

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000783.D
 Acq On : 22 Nov 2019 11:22
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:33:57 AM

Quant Time: Nov 23 04:32:16 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	310959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	538729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	167227	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.72	113	154877	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.18	98	627337	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.48	95	225436	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56180	18.353	ug/l	95
3) Chloromethane	2.12	50	80193	19.018	ug/l	99
4) Vinyl Chloride	2.25	62	78317	20.000	ug/l	93
5) Bromomethane	2.64	94	51541	21.949	ug/l	95
6) Chloroethane	2.79	64	50166	20.470	ug/l	99
7) Trichlorofluoromethane	3.13	101	114552	21.662	ug/l	96
8) Diethyl Ether	3.53	74	43092	22.933	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	70264	21.978	ug/l	96
10) Methyl Iodide	4.09	142	77483	20.434	ug/l	97
11) Tert butyl alcohol	4.97	59	34224	109.253	ug/l #	89
12) 1,1-Dichloroethene	3.87	96	69423	22.350	ug/l	94
13) Acrolein	3.74	56	22598	82.819	ug/l	94
14) Allyl chloride	4.49	41	124744	24.698	ug/l	93
15) Acrylonitrile	5.18	53	118226	122.823	ug/l	99
16) Acetone	3.96	43	86097	97.074	ug/l	98
17) Carbon Disulfide	4.19	76	208842	21.317	ug/l	98
18) Methyl Acetate	4.49	43	62730	22.747	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	199670	23.120	ug/l	100
20) Methylene Chloride	4.72	84	85827	22.584	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	82166	23.399	ug/l	97
22) Diisopropyl ether	6.13	45	263516	24.004	ug/l	89
23) Vinyl Acetate	6.07	43	820469	118.395	ug/l	99
24) 1,1-Dichloroethane	6.02	63	141312	23.761	ug/l	98
25) 2-Butanone	6.99	43	155500	109.857	ug/l	99
26) 2,2-Dichloropropane	6.99	77	120108	22.099	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	90163	23.481	ug/l	100
28) Bromochloromethane	7.35	49	34551	15.788	ug/l	94
29) Tetrahydrofuran	7.35	42	102839	118.761	ug/l	98
30) Chloroform	7.52	83	142012	23.604	ug/l	98
31) Cyclohexane	7.79	56	142338	22.851	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	117860	21.981	ug/l	99
36) 1,1-Dichloropropene	7.92	75	109554	21.511	ug/l	100
37) Ethyl Acetate	7.09	43	67222	22.232	ug/l	98
38) Carbon Tetrachloride	7.90	117	101914	20.797	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	142937	21.724	ug/l	98
40) Benzene	8.17	78	332018	22.237	ug/l	99
41) Methacrylonitrile	7.32	41	33603m	19.921	ug/l	
42) 1,2-Dichloroethane	8.25	62	89180	21.059	ug/l	99
43) Isopropyl Acetate	8.28	43	124881	21.986	ug/l	98
44) Trichloroethene	8.94	130	85779	21.789	ug/l	92
45) 1,2-Dichloropropane	9.22	63	84053	22.873	ug/l	96
46) Dibromomethane	9.31	93	44832	22.183	ug/l	96
47) Bromodichloromethane	9.50	83	103882	21.662	ug/l	98
48) Methyl methacrylate	9.30	41	54918	22.129	ug/l	97
49) 1,4-Dioxane	9.30	88	12814	471.105	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	337139	111.639	ug/l	97
52) Toluene	10.24	92	208239	22.059	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112935	22.041	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	131979	22.484	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	64901	22.202	ug/l	97
56) Ethyl methacrylate	10.51	69	98113	23.681	ug/l	93
57) 1,3-Dichloropropane	10.79	76	117066	22.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	214634	114.591	ug/l	97
59) 2-Hexanone	10.83	43	236826	107.635	ug/l	96
60) Dibromochloromethane	10.98	129	71574	21.376	ug/l	95
61) 1,2-Dibromoethane	11.09	107	61126	21.748	ug/l	96
64) Tetrachloroethene	10.72	164	89472	22.136	ug/l	96
65) Chlorobenzene	11.52	112	217156	21.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	72854	21.196	ug/l	100
67) Ethyl Benzene	11.59	91	398838	21.866	ug/l	97
68) m/p-Xylenes	11.70	106	303413	42.978	ug/l	98
69) o-Xylene	12.03	106	143938	21.694	ug/l	97
70) Styrene	12.04	104	242573	21.351	ug/l	100
71) Bromoform	12.20	173	40394	20.432	ug/l #	98
73) Isopropylbenzene	12.33	105	383131	22.676	ug/l	99
74) N-amyl acetate	12.14	43	108762	22.477	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	75981	22.712	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	54845m	21.070	ug/l	
77) Bromobenzene	12.61	156	84133	21.959	ug/l	95
78) n-propylbenzene	12.67	91	468092	22.961	ug/l	100
79) 2-Chlorotoluene	12.75	91	257625	22.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	318954	22.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28112	24.215	ug/l	91
82) 4-Chlorotoluene	12.85	91	271346	23.130	ug/l	97
83) tert-Butylbenzene	13.07	119	276162	22.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	327468	23.373	ug/l	98
85) sec-Butylbenzene	13.25	105	392264	22.916	ug/l	99
86) p-Isopropyltoluene	13.37	119	345262	22.631	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	169860	22.634	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	165155	22.023	ug/l	98
89) n-Butylbenzene	13.69	91	347801	23.114	ug/l	99
90) Hexachloroethane	13.96	117	62421	22.132	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	151925	22.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13868	23.423	ug/l	90

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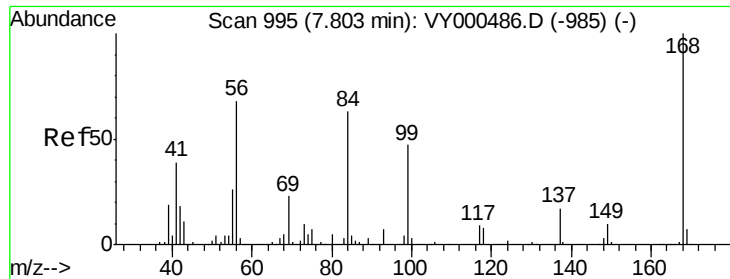
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106893	23.056	ug/l	97
94) Hexachlorobutadiene	15.11	225	51817	21.682	ug/l	99
95) Naphthalene	15.23	128	243901	23.698	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89053	21.410	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion:168 Resp: 310959

Ion Ratio Lower Upper

168 100

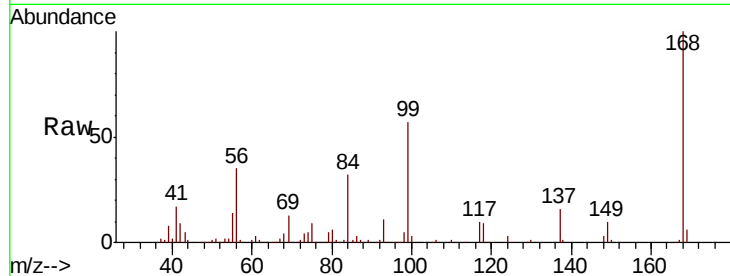
99 57.1 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

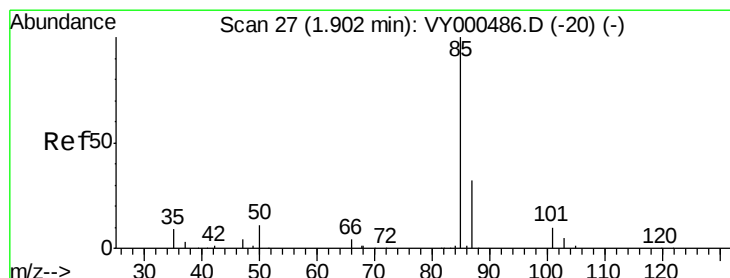
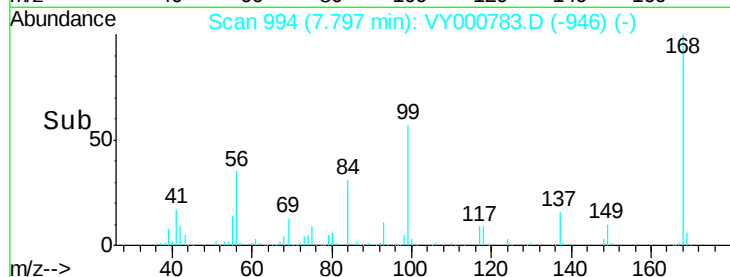
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.353 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000783.D

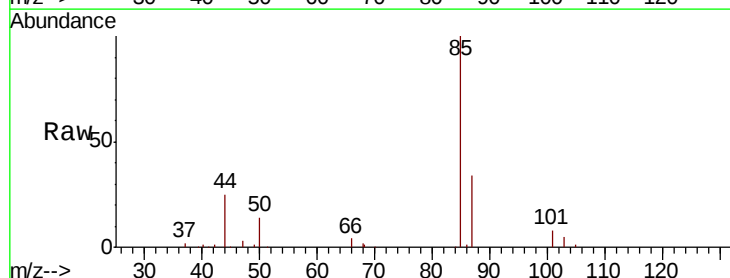
Acq: 22 Nov 2019 11:22

Tgt Ion: 85 Resp: 56180

Ion Ratio Lower Upper

85 100

87 34.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

40000

30000

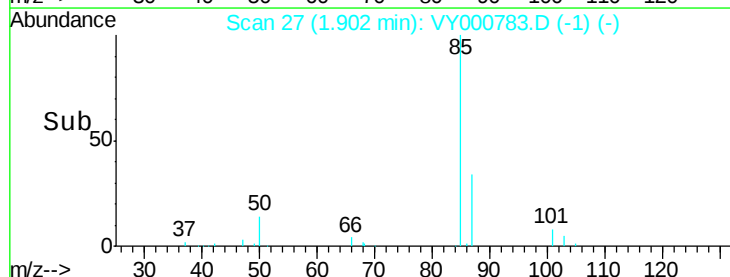
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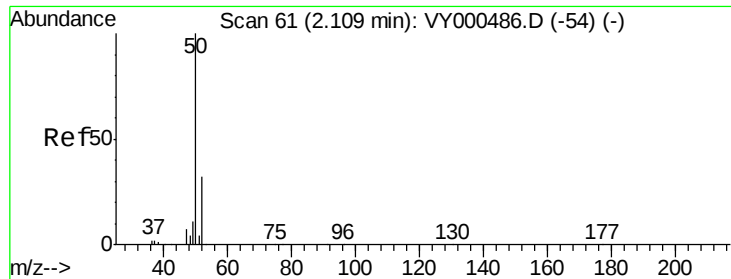
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.018 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 50 Resp: 80193

Ion Ratio Lower Upper

50 100

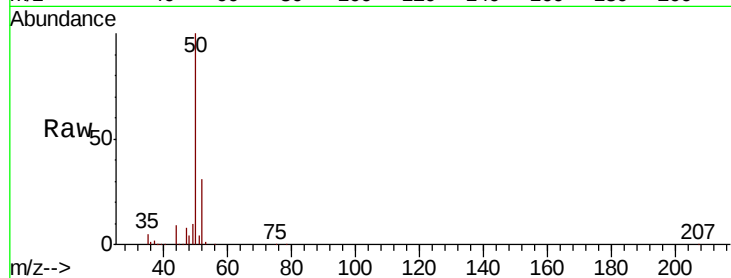
52 31.1 25.2 37.8

Manual Integrations

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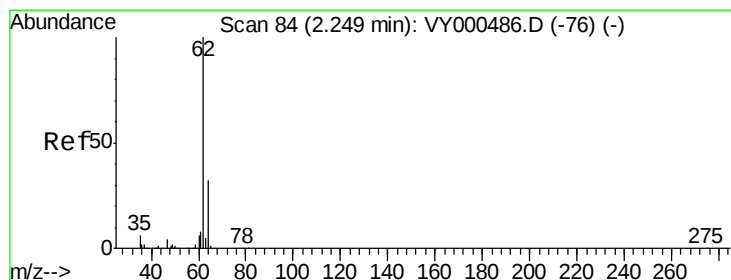
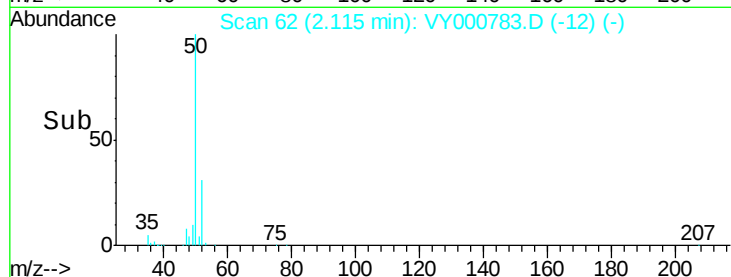
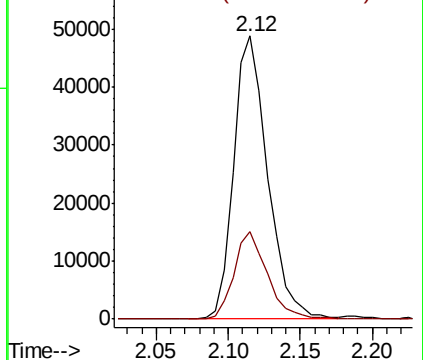
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.000 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000783.D

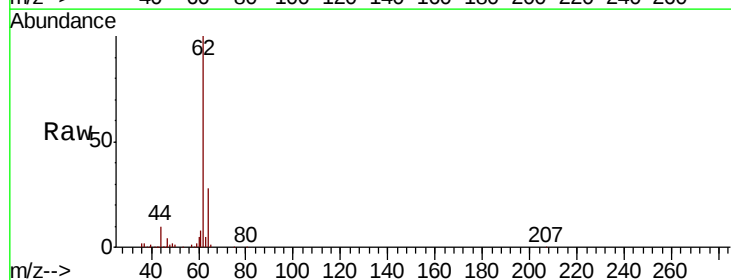
Acq: 22 Nov 2019 11:22

Tgt Ion: 62 Resp: 78317

Ion Ratio Lower Upper

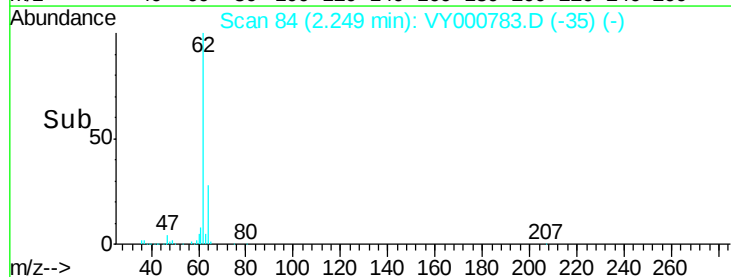
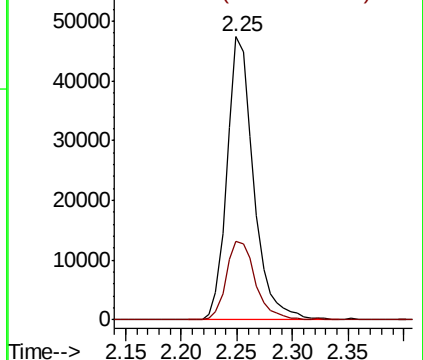
62 100

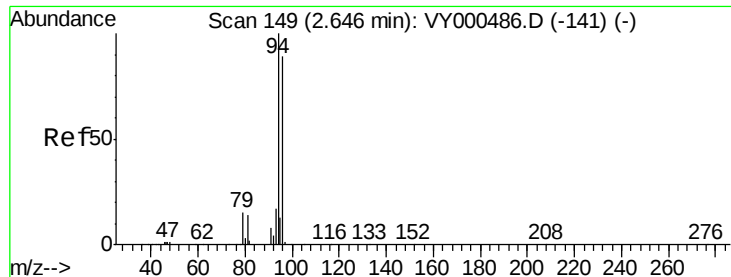
64 27.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.949 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 94 Resp: 51541

Ion Ratio Lower Upper

94 100

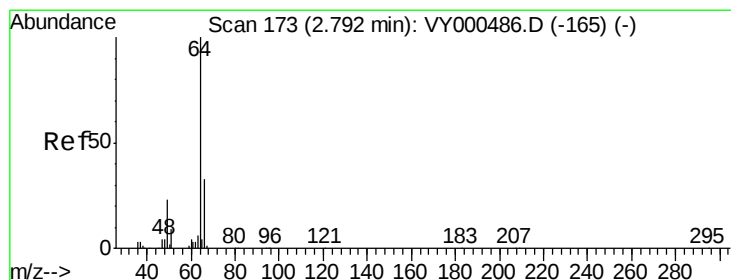
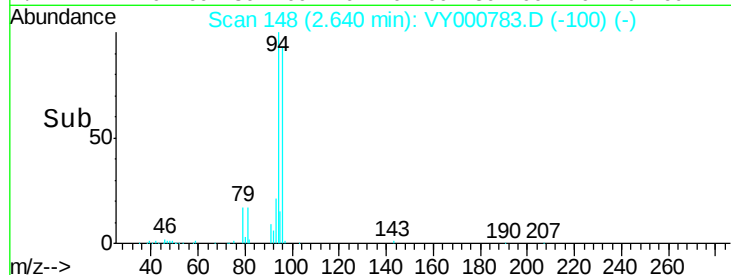
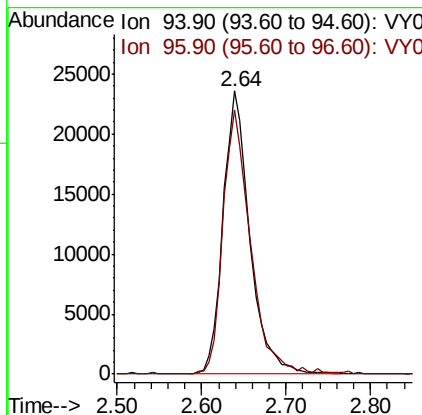
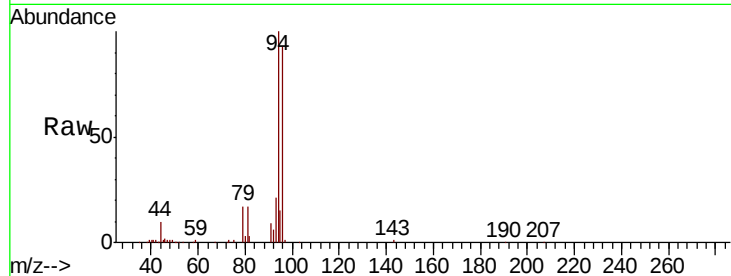
96 93.3 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 20.470 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000783.D

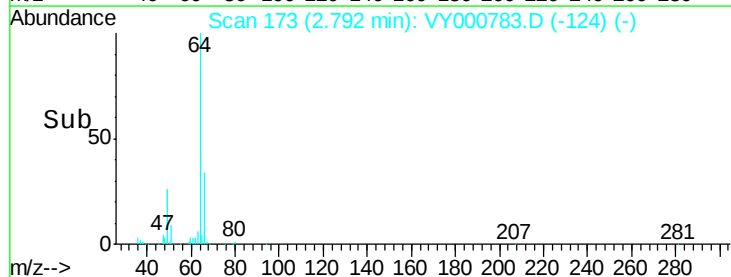
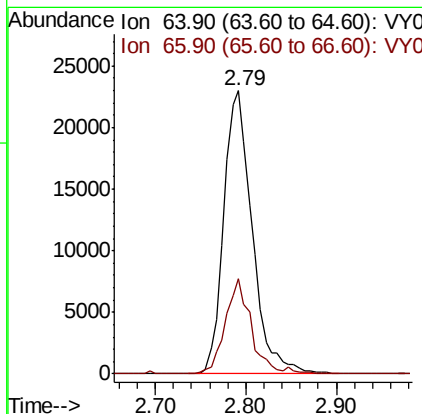
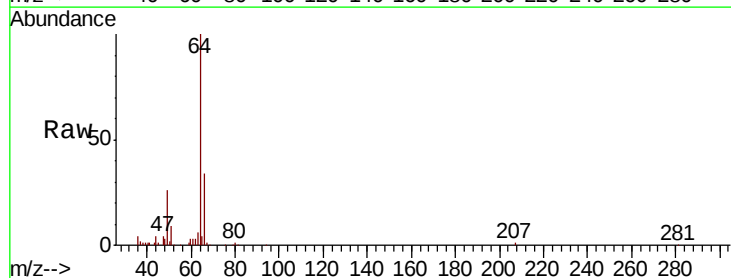
Acq: 22 Nov 2019 11:22

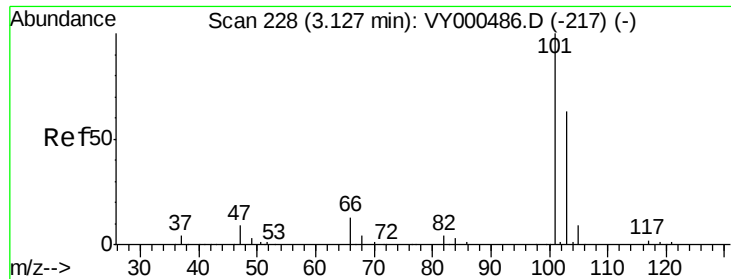
Tgt Ion: 64 Resp: 50166

Ion Ratio Lower Upper

64 100

66 33.8 26.6 40.0





#7

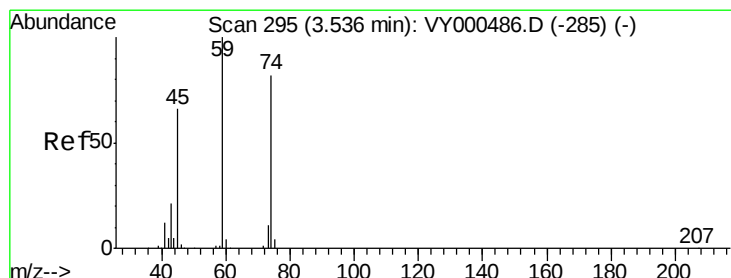
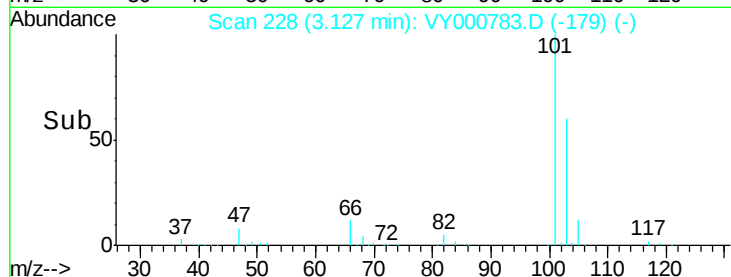
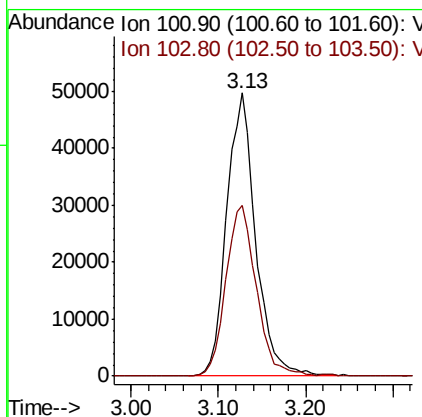
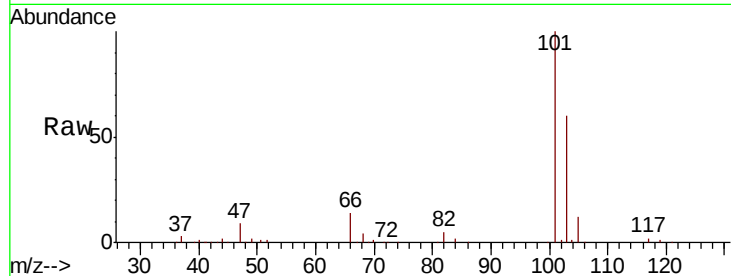
Trichlorofluoromethane
Concen: 21.662 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.9	50.5	75.7

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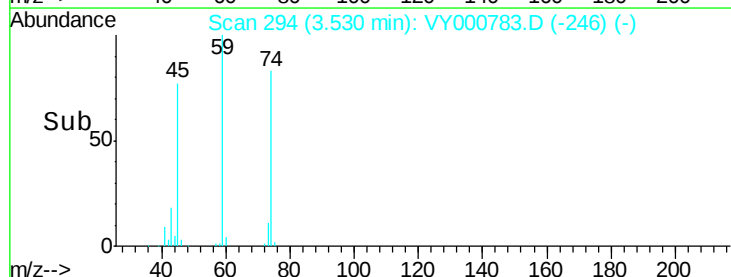
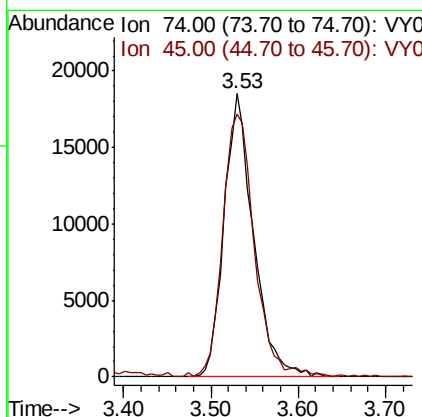
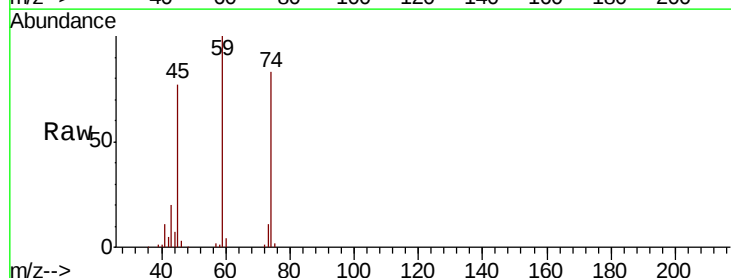
MMDadoda
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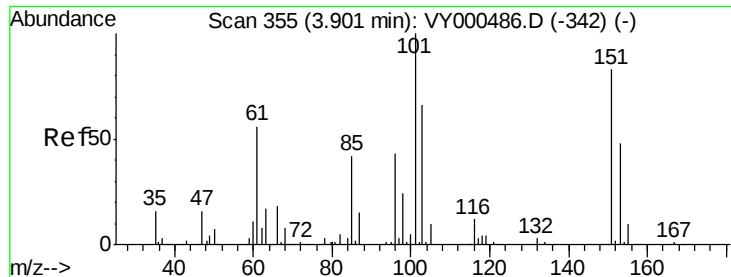


#8

Diethyl Ether
Concen: 22.933 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.978 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

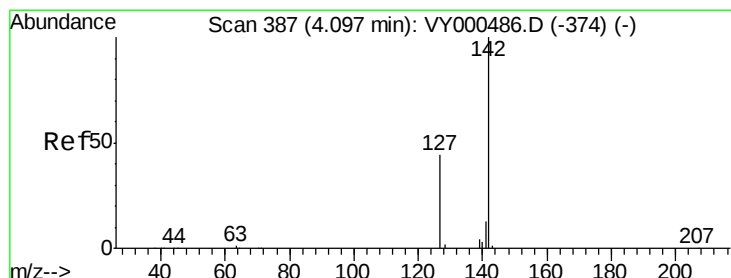
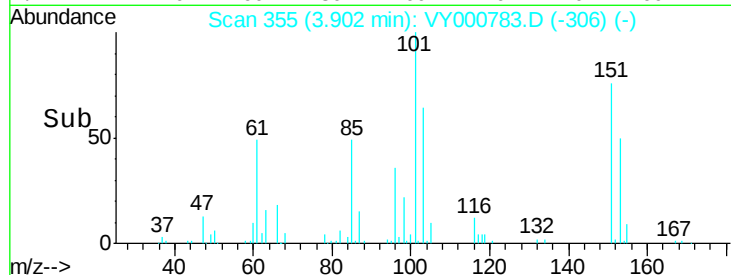
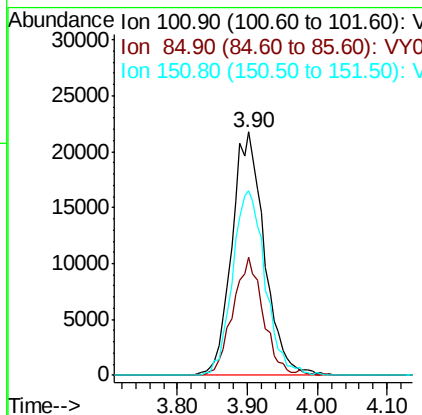
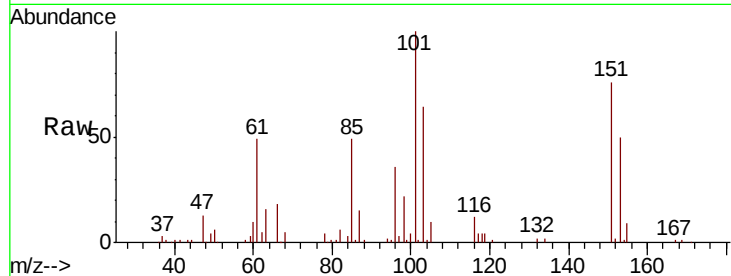
ClientSampleId :

VY1122SBS01

Tot Ion:	101	Resp:	70264
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.7	55.1
151	76.0	64.3	96.5

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#10

Methyl Iodide

Concen: 20.434 ug/l

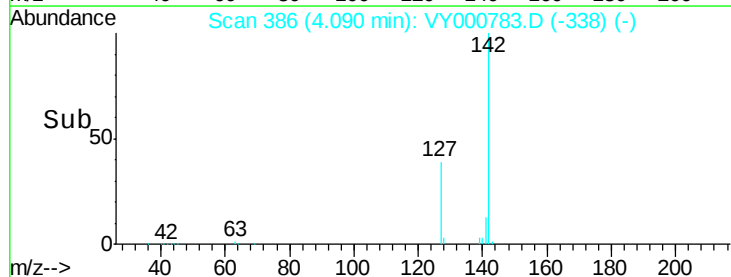
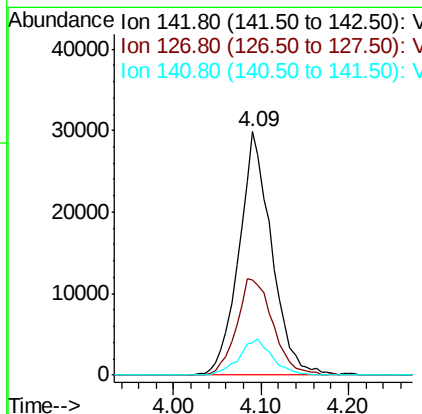
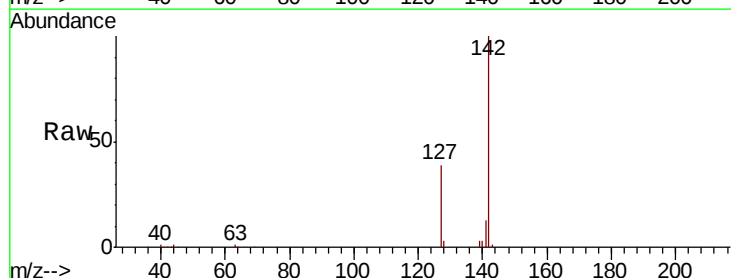
RT: 4.09 min Scan# 386

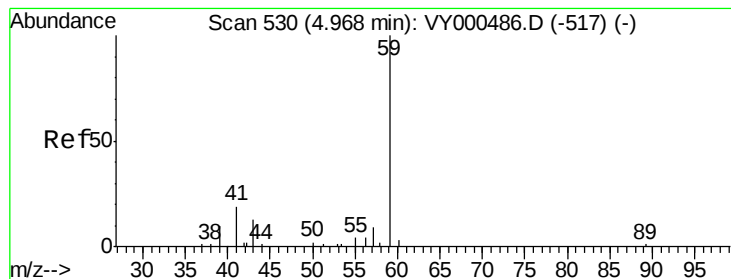
Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion:	142	Resp:	77483
Ion Ratio	Lower	Upper	
142	100		
127	44.1	33.7	50.5
141	15.0	10.9	16.3





