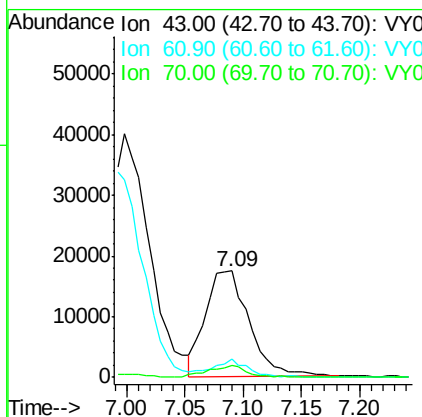
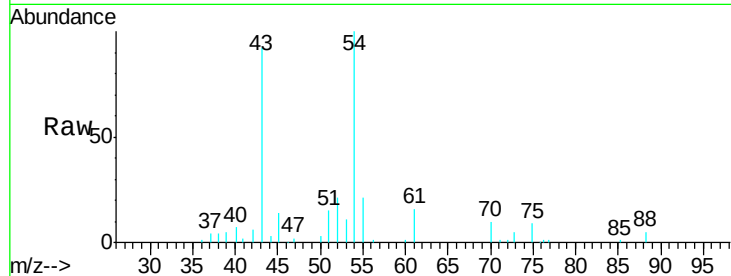
#37
Ethyl Acetate
Concen: 20.075 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 43 Resp: 45478
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.2
70 9.7 7.8 11.8

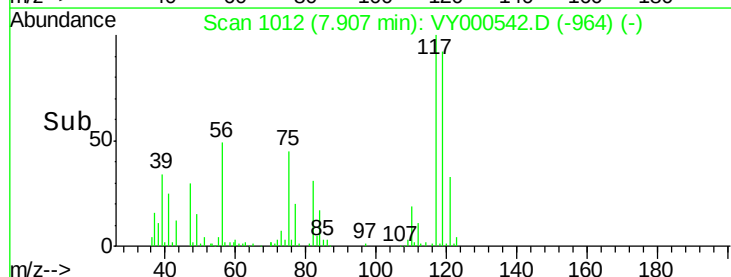
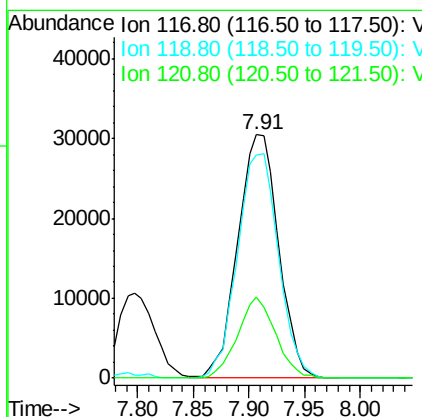
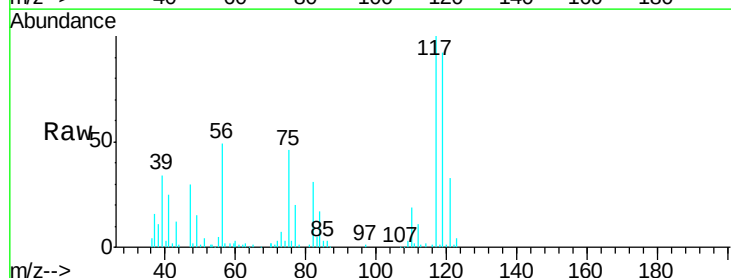
Manual Integrations
APPROVED

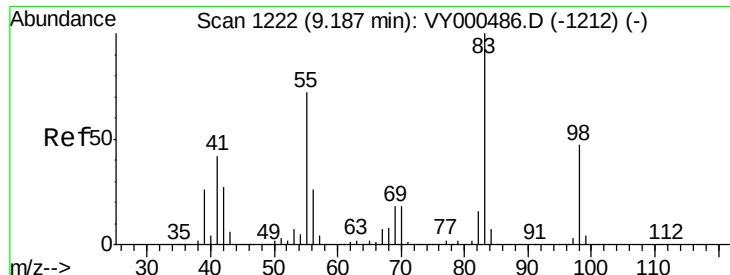
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11/8/2019 10:39:08 AM



#38
Carbon Tetrachloride
Concen: 21.224 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 117 Resp: 77929
Ion Ratio Lower Upper
117 100
119 91.8 78.0 117.0
121 33.5 26.6 40.0





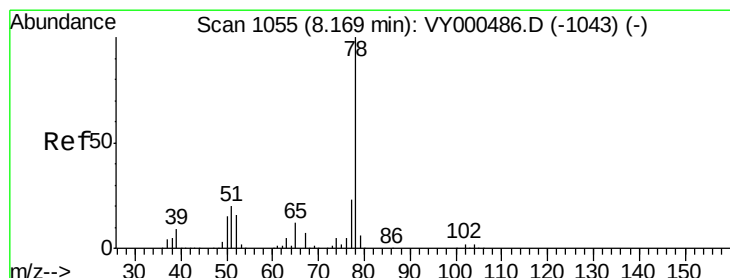
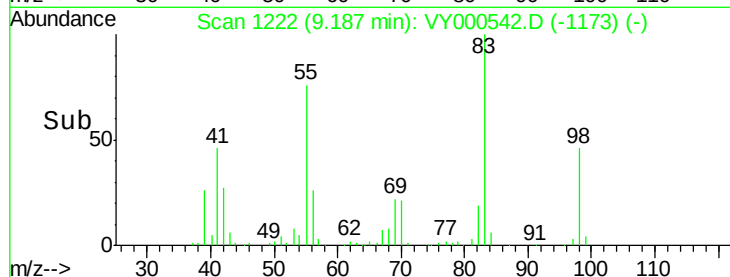
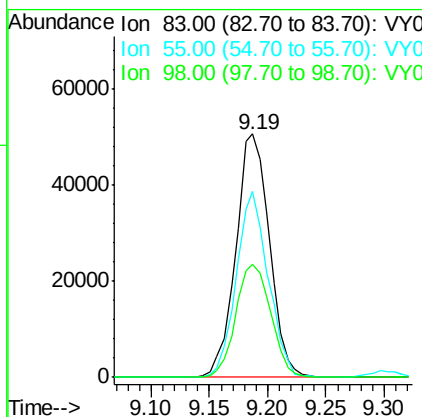
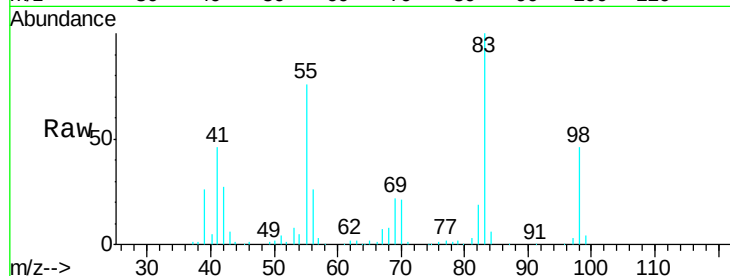
#39
Methylcyclohexane
Concen: 20.636 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	101729		
55	76.3		57.5	86.3
98	46.4		38.0	57.0

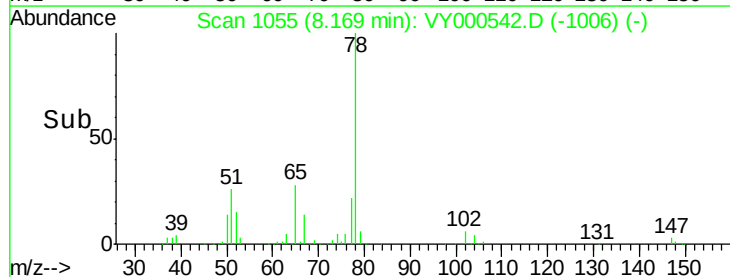
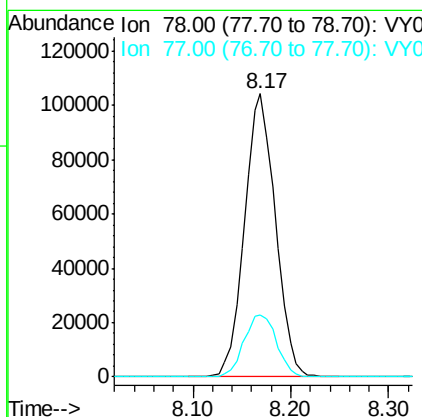
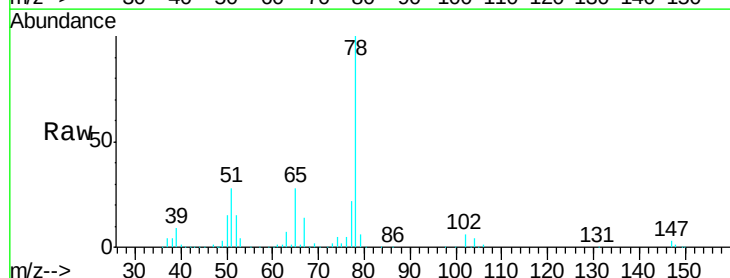
Manual Integrations
APPROVED

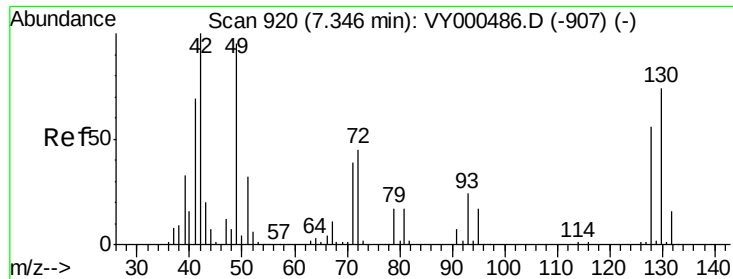
MMDadoda
11/8/2019 10:39:08 AM



#40
Benzene
Concen: 20.349 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	227641		
77	21.9		18.6	28.0





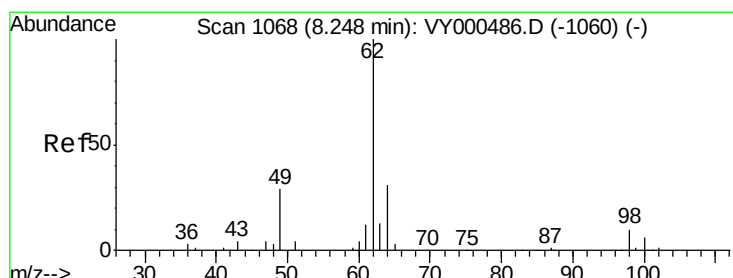
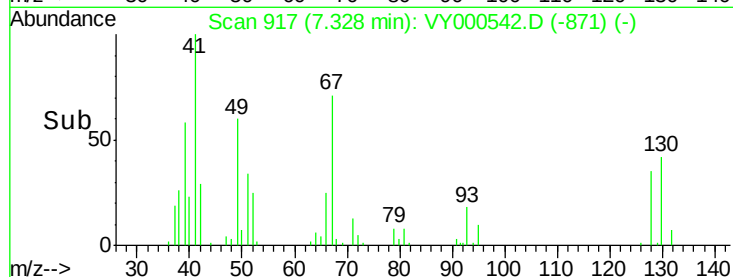
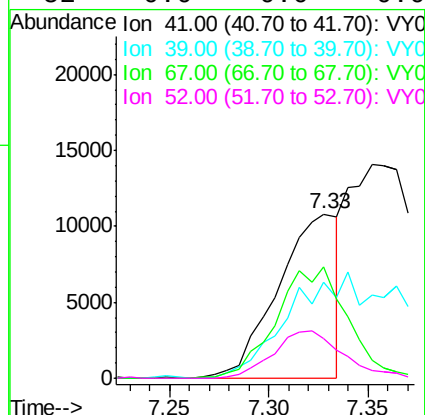
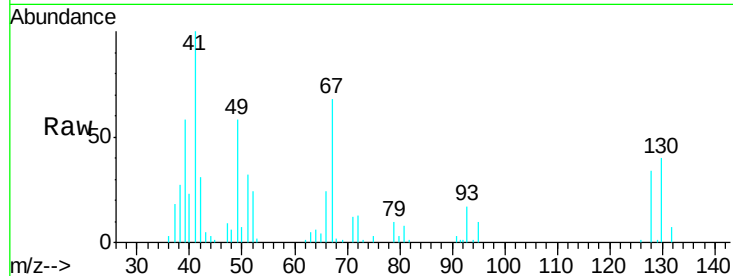
#41
Methacrylonitrile
Concen: 18.069 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion:	41	Resp:	22836
Ion	Ratio	Lower	Upper
41	100		
39	90.7	68.2	102.4
67	0.0	0.0	0.0
52	0.0	0.0	0.0

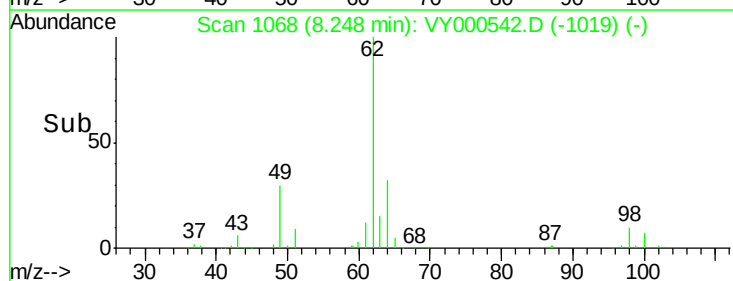
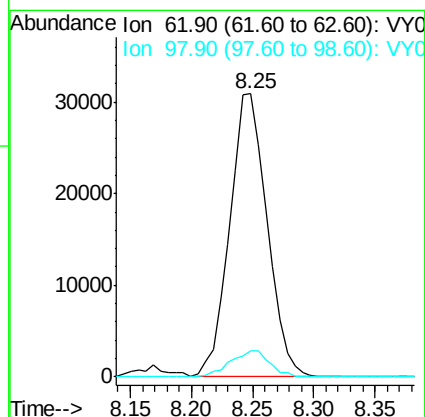
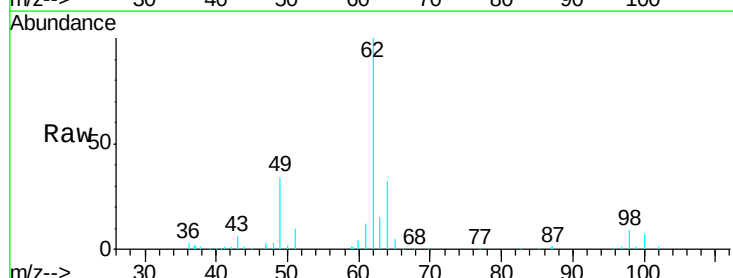
Manual Integrations
APPROVED

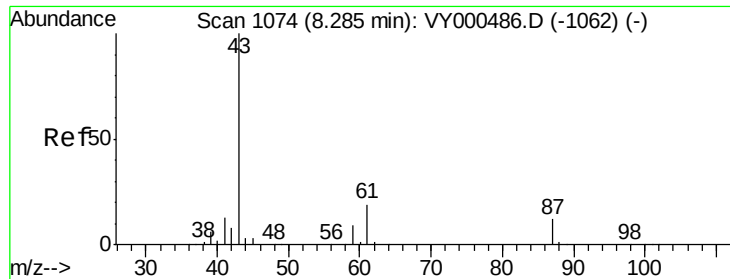
MMDadoda
11/8/2019 10:39:08 AM



#42
1,2-Dichloroethane
Concen: 20.643 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:	62	Resp:	65500
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.190 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

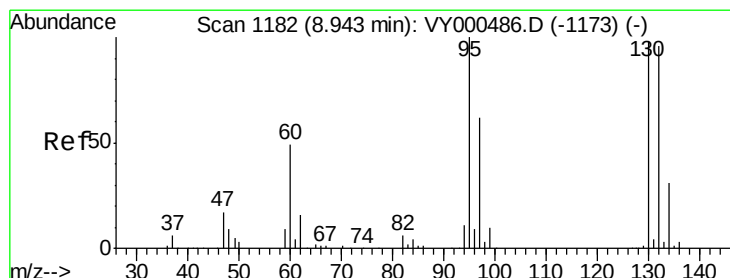
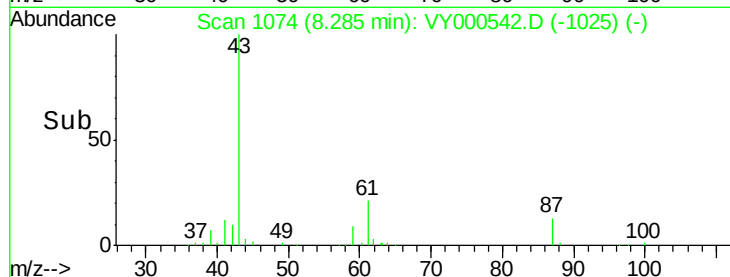
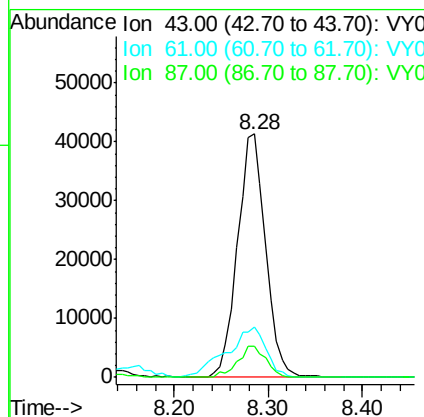
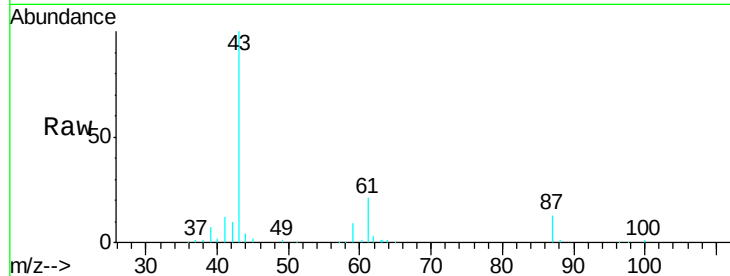
ClientSampleId :

VY1106SBS01

Tgt Ion:	43	Resp:	85922
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.4
87	12.9	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 20.619 ug/l

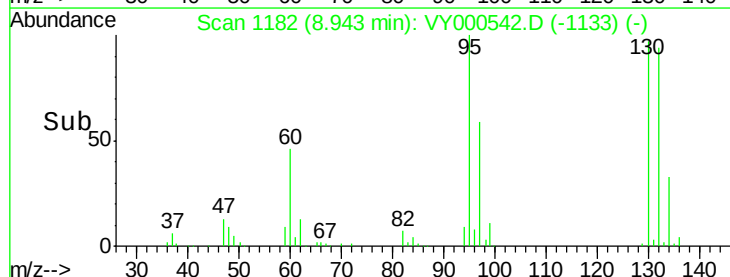
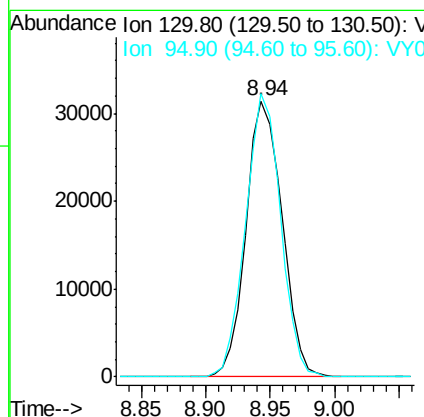
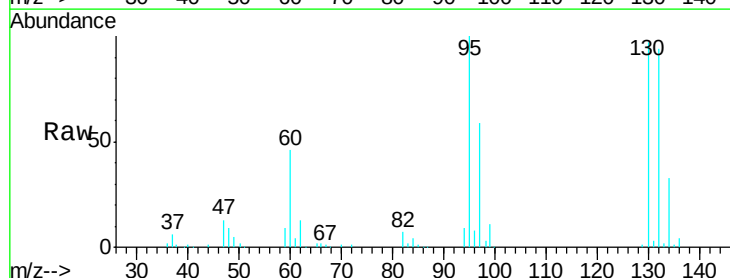
RT: 8.94 min Scan# 1182

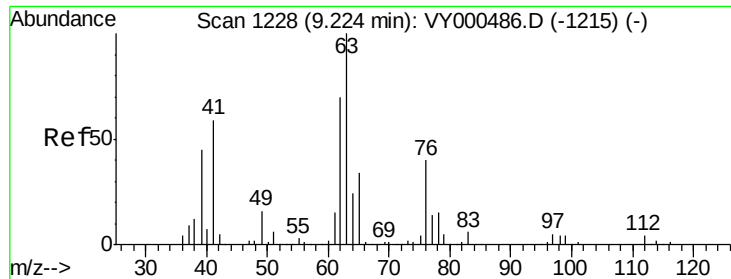
Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion:	130	Resp:	60818
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	203.2





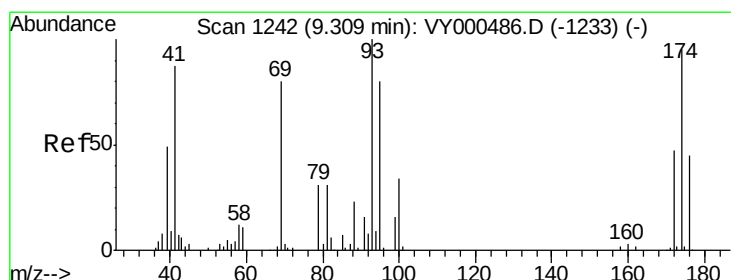
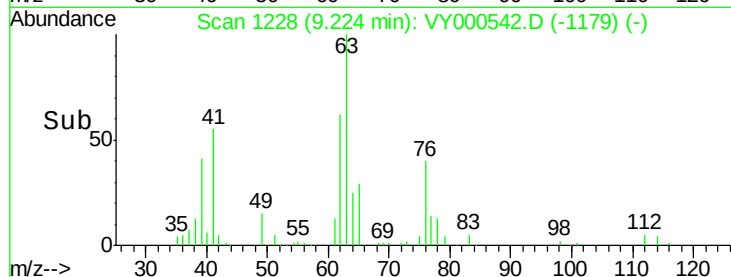
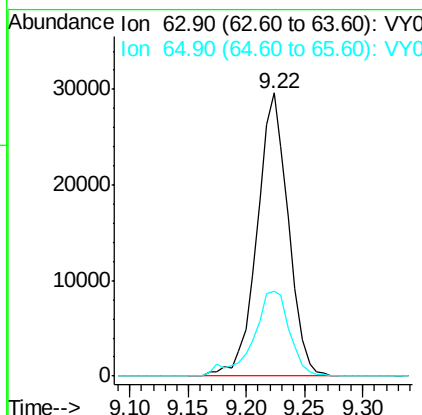
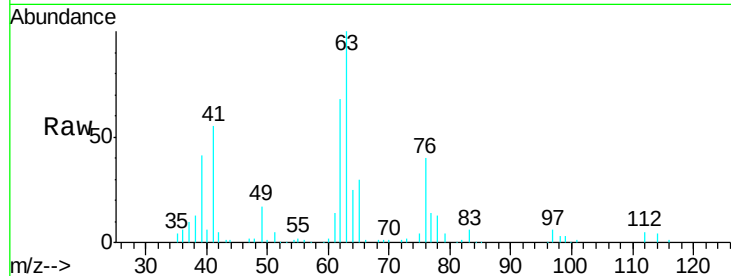
#45
 1,2-Dichloropropane
 Concen: 20.033 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 63 Resp: 55158
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.0 40.4

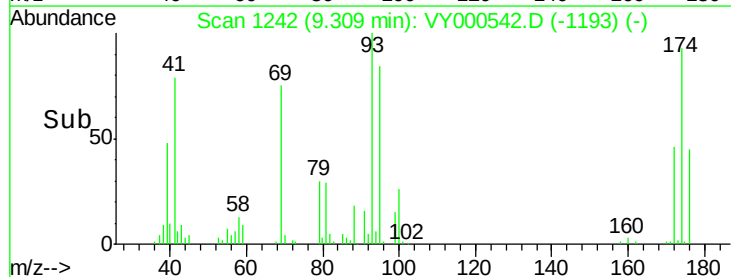
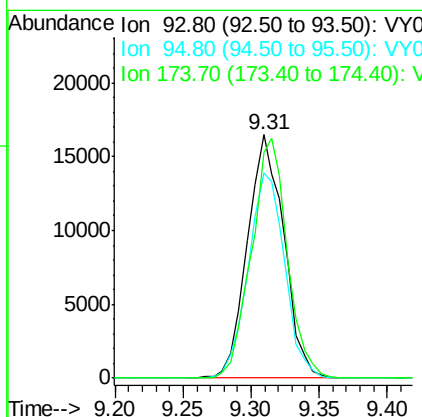
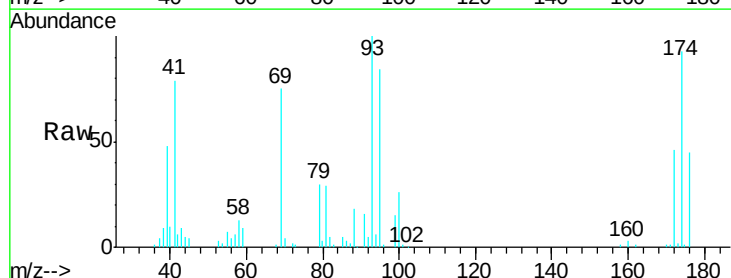
Manual Integrations
 APPROVED

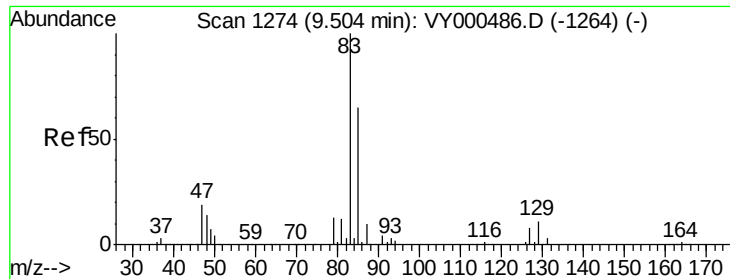
MMDadoda
 11/8/2019 10:39:08 AM



#46
 Dibromomethane
 Concen: 20.412 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 93 Resp: 30908
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.4 99.6
 174 96.8 77.1 115.7





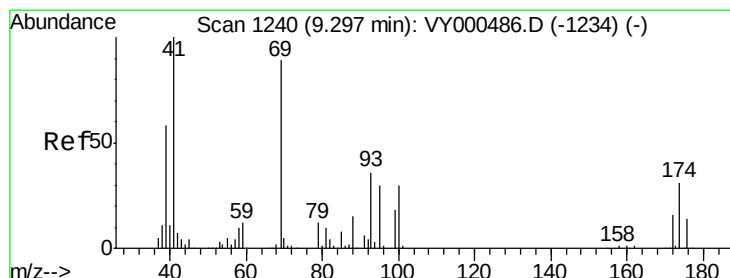
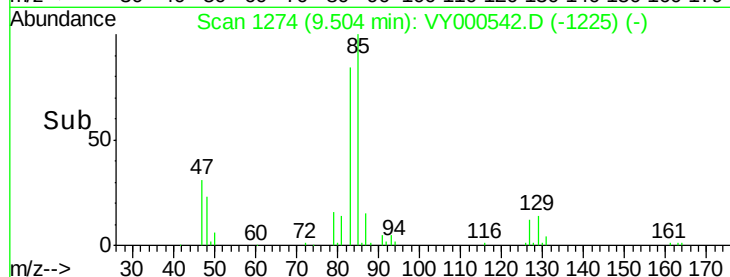
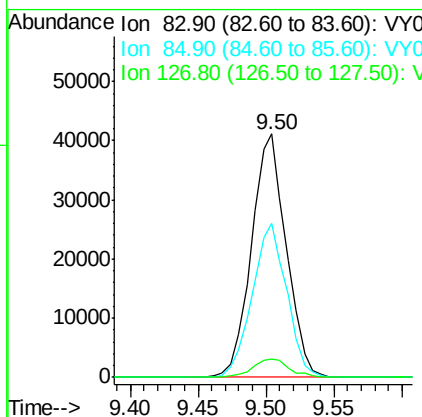
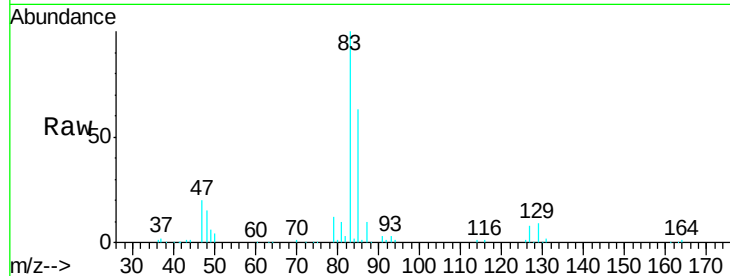
#47
Bromodichloromethane
Concen: 20.458 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8
127	7.6	6.7	10.1

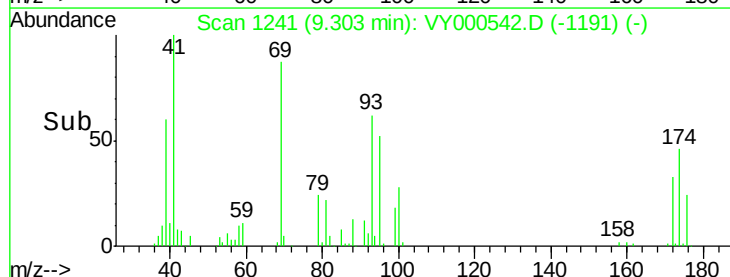
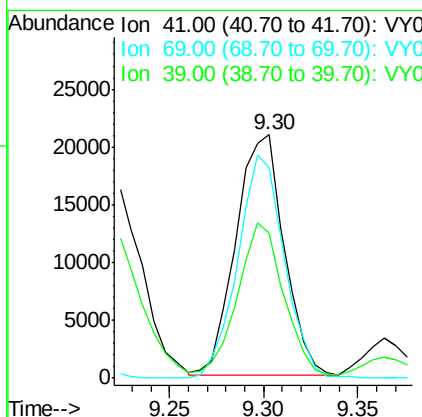
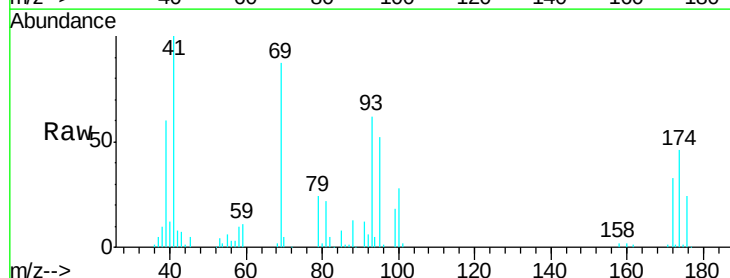
Manual Integrations
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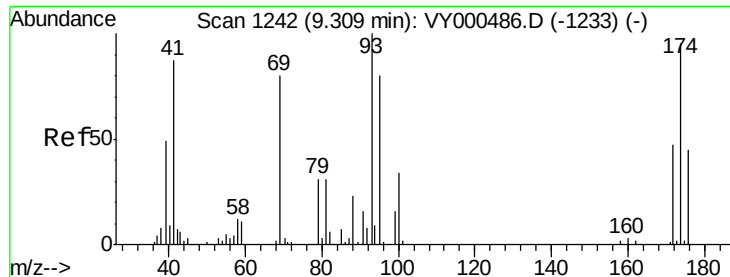
MMDadoda
11/8/2019 10:39:08 AM



#48
Methyl methacrylate
Concen: 19.802 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.0	72.5	108.7
39	63.5	47.8	71.8





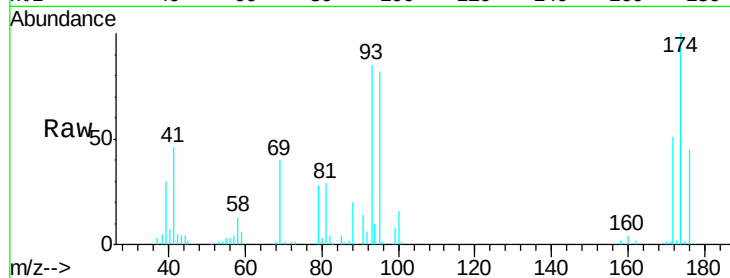
#49
1,4-Dioxane
Concen: 402.516 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.1	37.7
58	75.6	50.6	75.8

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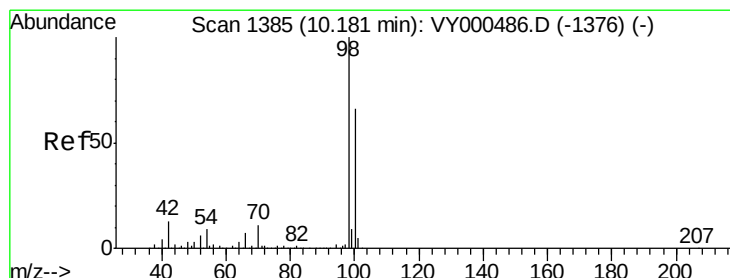
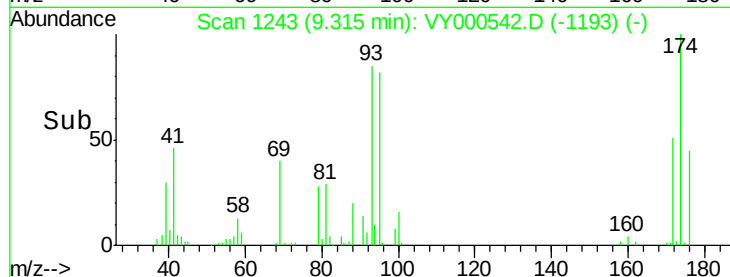
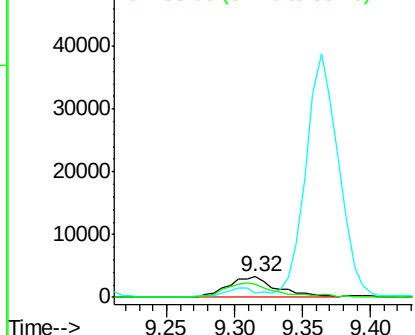


Abundance

Ion 88.00 (87.70 to 88.70): VY0

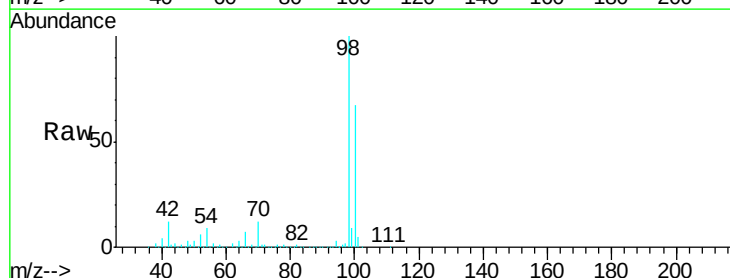
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 54.977 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

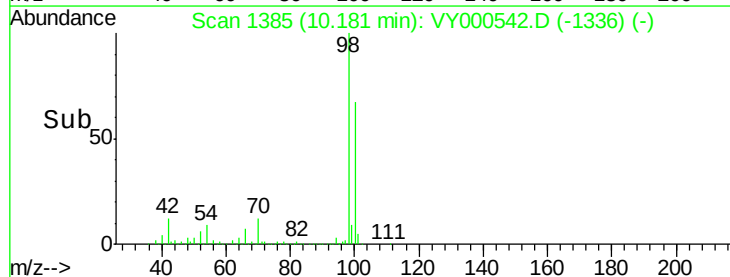
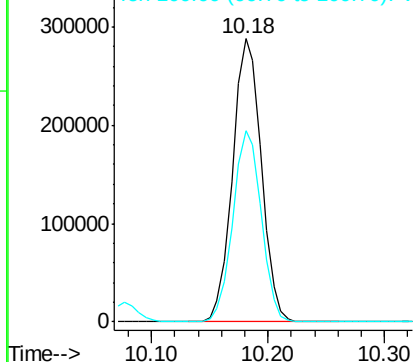
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.9	79.3

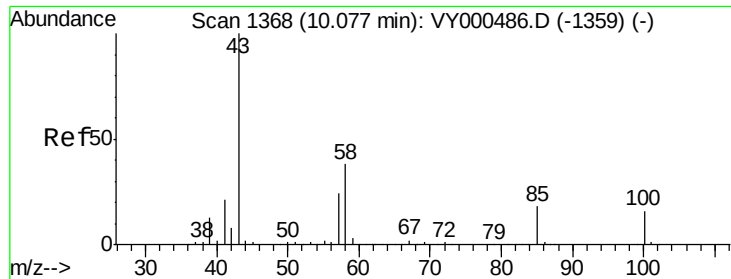


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





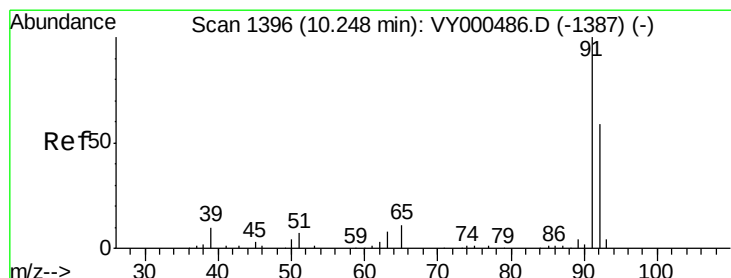
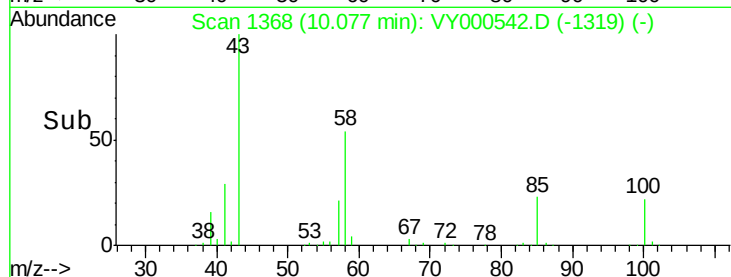
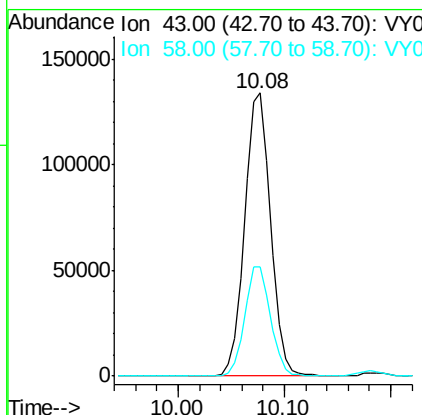
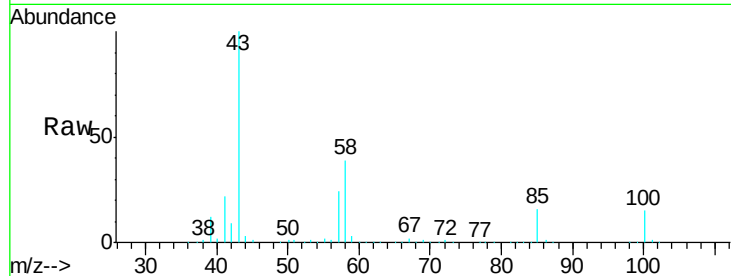
#51
4-Methyl-2-Pentanone
Concen: 101.378 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 43 Resp: 229382
Ion Ratio Lower Upper
43 100
58 38.4 30.2 45.4