#11

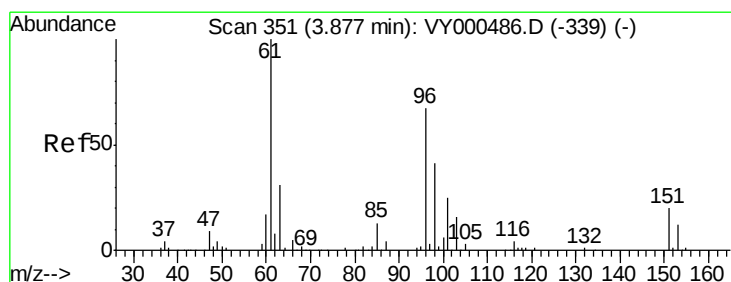
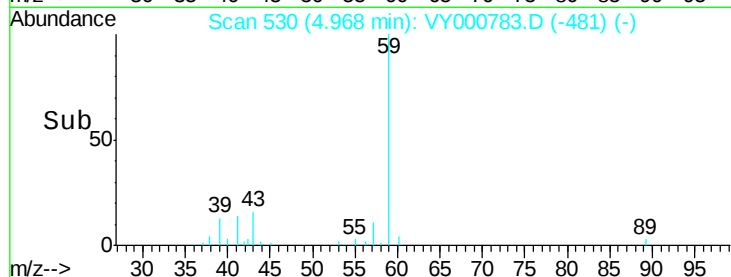
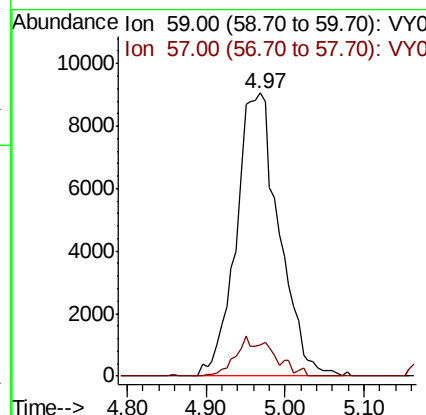
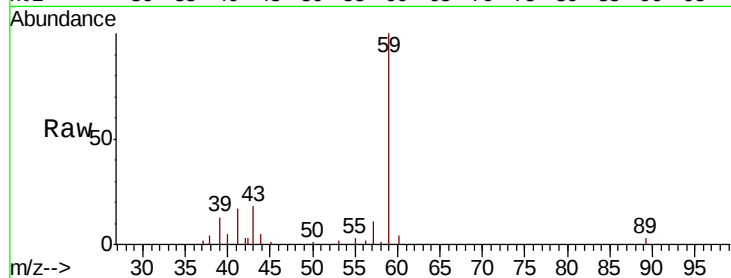
Tert butyl alcohol
Concen: 109.253 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.6	12.8#

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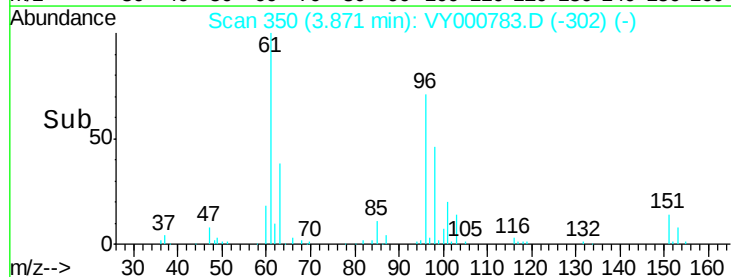
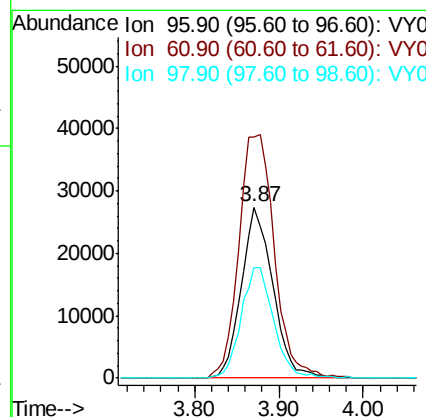
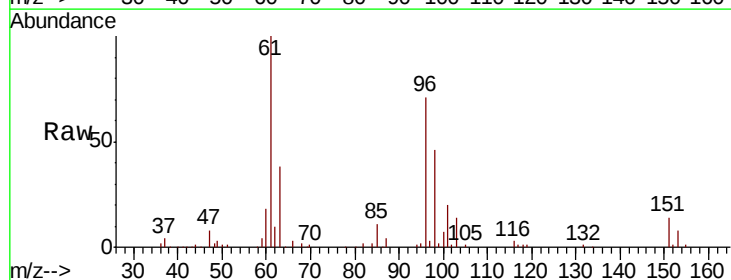
MMDadoda
11/26/2019 1:33:57 AM

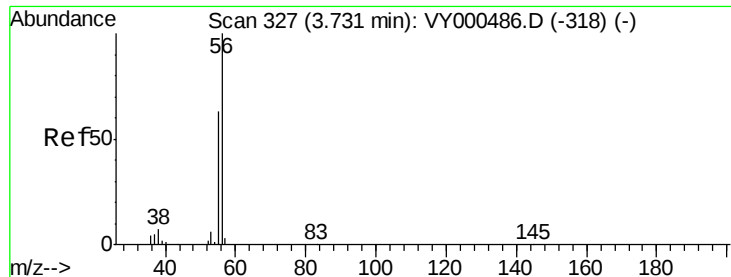


#12

1,1-Dichloroethene
Concen: 22.350 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.1	119.2	178.8
98	64.9	48.6	73.0





#13

Acrolein

Concen: 82.819 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 56 Resp: 22598

Ion Ratio Lower Upper

56 100

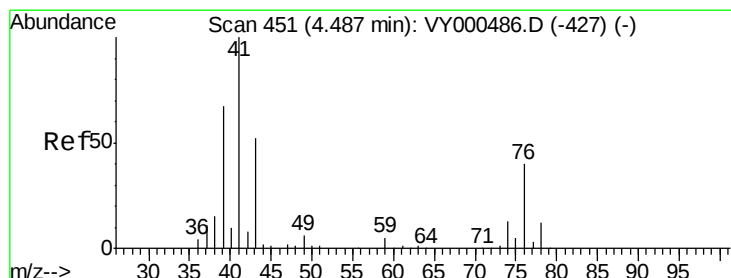
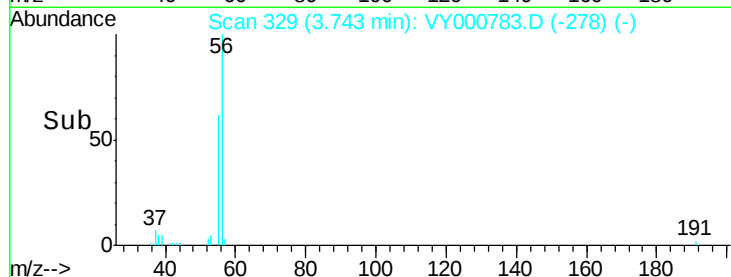
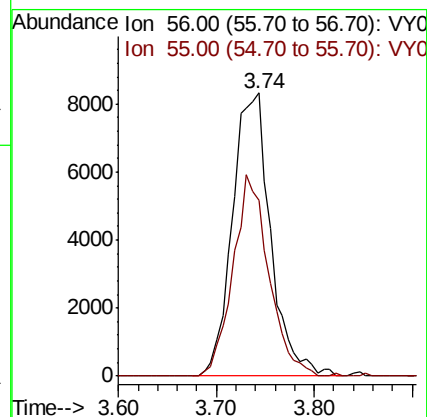
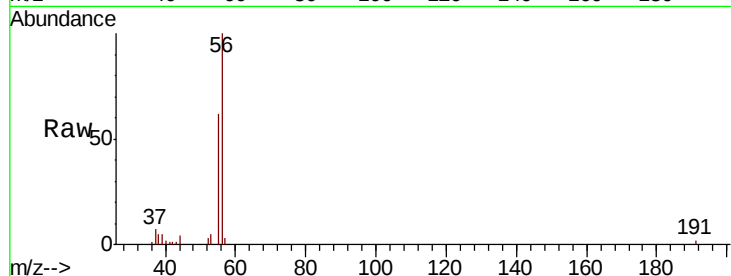
55 66.5 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 24.698 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

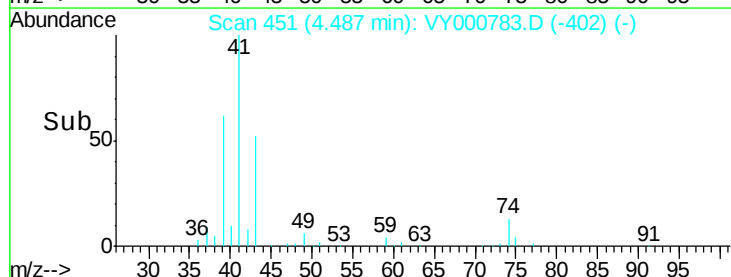
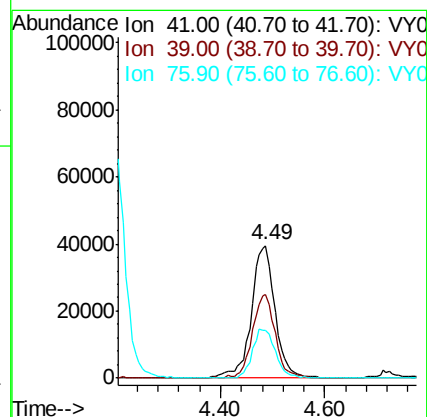
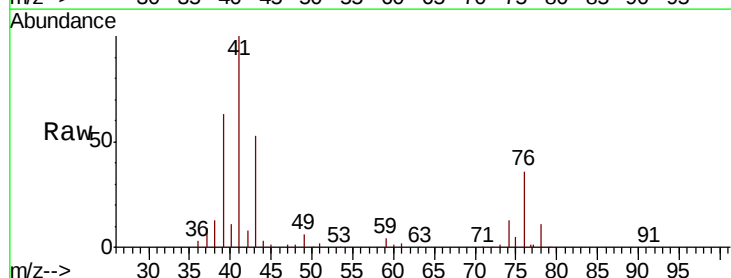
Tgt Ion: 41 Resp: 124744

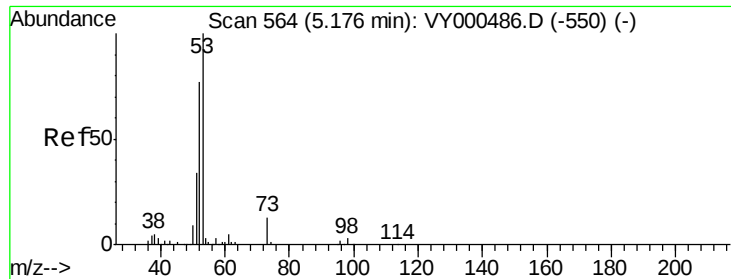
Ion Ratio Lower Upper

41 100

39 59.0 53.6 80.4

76 35.7 29.8 44.6





#15

Acrylonitrile

Concen: 122.823 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

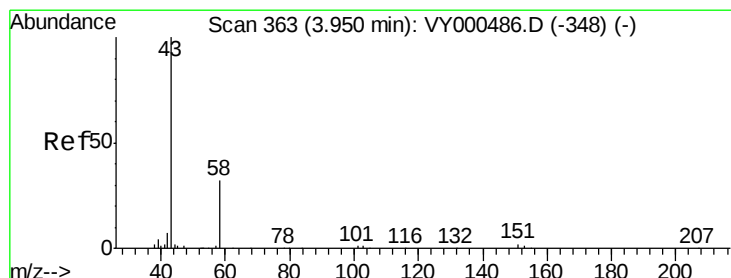
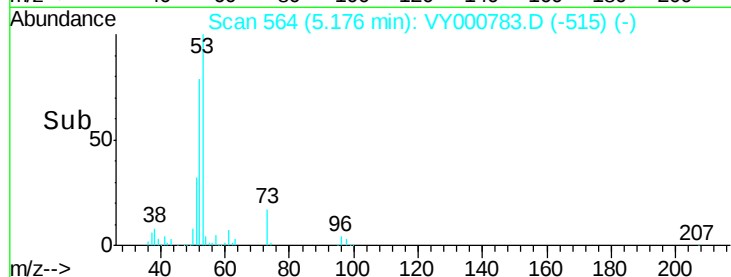
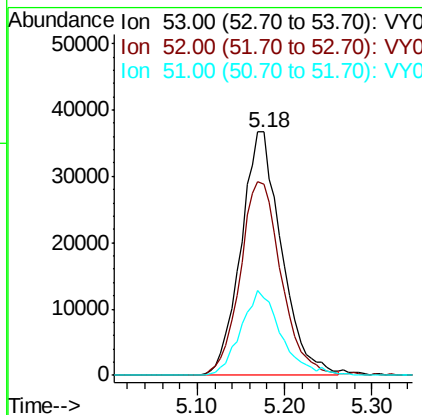
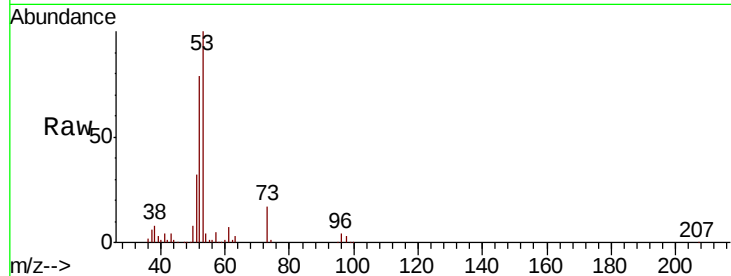
ClientSampleId :

VY1122SBS01

Tot Ion:	53	Resp:	118226
Ion	Ratio	Lower	Upper
53	100		
52	80.6	64.9	97.3
51	34.8	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 97.074 ug/l

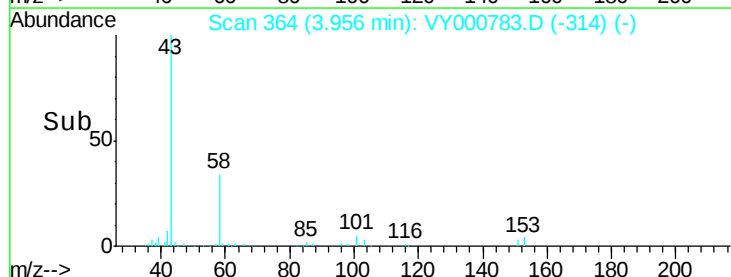
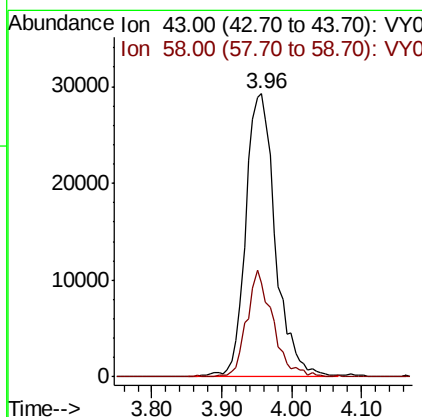
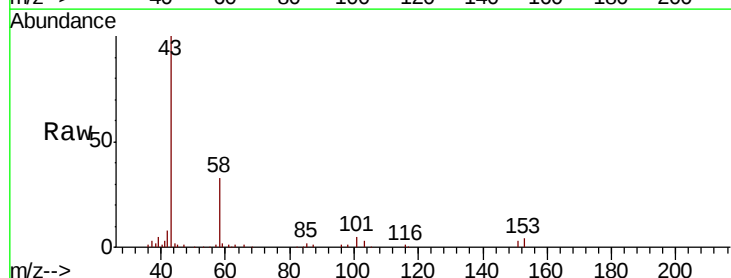
RT: 3.96 min Scan# 364

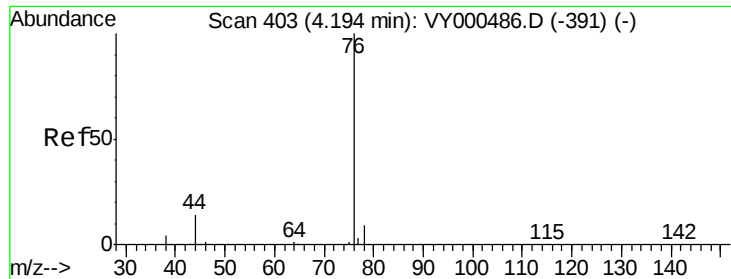
Delta R.T. 0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion:	43	Resp:	86097
Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.8	38.6





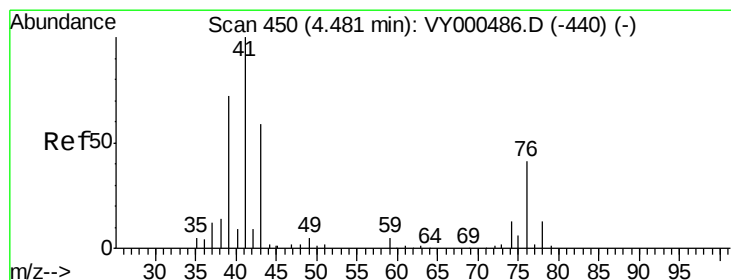
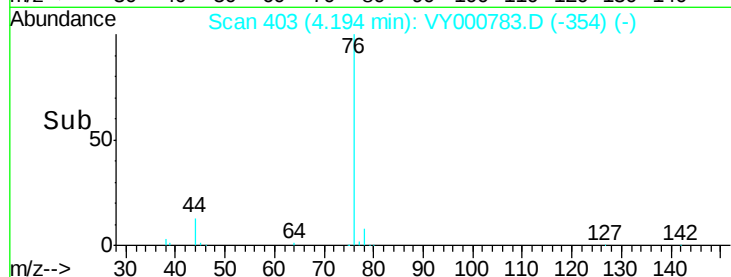
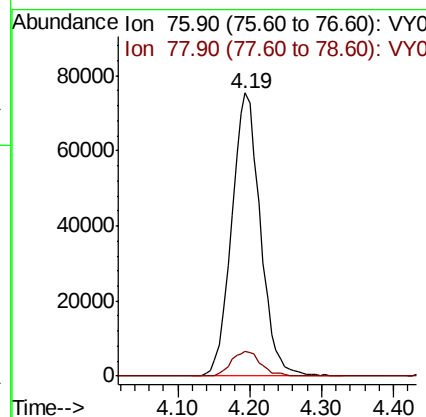
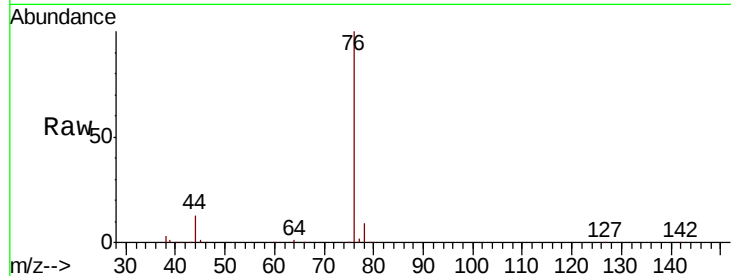
#17
Carbon Disulfide
Concen: 21.317 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

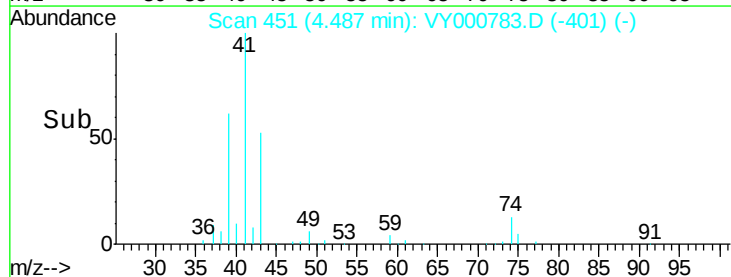
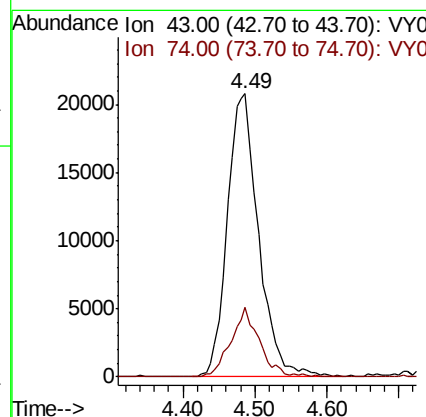
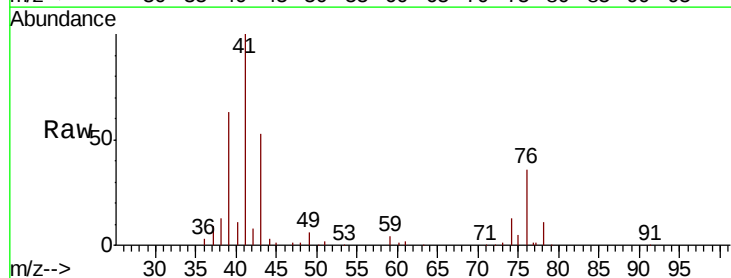
Manual Integrations
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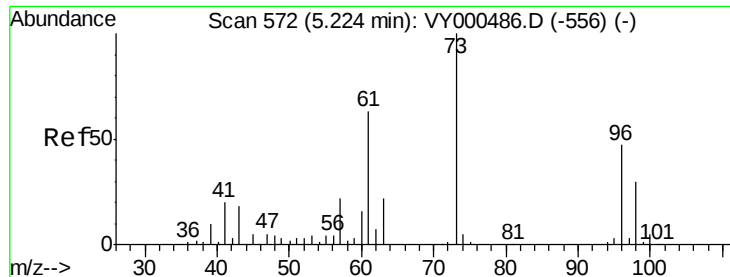
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#18
Methyl Acetate
Concen: 22.747 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.2	28.8





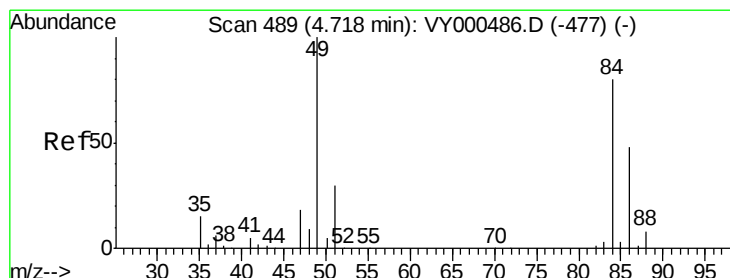
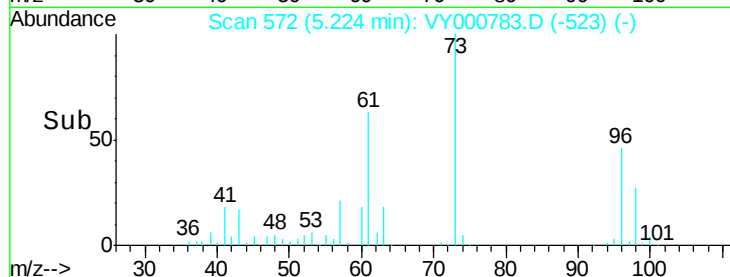
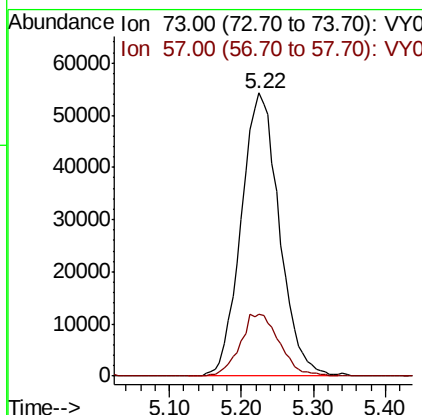
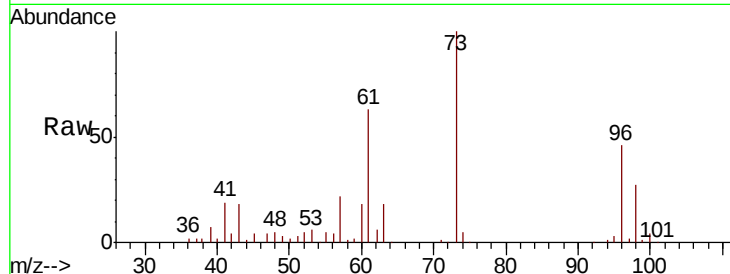
#19
Methvl tert-butvl Ether
Concen: 23.120 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 73 Resp: 199670
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

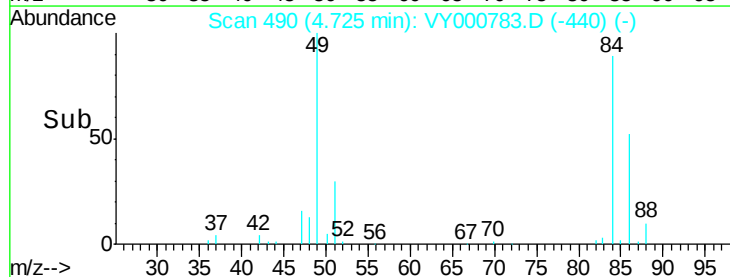
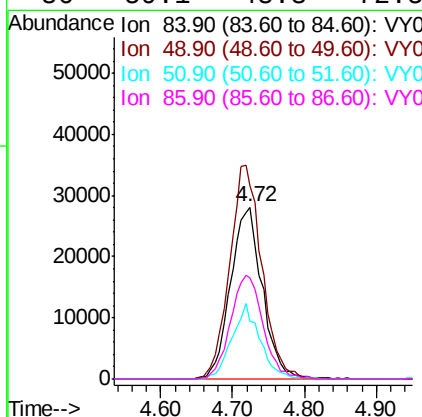
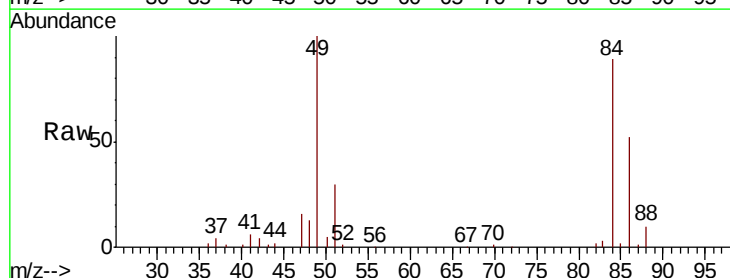
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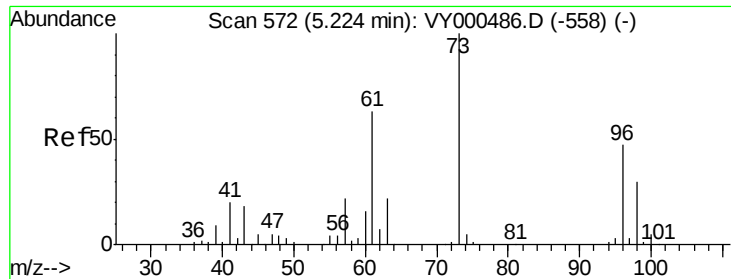
MMDadoda
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#20
Methylene Chloride
Concen: 22.584 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 84 Resp: 85827
Ion Ratio Lower Upper
84 100
49 112.8 100.2 150.4
51 33.8 29.6 44.4
86 59.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 23.399 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 96 Resp: 82166

Ion Ratio Lower Upper

96 100

61 131.2 106.6 160.0

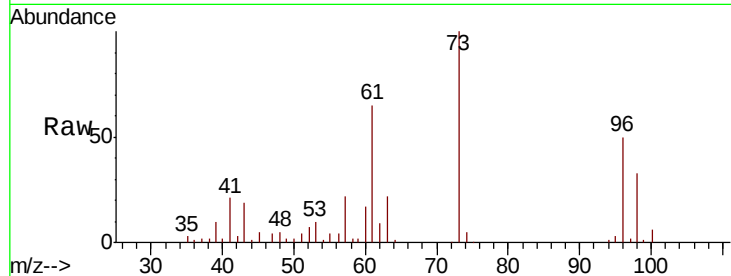
98 66.8 50.6 76.0

Manual Integrations

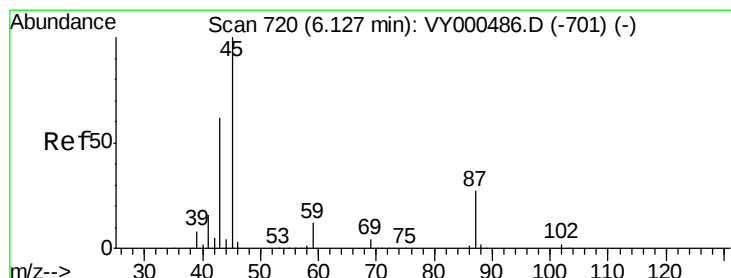
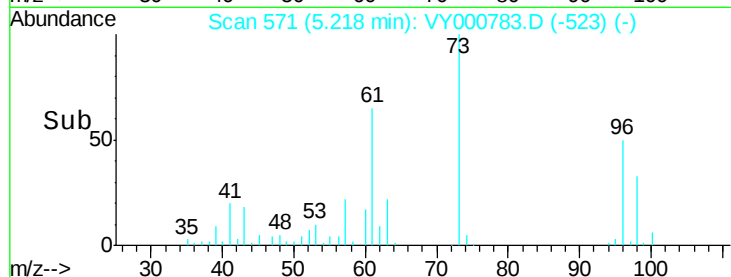
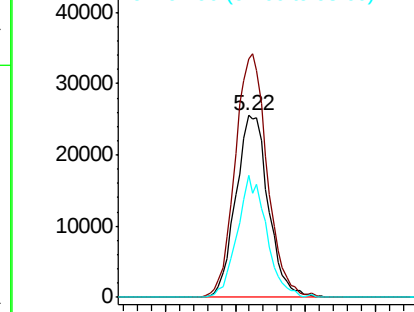
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 24.004 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion: 45 Resp: 263516

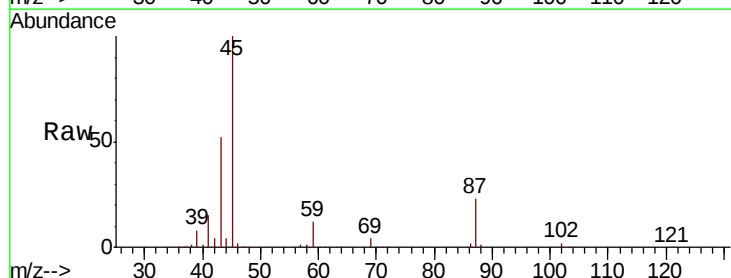
Ion Ratio Lower Upper

45 100

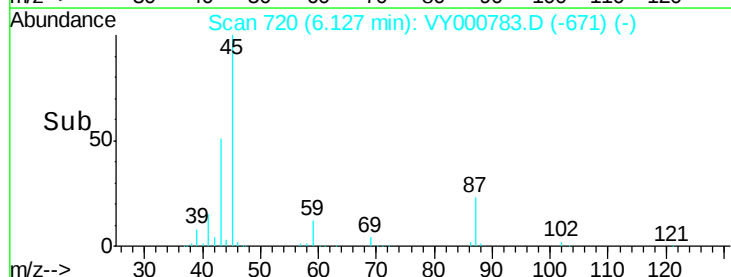
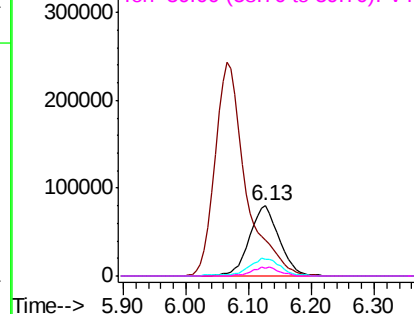
43 51.0 50.0 75.0

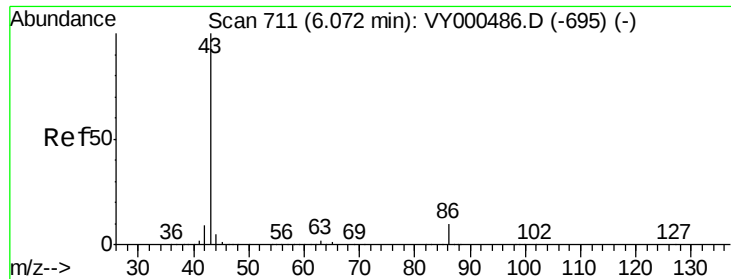
87 23.2 21.6 32.4

59 11.6 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 118.395 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 43 Resp: 820469