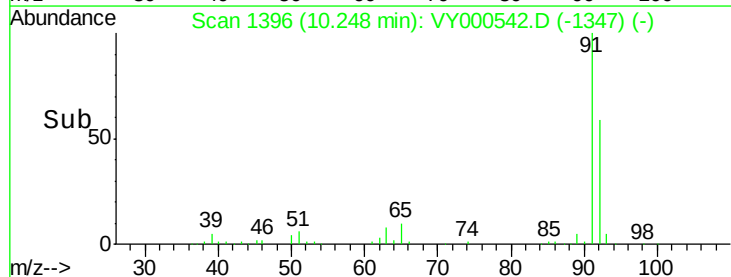
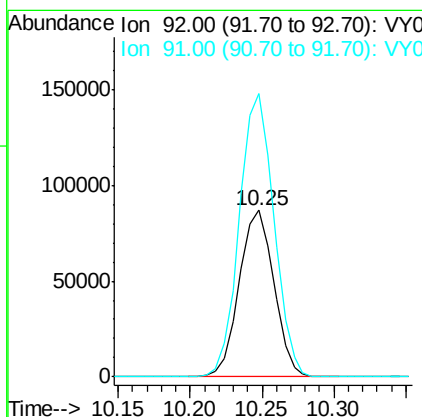
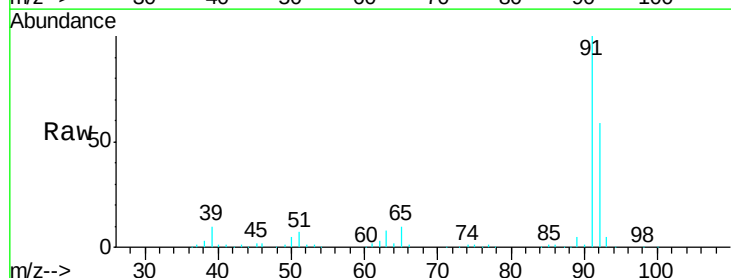
Manual Integrations
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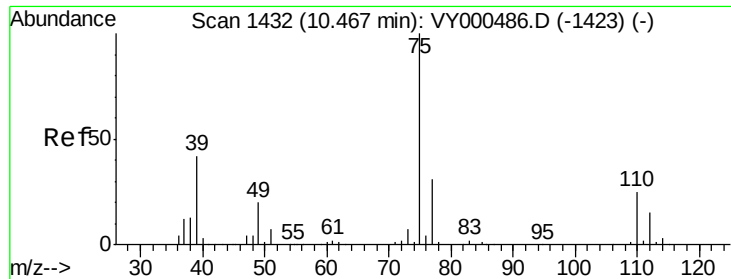
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11/8/2019 10:39:08 AM



#52
Toluene
Concen: 20.588 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 92 Resp: 145617
Ion Ratio Lower Upper
92 100
91 169.3 136.3 204.5





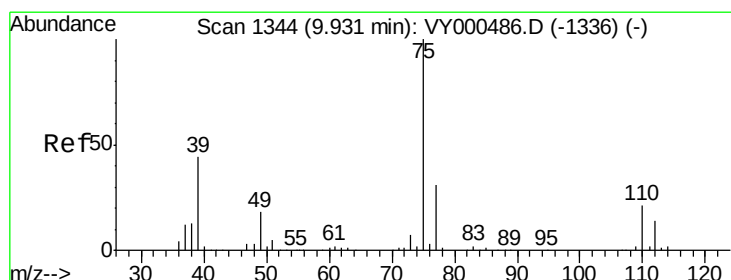
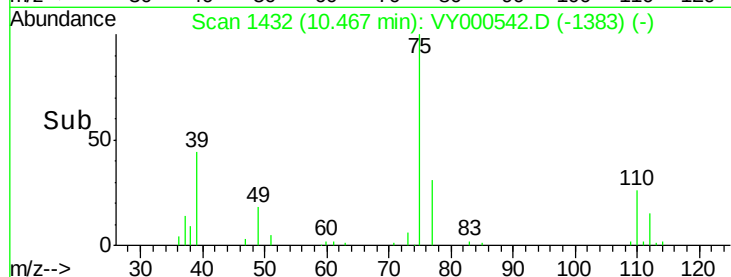
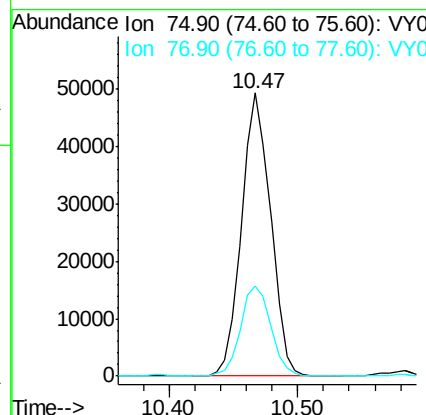
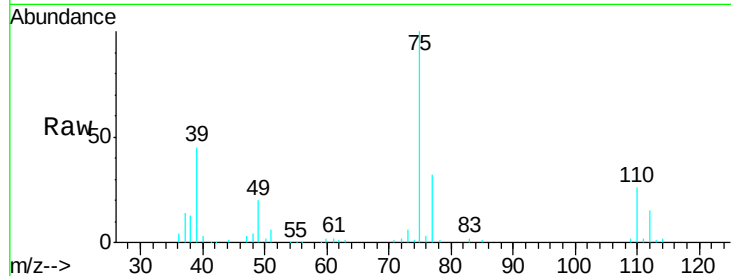
#53
t-1,3-Dichloropropene
Concen: 20.103 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 75 Resp: 77177
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0

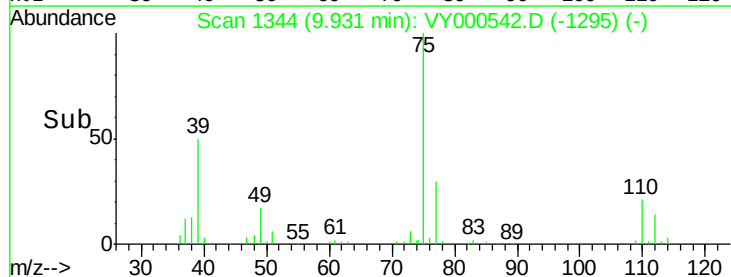
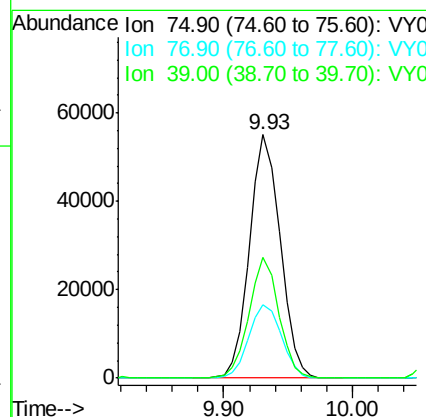
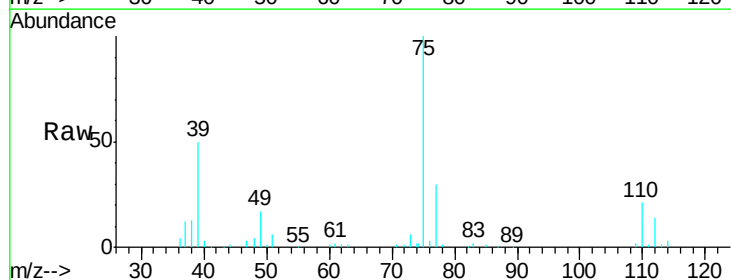
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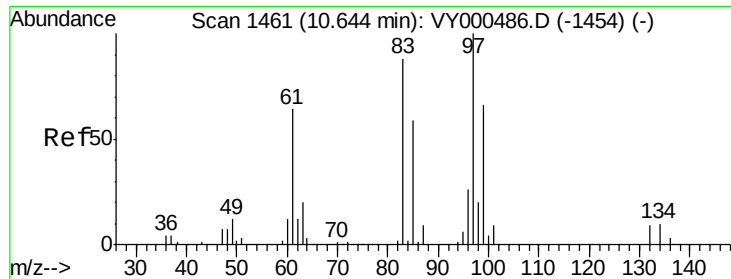
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#54
cis-1,3-Dichloropropene
Concen: 20.611 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 75 Resp: 90646
Ion Ratio Lower Upper
75 100
77 30.2 24.5 36.7
39 49.8 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 20.790 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

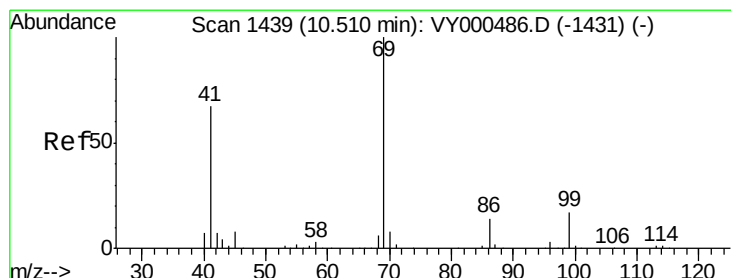
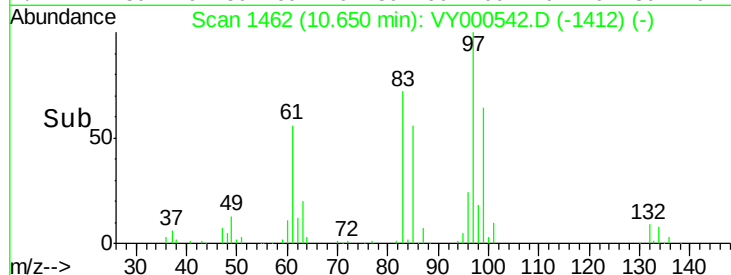
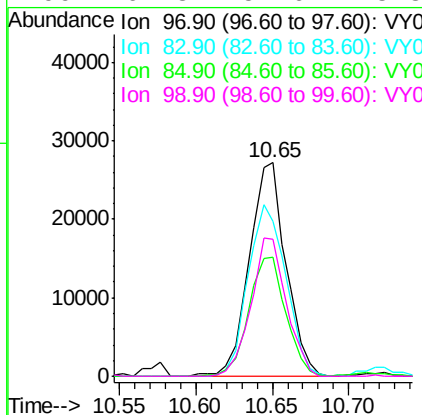
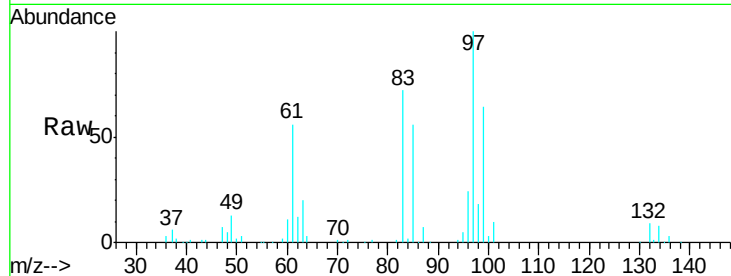
ClientSampleId :

VY1106SBS01

Tgt Ion:	97	Resp:	45533
Ion	Ratio	Lower	Upper
97	100		
83	72.3	70.2	105.4
85	55.6	46.9	70.3
99	64.3	52.6	78.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.750 ug/l

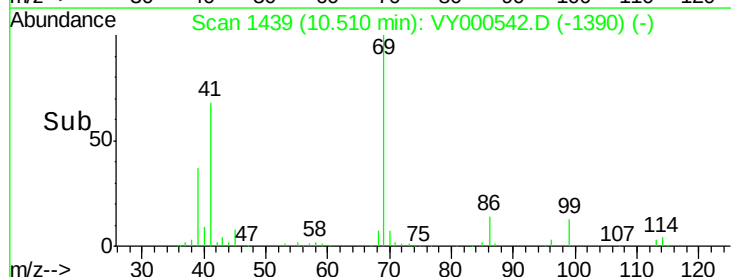
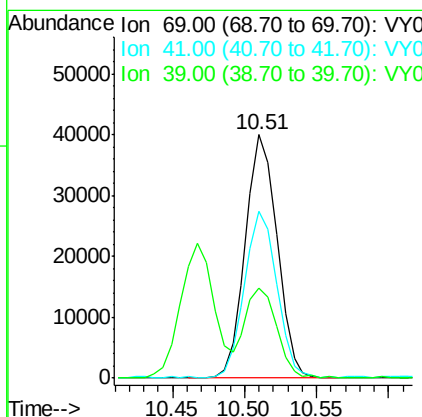
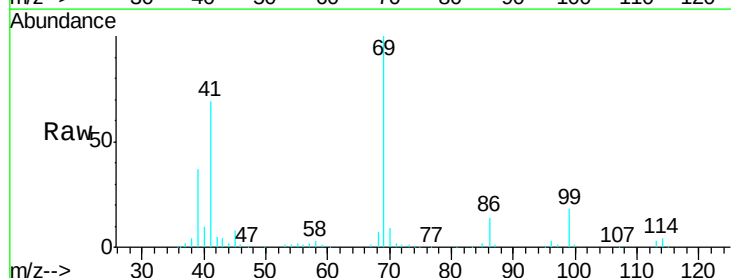
RT: 10.51 min Scan# 1439

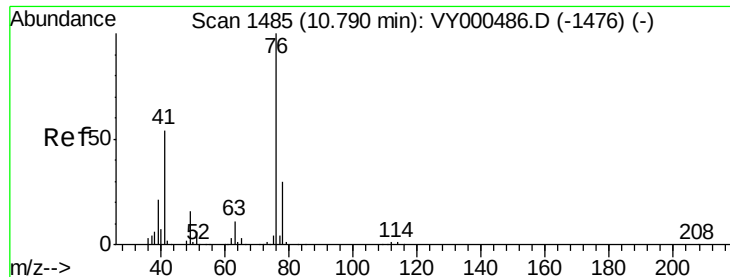
Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion:	69	Resp:	61308
Ion	Ratio	Lower	Upper
69	100		
41	69.2	53.3	79.9
39	36.8	28.0	42.0





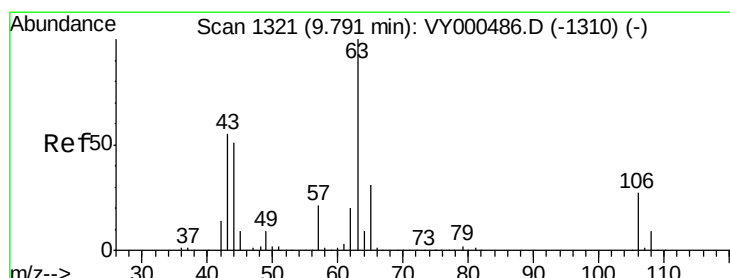
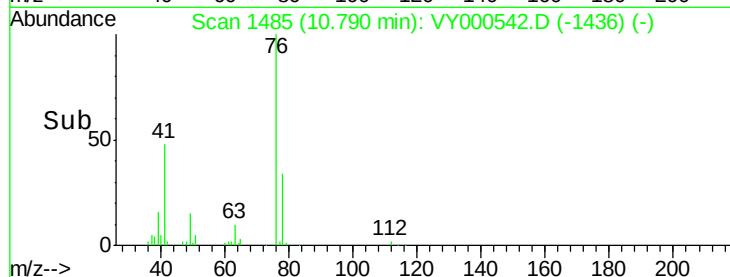
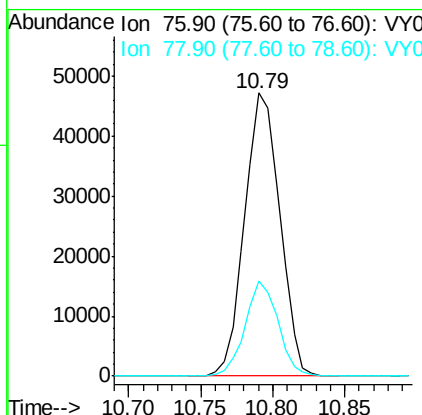
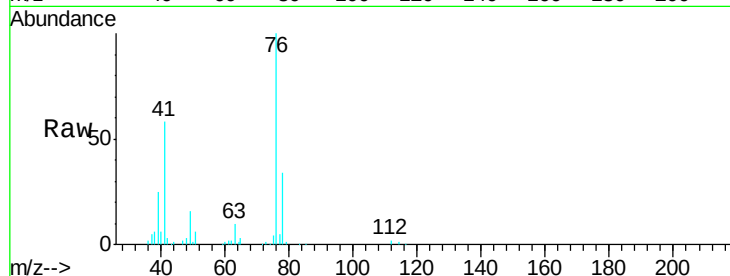
#57
 1,3-Dichloropropane
 Concen: 20.850 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 76 Resp: 79924
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8

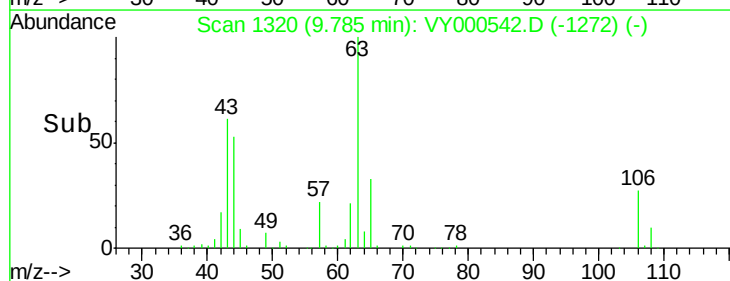
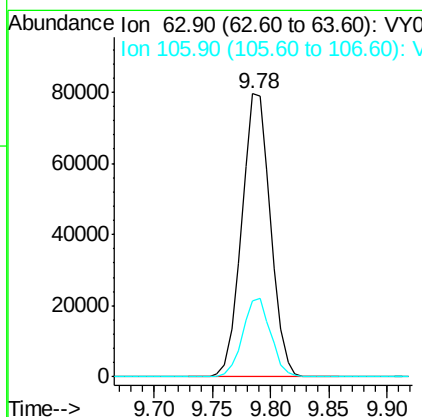
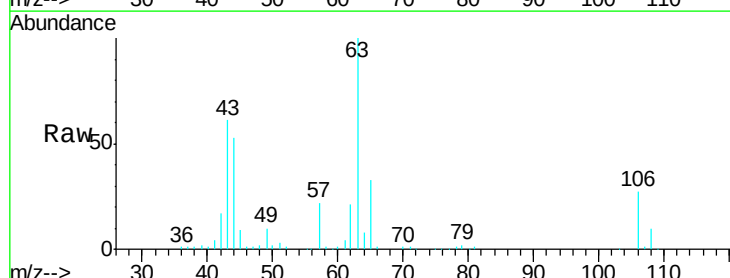
Manual Integrations
 APPROVED

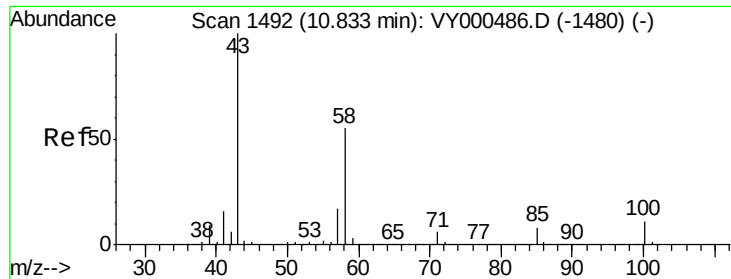
MMDadoda
 11/8/2019 10:39:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.813 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 63 Resp: 137267
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.6 33.8





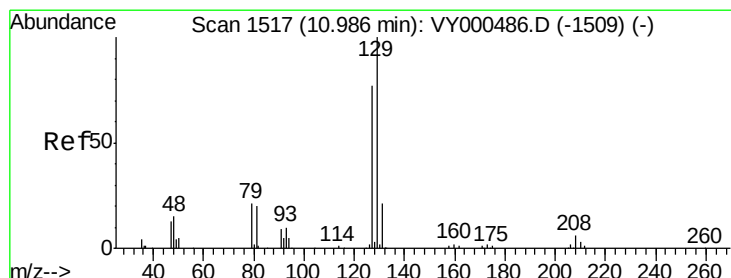
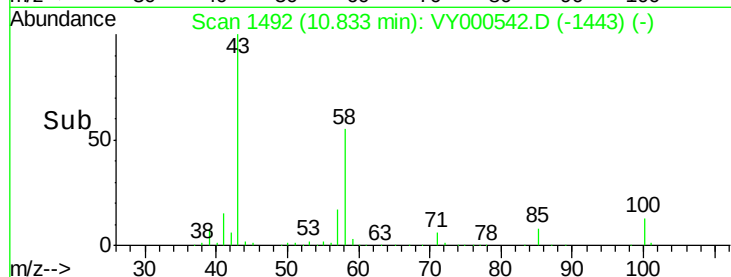
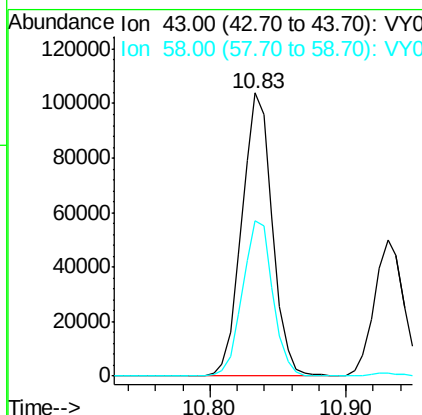
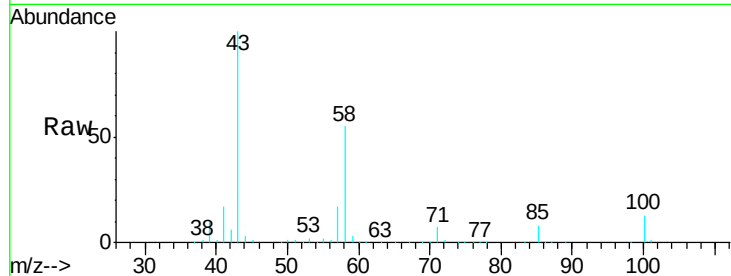
#59
2-Hexanone
Concen: 98.574 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 43 Resp: 162504
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.3

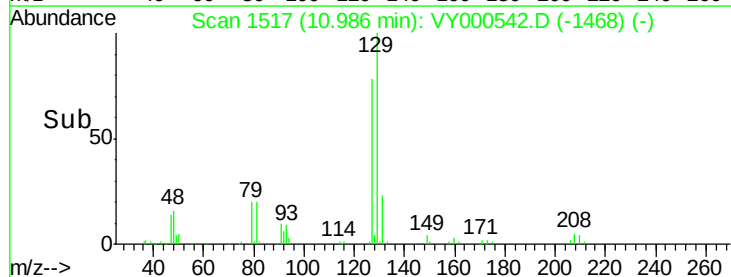
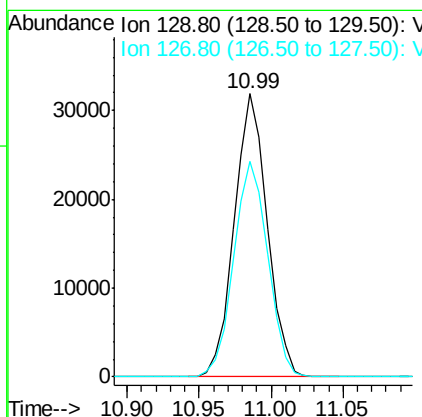
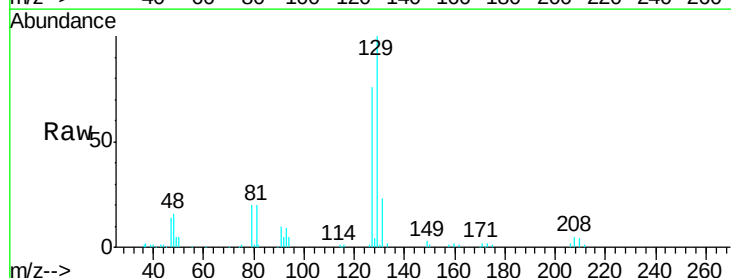
Manual Integrations
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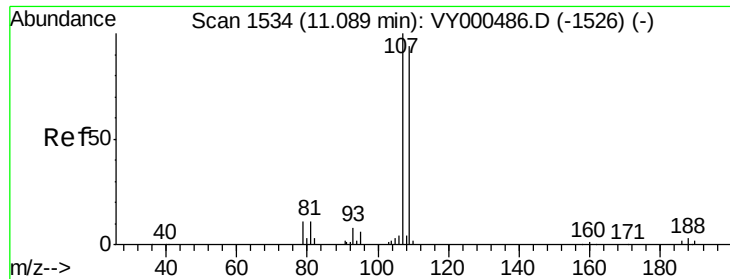
MMDadoda
11/8/2019 10:39:08 AM



#60
Dibromochloromethane
Concen: 20.257 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 129 Resp: 50817
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2





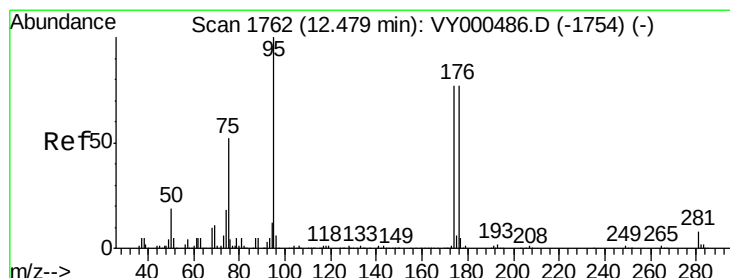
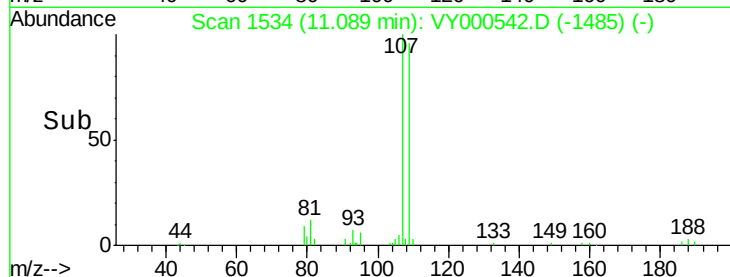
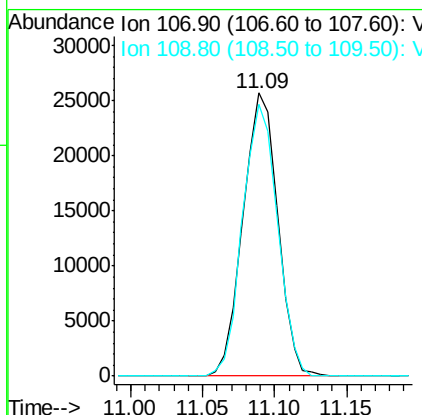
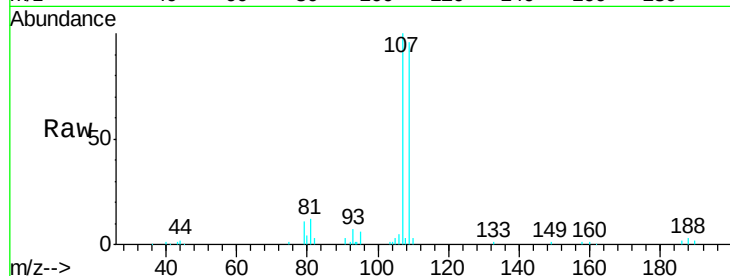
#61
 1,2-Dibromoethane
 Concen: 20.406 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 107 Resp: 42972
 Ion Ratio Lower Upper
 107 100
 109 96.0 73.6 110.4

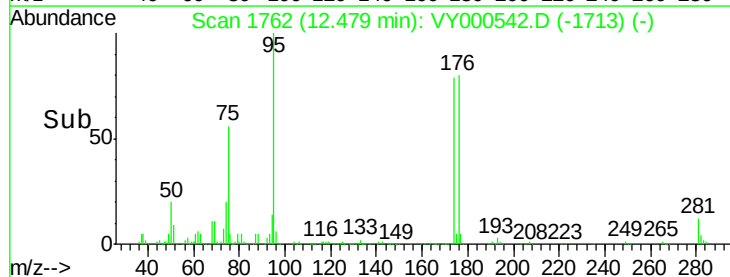
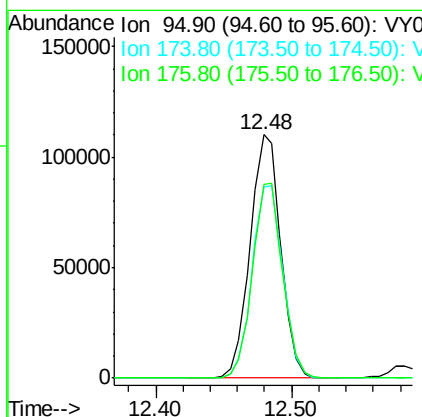
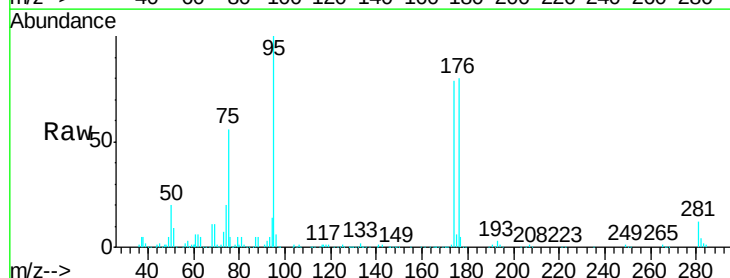
Manual Integrations
 APPROVED

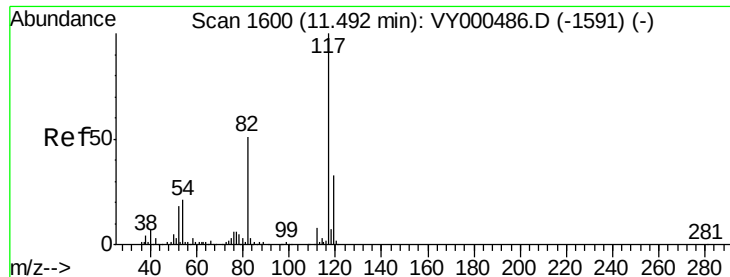
MMDadoda
 11/8/2019 10:39:08 AM



#62
 4-Bromofluorobenzene
 Concen: 50.843 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 95 Resp: 174035
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 161.6
 176 78.7 0.0 157.8





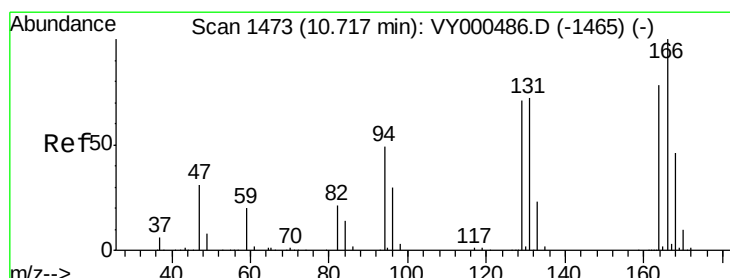
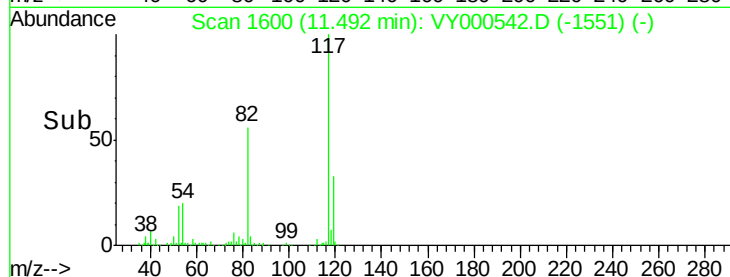
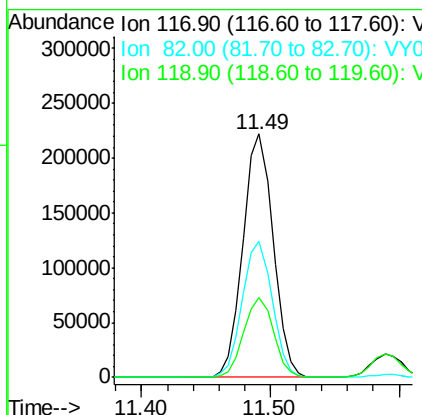
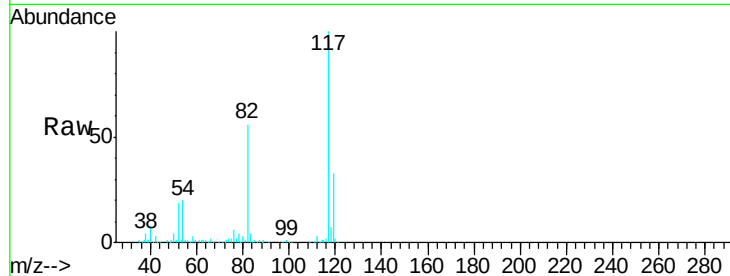
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	359962		
82	56.1	40.8	61.2	
119	32.5	26.2	39.2	

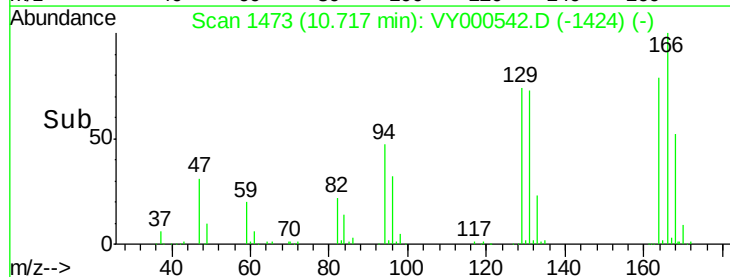
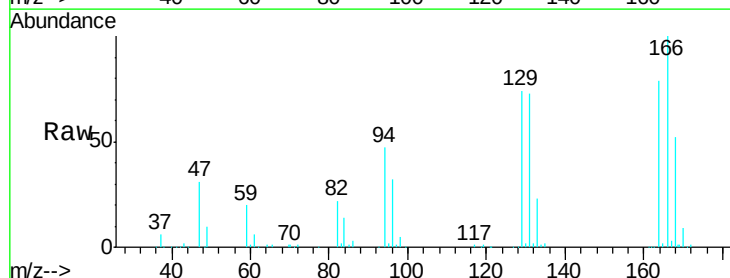
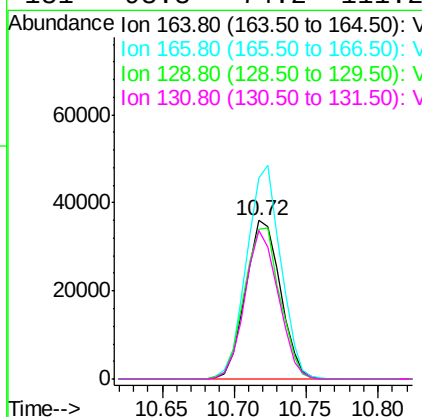
Manual Integrations
APPROVED

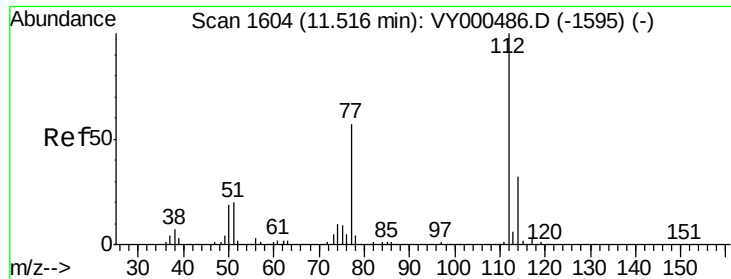
MMDadoda
11/8/2019 10:39:08 AM



#64
Tetrachloroethene
Concen: 20.360 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60600		
166	126.9	102.7	154.1	
129	94.2	73.2	109.8	
131	93.3	74.2	111.2	





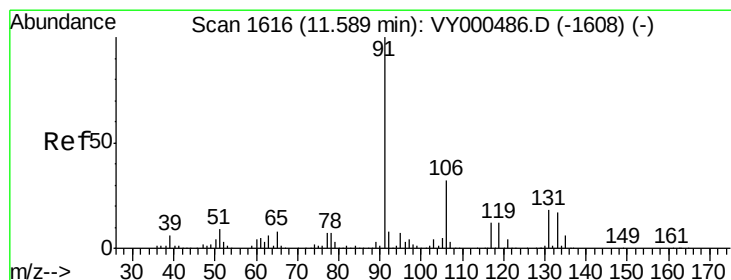
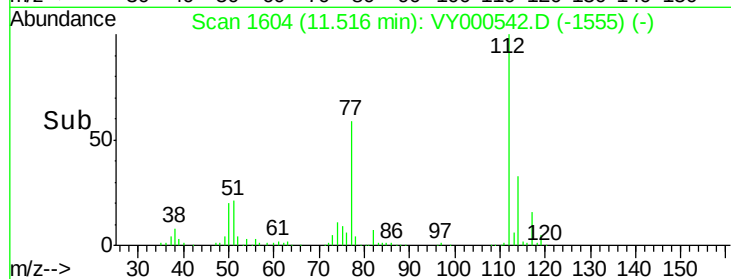
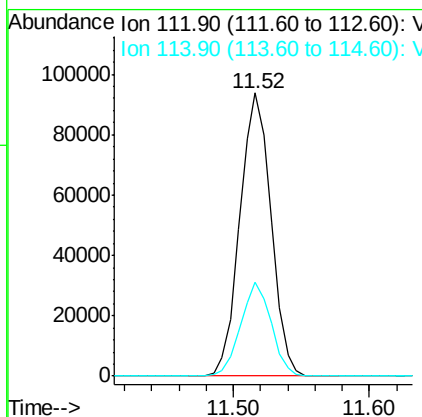
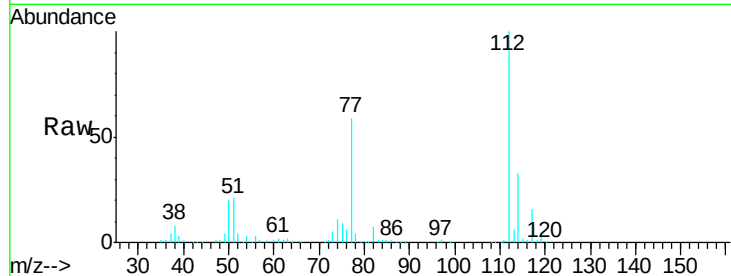
#65
Chlorobenzene
Concen: 20.573 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion:112 Resp: 150146
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9