Ion Ratio Lower Upper

43 100

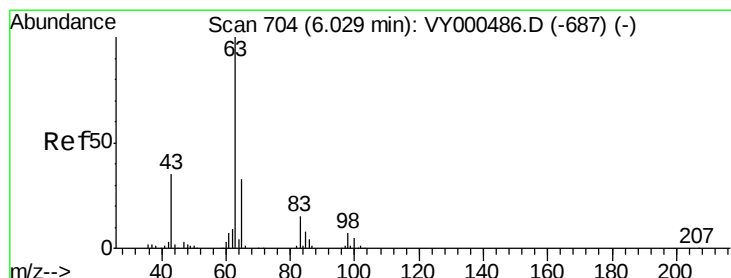
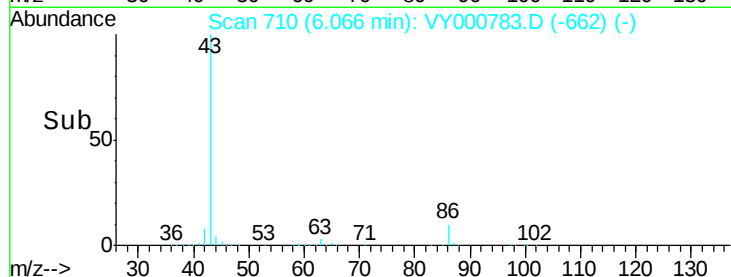
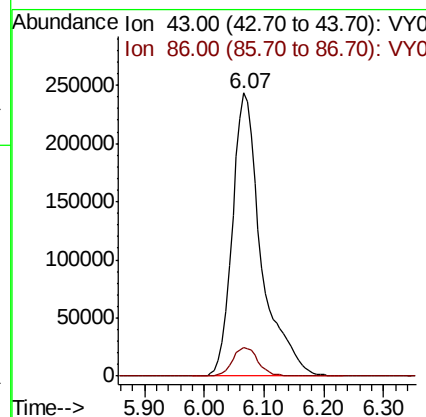
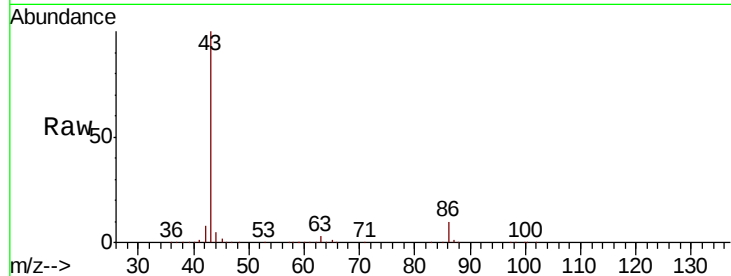
86 10.1 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 23.761 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

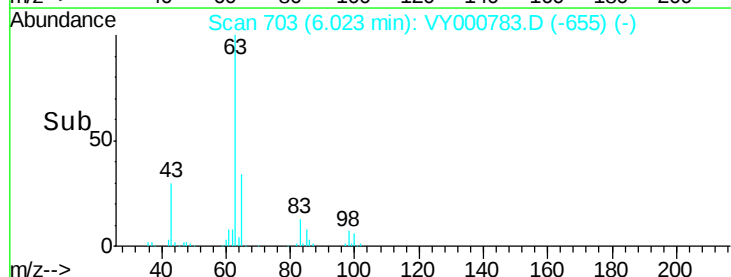
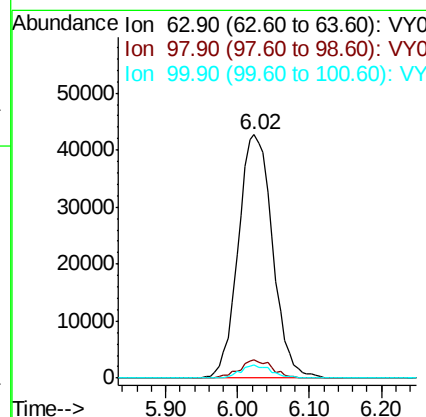
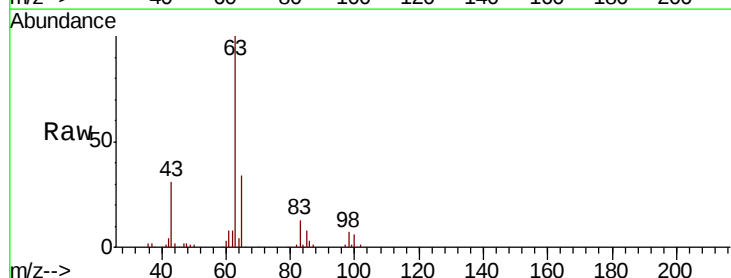
Tgt Ion: 63 Resp: 141312

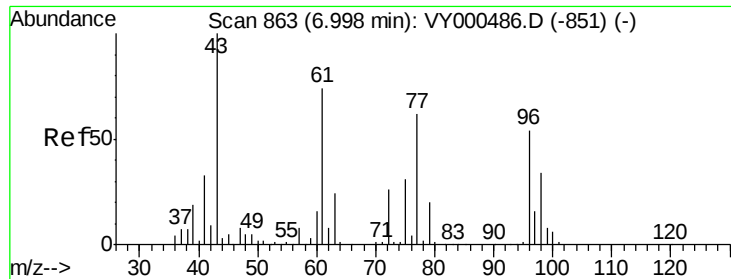
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

100 5.5 2.4 7.1





#25

2-Butanone

Concen: 109.857 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 43 Resp: 155500

Ion Ratio Lower Upper

43 100

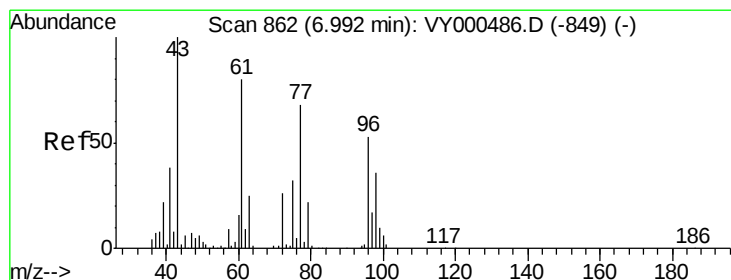
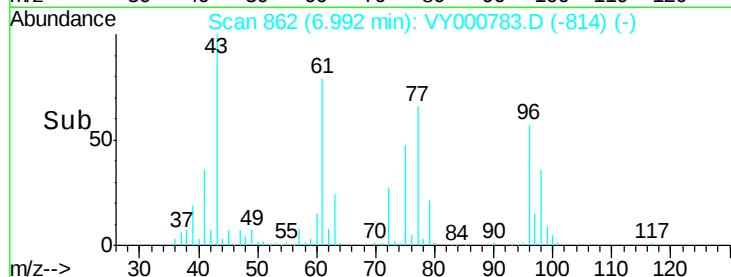
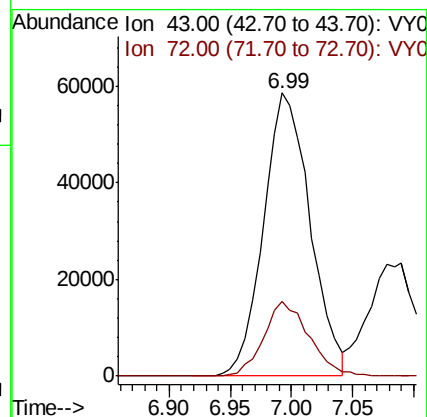
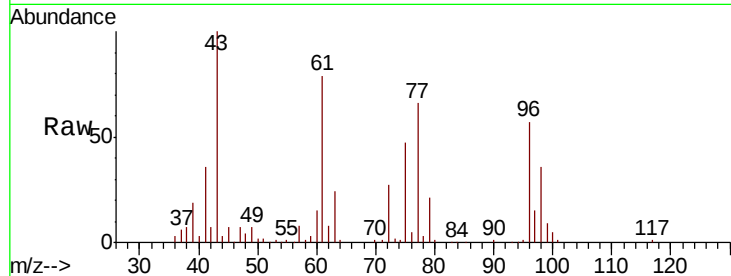
72 26.6 20.9 31.3

Manual Integrations

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11/26/2019 1:33:57 AM



#26

2,2-Dichloropropane

Concen: 22.099 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000783.D

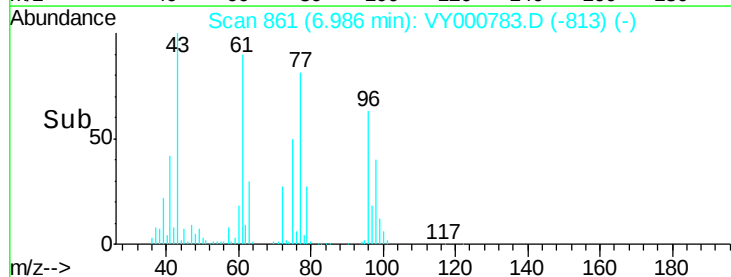
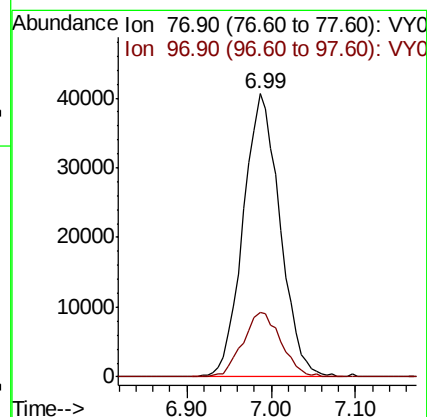
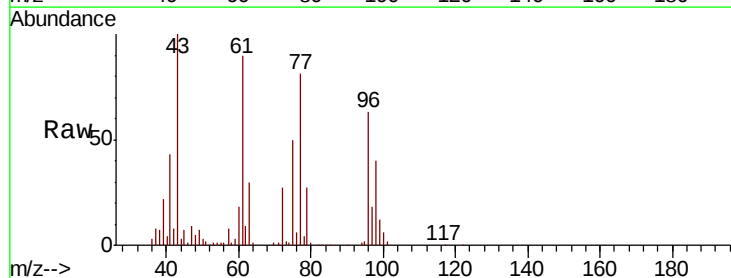
Acq: 22 Nov 2019 11:22

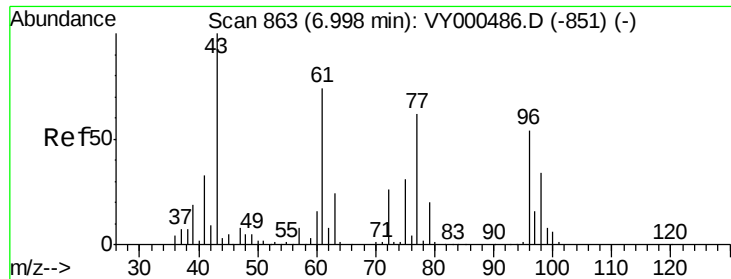
Tgt Ion: 77 Resp: 120108

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

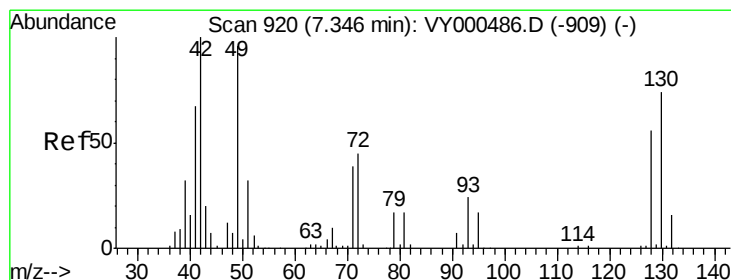
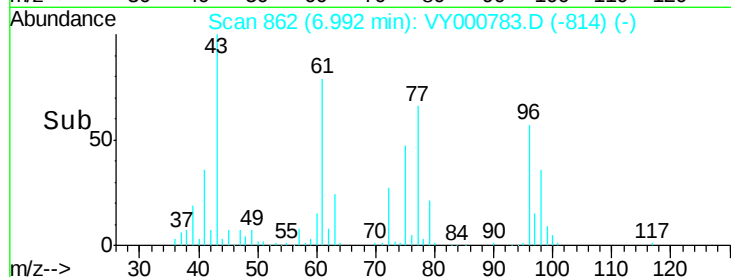
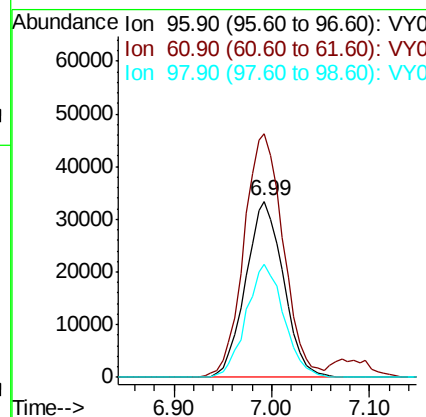
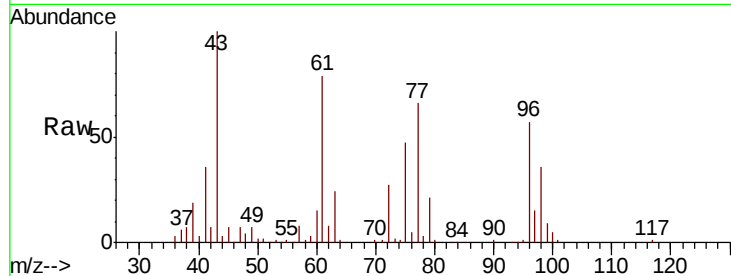
cis-1,2-Dichloroethene
Concen: 23.481 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	287.0
98	64.0	0.0	129.4

Manual Integrations
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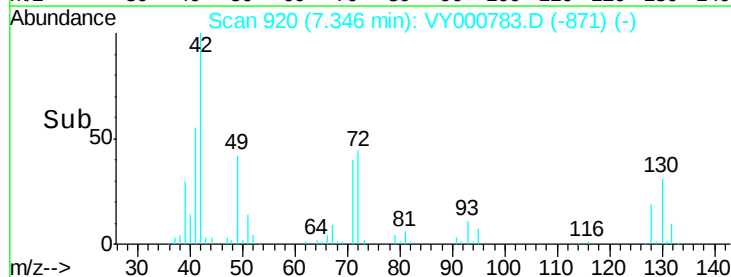
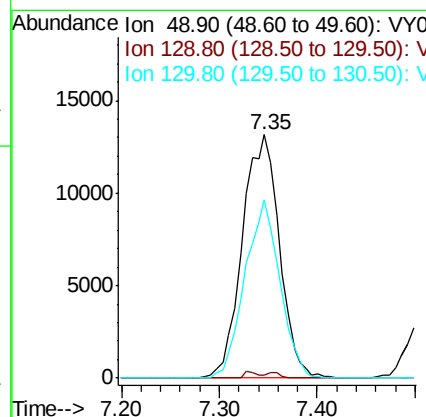
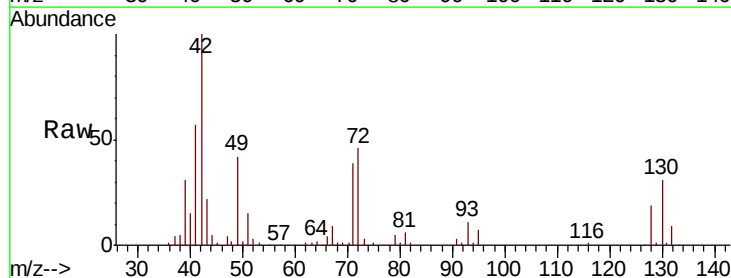
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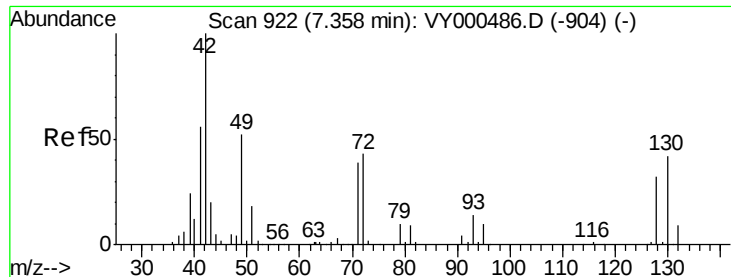


#28

Bromochloromethane
Concen: 15.788 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.6
130	69.1	59.4	89.0





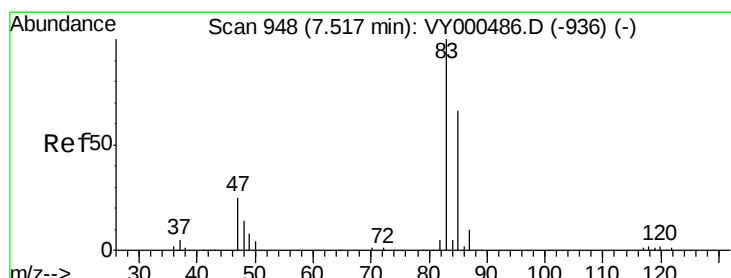
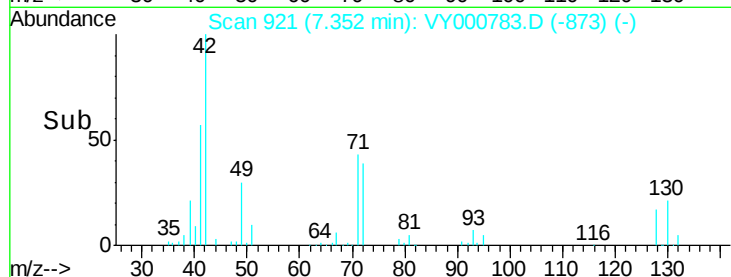
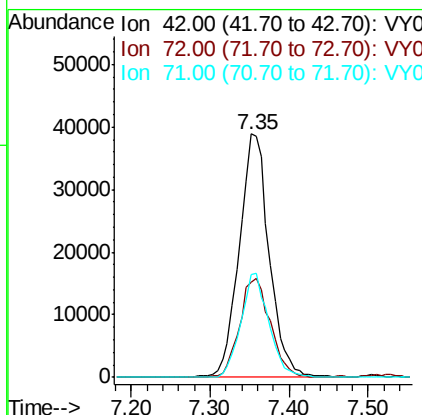
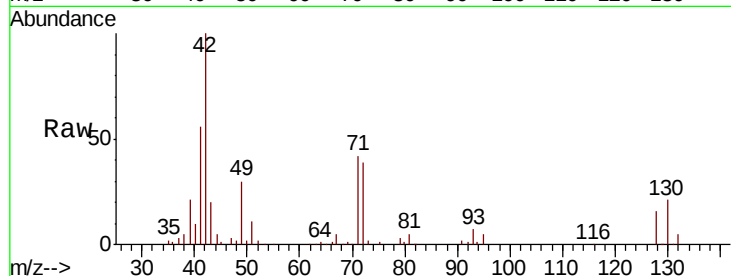
#29
Tetrahydrofuran
Concen: 118.761 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.0	51.0
71	39.8	30.8	46.2

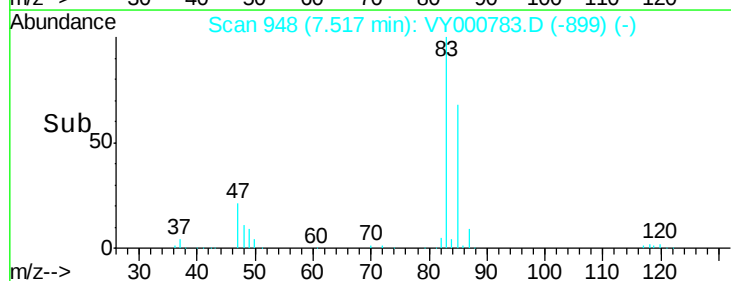
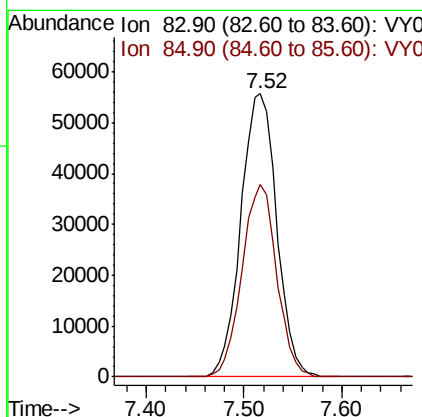
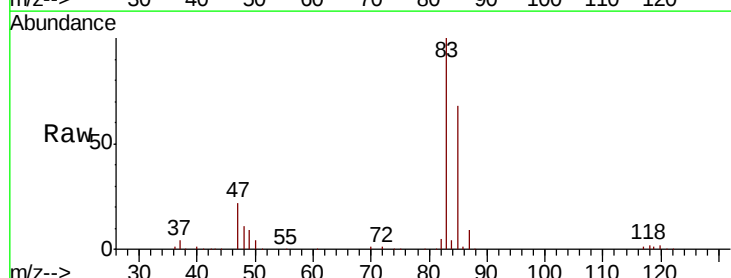
Manual Integrations
APPROVED

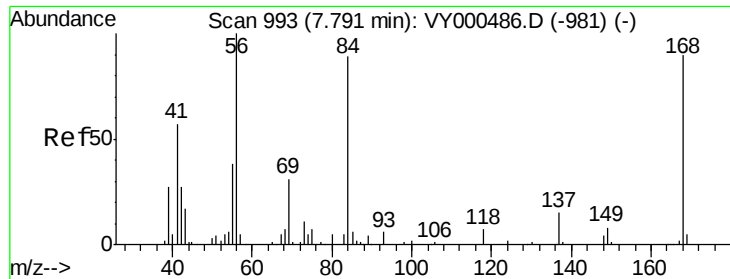
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#30
Chloroform
Concen: 23.604 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.1	53.0	79.4





#31

Cyclohexane

Concen: 22.851 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 56 Resp: 142338

Ion Ratio Lower Upper

56 100

69 35.2 25.0 37.6

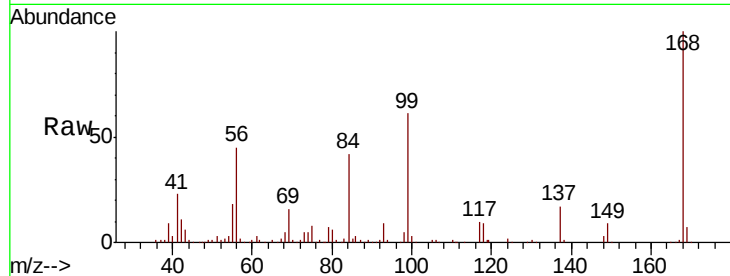
84 93.2 71.4 107.2

Manual Integrations

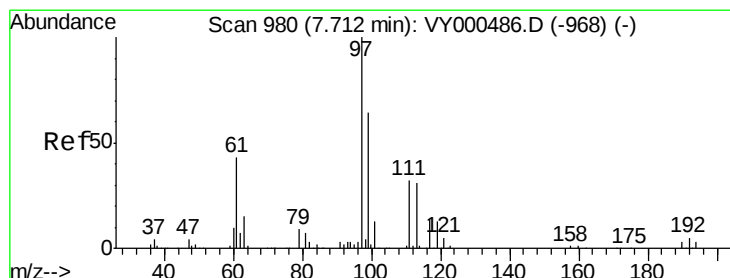
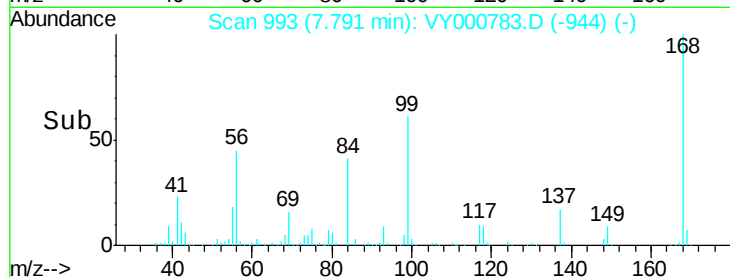
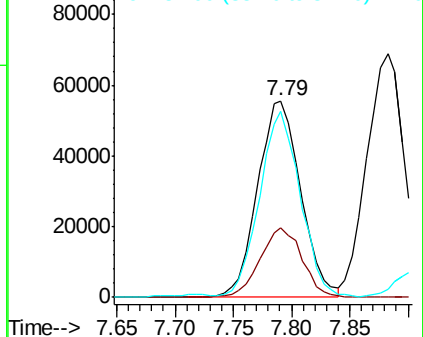
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.981 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

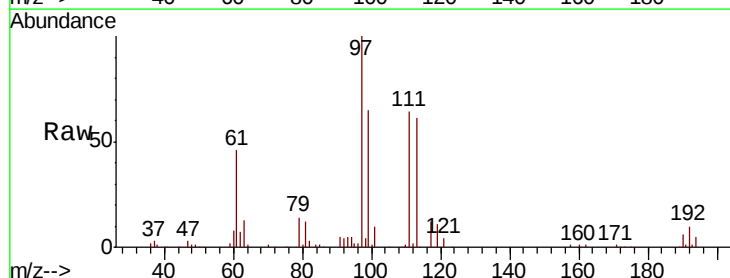
Tgt Ion: 97 Resp: 117860

Ion Ratio Lower Upper

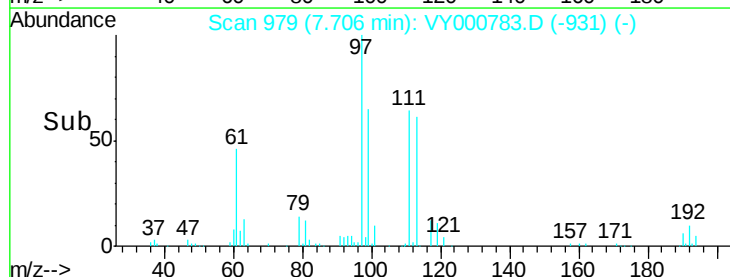
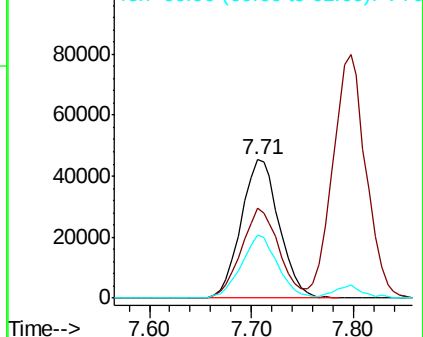
97 100

99 64.7 50.9 76.3

61 43.2 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 51.966 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 65 Resp: 167227

Ion Ratio Lower Upper

65 100

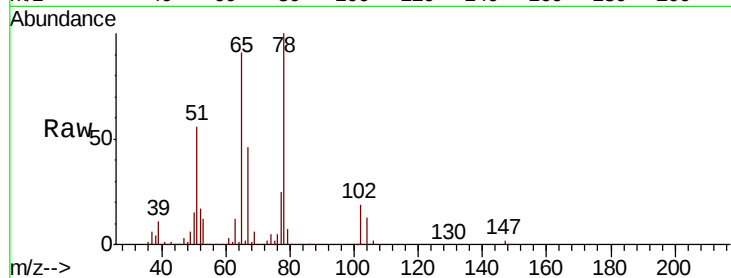
67 54.9 0.0 107.2

Manual Integrations

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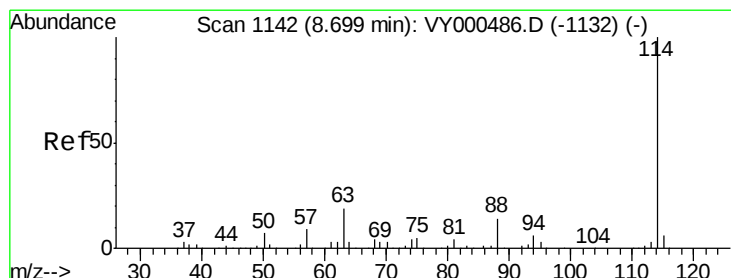
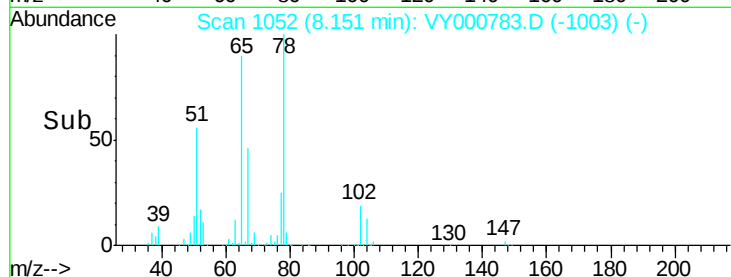
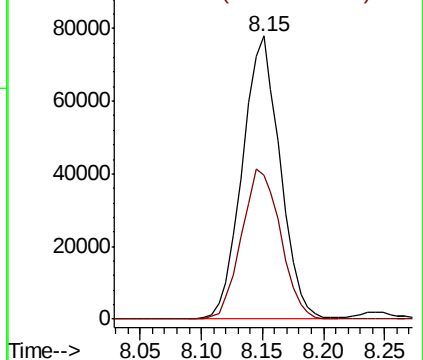
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

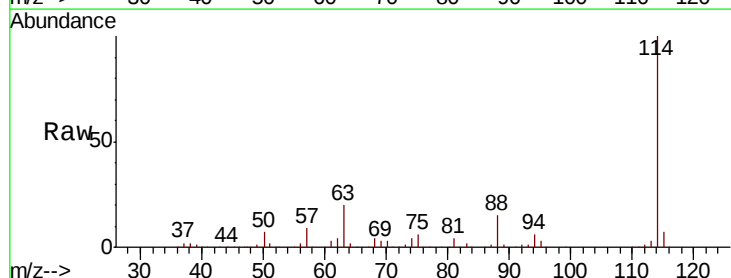
Tgt Ion: 114 Resp: 538729

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

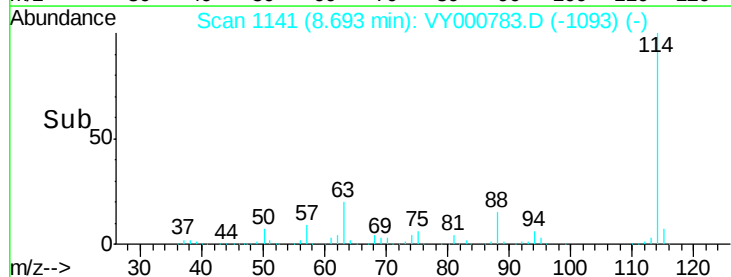
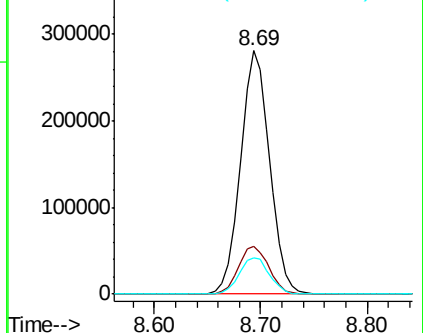
88 15.1 0.0 28.6

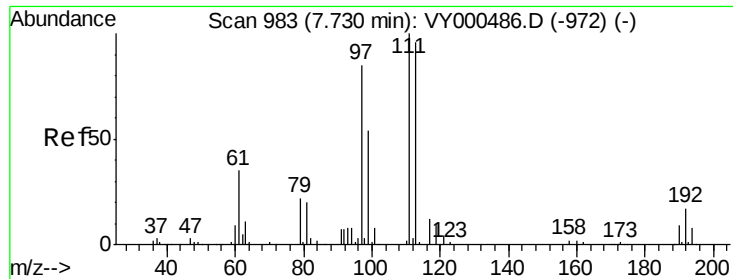


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





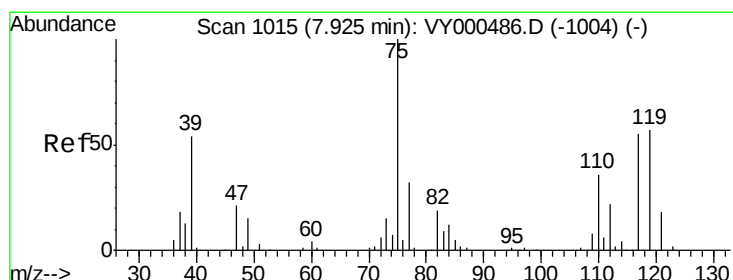
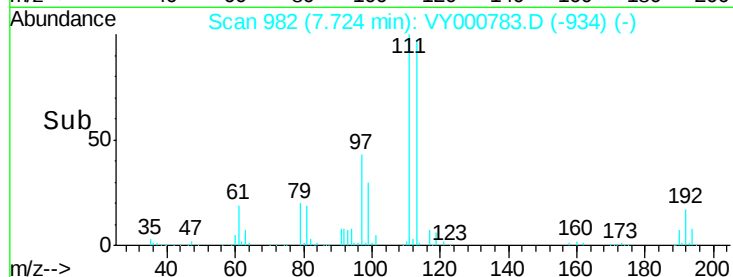
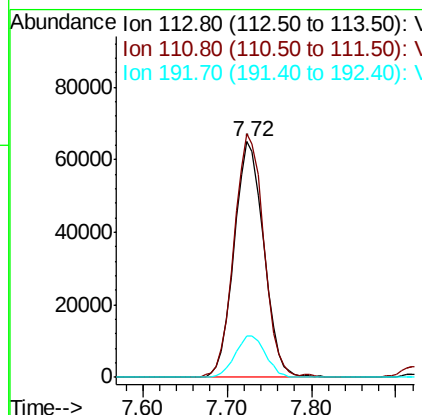
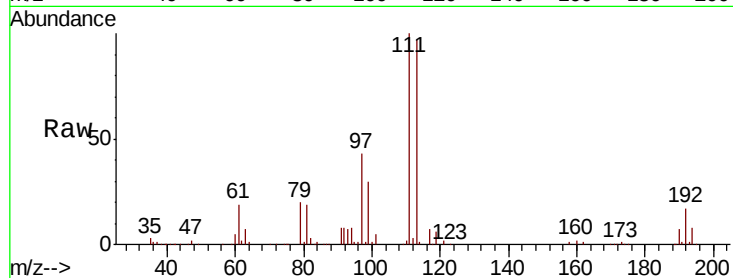
#35
Dibromofluoromethane
Concen: 48.970 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	17.9	15.0	22.4

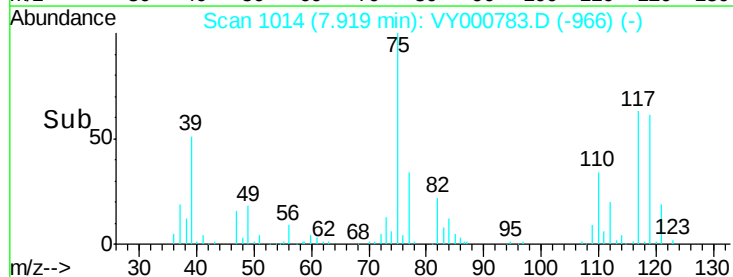
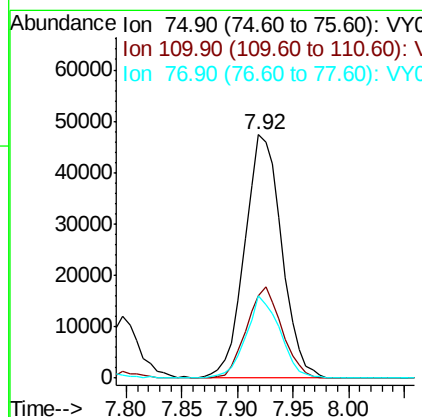
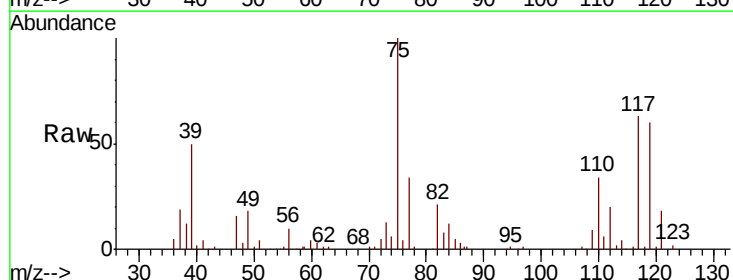
Manual Integrations
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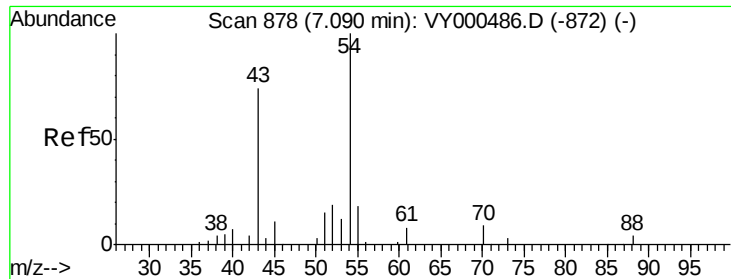
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#36
1,1-Dichloropropene
Concen: 21.511 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.1	54.1
77	31.2	25.0	37.6





#37

Ethyl Acetate

Concen: 22.232 ug/l

RT: 7.09 min Scan# 878

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

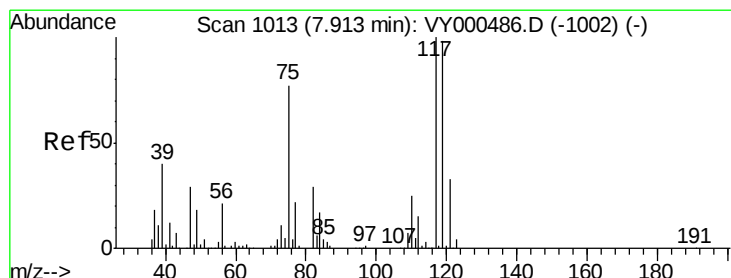
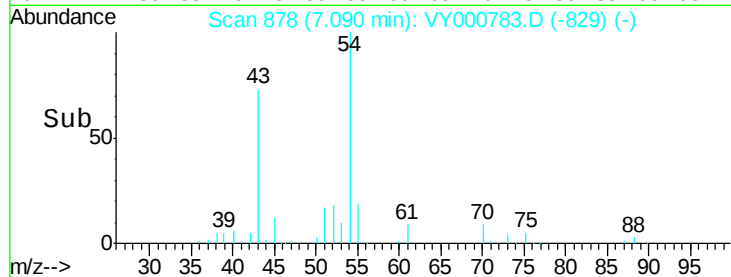
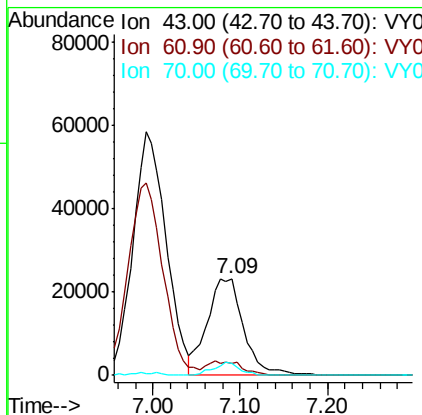
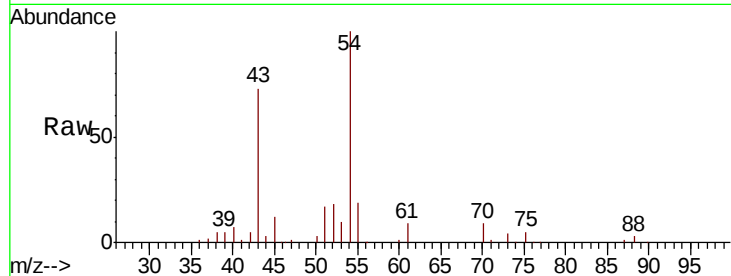
ClientSampleId :

VY1122SBS01

Tot Ion:	43	Resp:	67222
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.2	15.2
70	10.0	7.8	11.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.797 ug/l

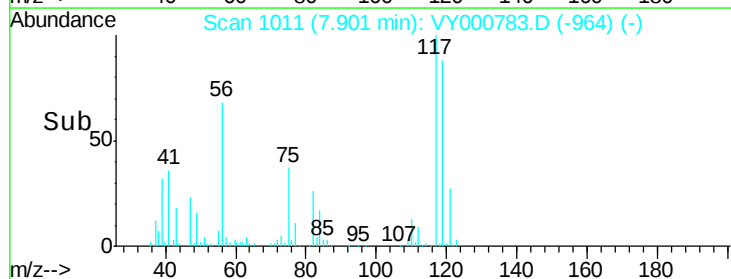
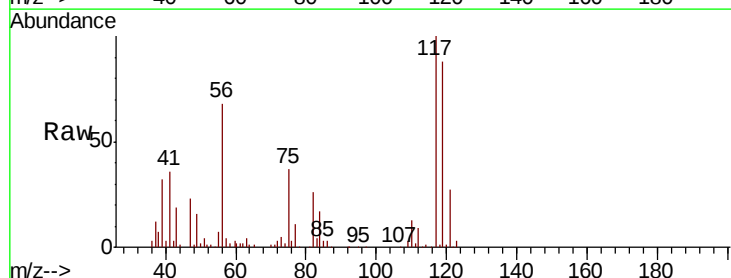
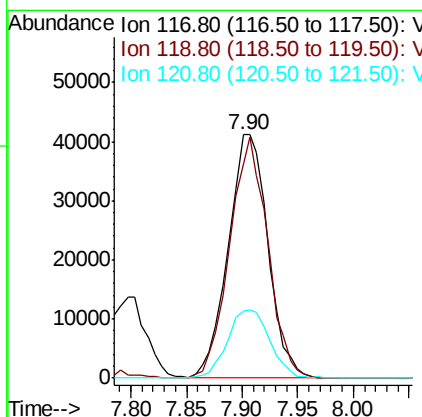
RT: 7.90 min Scan# 1011

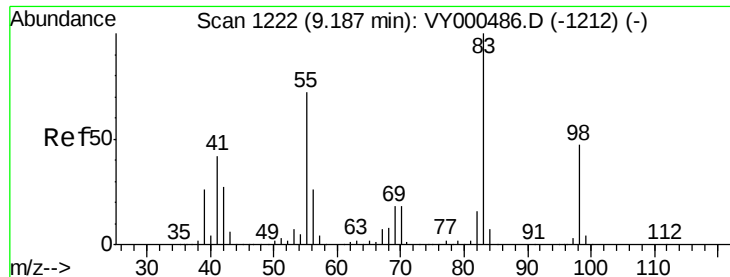
Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion:	117	Resp:	101914
Ion	Ratio	Lower	Upper
117	100		
119	88.2	78.0	117.0
121	27.5	26.6	40.0





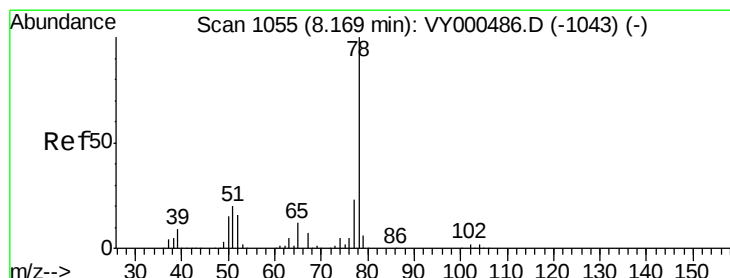
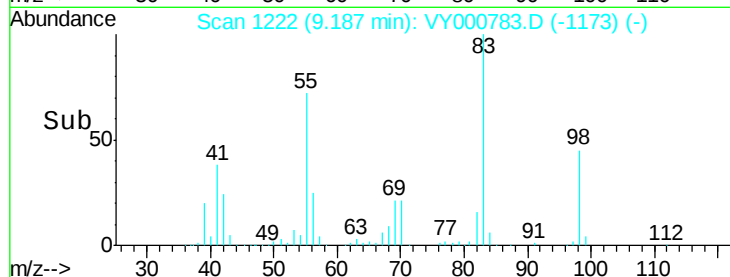
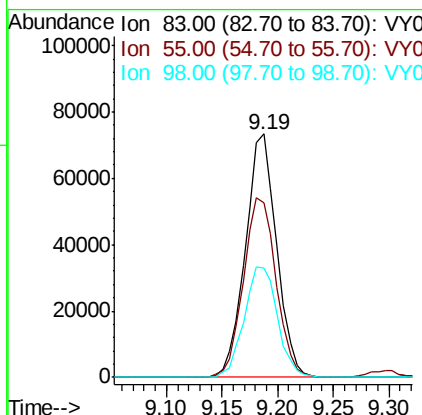
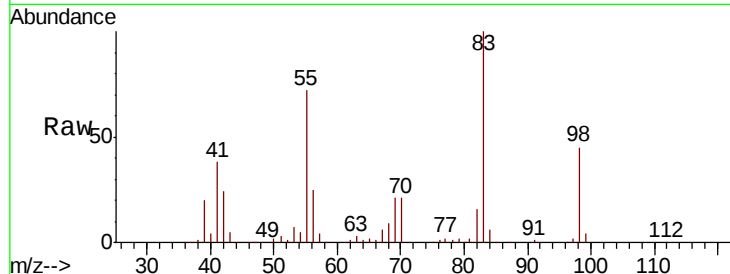
#39
Methvlcvclohexane
Concen: 21.724 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	57.5	86.3
98	45.0	38.0	57.0

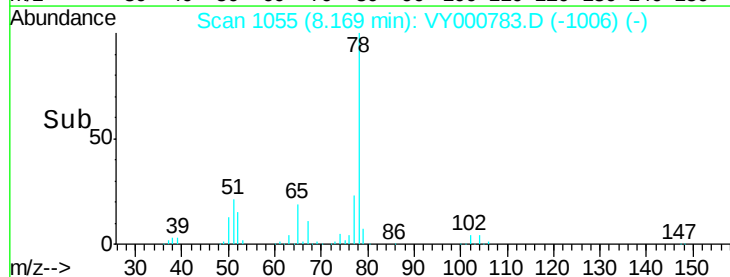
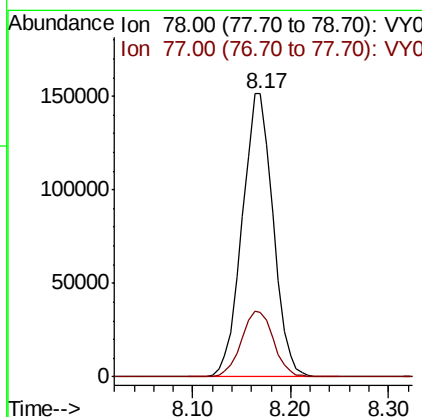
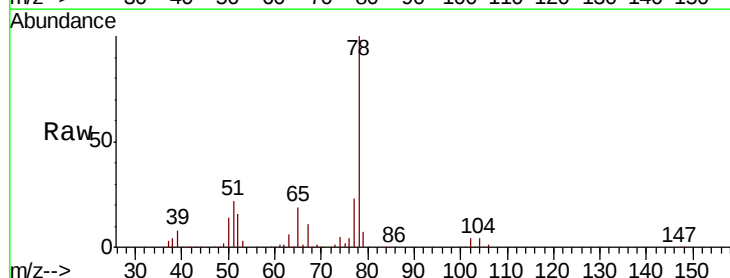
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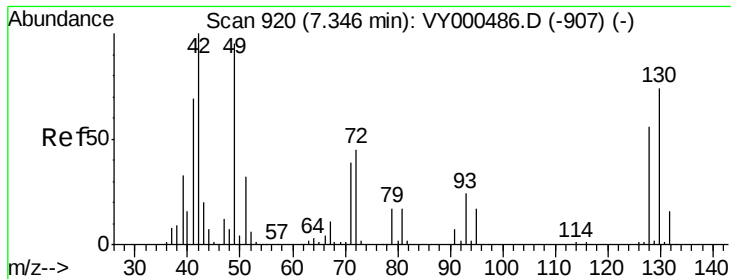
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#40
Benzene
Concen: 22.237 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	28.0





#41

Methacrylonitrile

Concen: 19.921 ug/l m

RT: 7.32 min Scan# 915

Delta R.T. -0.03 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 41 Resp: 33603

Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

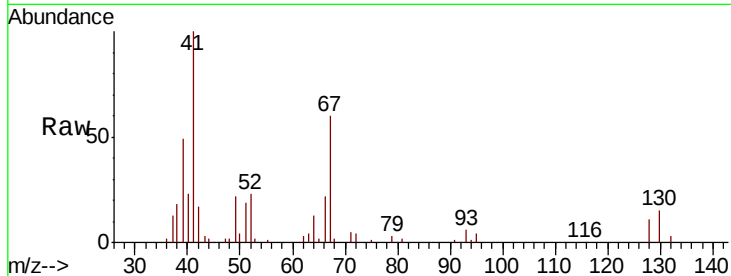
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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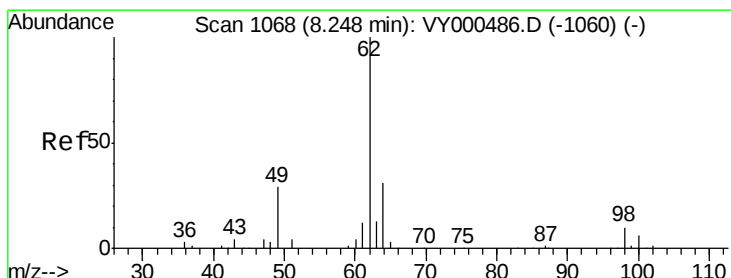
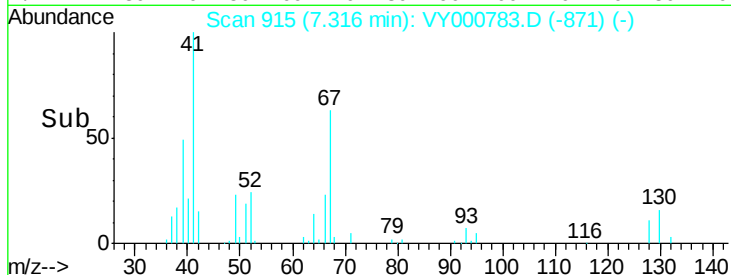
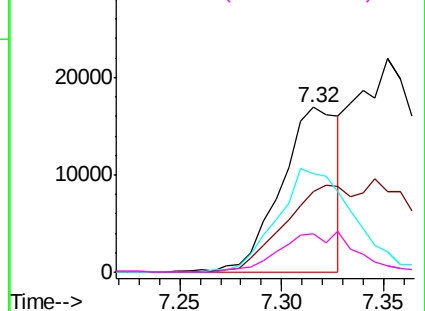


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.059 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000783.D

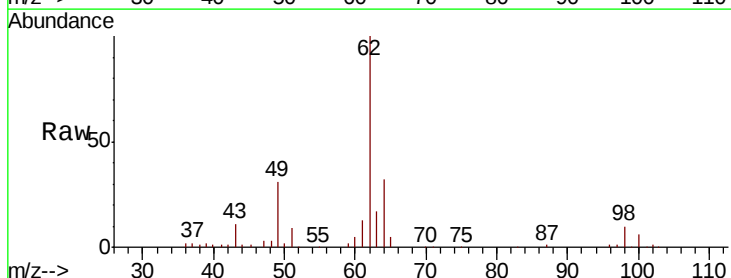
Acq: 22 Nov 2019 11:22

Tgt Ion: 62 Resp: 89180

Ion Ratio Lower Upper

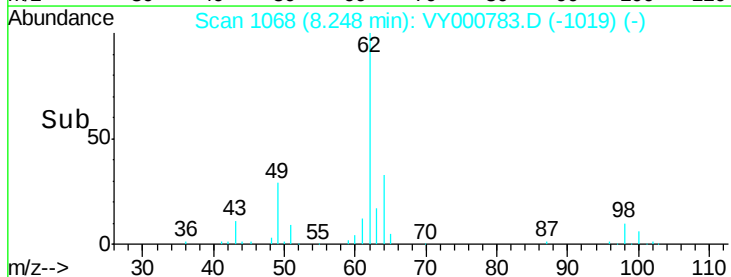
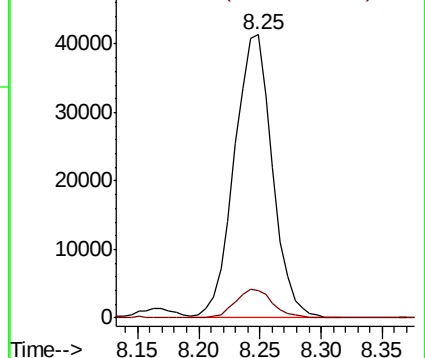
62 100

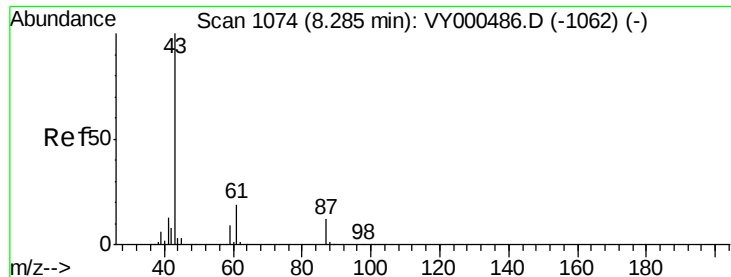
98 10.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

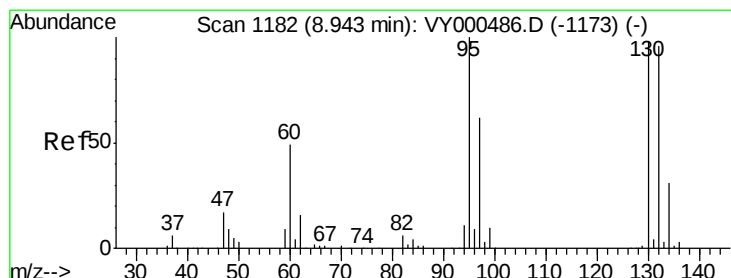
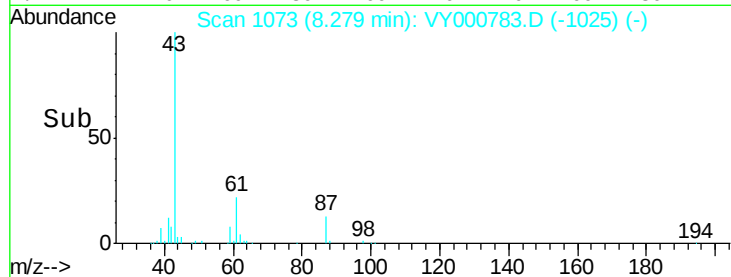
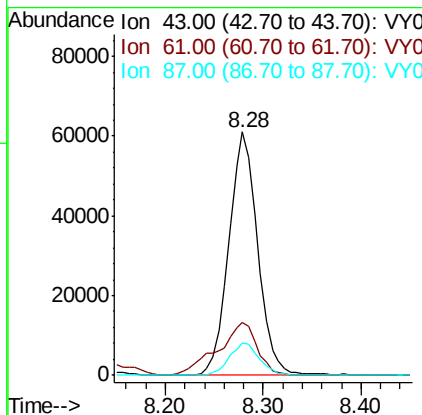
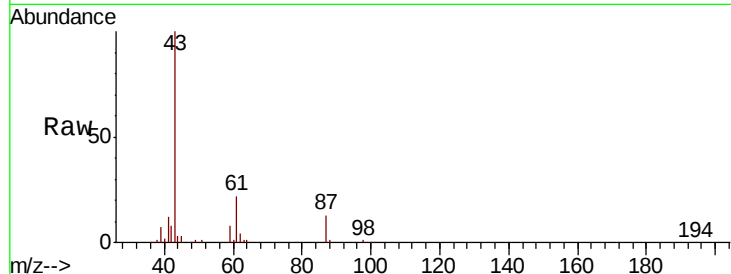
Isopropyl Acetate
 Concen: 21.986 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.0	34.4
87	13.6	10.5	15.7

Manual Integrations
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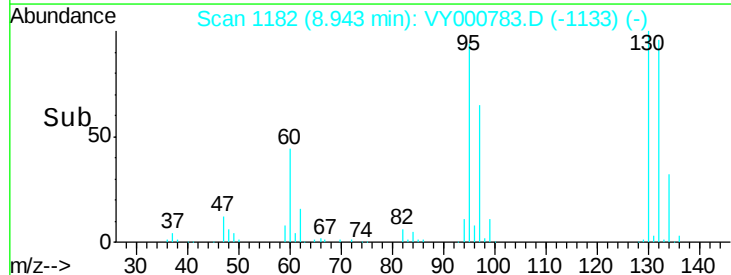
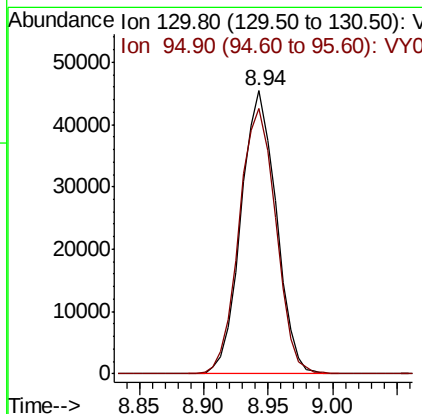
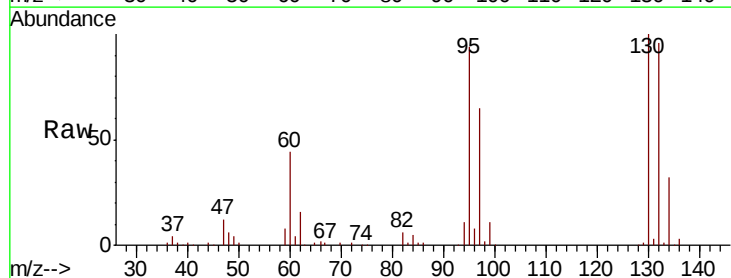
MMDadoda
 11/26/2019 1:33:57 AM

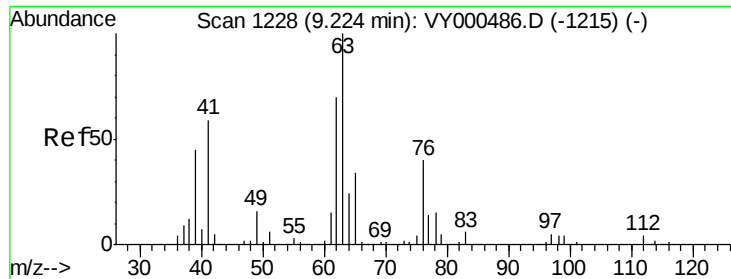


#44

Trichloroethene
 Concen: 21.789 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	203.2





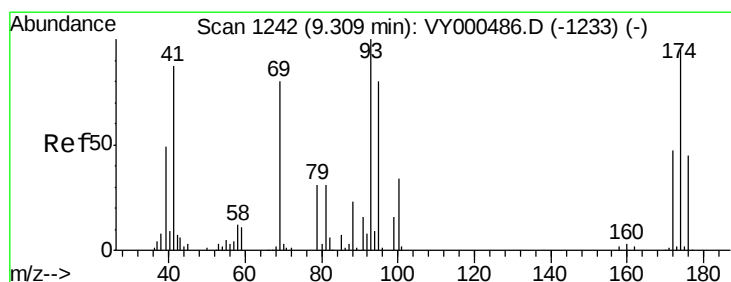
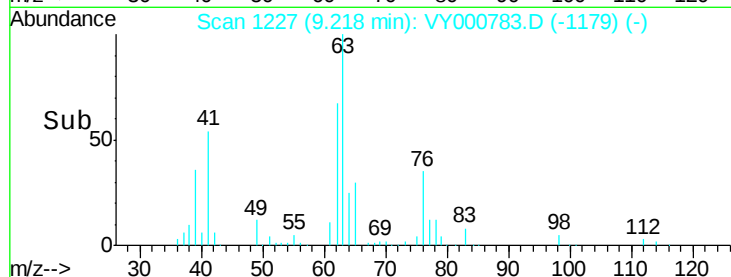
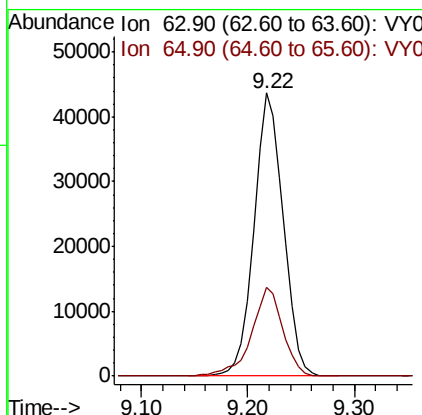
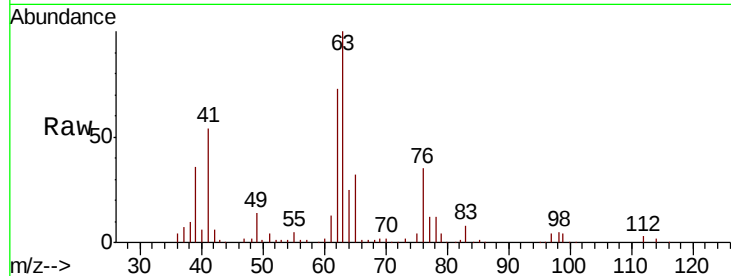
#45
 1,2-Dichloropropane
 Concen: 22.873 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion: 63 Resp: 84053
 Ion Ratio Lower Upper
 63 100
 65 31.6 27.0 40.4

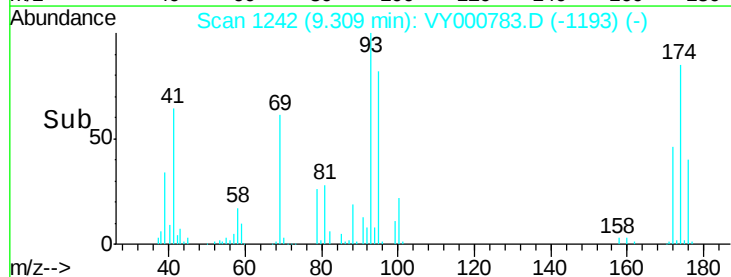
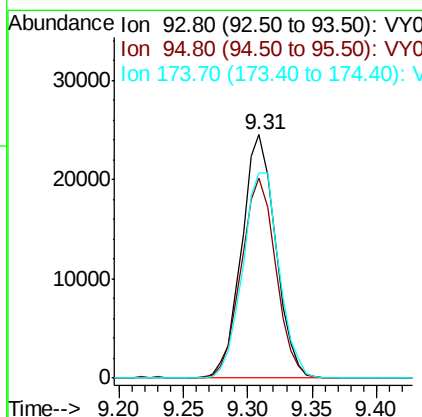
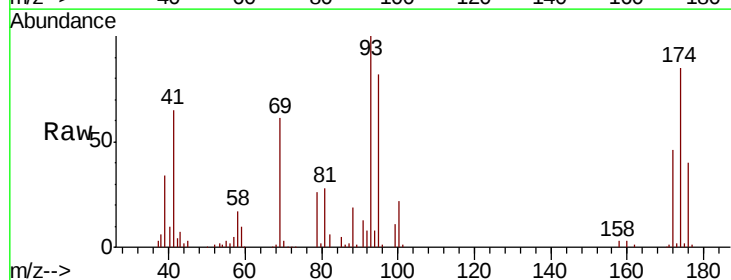
Manual Integrations
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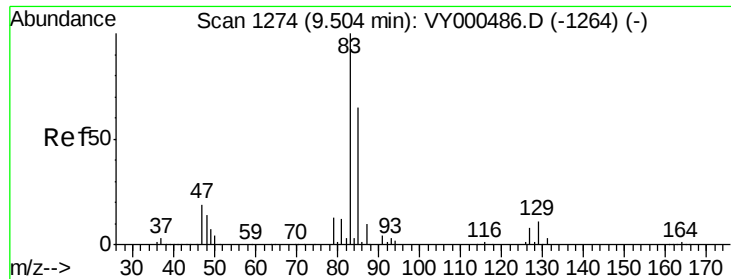
MMDadoda
 11/26/2019 1:33:57 AM



#46
 Dibromomethane
 Concen: 22.183 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion: 93 Resp: 44832
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 89.5 77.1 115.7





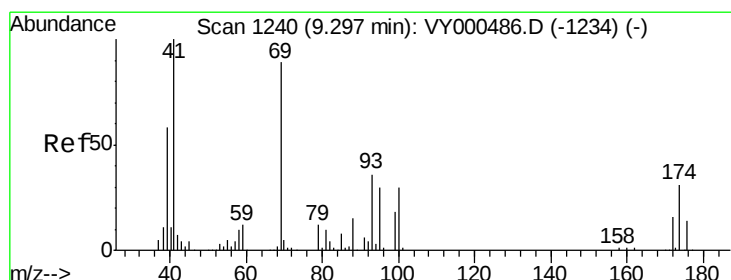
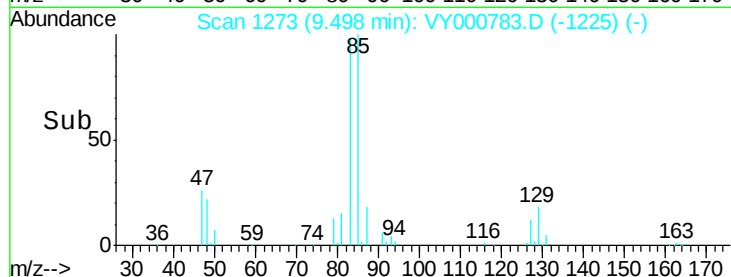
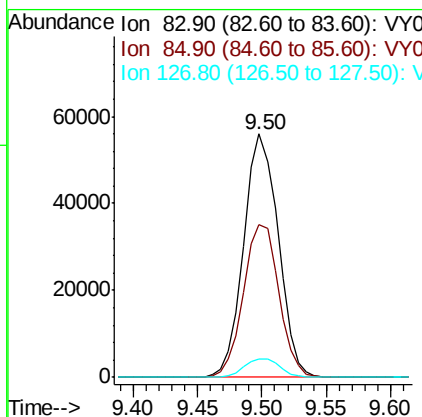
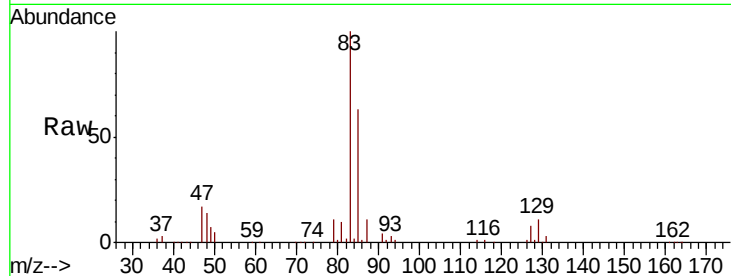
#47
Bromodichloromethane
Concen: 21.662 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.9	51.8	77.8	
127	7.6	6.7	10.1	