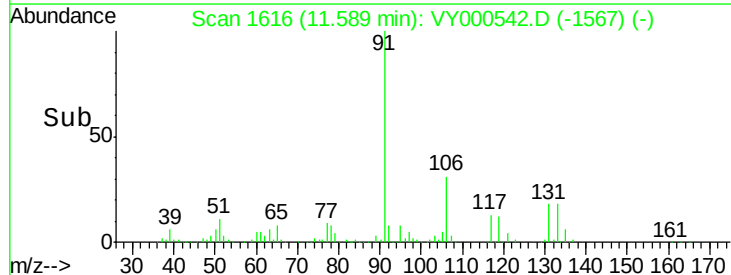
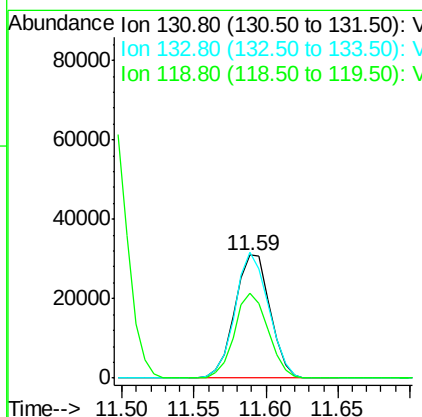
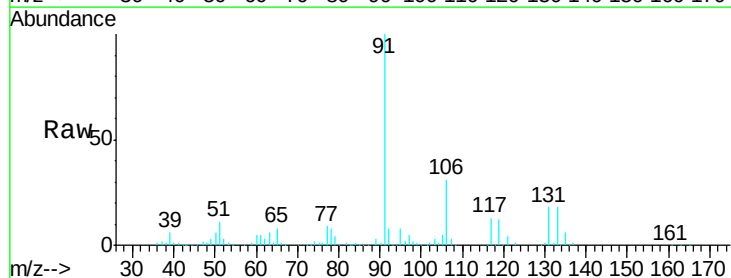
Manual Integrations
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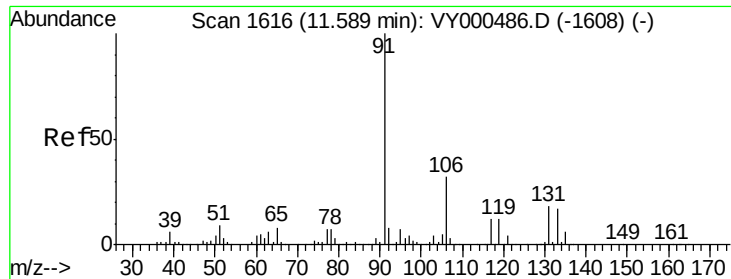
MMDadoda
11/8/2019 10:39:08 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.965 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:131 Resp: 53065
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.8
119 65.3 33.1 99.3





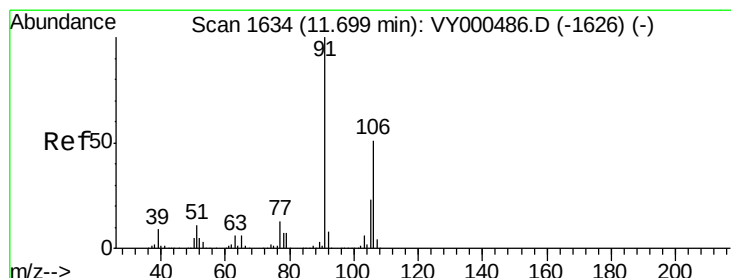
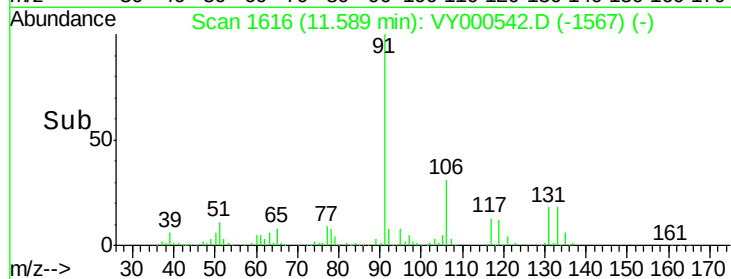
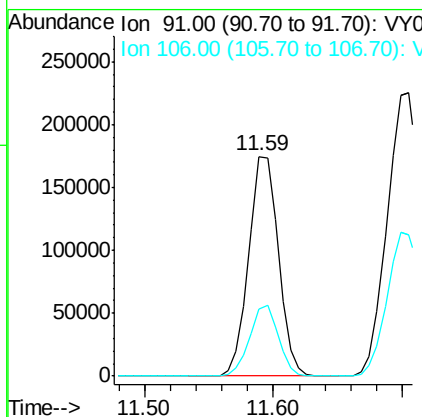
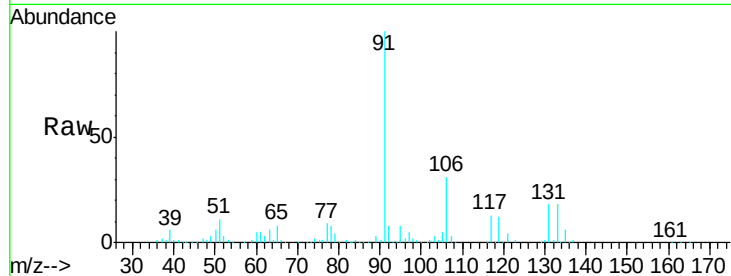
#67
Ethyl Benzene
Concen: 20.650 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion: 91 Resp: 277370
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

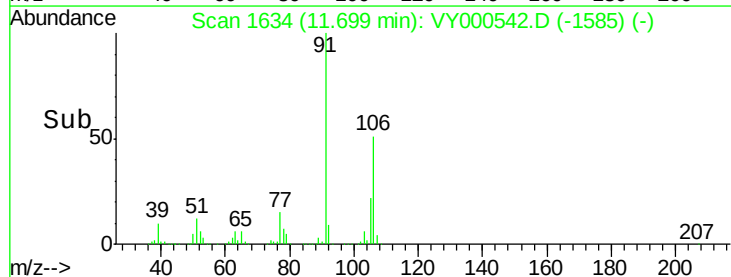
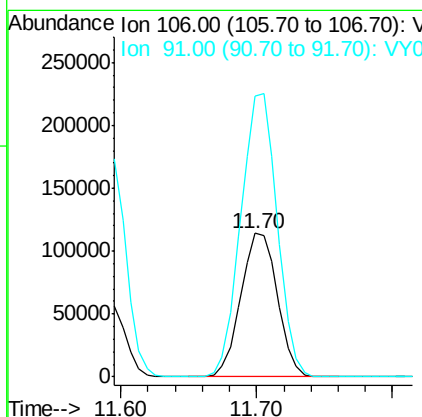
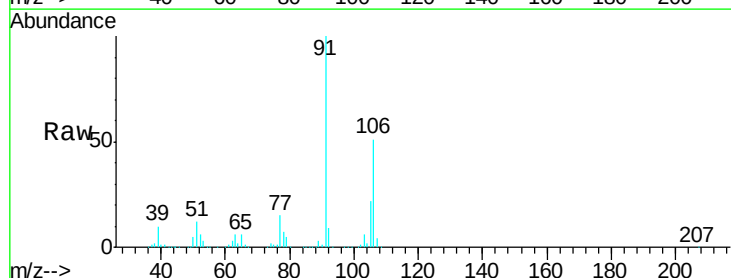
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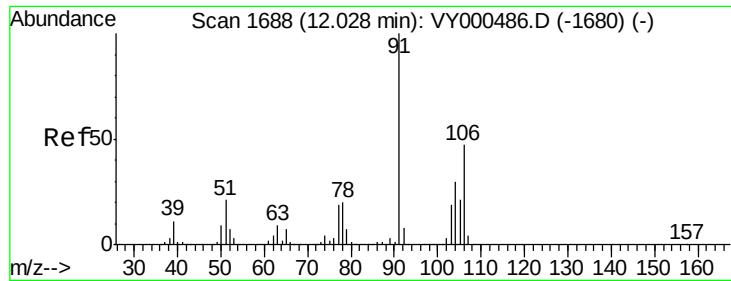
MMDadoda
11/8/2019 10:39:08 AM



#68
m/p-Xylenes
Concen: 41.341 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 106 Resp: 214919
Ion Ratio Lower Upper
106 100
91 195.8 155.9 233.9





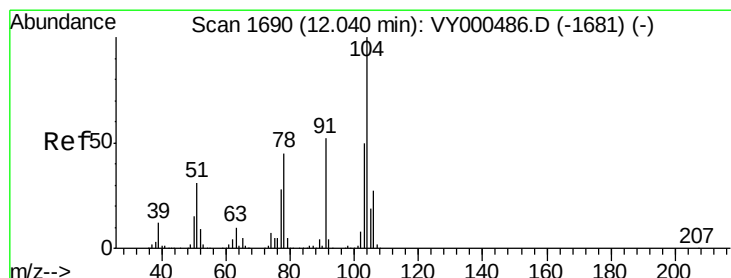
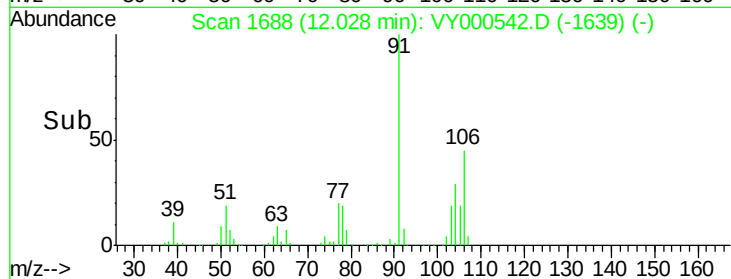
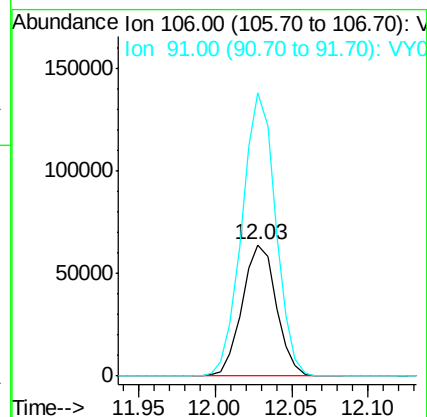
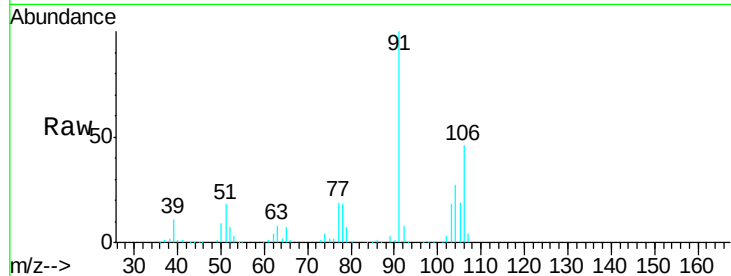
#69
o-Xylene
Concen: 20.328 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion:106 Resp: 99320
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.6

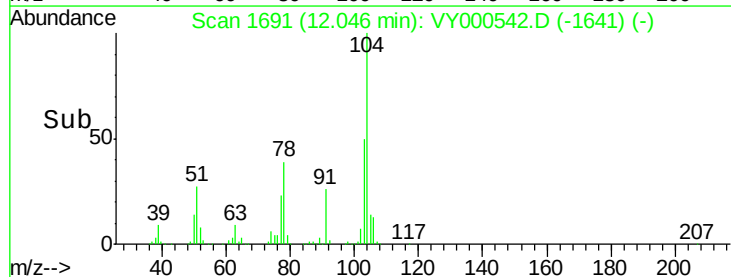
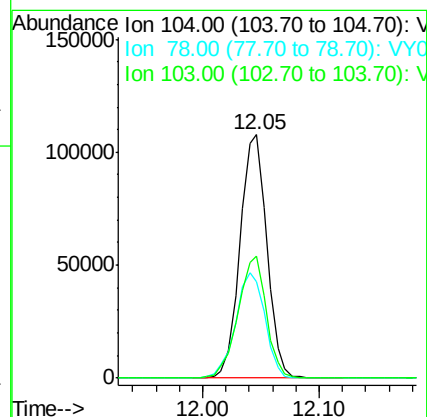
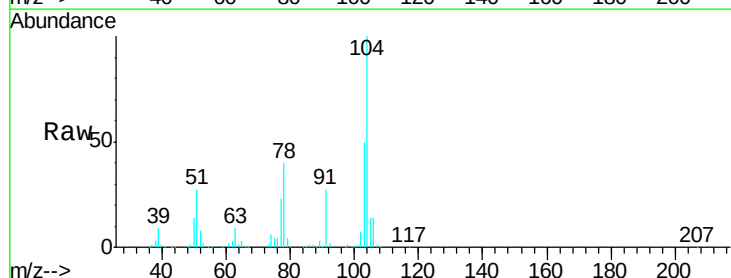
Manual Integrations
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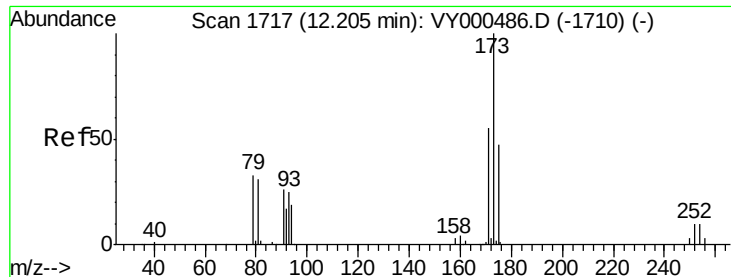
MMDadoda
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#70
Styrene
Concen: 20.719 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:104 Resp: 173339
Ion Ratio Lower Upper
104 100
78 47.2 39.0 58.4
103 52.8 42.5 63.7





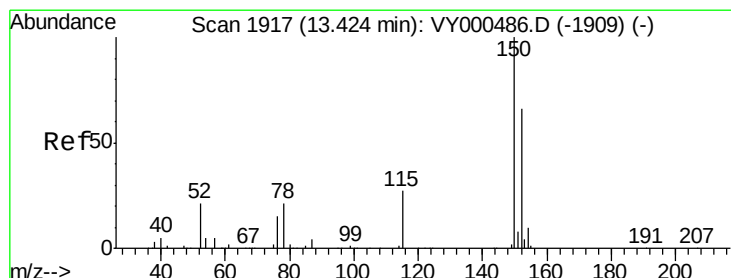
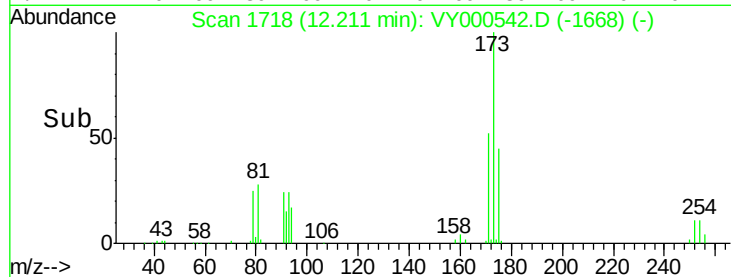
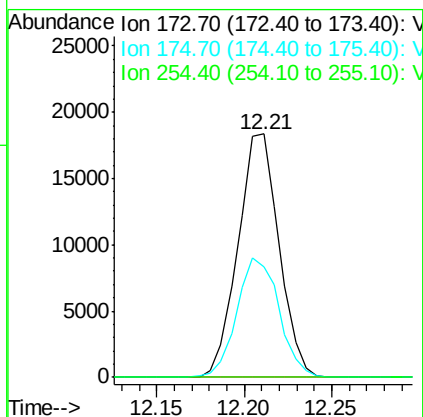
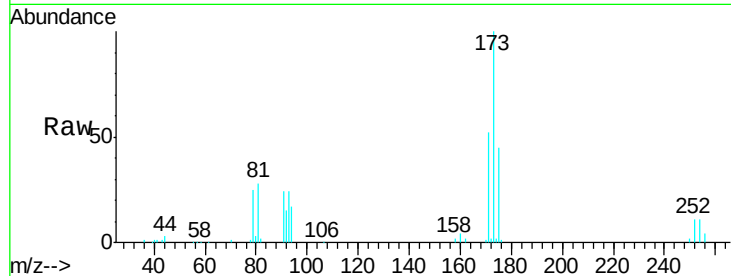
#71
Bromoform
Concen: 20.594 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.4	73.2
254	0.0	0.1	0.1#

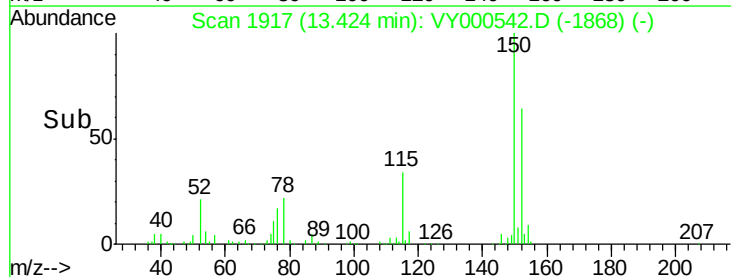
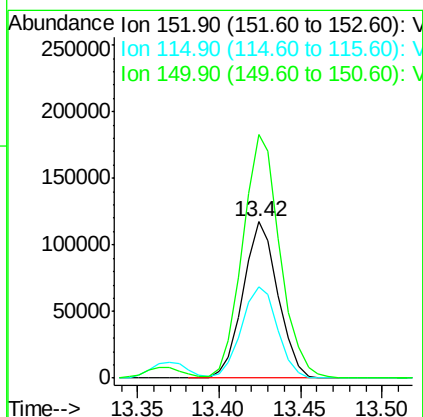
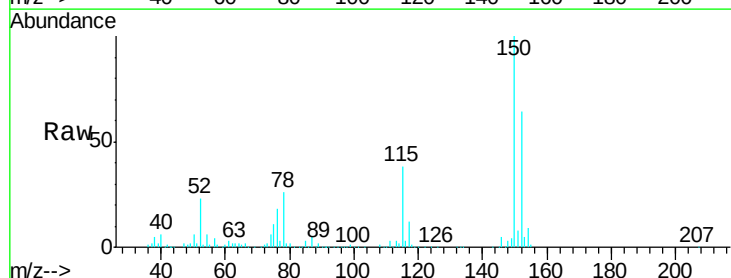
Manual Integrations
APPROVED

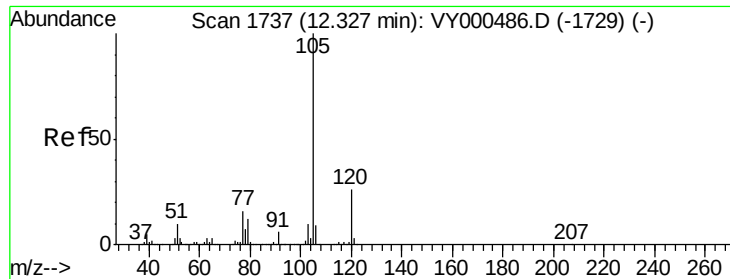
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.1	87.4
150	166.0	0.0	348.8





#73

Isopropylbenzene

Concen: 21.153 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion: 105 Resp: 273751

Ion Ratio Lower Upper

105 100

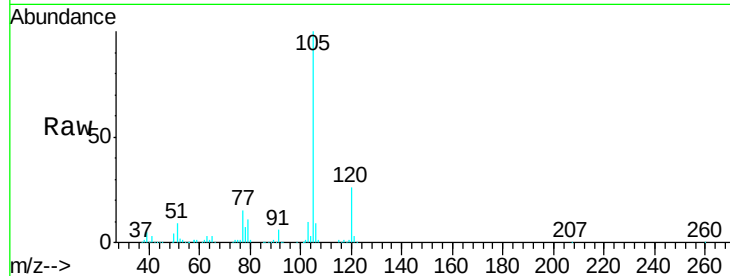
120 26.7 13.5 40.4

Manual Integrations

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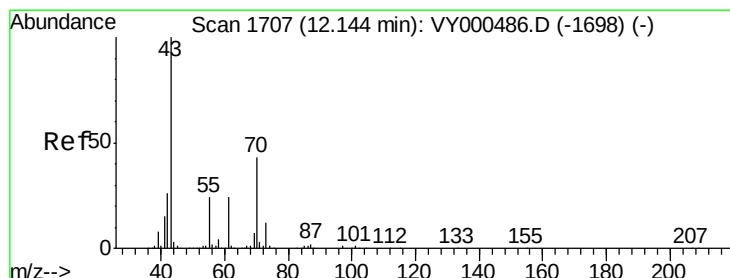
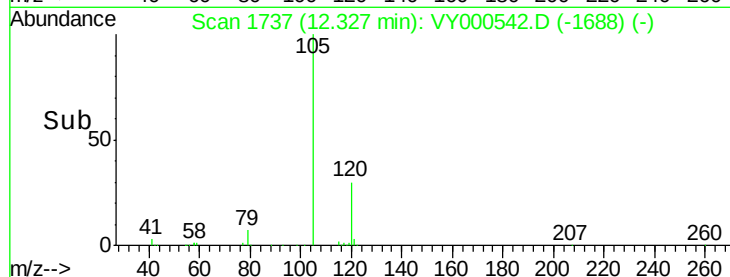
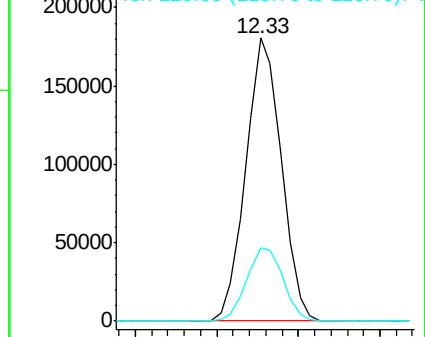
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.648 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion: 43 Resp: 76529