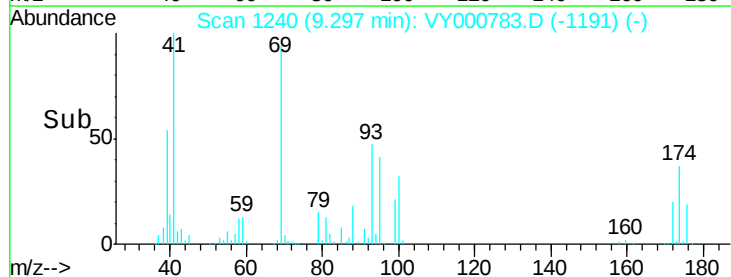
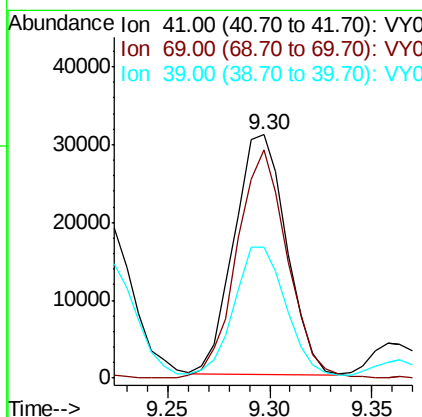
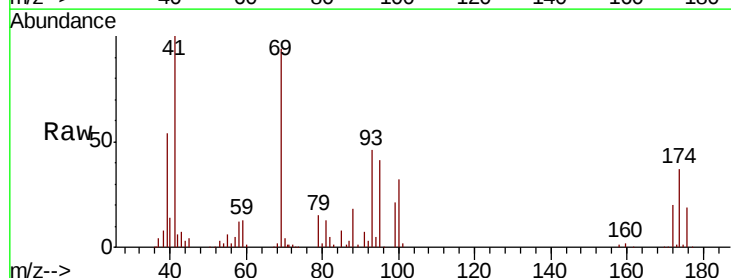
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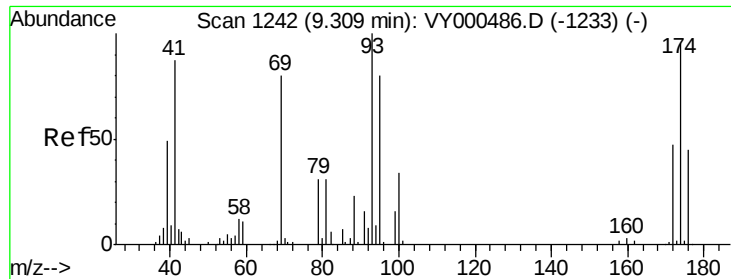
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#48
Methyl methacrylate
Concen: 22.129 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	92.1	72.5	108.7	
39	55.8	47.8	71.8	





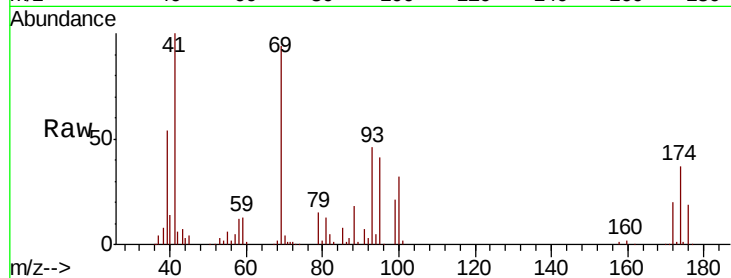
#49
1,4-Dioxane
Concen: 471.105 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

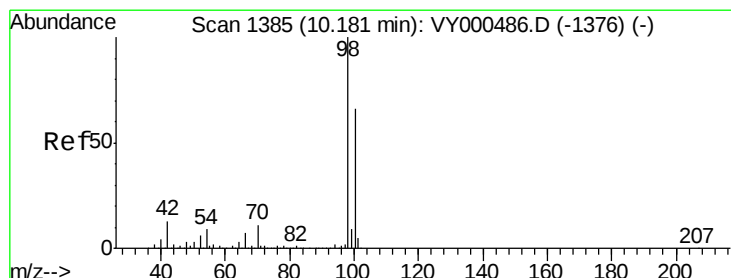
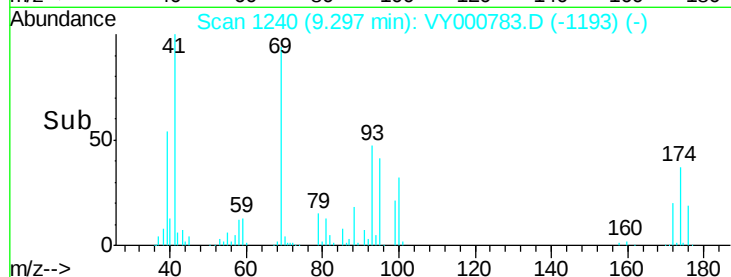
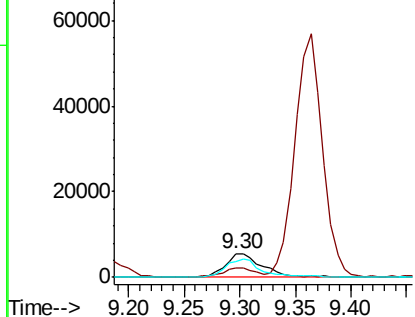
Tot Ion	88	Resp	12814
Ion Ratio	Lower	Upper	
88	100		
43	33.2	25.1	37.7
58	72.4	50.6	75.8

Manual Integrations
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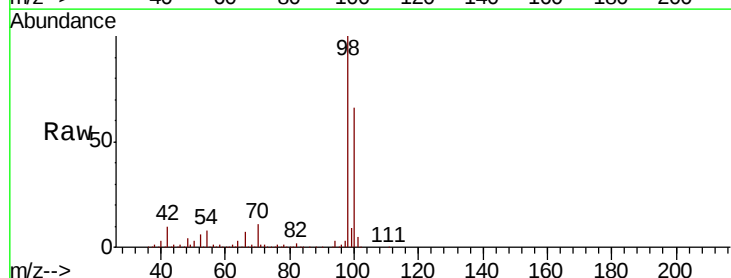


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

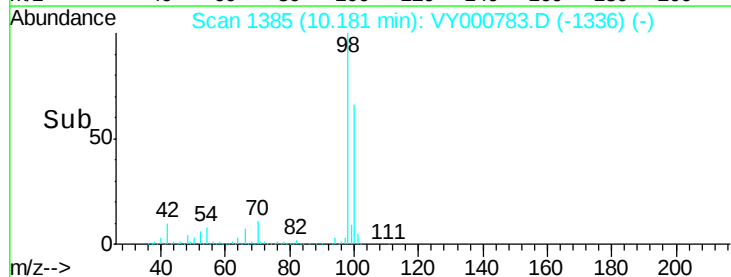
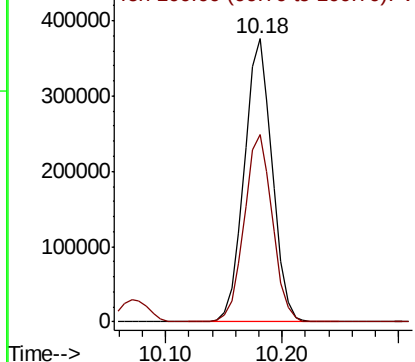


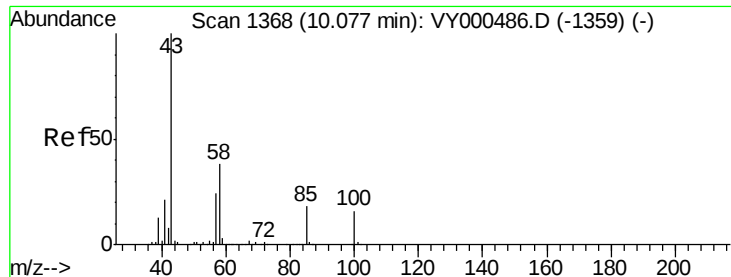
#50
Toluene-d8
Concen: 52.275 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	98	Resp	627337
Ion Ratio	Lower	Upper	
98	100		
100	66.8	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: 111.639 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 43 Resp: 337139

Ion Ratio Lower Upper

43 100

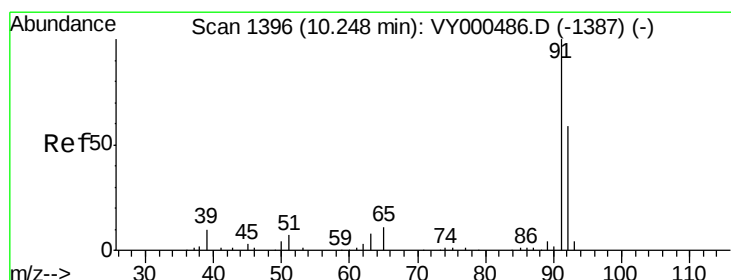
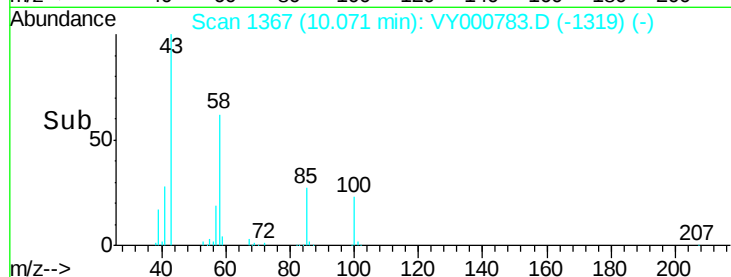
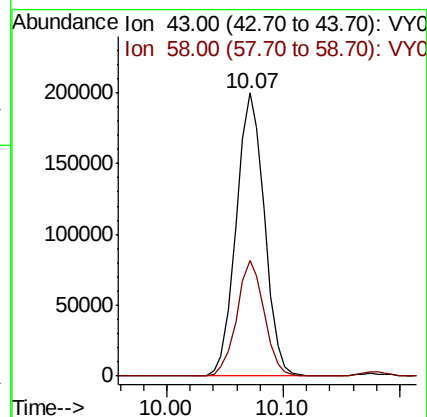
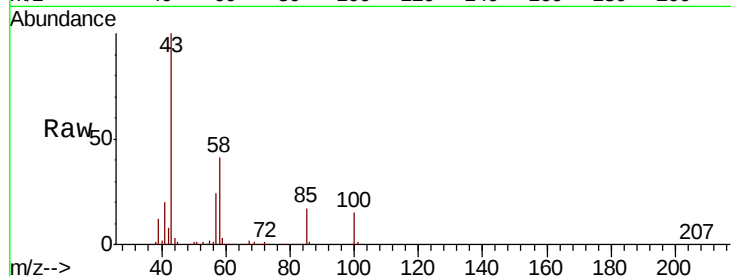
58 39.7 30.2 45.4

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#52

Toluene

Concen: 22.059 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000783.D

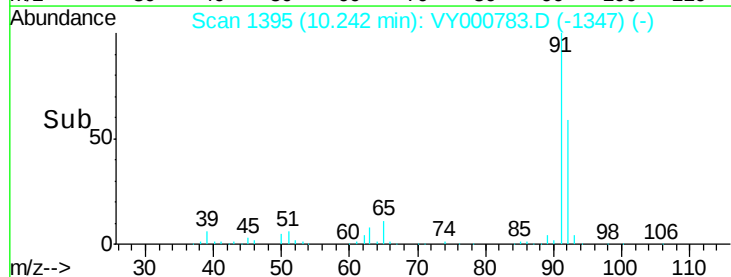
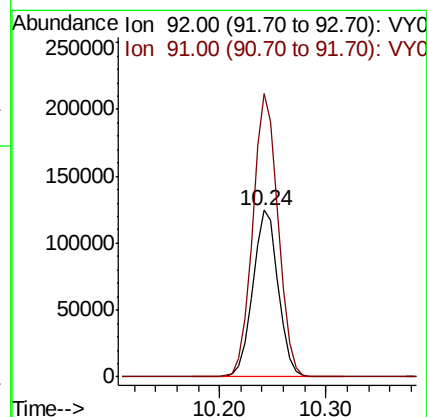
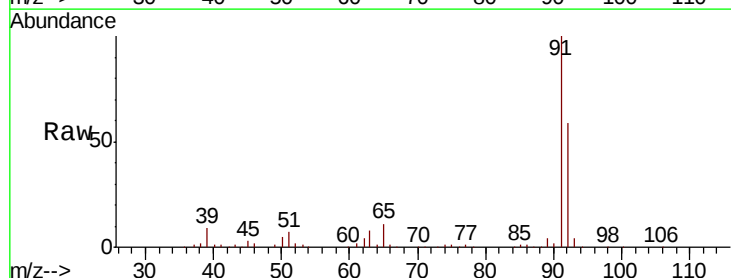
Acq: 22 Nov 2019 11:22

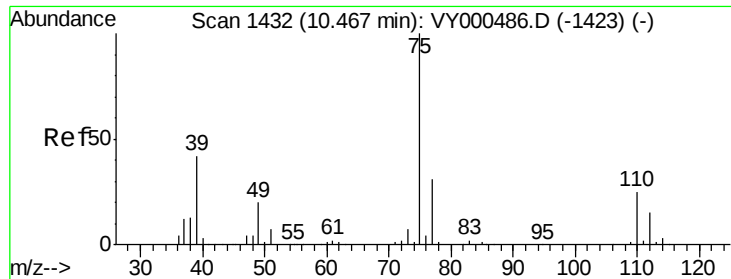
Tgt Ion: 92 Resp: 208239

Ion Ratio Lower Upper

92 100

91 169.3 136.3 204.5





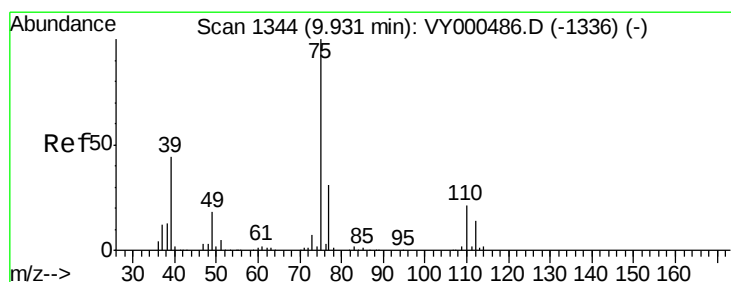
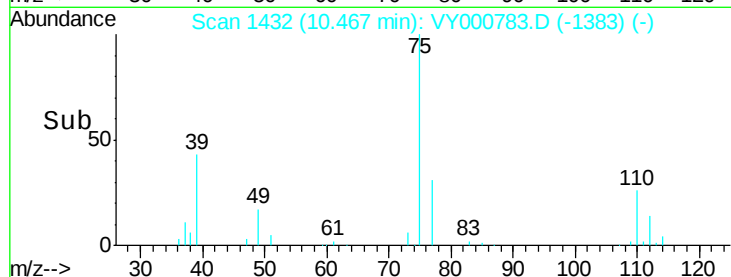
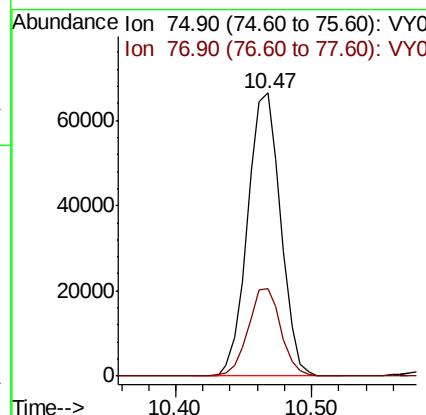
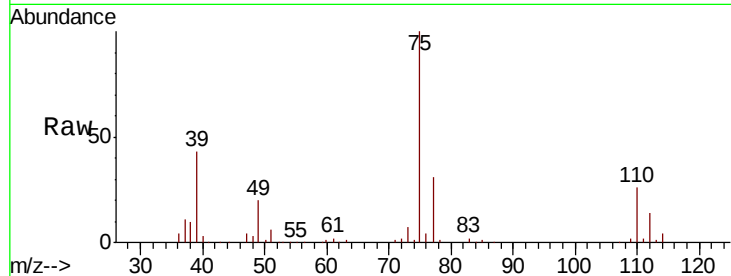
#53
t-1,3-Dichloropropene
Concen: 22.041 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 75 Resp: 112935
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

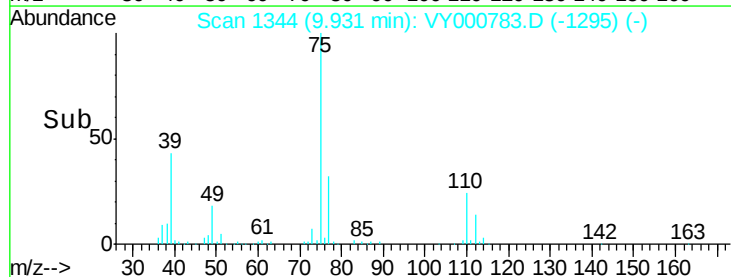
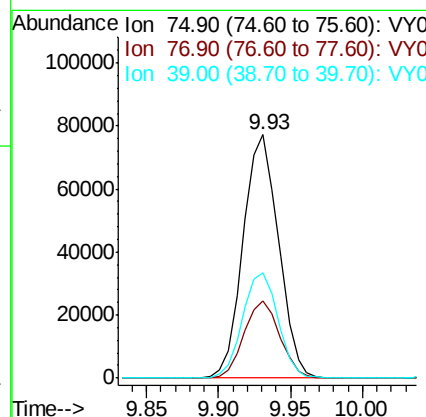
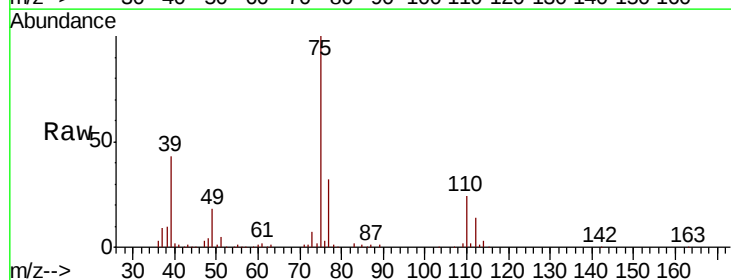
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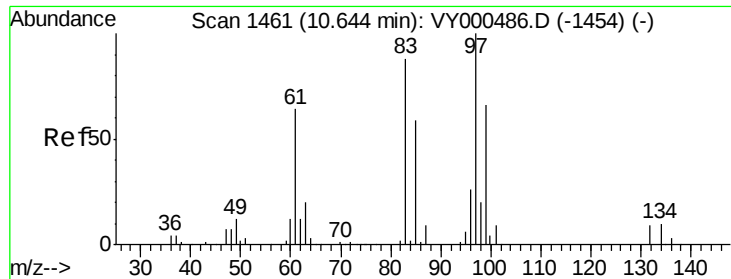
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#54
cis-1,3-Dichloropropene
Concen: 22.484 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 75 Resp: 131979
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7
39 43.2 35.4 53.2





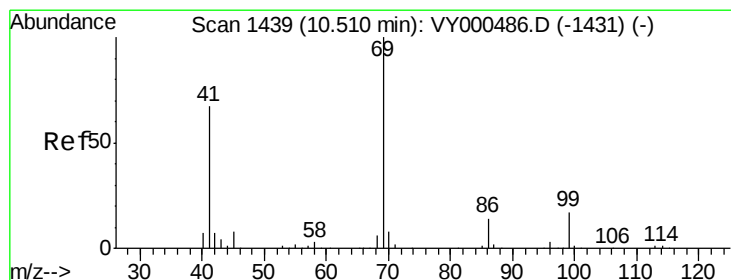
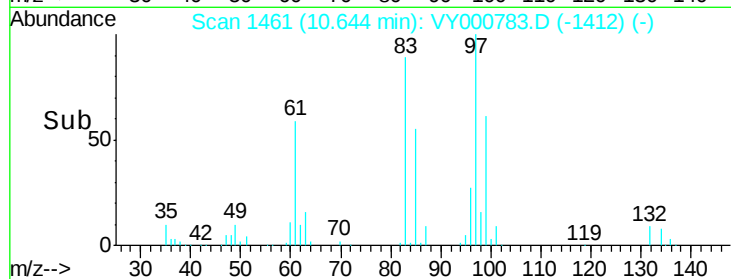
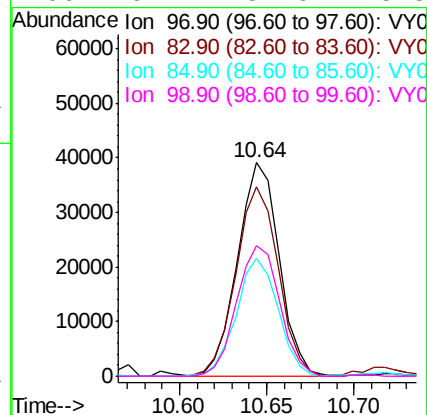
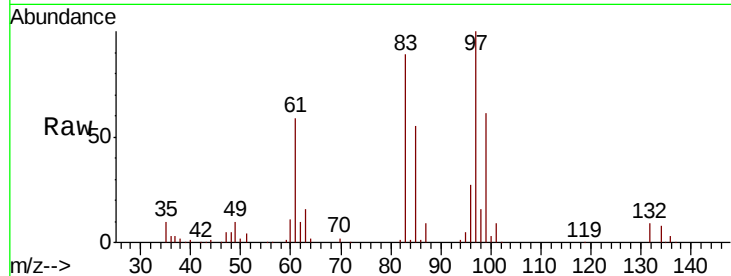
#55
 1,1,2-Trichloroethane
 Concen: 22.202 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion:	97	Resp:	64901
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.2	105.4
85	54.7	46.9	70.3
99	61.1	52.6	78.8

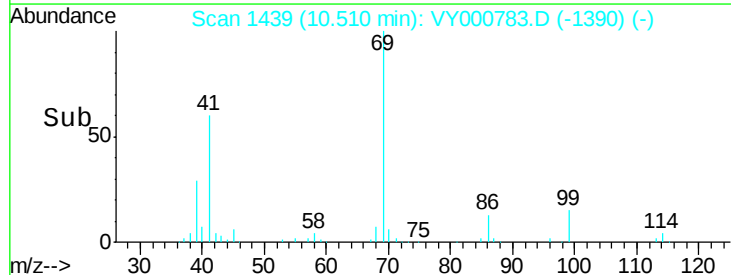
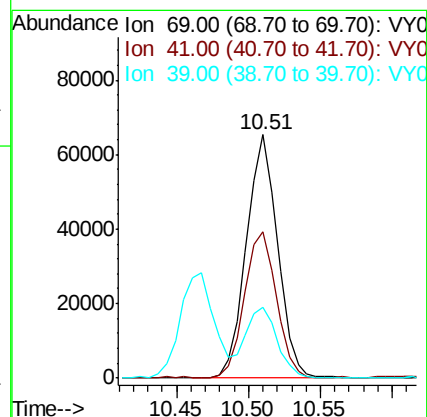
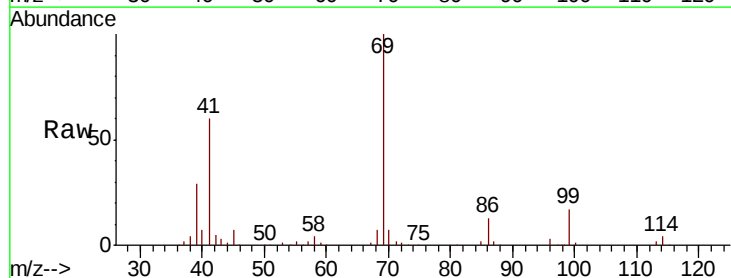
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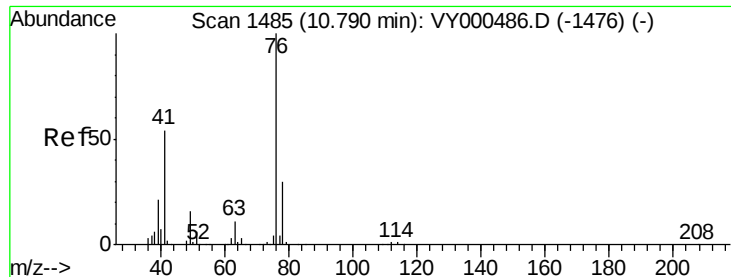
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#56
 Ethyl methacrylate
 Concen: 23.681 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion:	69	Resp:	98113
Ion	Ratio	Lower	Upper
69	100		
41	61.3	53.3	79.9
39	30.3	28.0	42.0





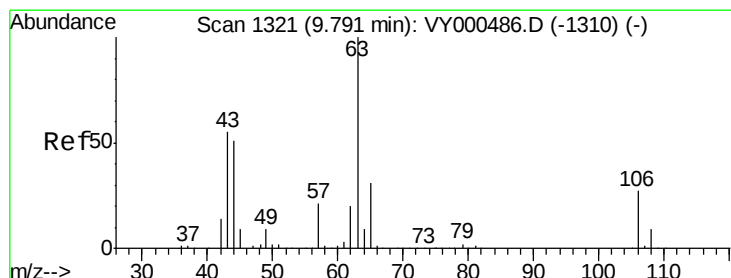
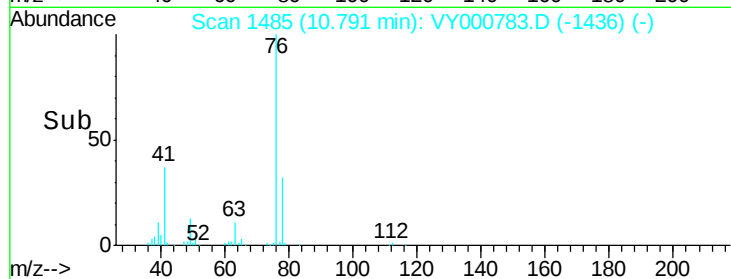
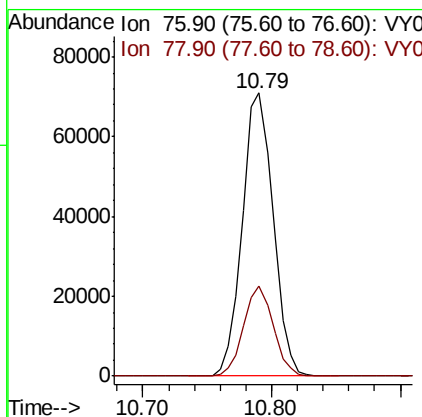
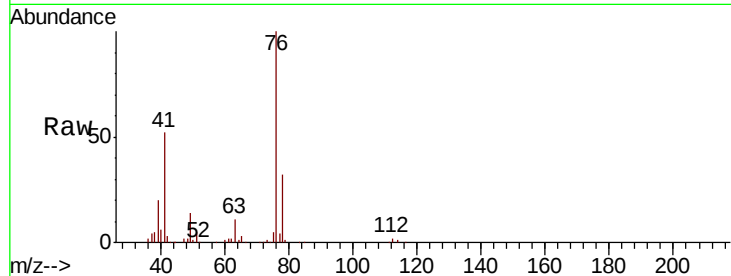
#57
 1,3-Dichloropropane
 Concen: 22.882 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion: 76 Resp: 117066
 Ion Ratio Lower Upper
 76 100
 78 30.7 25.2 37.8

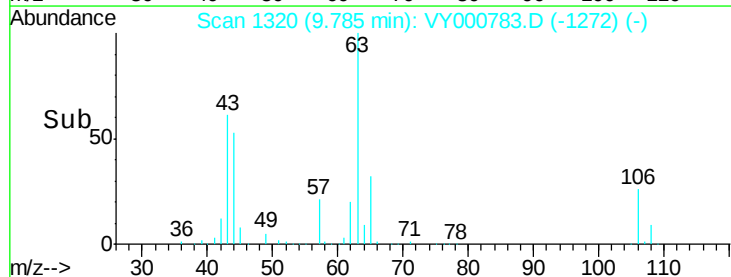
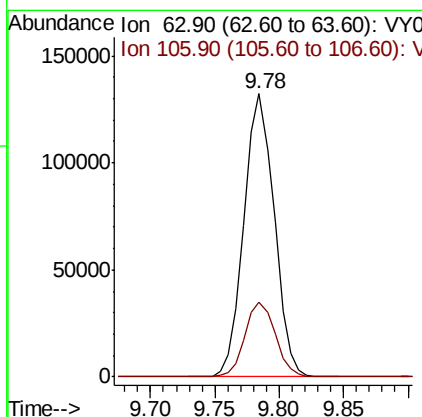
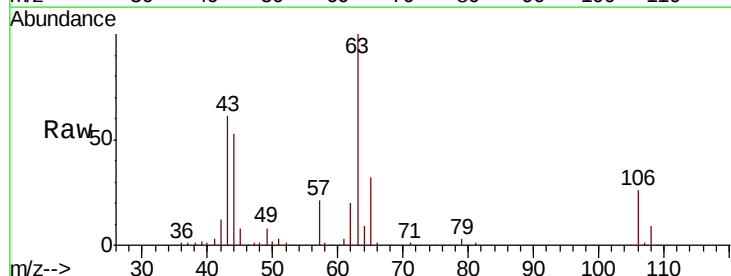
Manual Integrations
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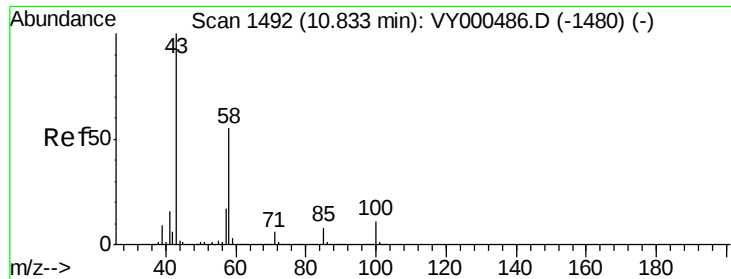
MMDadoda
 11/26/2019 1:33:57 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.591 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion: 63 Resp: 214634
 Ion Ratio Lower Upper
 63 100
 106 26.5 22.6 33.8





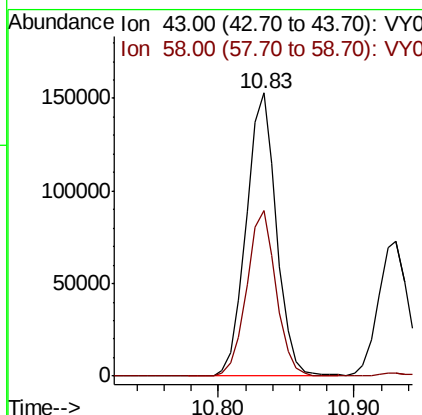
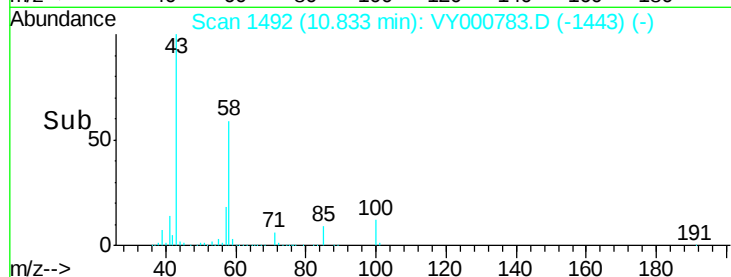
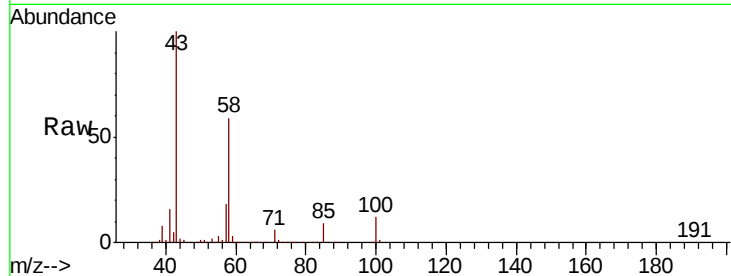
#59
2-Hexanone
Concen: 107.635 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 43 Resp: 236826
Ion Ratio Lower Upper
43 100
58 57.2 27.1 81.3

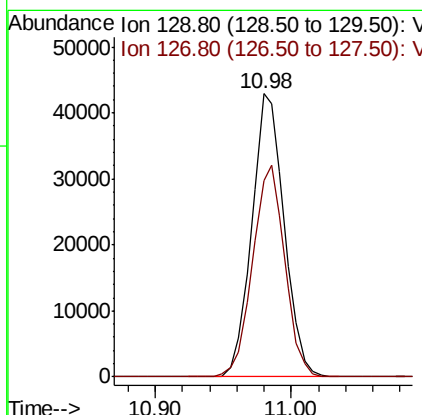
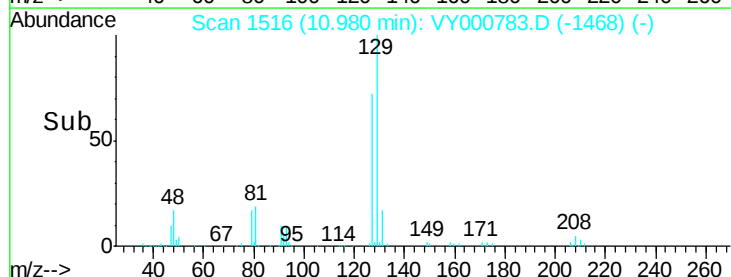
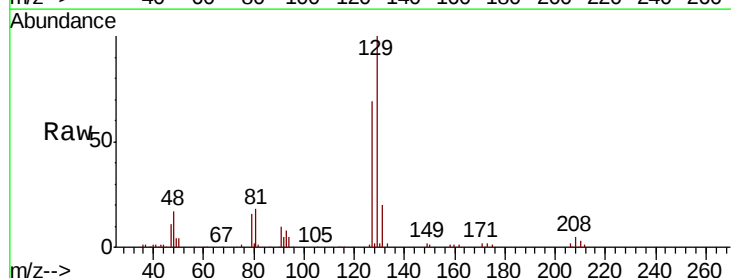
Manual Integrations
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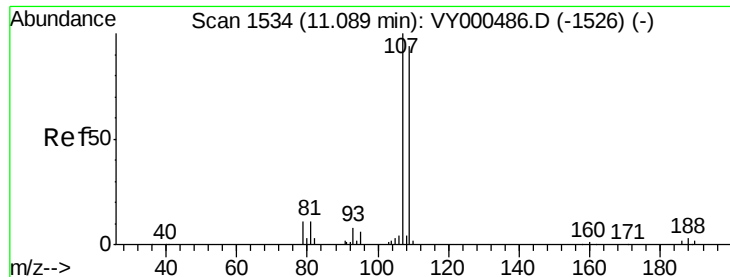
MMDadoda
11/26/2019 1:33:57 AM



#60
Dibromochloromethane
Concen: 21.376 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 129 Resp: 71574
Ion Ratio Lower Upper
129 100
127 74.2 39.1 117.2





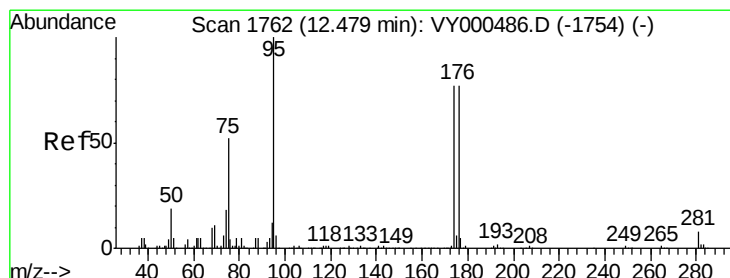
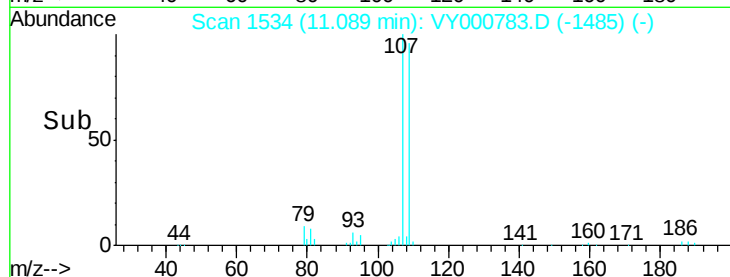
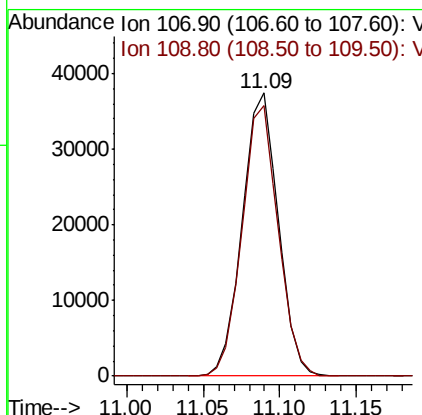
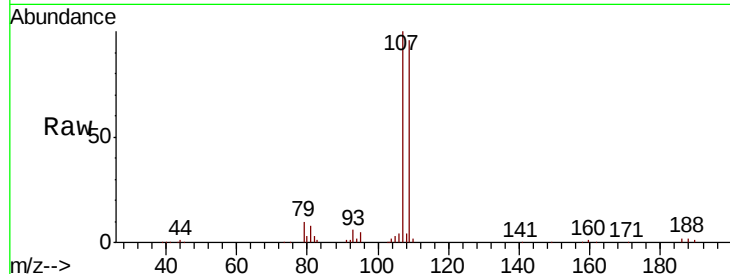
#61
 1,2-Dibromoethane
 Concen: 21.748 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	73.6	110.4

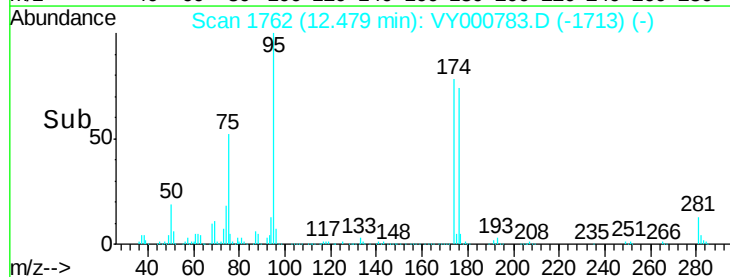
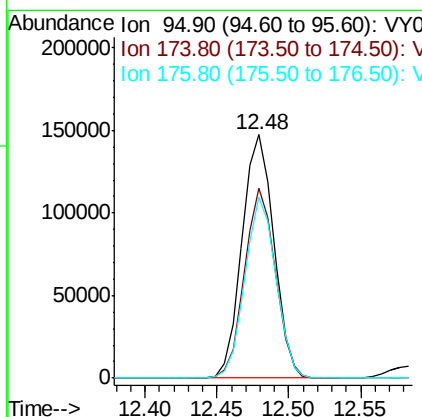
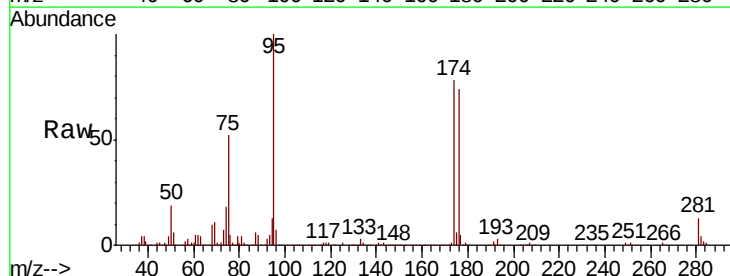
Manual Integrations
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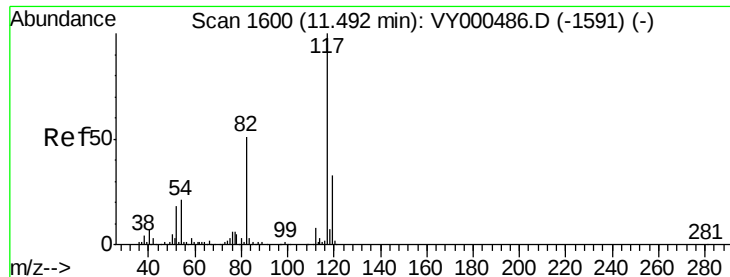
MMDadoda
 11/26/2019 1:33:57 AM



#62
 4-Bromofluorobenzene
 Concen: 49.345 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	161.6
176	72.4	0.0	157.8





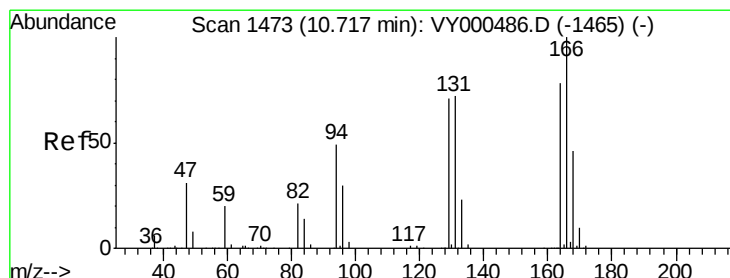
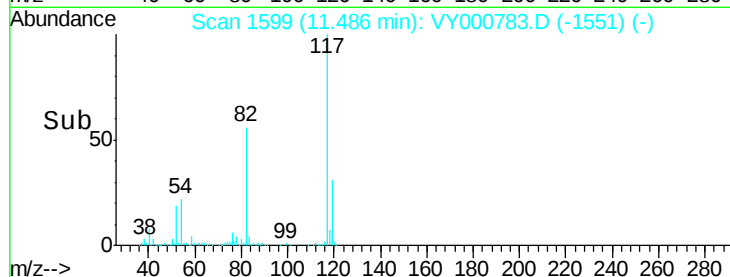
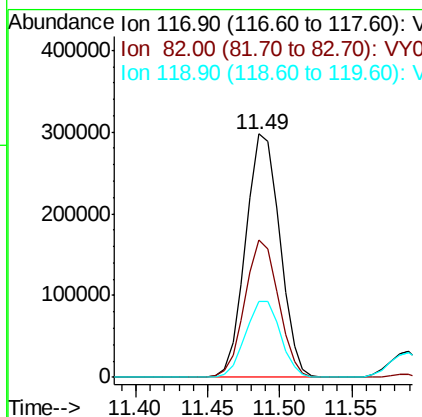
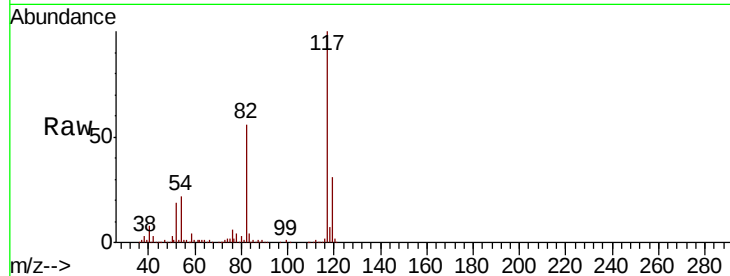
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	40.8	61.2
119	31.4	26.2	39.2

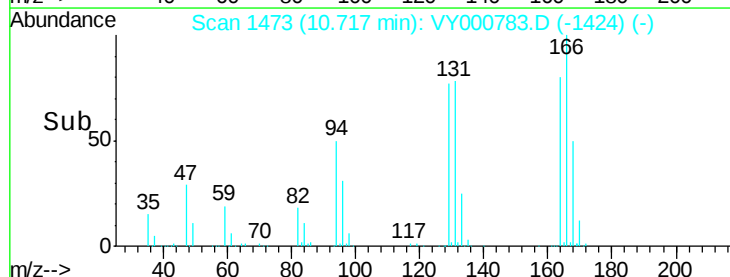
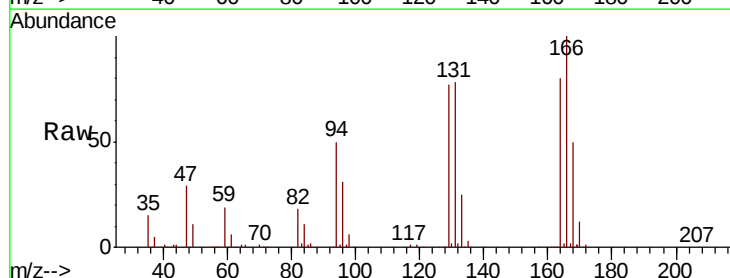
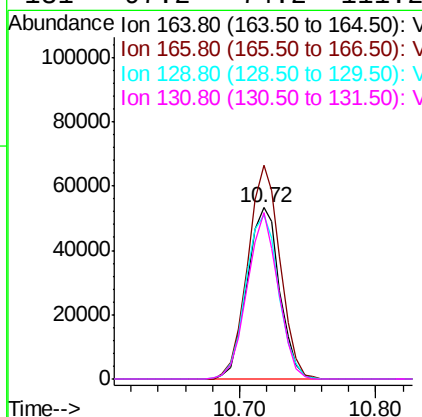
Manual Integrations
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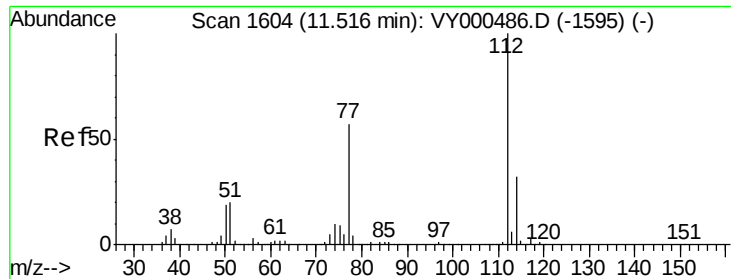
MMDadoda
11/26/2019 1:33:57 AM



#64
Tetrachloroethene
Concen: 22.136 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.7	154.1
129	95.5	73.2	109.8
131	97.2	74.2	111.2





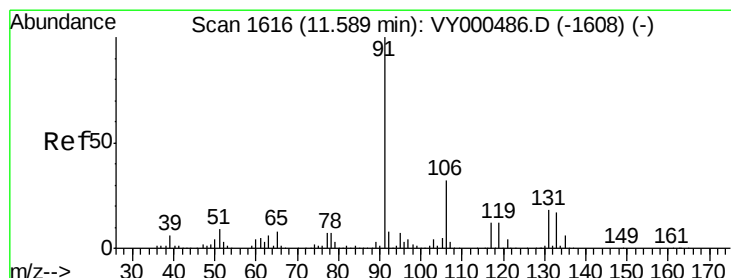
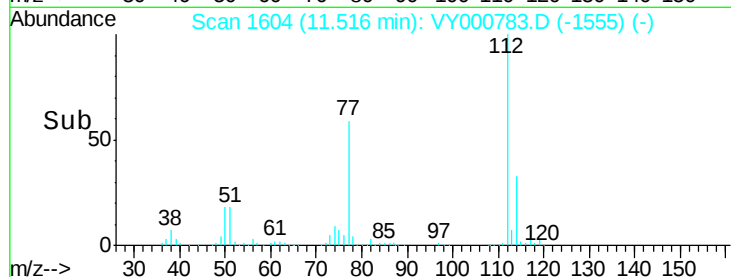
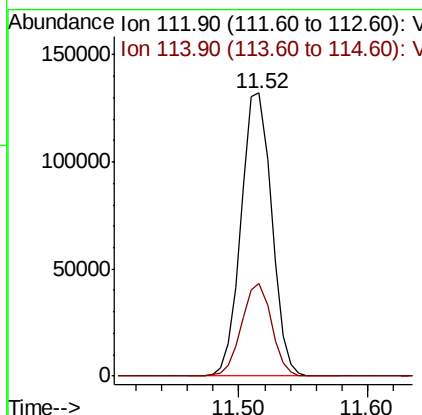
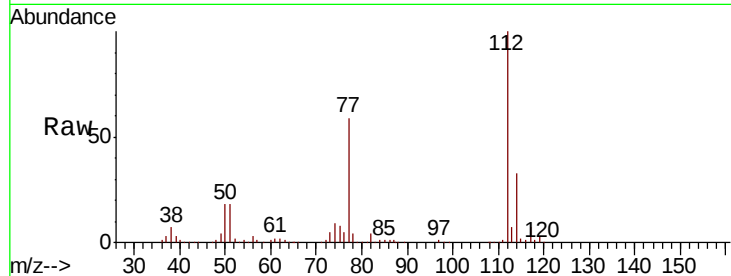
#65
Chlorobenzene
Concen: 21.911 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion:112 Resp: 217156
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

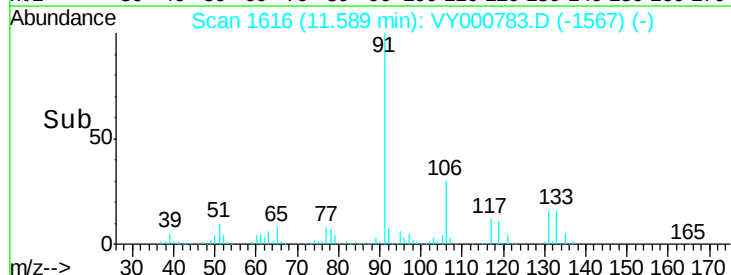
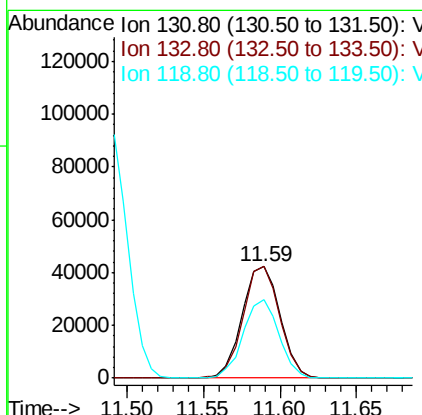
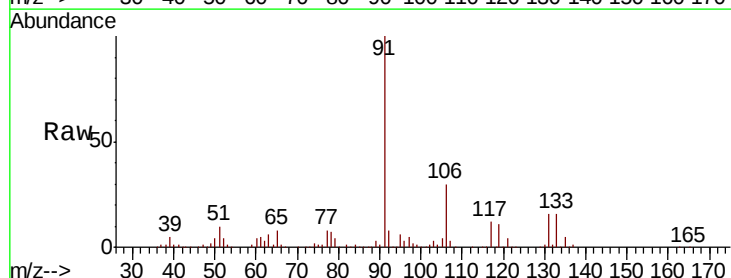
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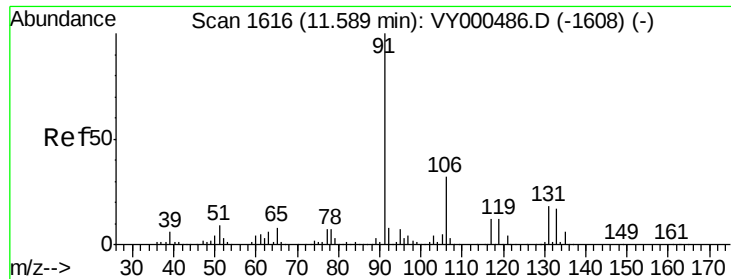
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.196 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion:131 Resp: 72854
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 66.3 33.1 99.3





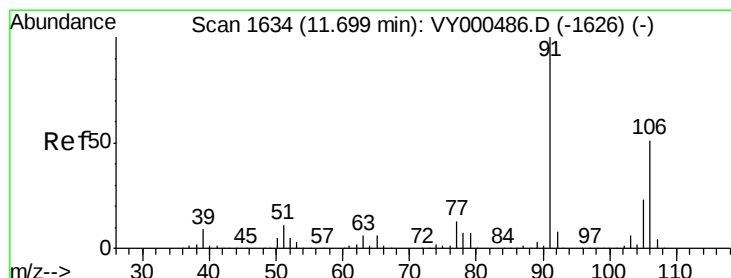
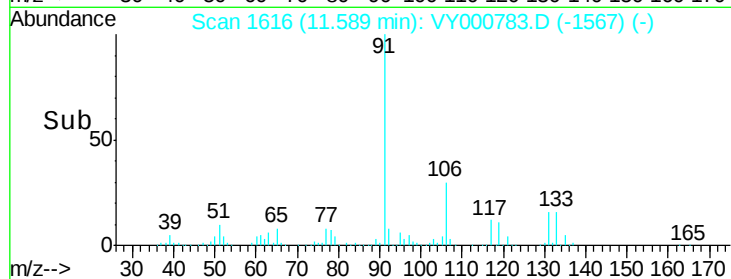
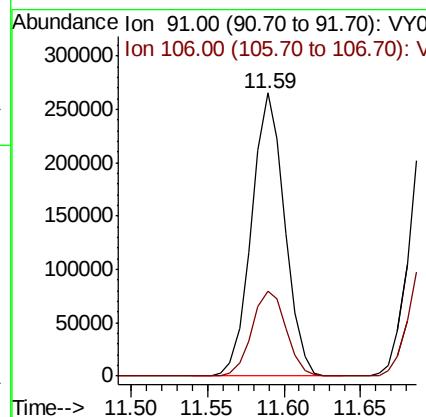
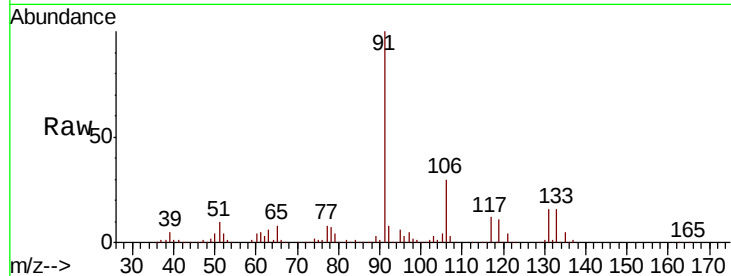
#67
Ethyl Benzene
Concen: 21.866 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 91 Resp: 398838
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0

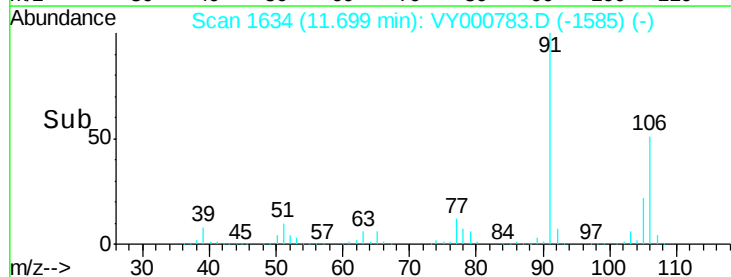
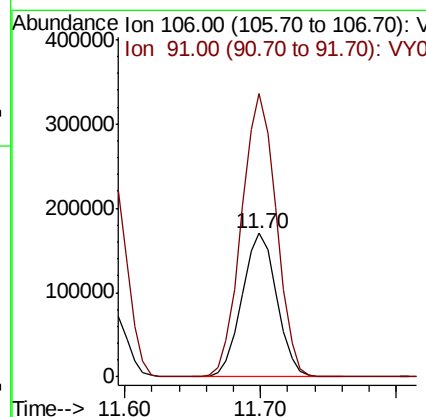
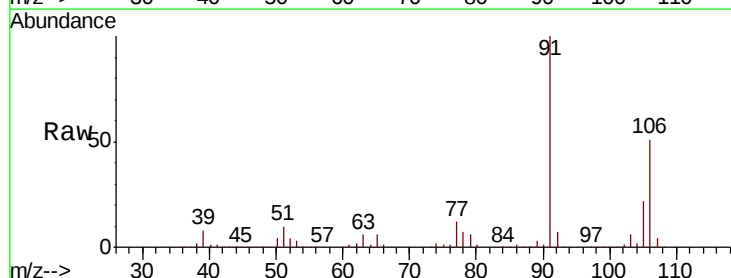
Manual Integrations
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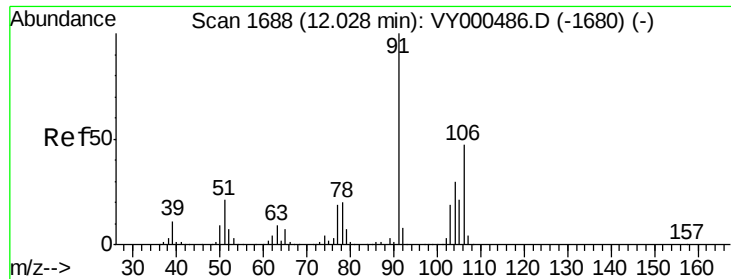
MMDadoda
11/26/2019 1:33:57 AM



#68
m/p-Xylenes
Concen: 42.978 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 106 Resp: 303413
Ion Ratio Lower Upper
106 100
91 197.8 155.9 233.9





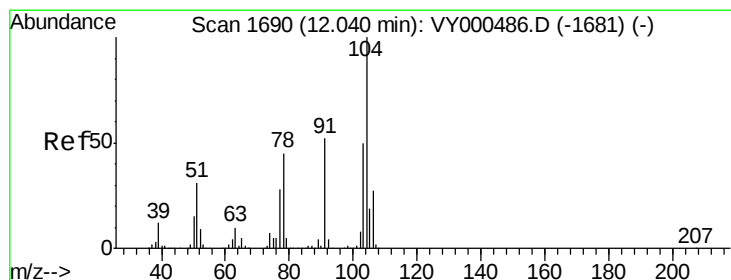
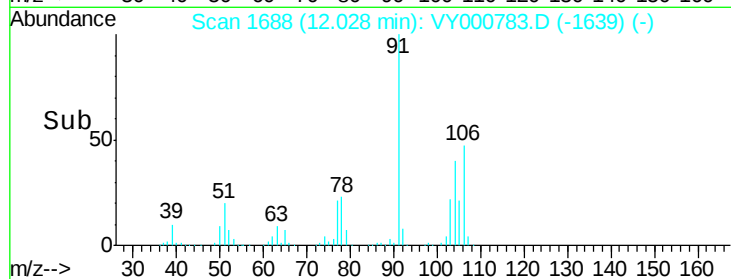
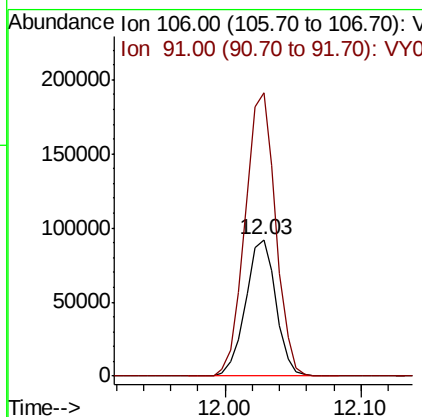
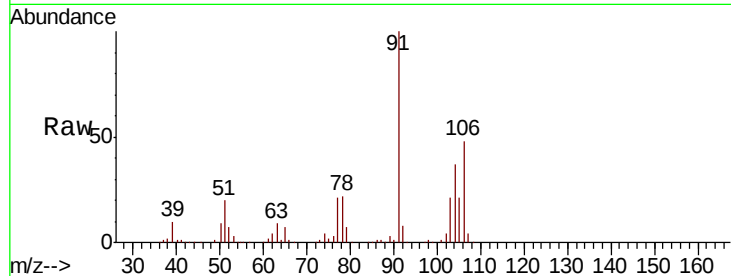
#69
o-Xylene
Concen: 21.694 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	208.6	106.5	143938	319.6	

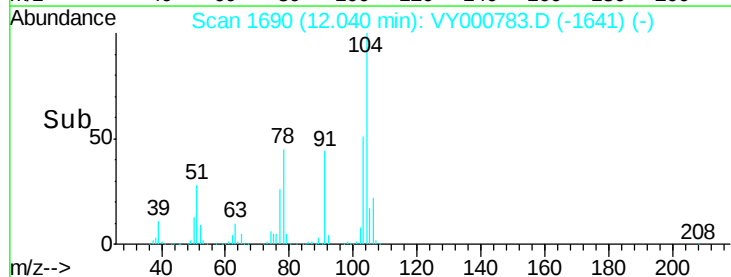
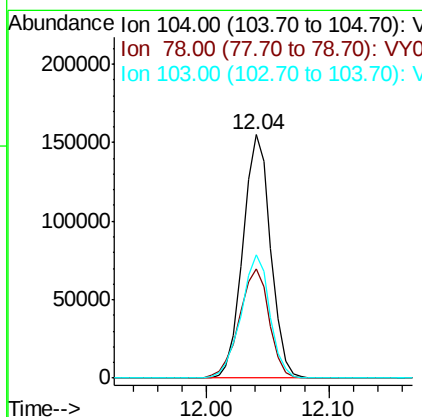
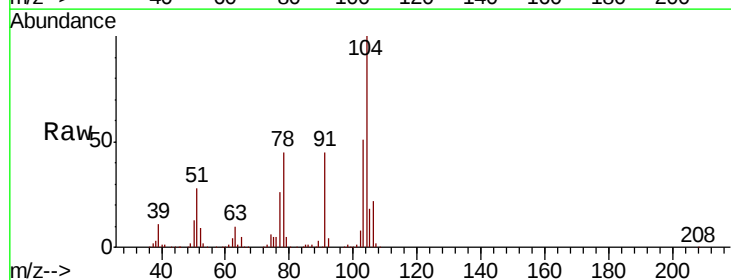
Manual Integrations
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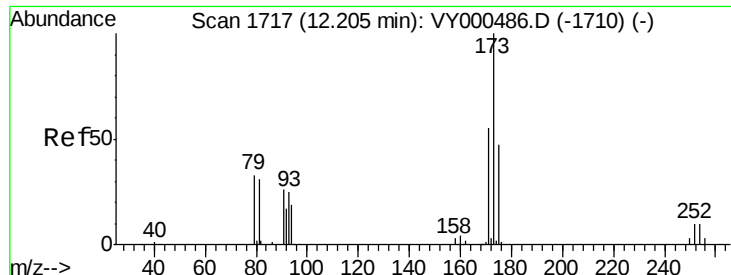
MMDadoda
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#70
Styrene
Concen: 21.351 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.4	39.0	242573	58.4	
103	52.9	42.5		63.7	





#71

Bromoform

Concen: 20.432 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

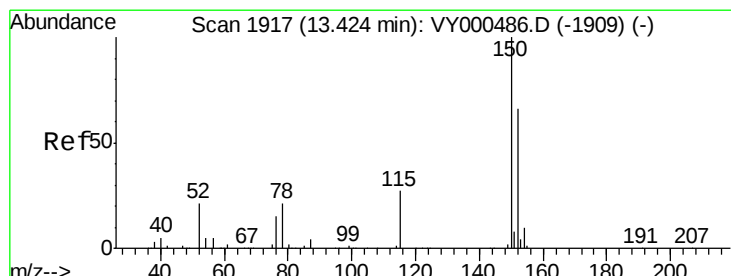
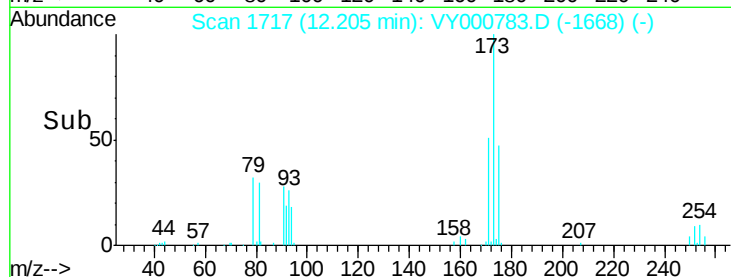
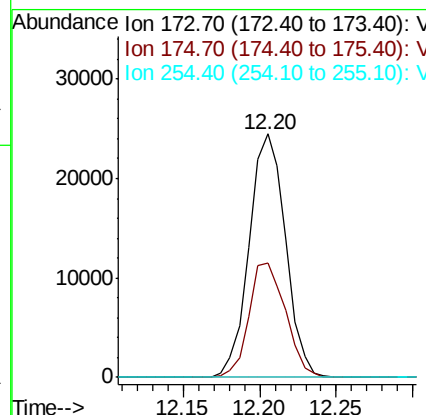
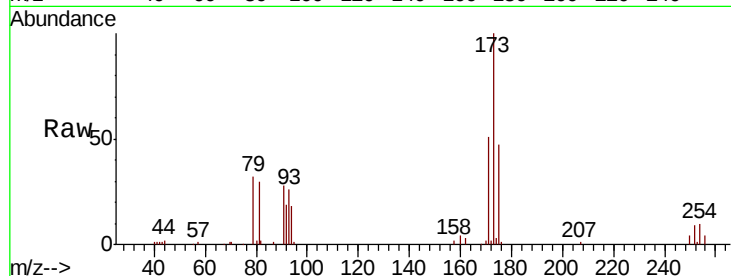
ClientSampleId :