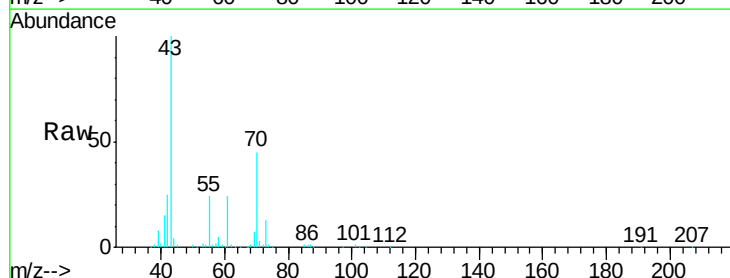
Ion Ratio Lower Upper

43 100

70 43.1 33.1 49.7

55 22.9 18.0 27.0

61 23.9 19.1 28.7

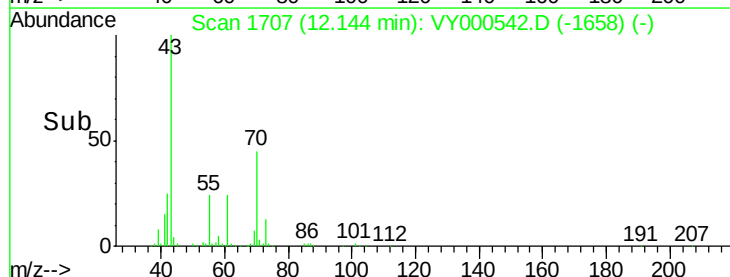
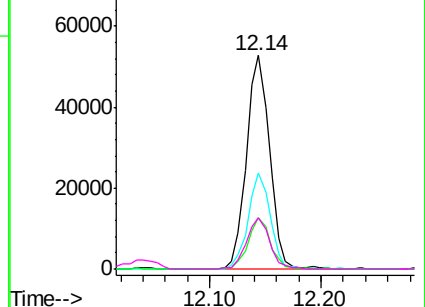


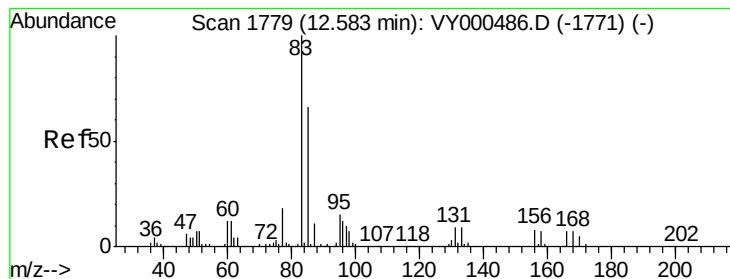
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.731 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

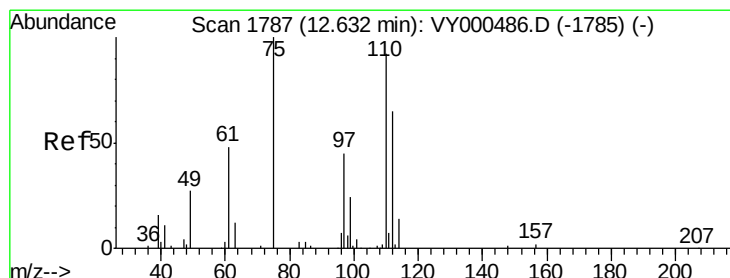
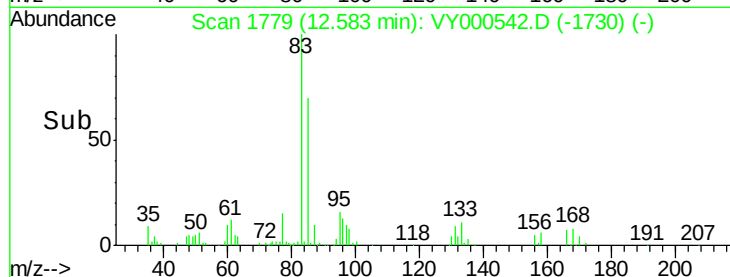
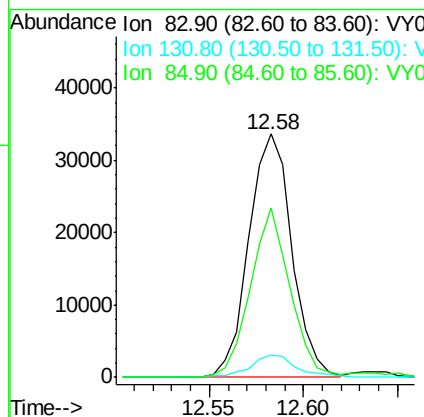
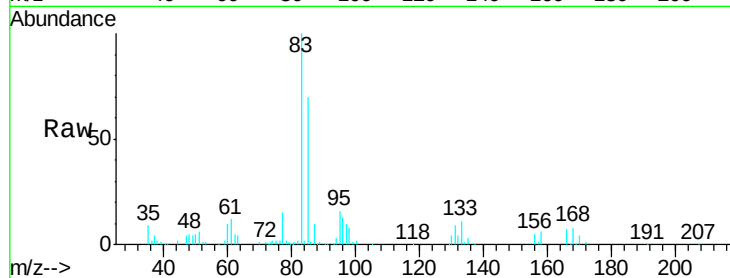
ClientSampleId :

VY1106SBS01

Tgt Ion:	83	Resp:	53121
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	64.0	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.856 ug/l m

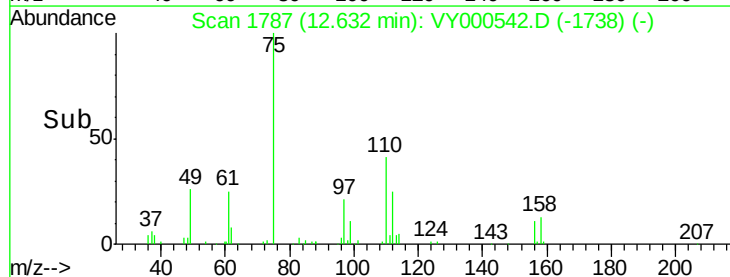
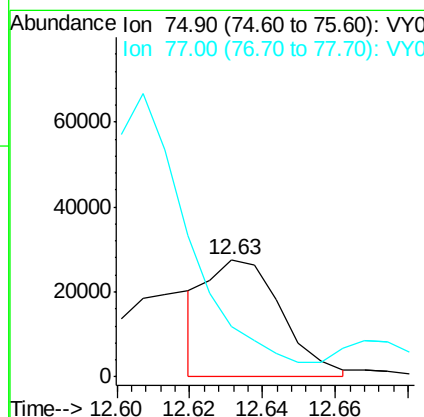
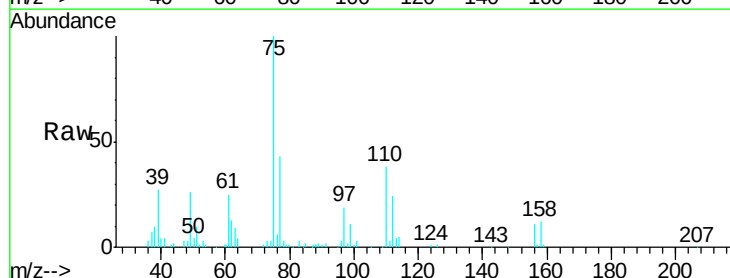
RT: 12.63 min Scan# 1787

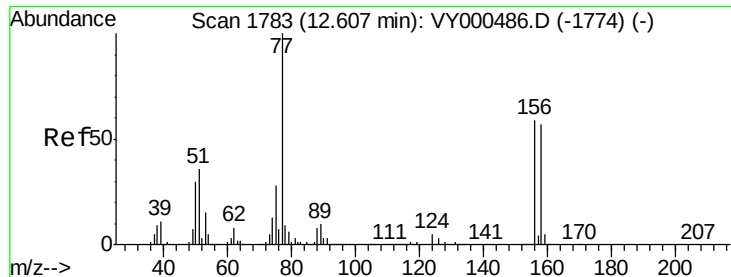
Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion:	75	Resp:	39588
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.877 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion:156 Resp: 61268

Ion Ratio Lower Upper

156 100

77 191.3 98.2 294.4

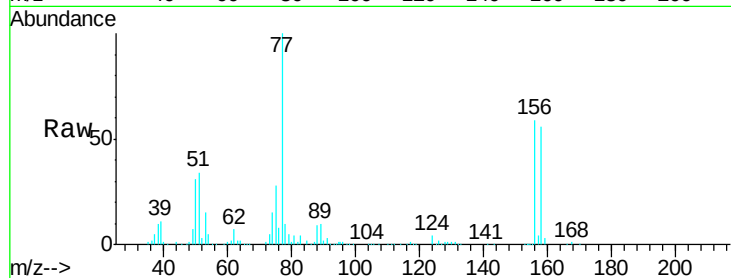
158 95.4 49.6 149.0

Manual Integrations

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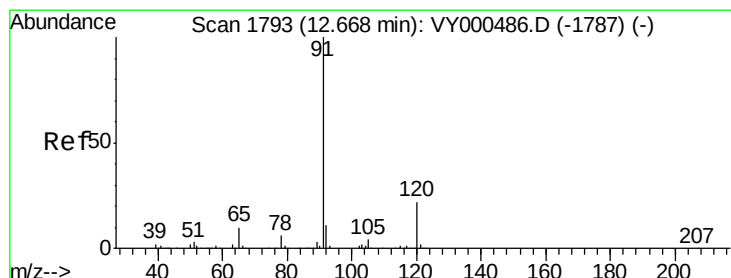
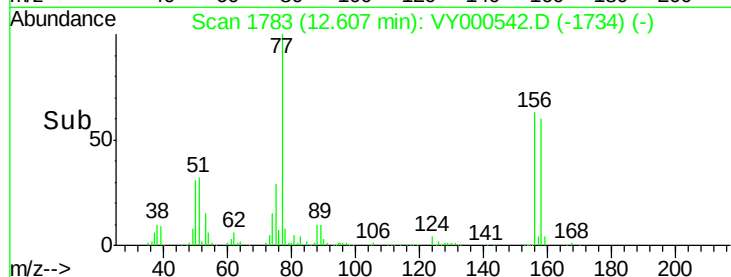
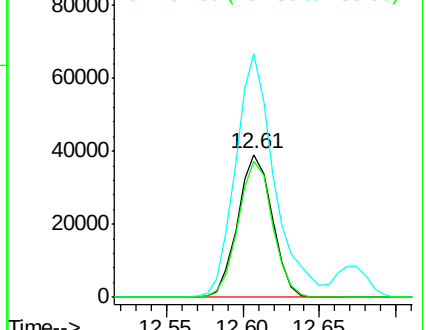
11/8/2019 10:39:08 AM



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: 21.016 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000542.D

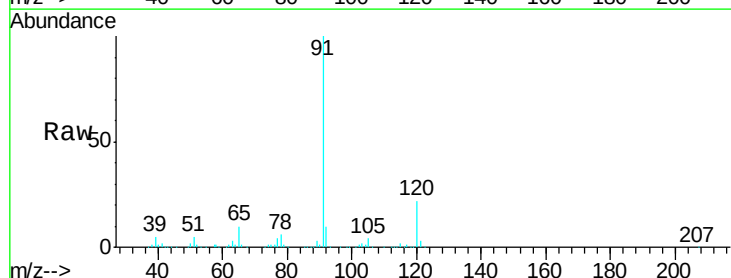
Acq: 06 Nov 2019 11:51

Tgt Ion: 91 Resp: 328167

Ion Ratio Lower Upper

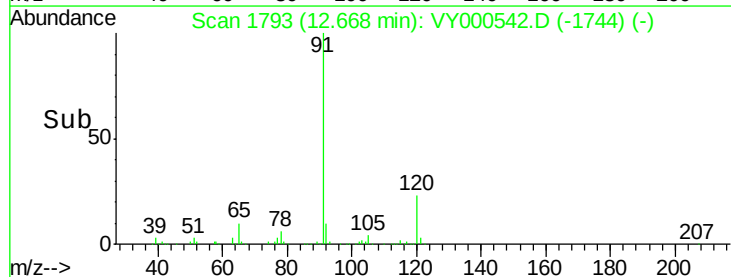
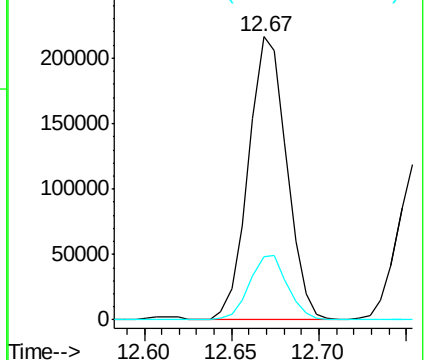
91 100

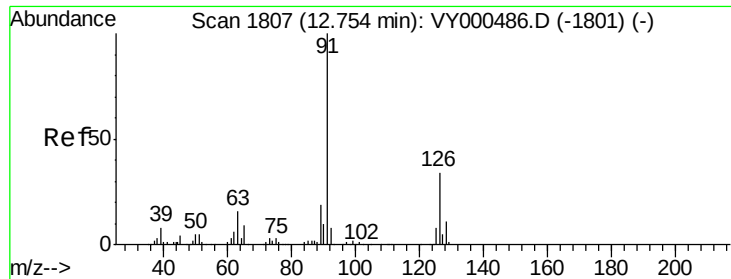
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





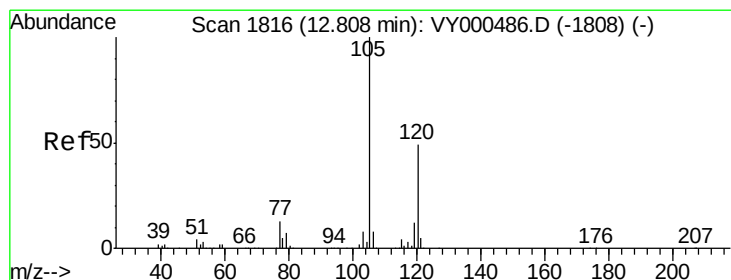
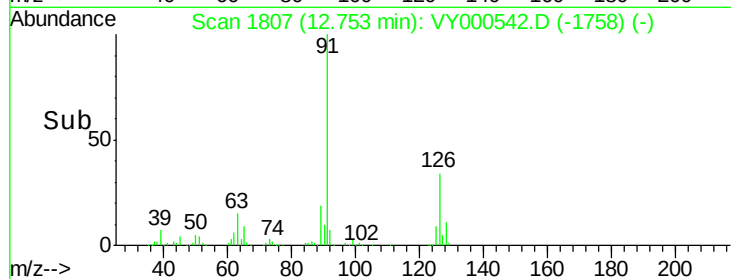
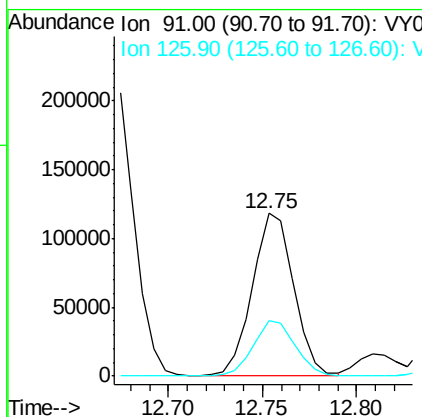
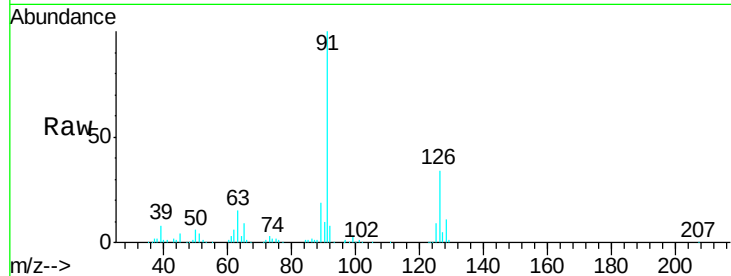
#79
 2-Chlorotoluene
 Concen: 20.863 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion: 91 Resp: 180853
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.7 53.1

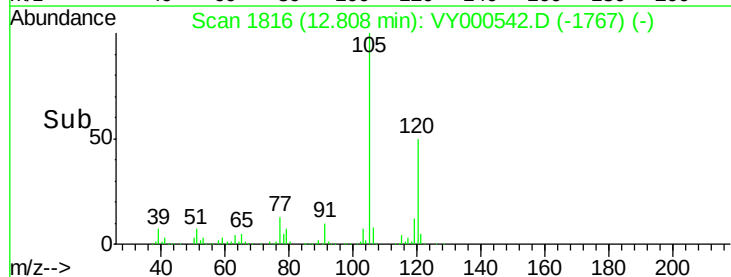
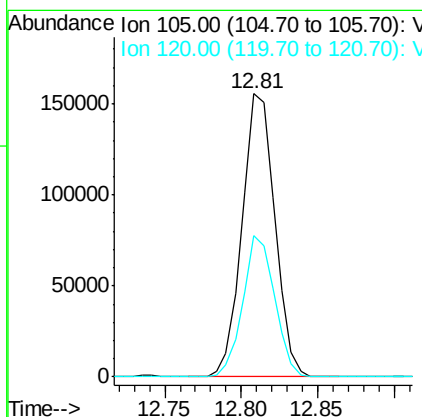
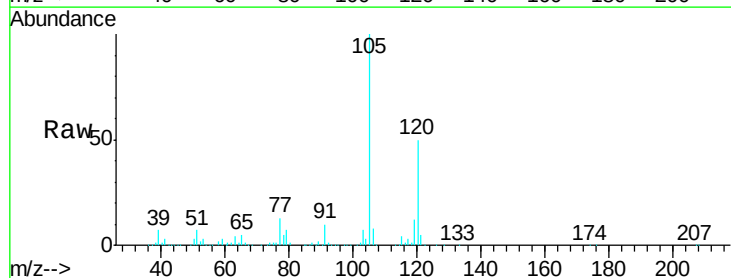
Manual Integrations
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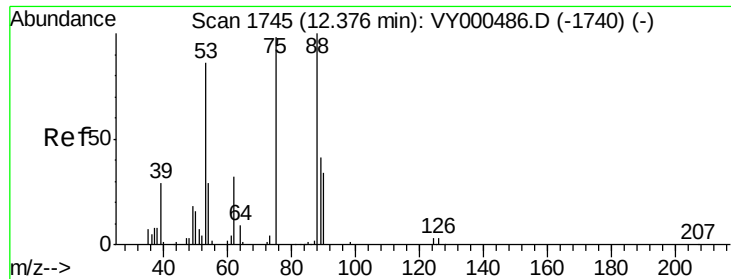
MMDadoda
 11/8/2019 10:39:08 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.553 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 105 Resp: 232302
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.157 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