VY1122SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

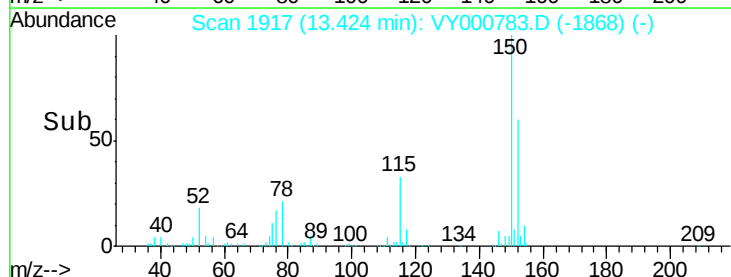
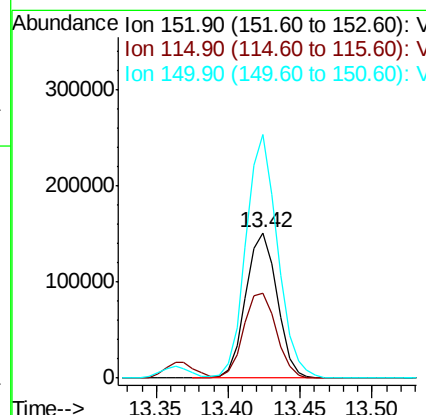
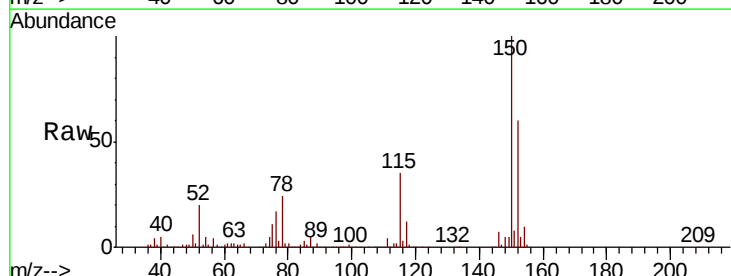
RT: 13.42 min Scan# 1917

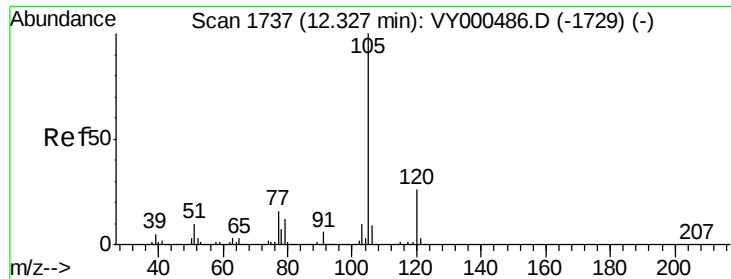
Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.1	87.4
150	168.6	0.0	348.8





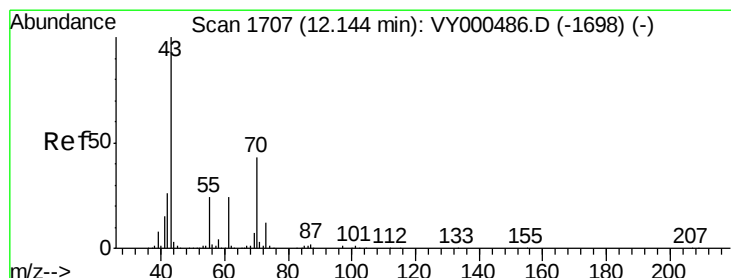
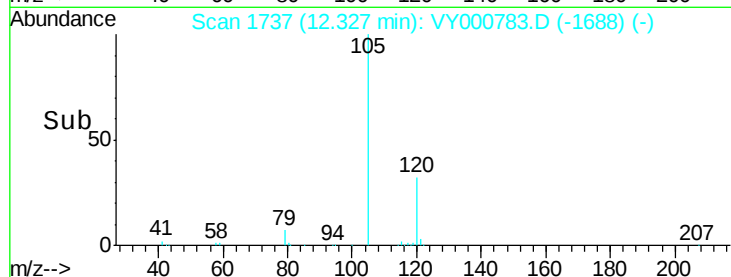
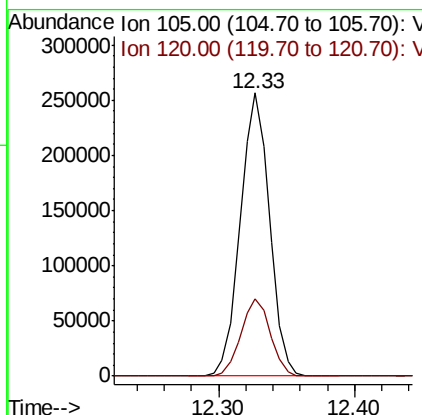
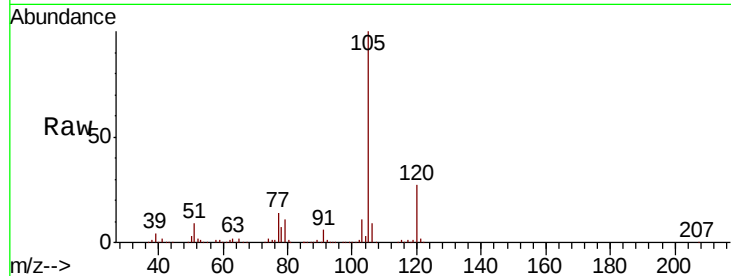
#73
Isopropylbenzene
Concen: 22.676 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.4

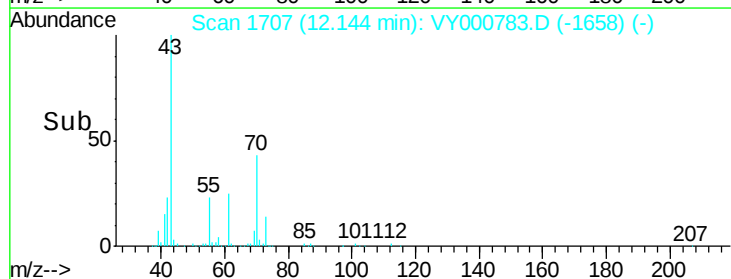
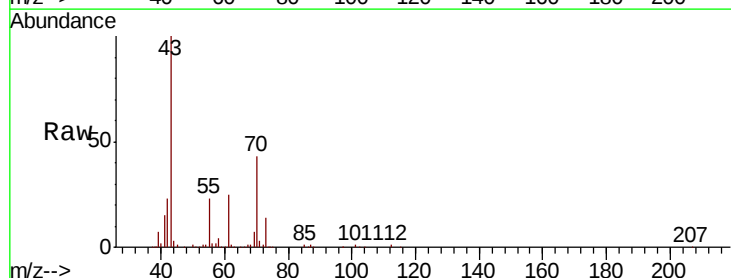
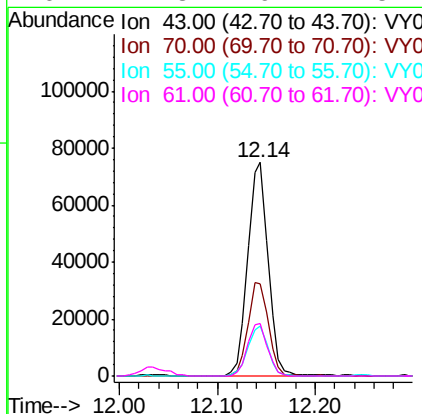
Manual Integrations
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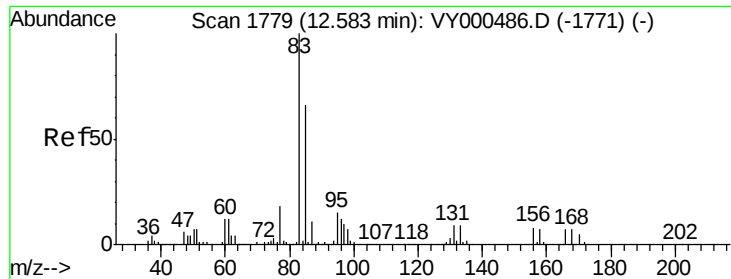
MMDadoda
11/26/2019 1:33:57 AM



#74
N-ethyl acetate
Concen: 22.477 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.9	33.1	49.7
55	23.6	18.0	27.0
61	24.3	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.712 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

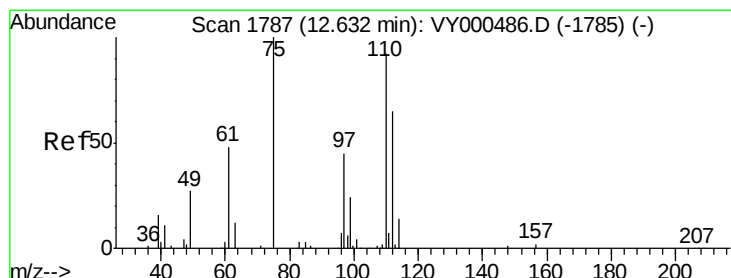
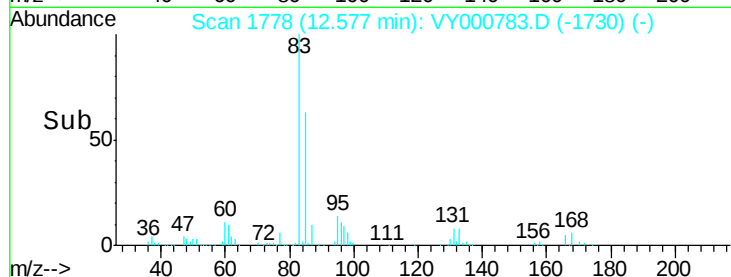
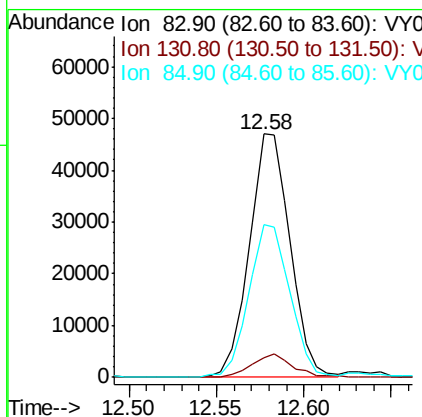
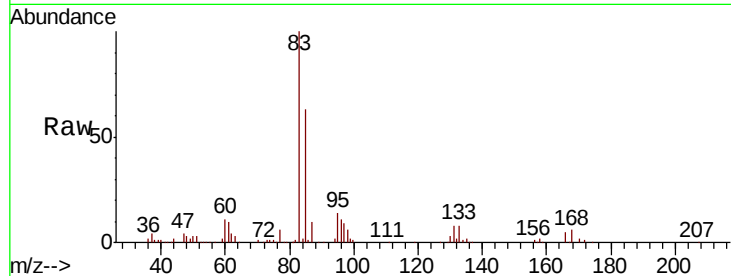
ClientSampleId :

VY1122SBS01

Tot Ion:	83	Resp:	75981
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	14.9
85	63.4	32.3	96.9

Manual Integrations
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11/26/2019 1:33:57 AM



#76

1,2,3-Trichloropropane

Concen: 21.070 ug/l m

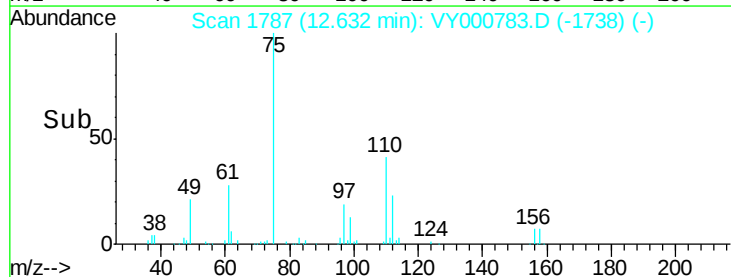
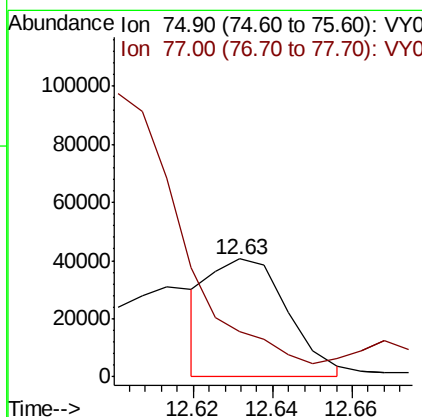
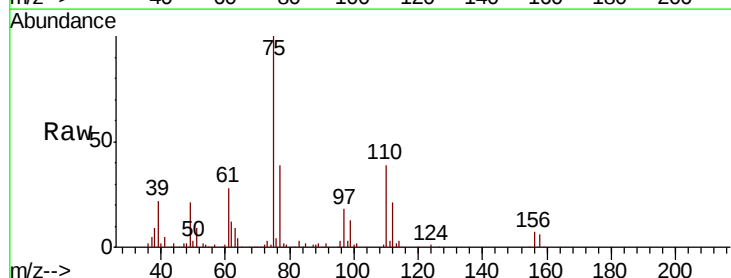
RT: 12.63 min Scan# 1787

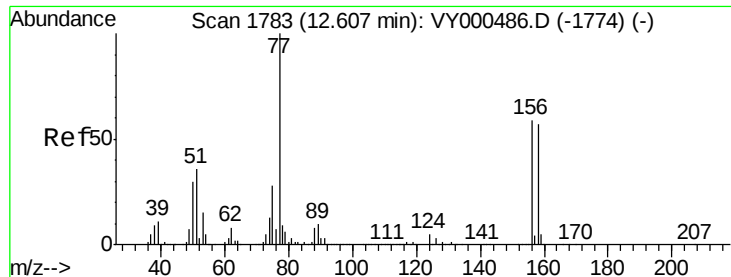
Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion:	75	Resp:	54845
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.959 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

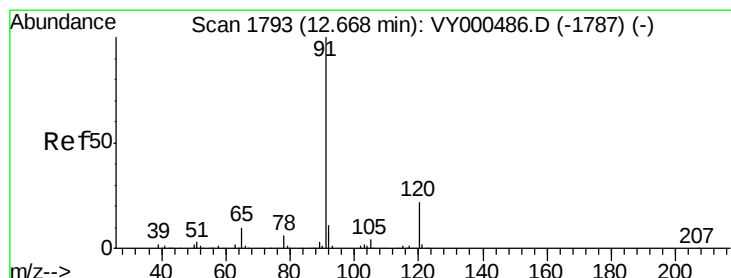
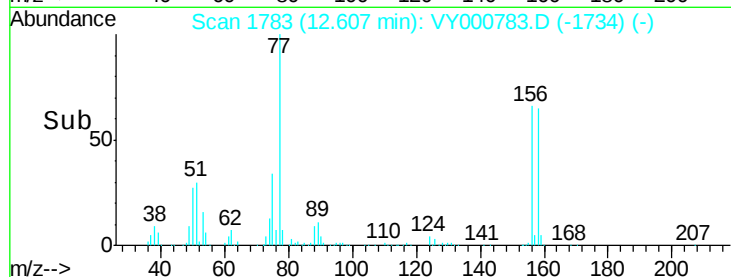
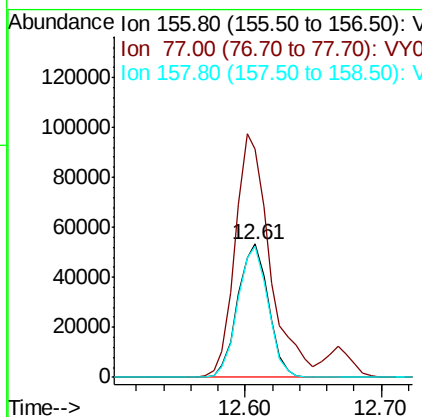
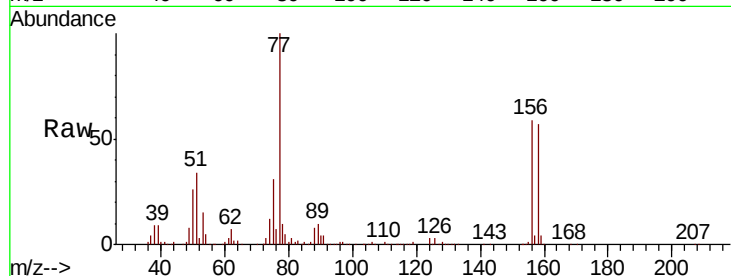
ClientSampleId :

VY1122SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	205.4	98.2	294.4
158	96.6	49.6	149.0

Manual Integrations
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#78

n-propylbenzene

Concen: 22.961 ug/l

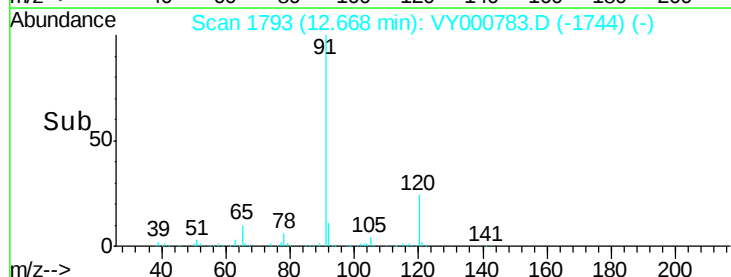
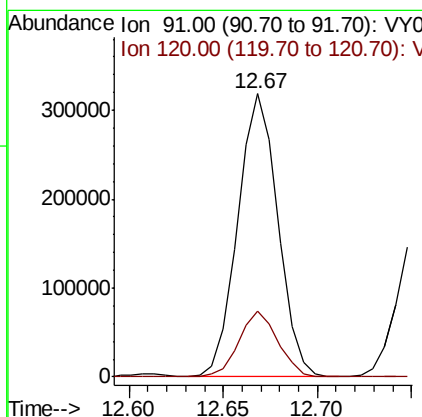
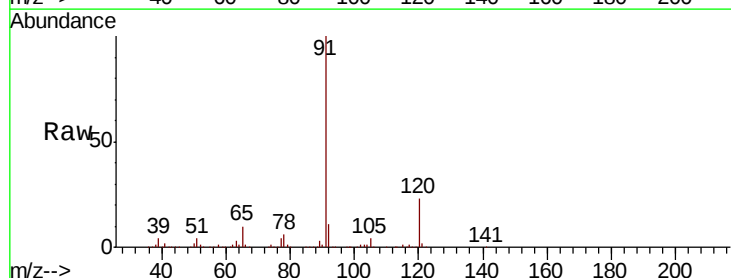
RT: 12.67 min Scan# 1793

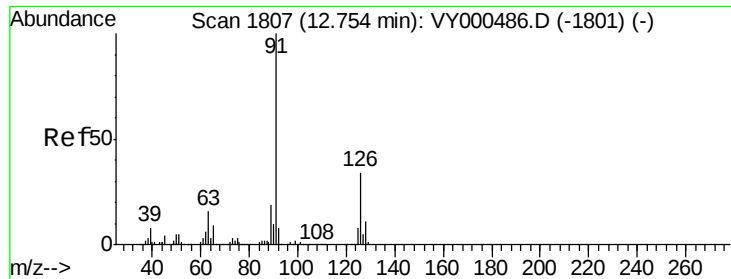
Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1





#79

2-Chlorotoluene

Concen: 22.764 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 91 Resp: 257625

Ion Ratio Lower Upper

91 100

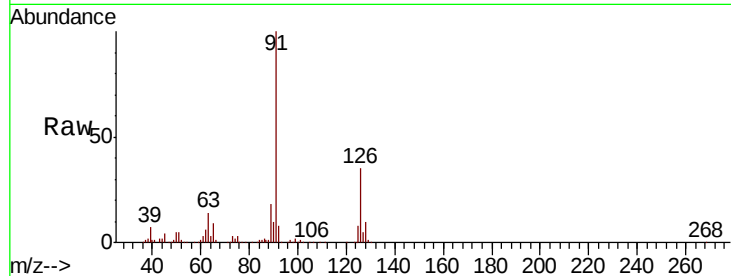
126 34.1 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VY000783.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY000783.D (-1758) (-)

300000

250000

200000

150000

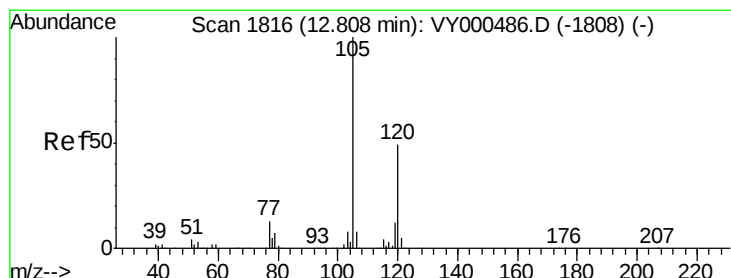
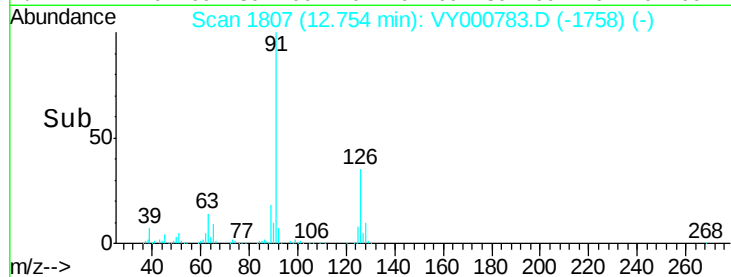
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.667 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000783.D

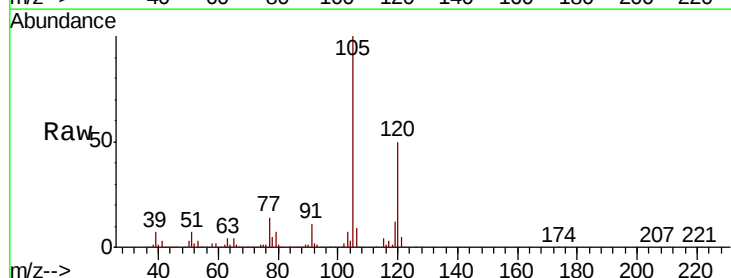
Acq: 22 Nov 2019 11:22

Tgt Ion: 105 Resp: 318954

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000783.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000783.D (-1767) (-)

250000

200000

150000

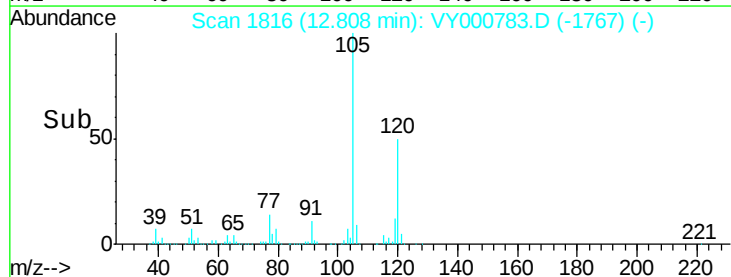
100000

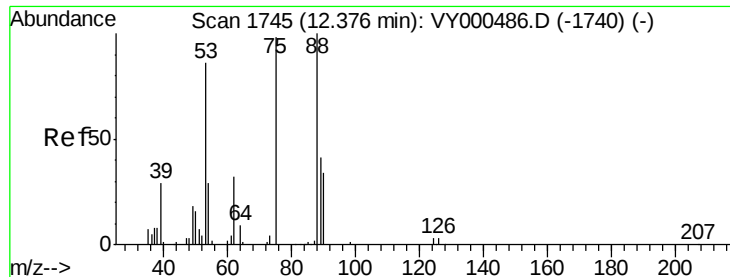
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 24.215 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

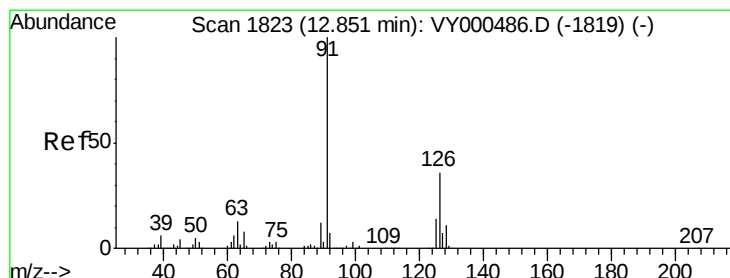
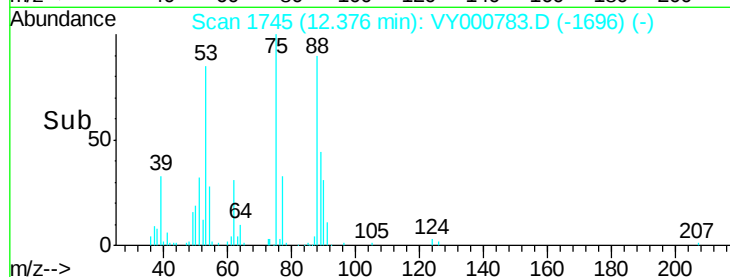
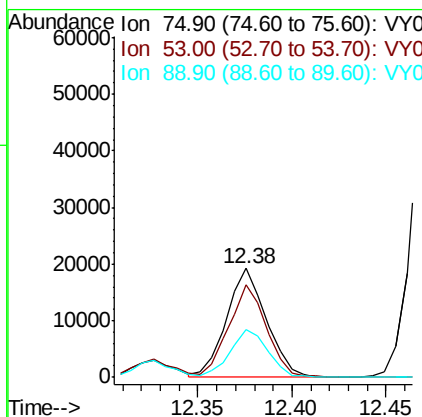
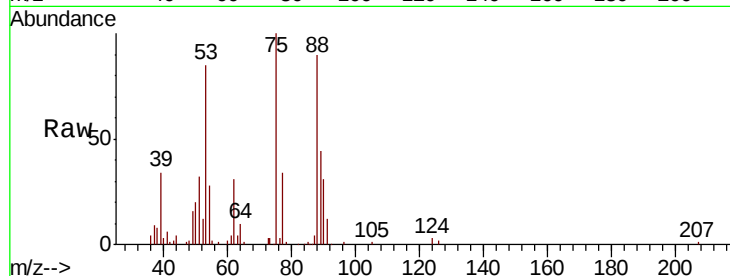
ClientSampleId :

VY1122SBS01

Tot Ion:	75	Resp:	28112
Ion Ratio	Lower	Upper	
75	100		
53	81.1	73.2	109.8
89	41.9	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 23.130 ug/l

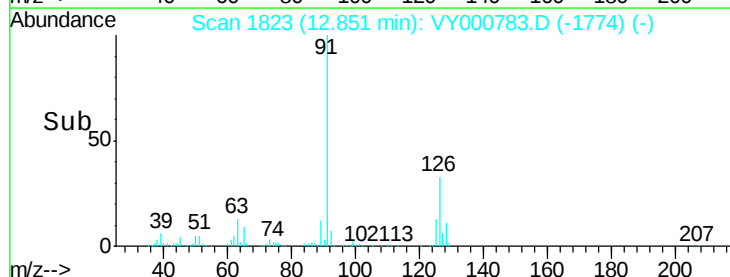
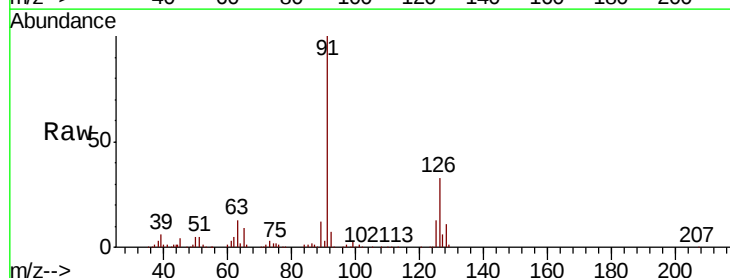
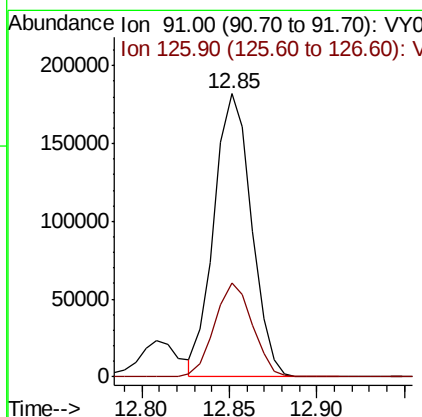
RT: 12.85 min Scan# 1823

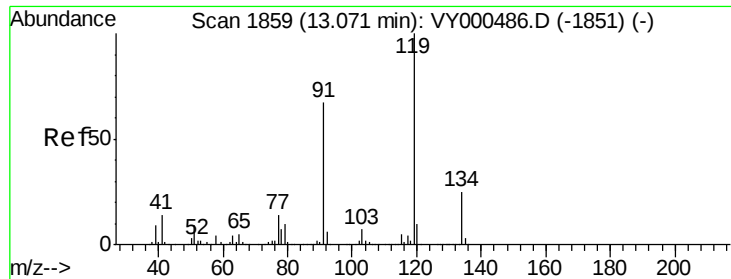
Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion:	91	Resp:	271346
Ion Ratio	Lower	Upper	
91	100		
126	33.5	17.6	52.9





#83

tert-Butylbenzene

Concen: 22.985 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

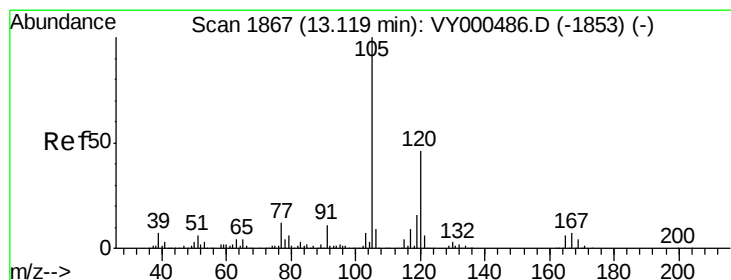
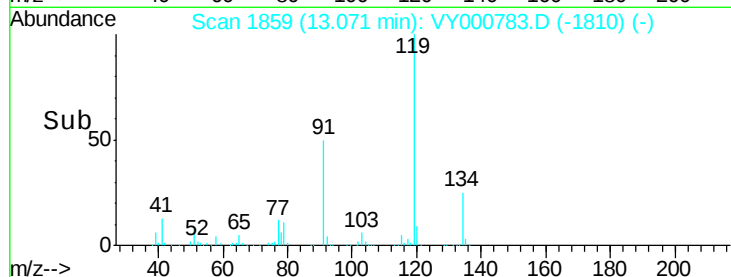
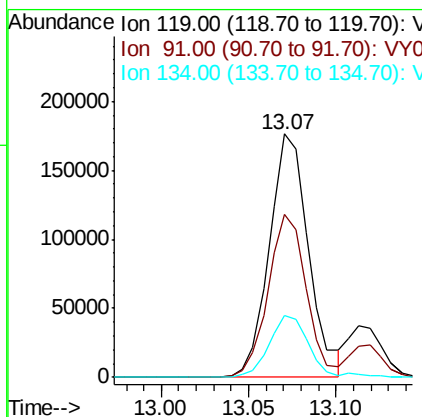
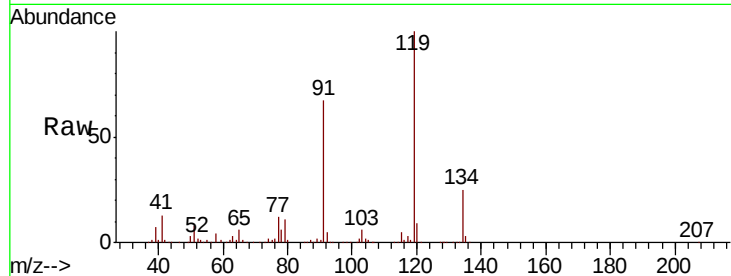
ClientSampleId :

VY1122SBS01

Tot Ion:	119	Resp:	276162
Ion Ratio	Lower	Upper	
119	100		
91	65.2	32.1	96.3
134	25.9	13.2	39.5

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#84

1,2,4-Trimethylbenzene

Concen: 23.373 ug/l

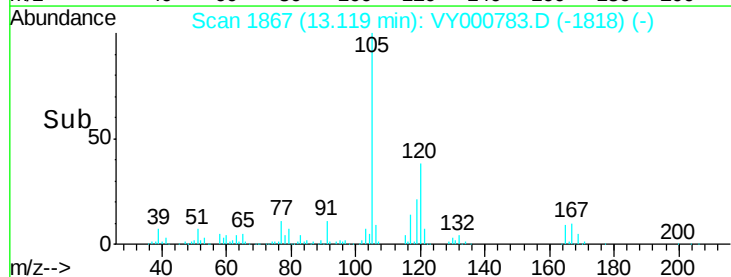
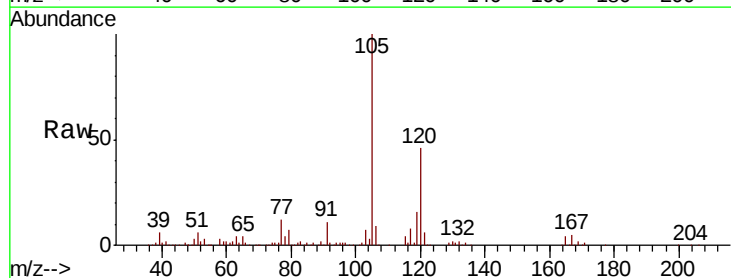
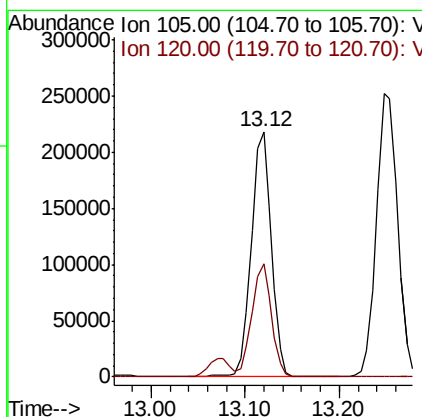
RT: 13.12 min Scan# 1867

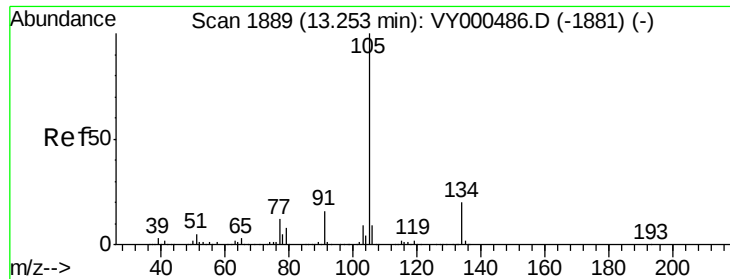
Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion:	105	Resp:	327468
Ion Ratio	Lower	Upper	
105	100		
120	45.4	23.3	69.9





#85

sec-Butylbenzene

Concen: 22.916 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion:105 Resp: 392264

Ion Ratio Lower Upper

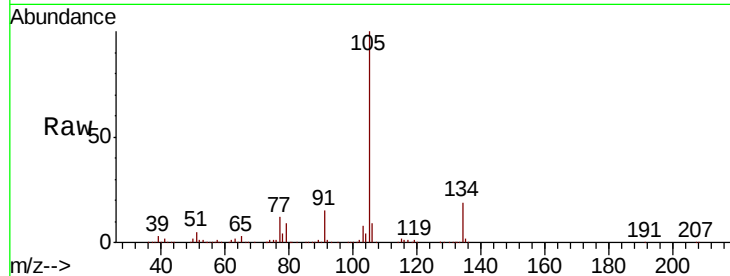
105 100

134 19.8 10.1 30.1

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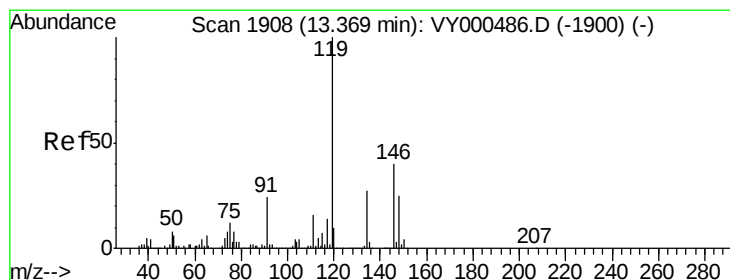
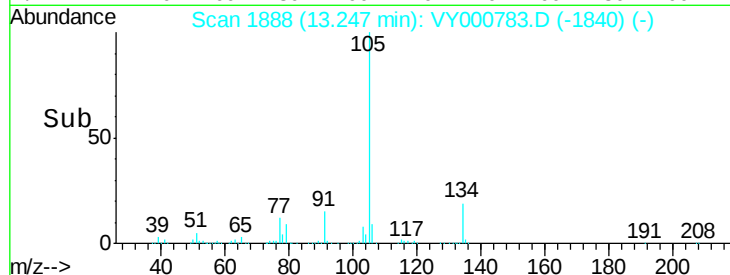
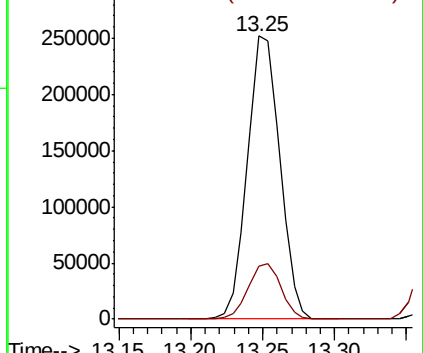
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.631 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

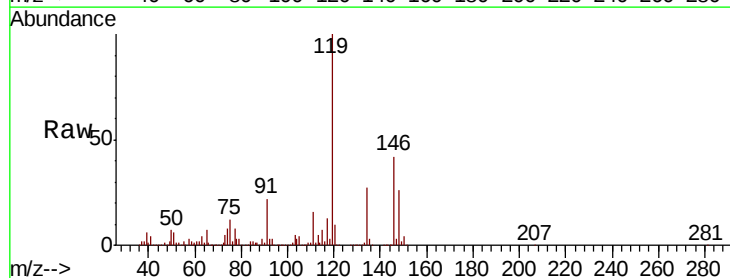
Tgt Ion:119 Resp: 345262

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

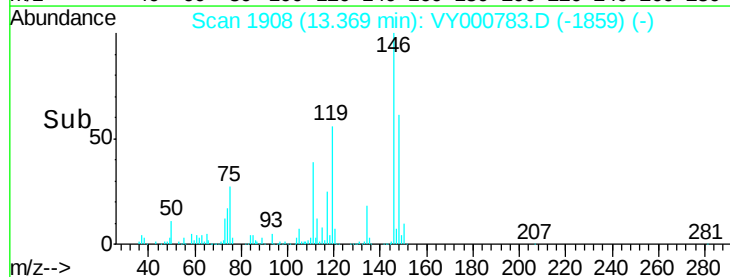
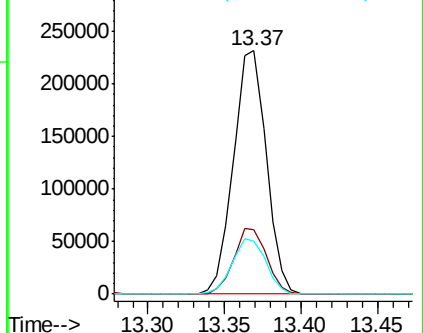
91 23.2 12.0 36.1

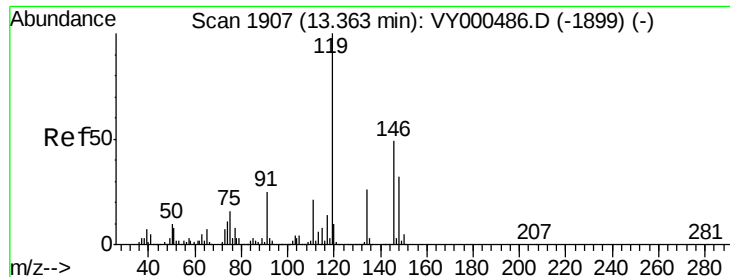


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





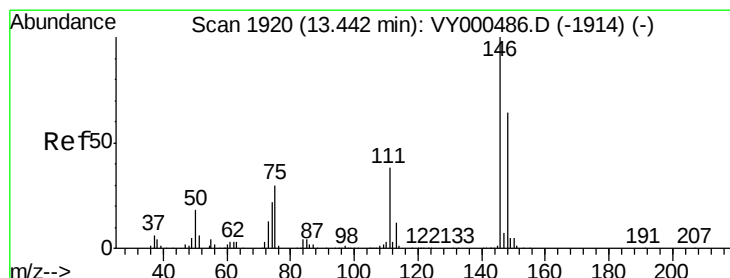
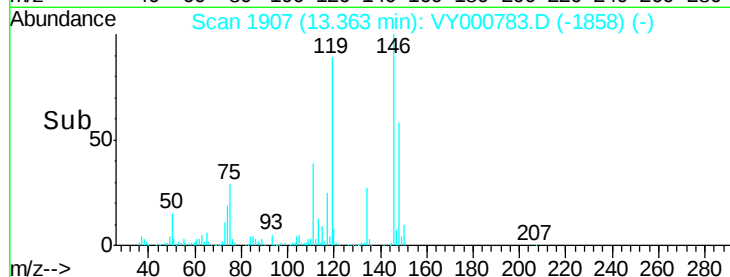
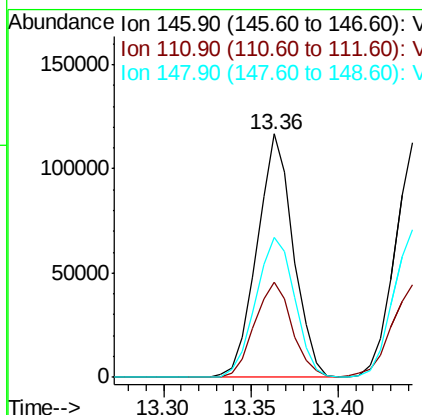
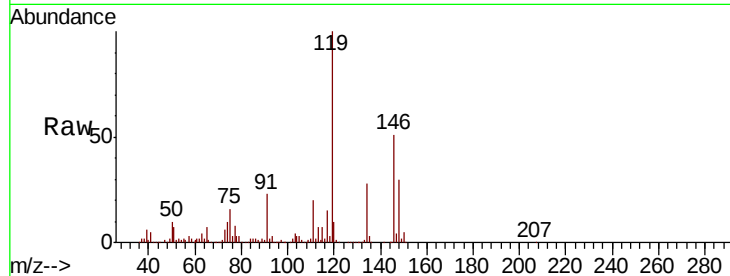
#87
 1,3-Dichlorobenzene
 Concen: 22.634 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	62.1	31.5	94.5

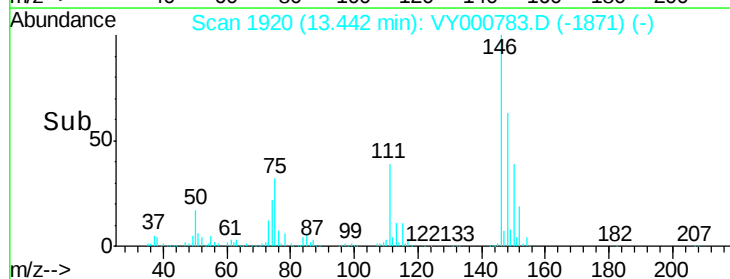
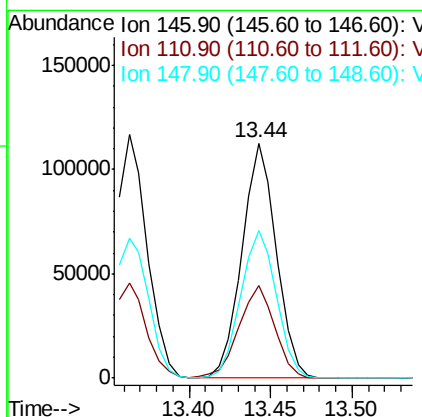
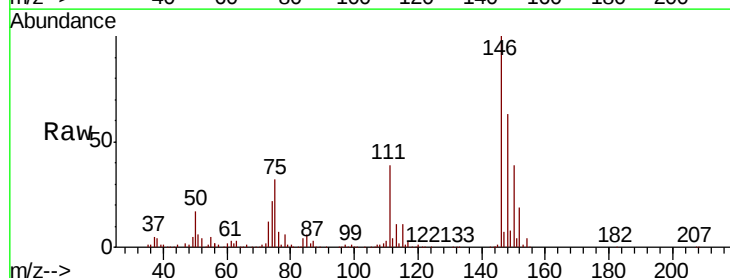
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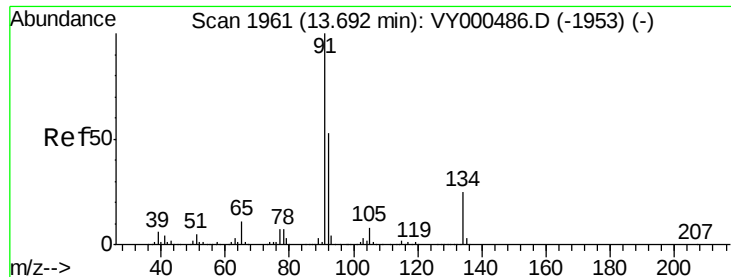
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#88
 1,4-Dichlorobenzene
 Concen: 22.023 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.7	59.0
148	65.5	31.9	95.7





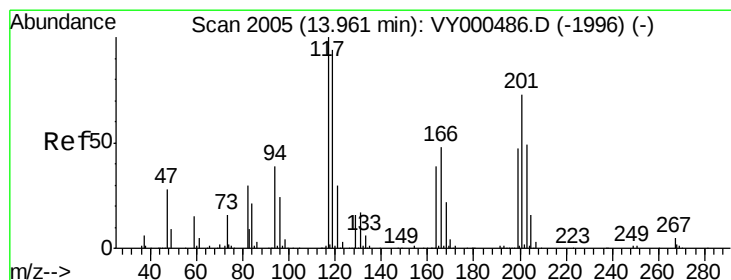
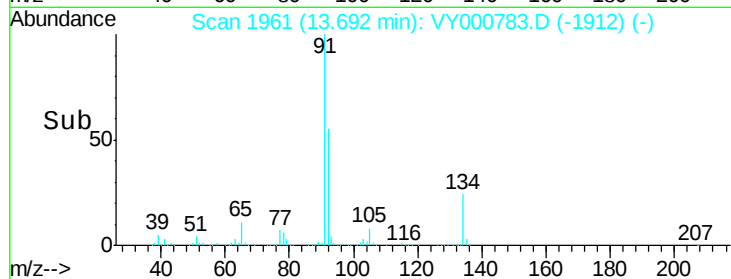
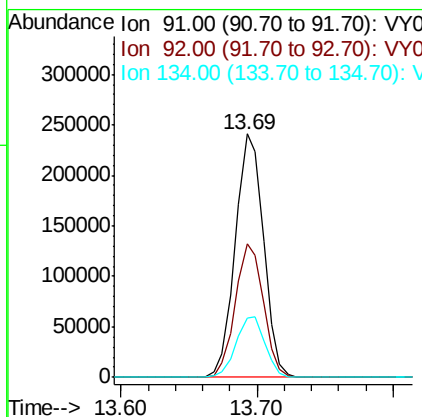
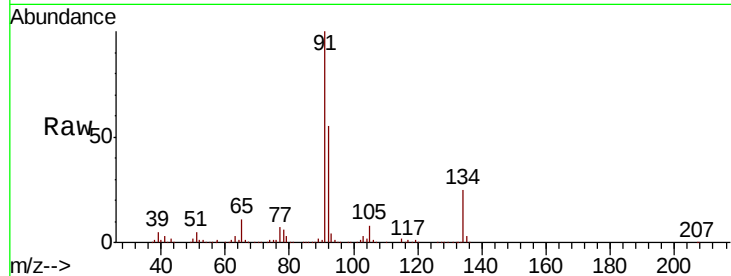
#89
n-Butylbenzene
Concen: 23.114 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.8	80.3
134	25.7	12.9	38.7

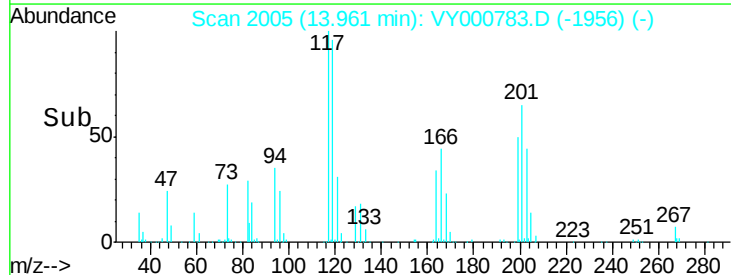
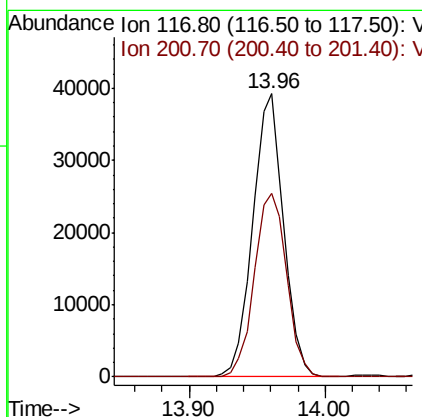
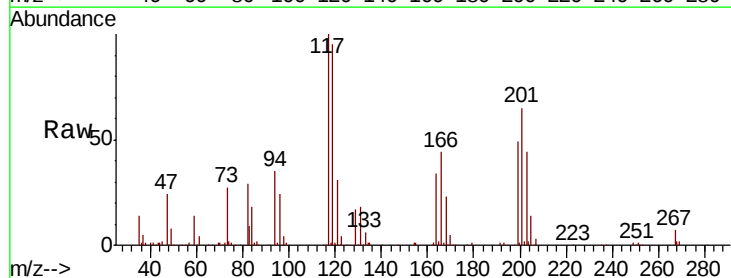
Manual Integrations
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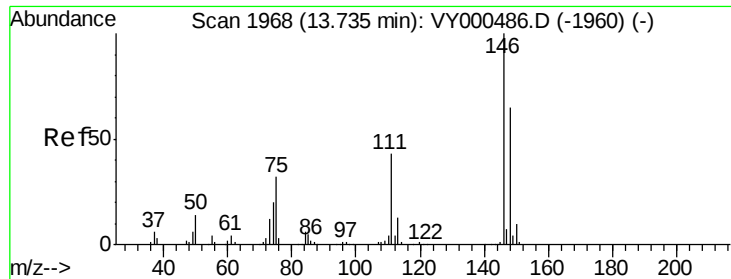
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#90
Hexachloroethane
Concen: 22.132 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.0	35.8	107.3





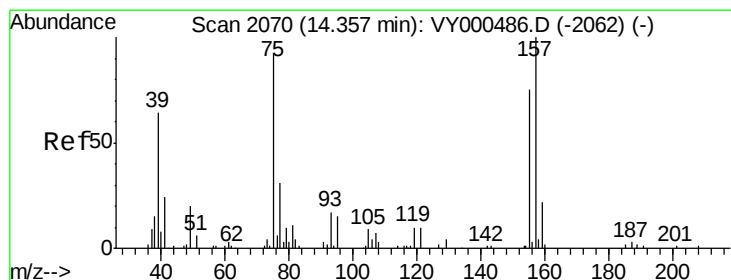
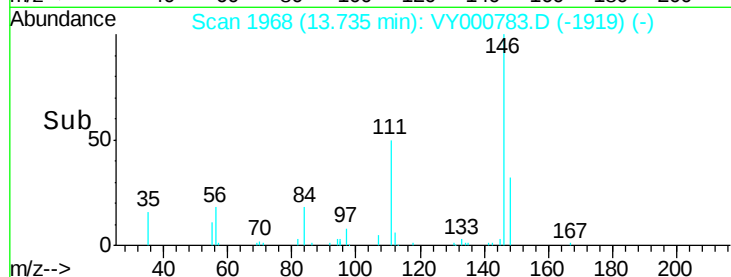
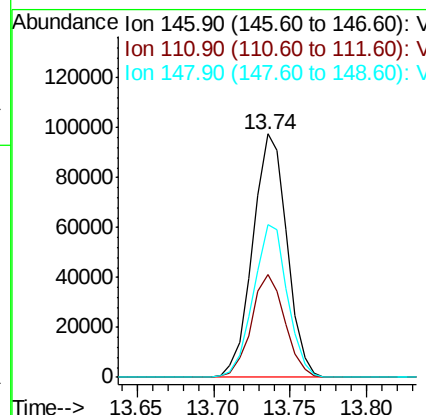
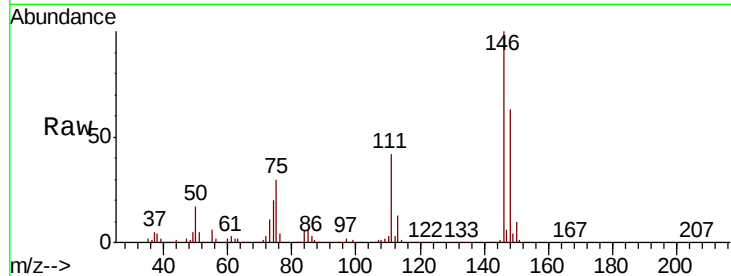
#91
 1,2-Dichlorobenzene
 Concen: 22.312 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	62.3	31.7	95.1

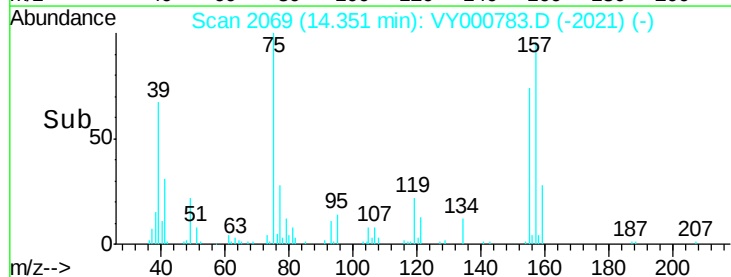
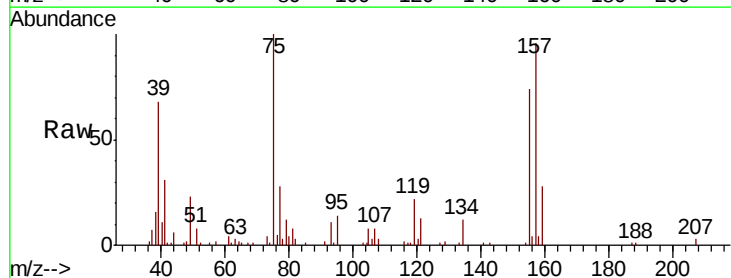
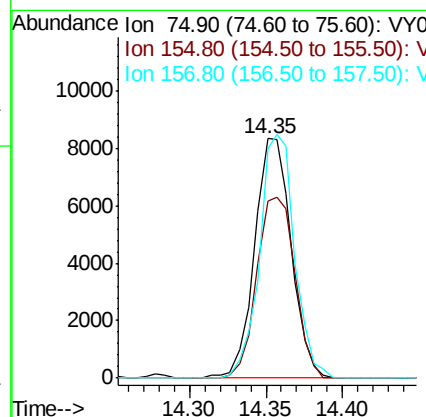
Manual Integrations
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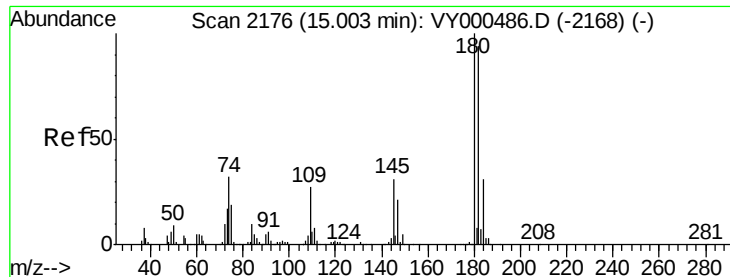
MMDadoda
 11/26/2019 1:33:57 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.423 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	42.4	127.1
157	97.4	55.1	165.3





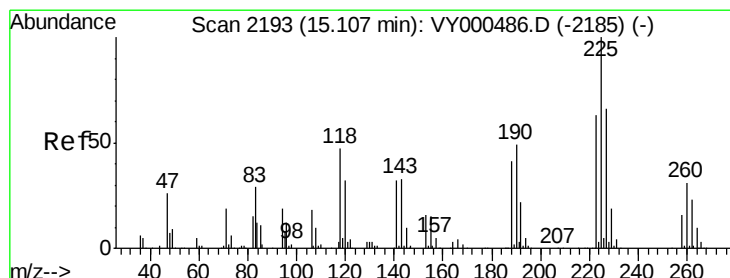
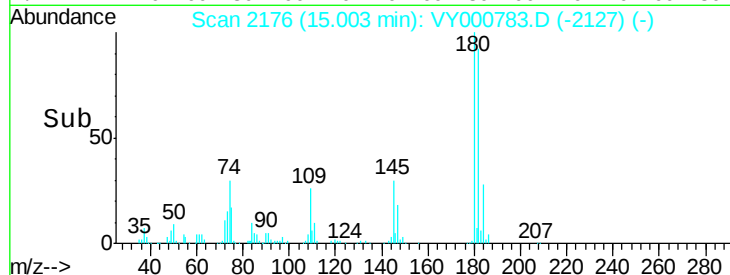
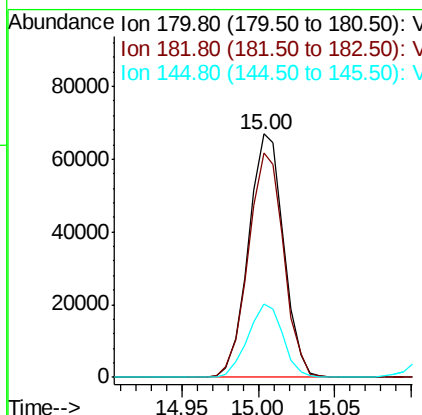
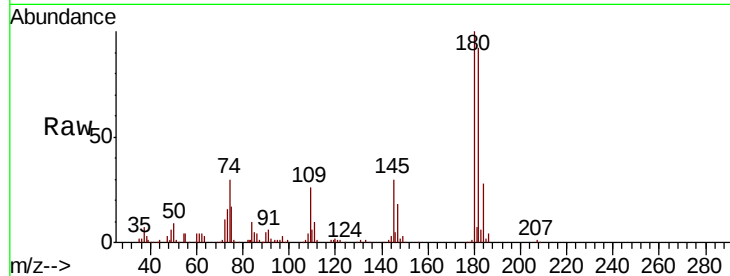
#93
 1,2,4-Trichlorobenzene
 Concen: 23.056 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106893		
182	92.6	47.8	143.4	
145	30.2	16.0	47.9	

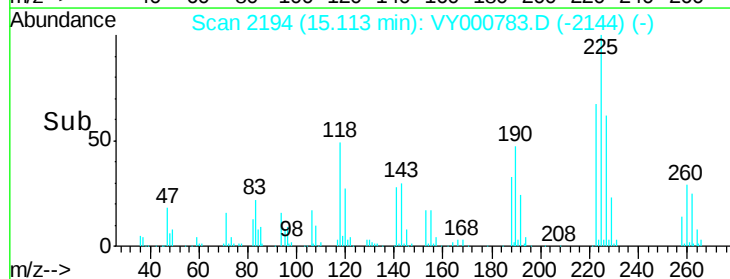
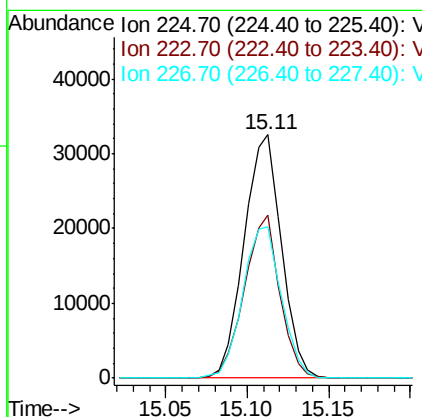
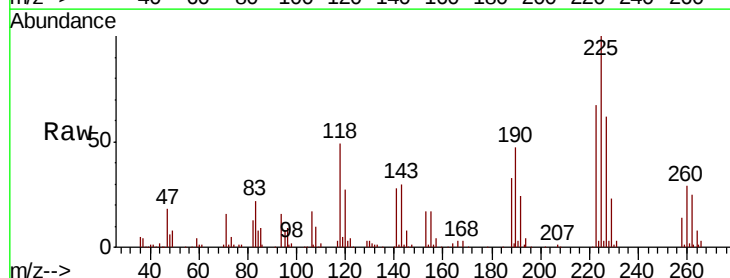
Manual Integrations
 APPROVED

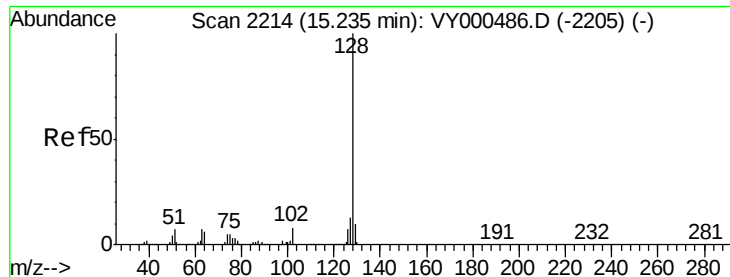
MMDadoda
 11/26/2019 1:33:57 AM



#94
 Hexachlorobutadiene
 Concen: 21.682 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51817		
223	63.5	31.3	93.8	
227	64.3	32.4	97.0	





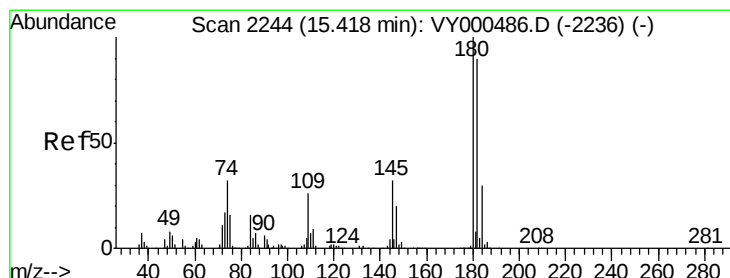
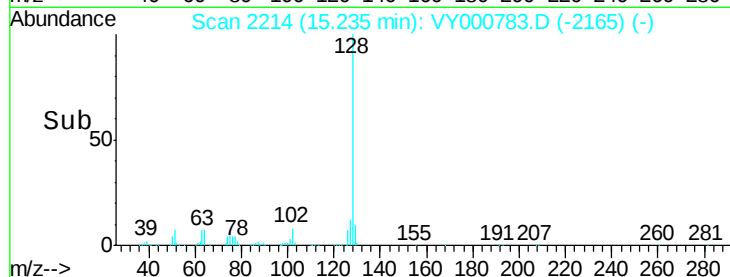
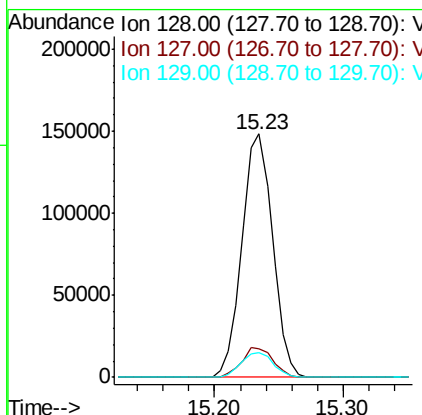
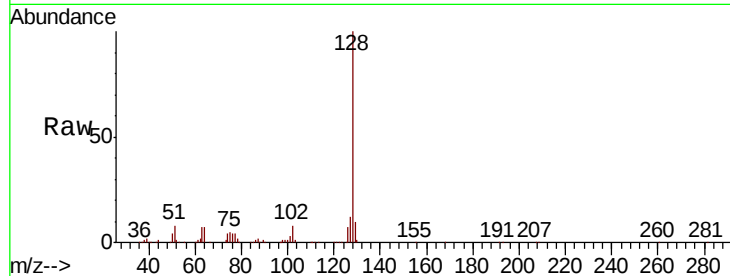
#95
Naphthalene
Concen: 23.698 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	243901		
127	12.5		9.8	14.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/26/2019 1:33:57 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.410 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89053		
182	99.4		47.4	142.3
145	34.0		15.7	47.0