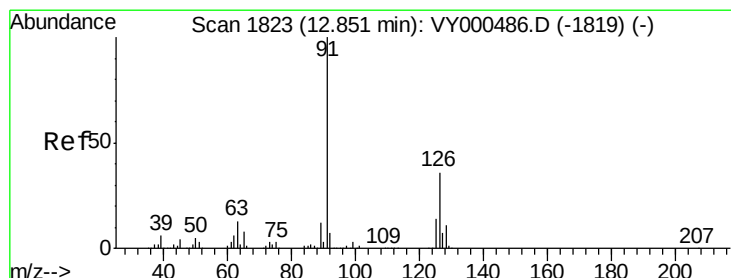
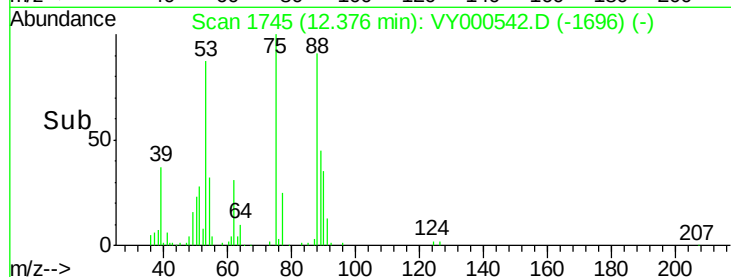
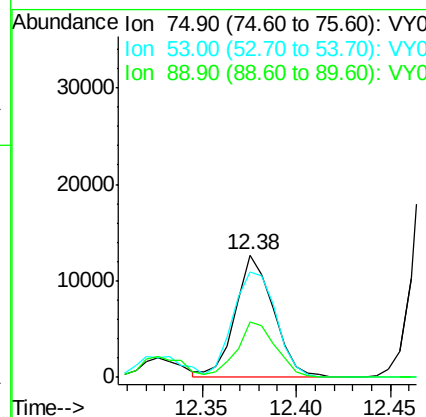
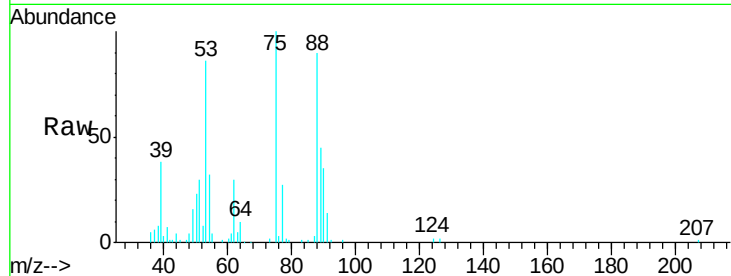
ClientSampleId :

VY1106SBS01

Tgt Ion:	75	Resp:	17924
Ion	Ratio	Lower	Upper
75	100		
53	97.1	73.2	109.8
89	45.5	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.190 ug/l

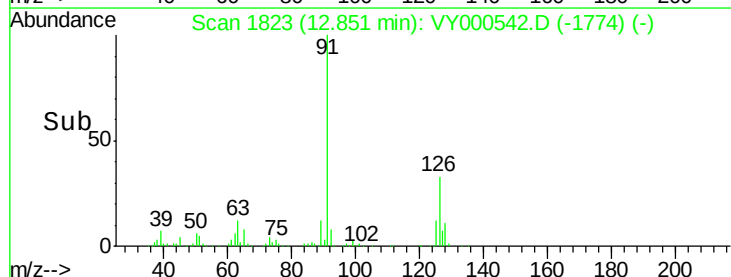
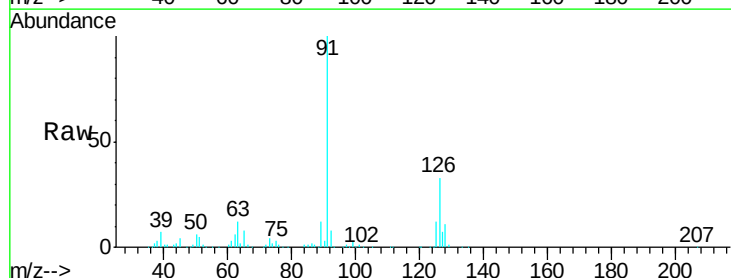
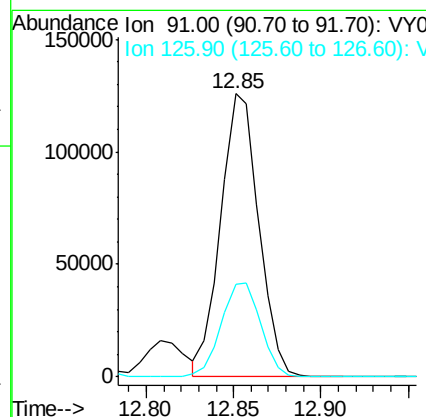
RT: 12.85 min Scan# 1823

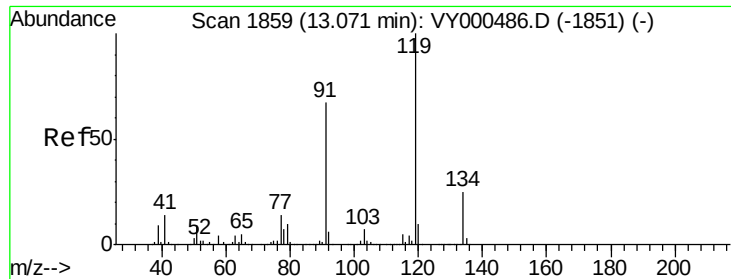
Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion:	91	Resp:	190406
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.6	52.9





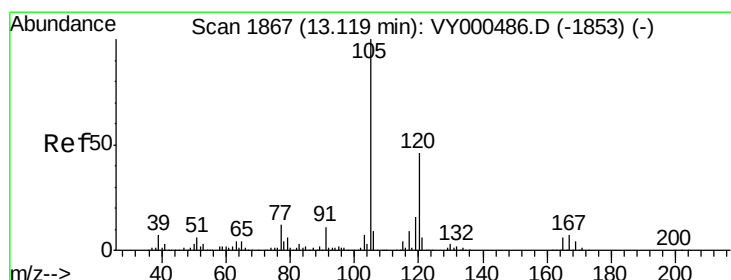
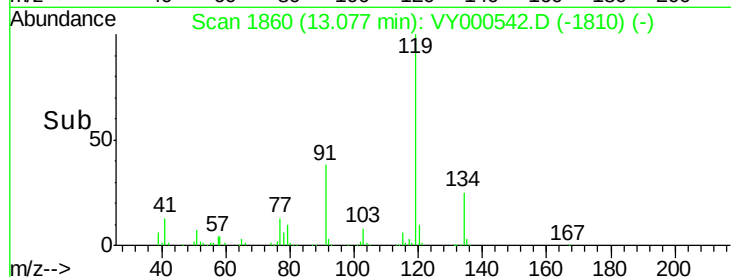
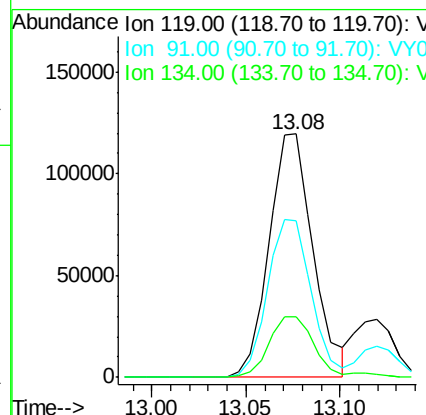
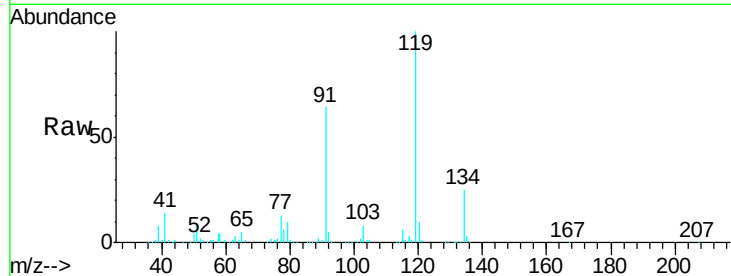
#83
 tert-Butylbenzene
 Concen: 21.001 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	193272		
91	64.2	32.1	96.3	
134	26.2	13.2	39.5	

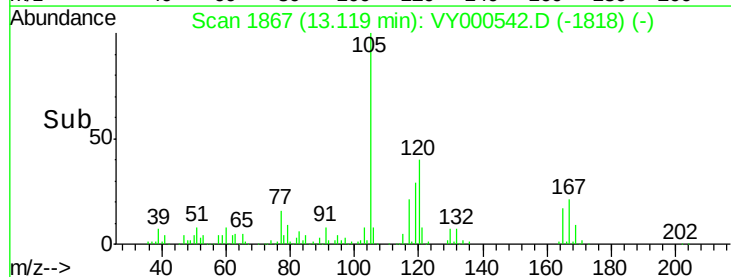
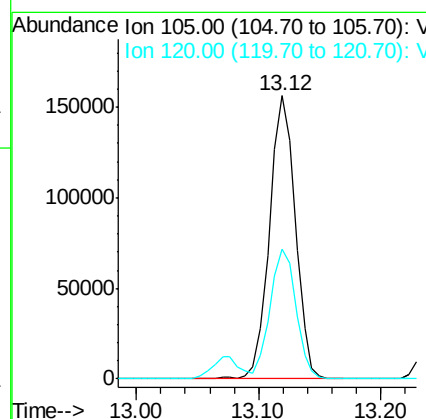
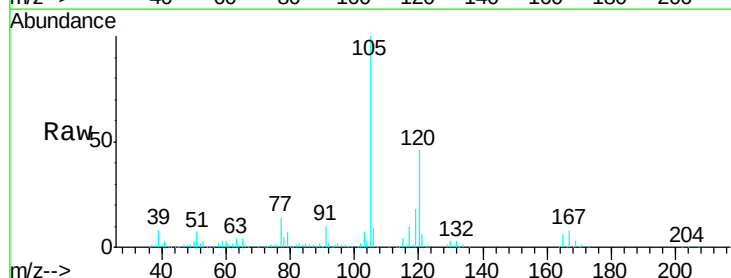
Manual Integrations
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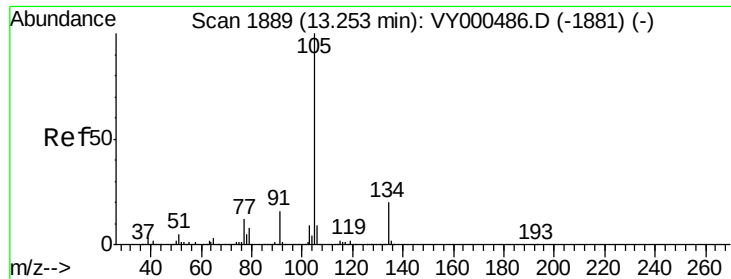
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 11/8/2019 10:39:08 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.423 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229902		
120	46.1	23.3	69.9	





#85

sec-Butylbenzene

Concen: 21.143 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBS01

Tgt Ion:105 Resp: 277223

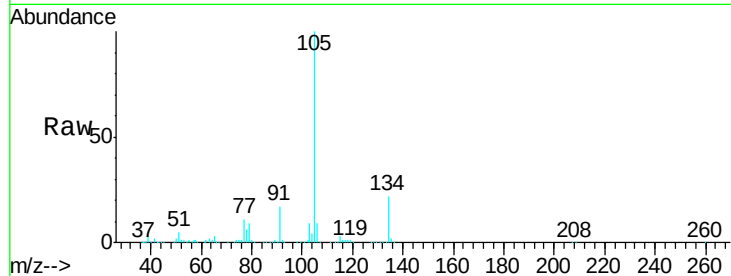
Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1

Manual Integrations
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MMDadoda
11/8/2019 10:39:08 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

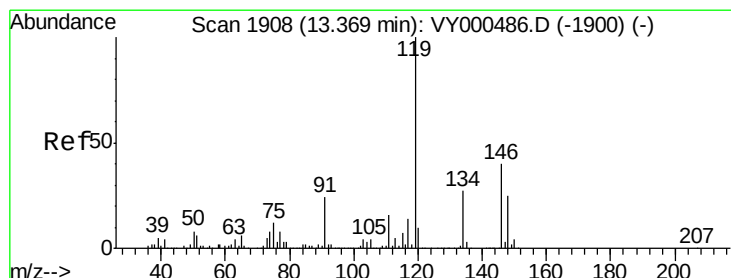
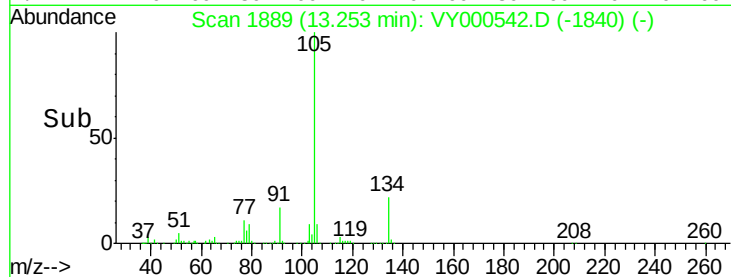
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.324 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

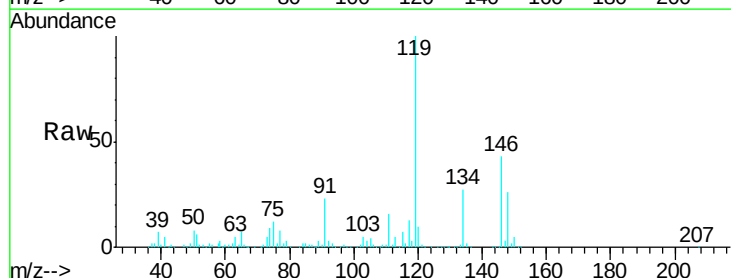
Tgt Ion:119 Resp: 249181

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

150000

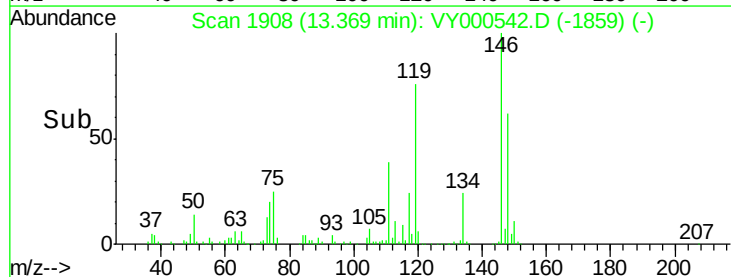
100000

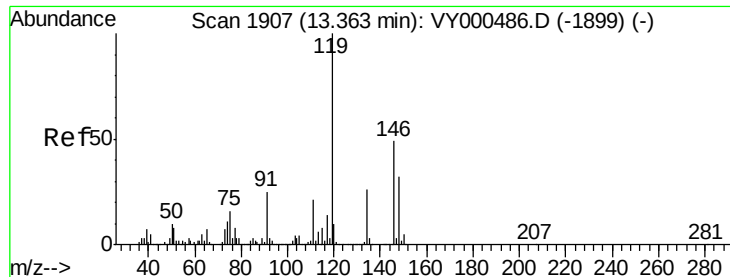
50000

0

13.30 13.35 13.40

Time-->





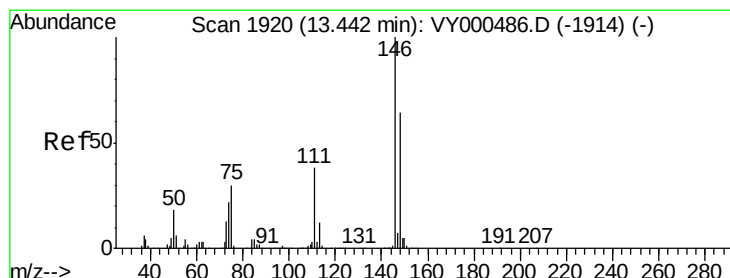
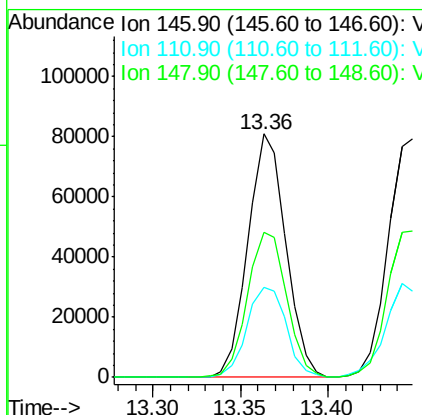
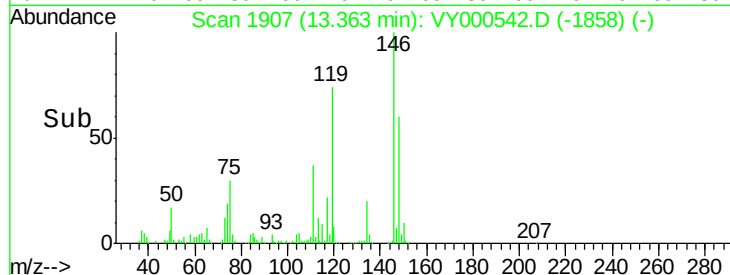
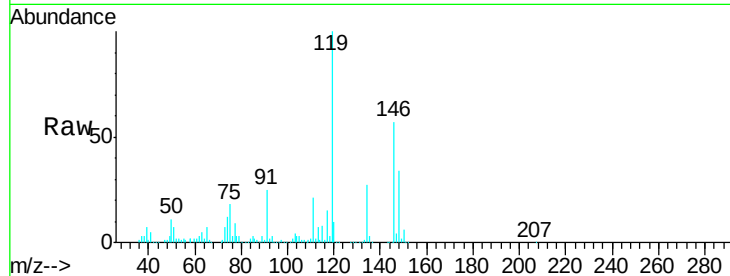
#87
 1,3-Dichlorobenzene
 Concen: 21.371 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.3	60.8
148	61.5	31.5	94.5

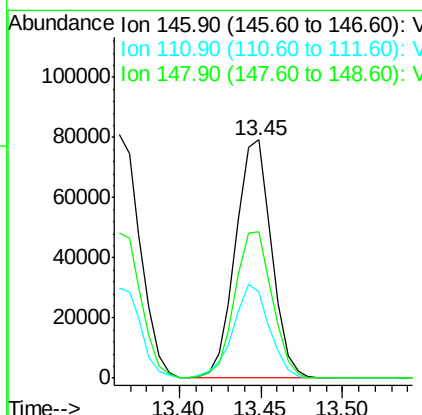
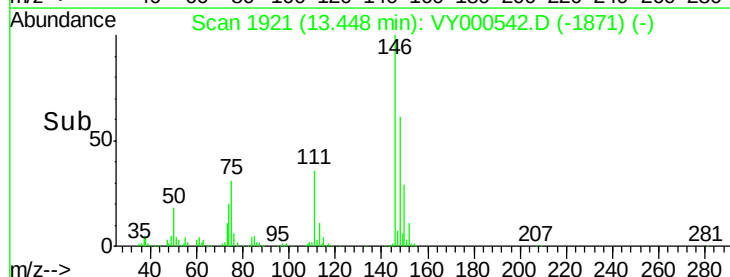
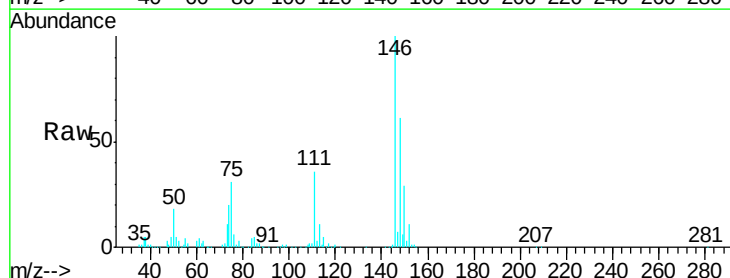
Manual Integrations
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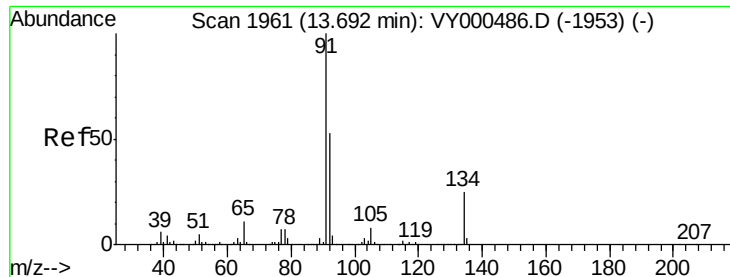
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#88
 1,4-Dichlorobenzene
 Concen: 21.241 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.0
148	63.7	31.9	95.7





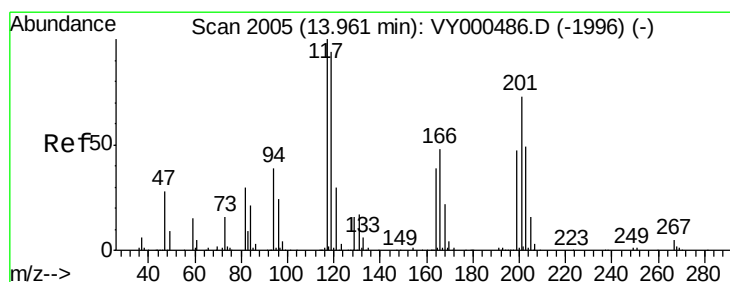
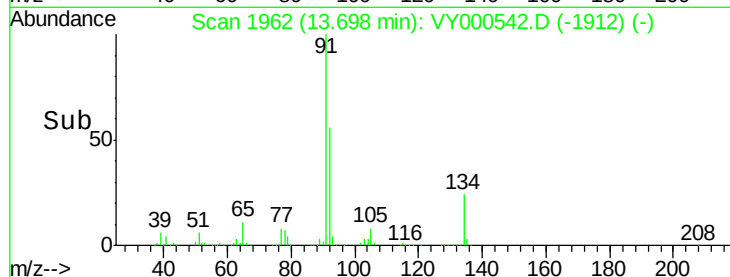
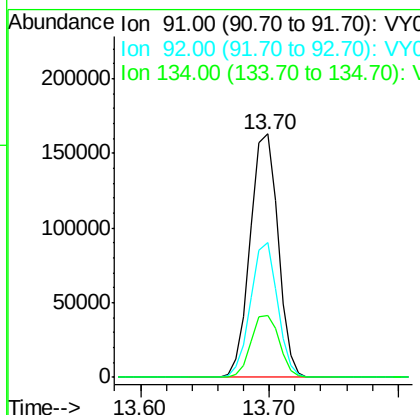
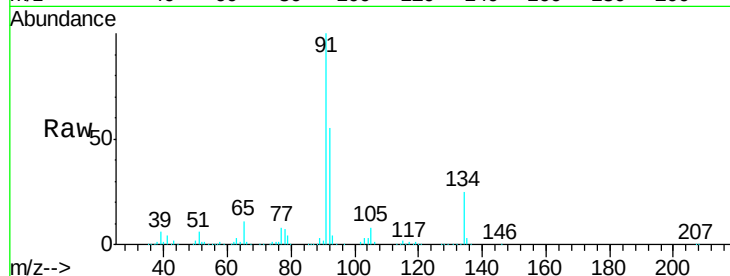
#89
n-Butylbenzene
Concen: 21.016 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.3
134	25.9	12.9	38.7

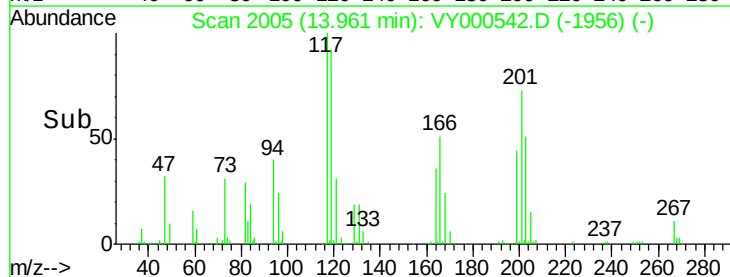
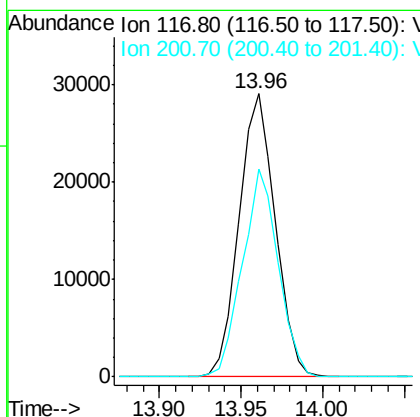
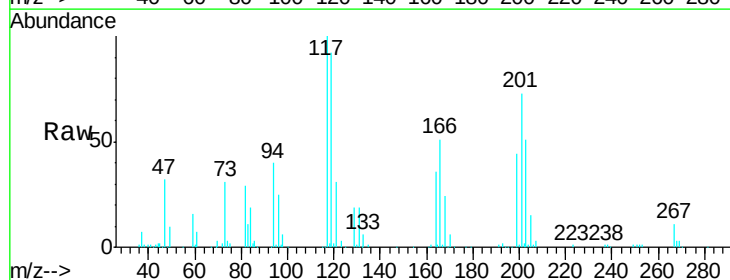
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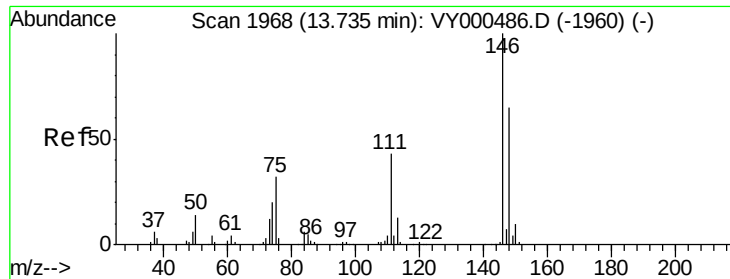
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11/8/2019 10:39:08 AM



#90
Hexachloroethane
Concen: 20.834 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.7	35.8	107.3





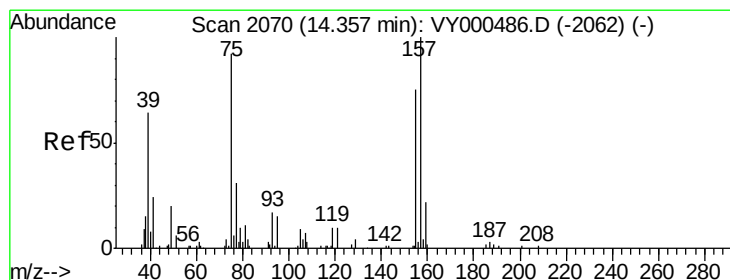
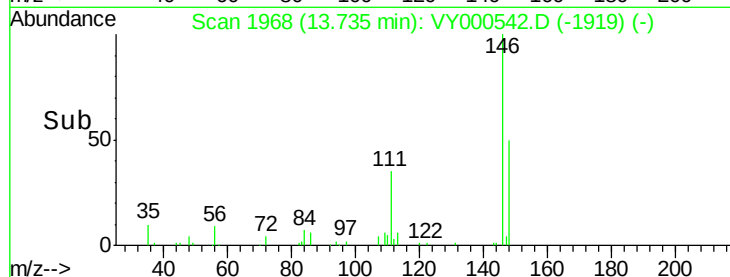
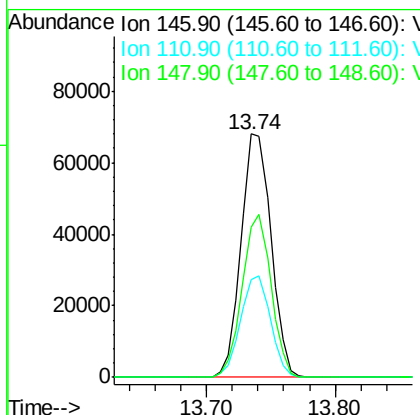
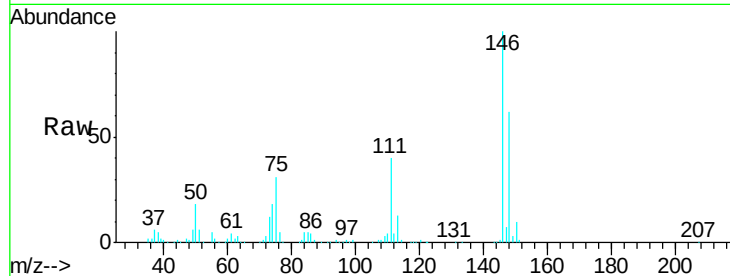
#91
 1,2-Dichlorobenzene
 Concen: 20.986 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	109452		
111	41.4	20.5	61.5	
148	64.4	31.7	95.1	

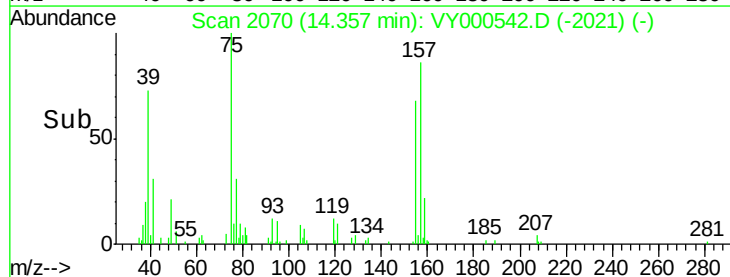
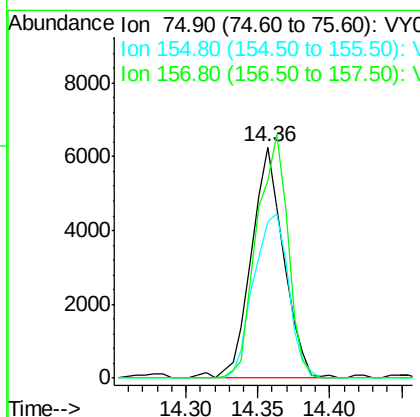
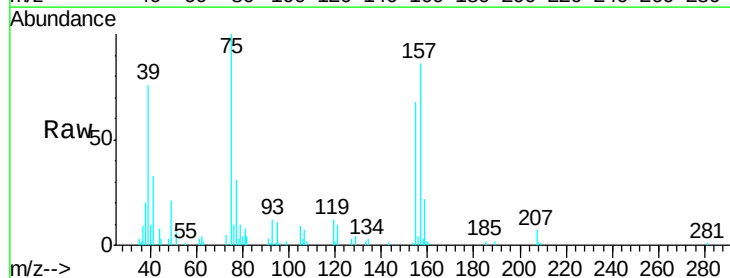
Manual Integrations
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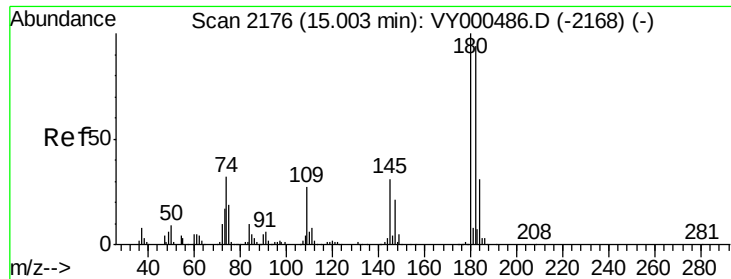
MMDadoda
 11/8/2019 10:39:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.367 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9690		
155	76.7	42.4	127.1	
157	101.0	55.1	165.3	





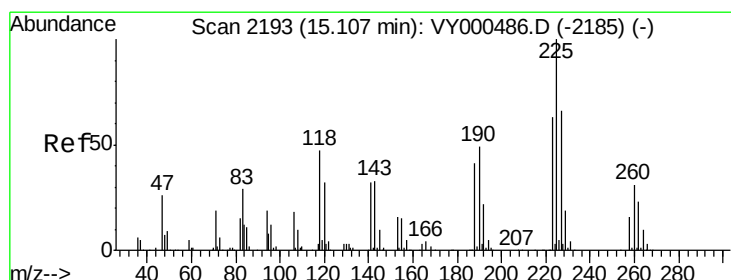
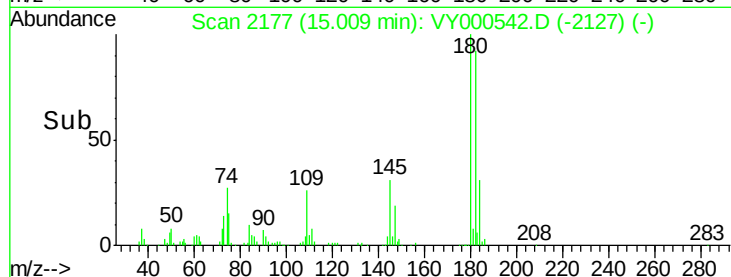
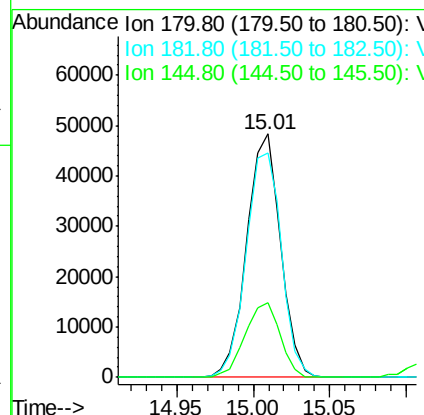
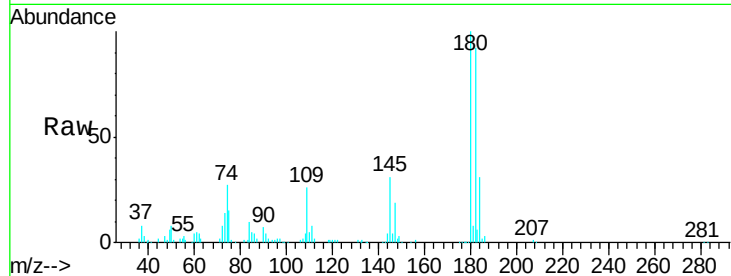
#93
 1,2,4-Trichlorobenzene
 Concen: 20.957 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74422		
182	96.4	47.8	143.4	
145	31.8	16.0	47.9	

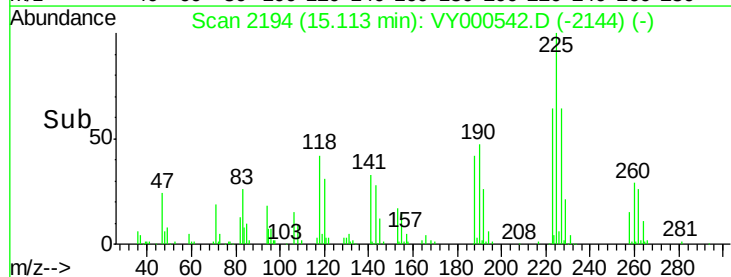
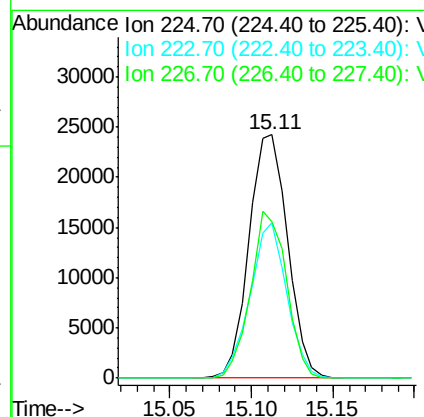
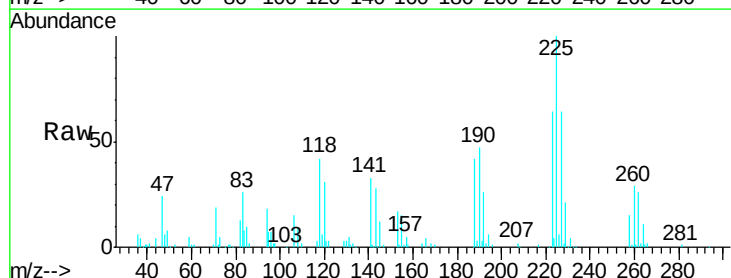
Manual Integrations
 APPROVED

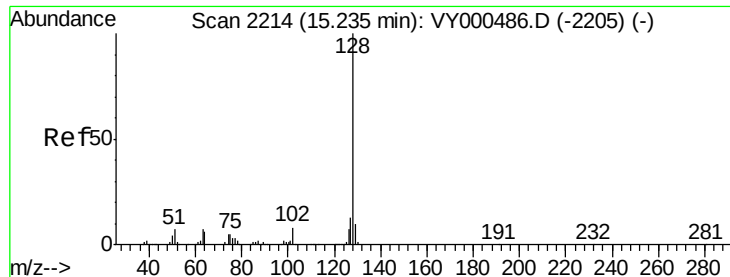
MMDadoda
 11/8/2019 10:39:08 AM



#94
 Hexachlorobutadiene
 Concen: 21.882 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40057		
223	60.7	31.3	93.8	
227	63.6	32.4	97.0	





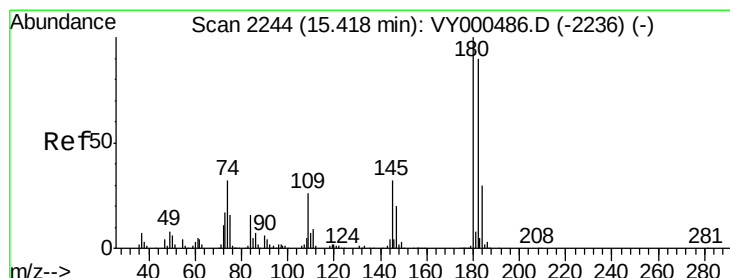
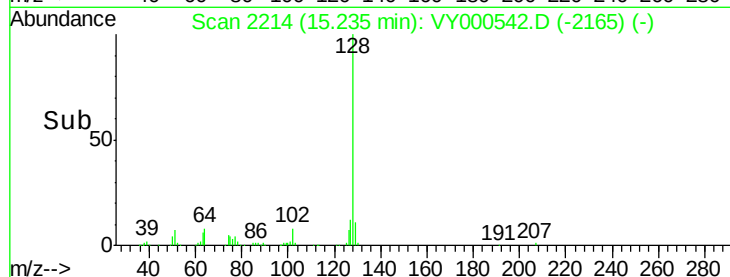
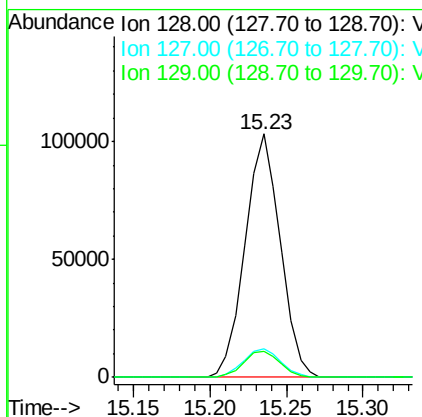
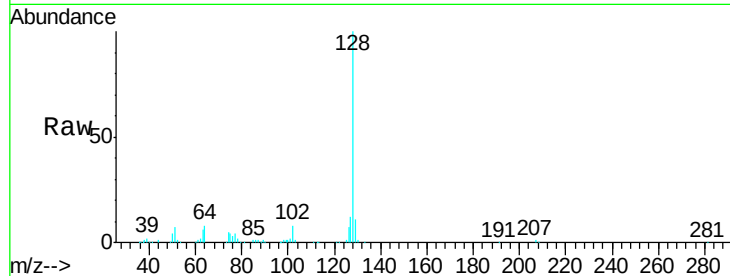
#95
Naphthalene
Concen: 20.946 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	165128		
127	12.3	9.8	14.6	
129	11.3	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/8/2019 10:39:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.966 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66798		
182	95.6	47.4	142.3	
145	33.1	15.7	47.0	

