

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000151.D
 Acq On : 26 Sep 2019 14:33
 Operator : SY/MD
 Sample : VY0926SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:13:19 AM

Quant Time: Sep 26 14:56:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:28:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	193160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	318990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	277383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133343	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	81574	48.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.44%	
35) Dibromofluoromethane	7.72	113	83974	50.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.54%	
50) Toluene-d8	10.18	98	358256	50.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.48	95	119846	46.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	35720	23.890	ug/l	88
3) Chloromethane	2.11	50	47130	21.372	ug/l	92
4) Vinyl Chloride	2.25	62	52354	21.749	ug/l	100
5) Bromomethane	2.63	94	34735	21.399	ug/l	100
6) Chloroethane	2.78	64	31342	20.973	ug/l	95
7) Trichlorofluoromethane	3.11	101	64262	22.147	ug/l	97
8) Diethyl Ether	3.53	74	23195	20.050	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	40862	21.574	ug/l	99
10) Methyl Iodide	4.09	142	55410	18.974	ug/l	100
11) Tert butyl alcohol	4.97	59	16418	97.146	ug/l	95
12) 1,1-Dichloroethene	3.86	96	42635	21.465	ug/l	97
13) Acrolein	3.73	56	20573	98.022	ug/l	92
14) Allyl chloride	4.48	41	50868	20.466	ug/l	96
15) Acrylonitrile	5.17	53	51603	98.084	ug/l	99
16) Acetone	3.94	43	36185	84.327	ug/l	95
17) Carbon Disulfide	4.18	76	129978	21.096	ug/l	96
18) Methyl Acetate	4.49	43	22990	18.741	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	94461	20.089	ug/l	97
20) Methylene Chloride	4.71	84	54025	23.280	ug/l	93
21) trans-1,2-Dichloroethene	5.21	96	47296	21.372	ug/l	89
22) Diisopropyl ether	6.12	45	103462	19.807	ug/l	99
23) Vinyl Acetate	6.06	43	329745	100.729	ug/l	96
24) 1,1-Dichloroethane	6.01	63	65029	20.565	ug/l	96
25) 2-Butanone	6.99	43	62319	95.960	ug/l	99
26) 2,2-Dichloropropane	6.99	77	60245	20.953	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	50893	20.693	ug/l	98
28) Bromochloromethane	7.33	49	22444	18.630	ug/l	94
29) Tetrahydrofuran	7.36	42	38394	95.901	ug/l	98
30) Chloroform	7.51	83	67196	20.304	ug/l	92
31) Cyclohexane	7.78	56	70657	21.614	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	60826	20.961	ug/l	98
36) 1,1-Dichloropropene	7.92	75	55412	20.903	ug/l	98
37) Ethyl Acetate	7.08	43	27633	19.733	ug/l	95
38) Carbon Tetrachloride	7.90	117	54386	21.016	ug/l	98

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 ALS Vial : 12 Sample Multiplier: 1

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 ClientSampleID :
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Manual Integrations
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Quant Time: Sep 26 14:56:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:28:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	81784	21.752	ug/l	98
40) Benzene	8.16	78	175465	20.954	ug/l	97
41) Methacrylonitrile	7.31	41	11862	17.586	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	40925	20.087	ug/l	100
43) Isopropyl Acetate	8.28	43	51657	19.970	ug/l	97
44) Trichloroethene	8.94	130	54906	20.518	ug/l	92
45) 1,2-Dichloropropane	9.22	63	39071	21.151	ug/l	99
46) Dibromomethane	9.31	93	23509	20.853	ug/l	95
47) Bromodichloromethane	9.50	83	50884	20.024	ug/l	96
48) Methyl methacrylate	9.30	41	21833	18.849	ug/l	99
49) 1,4-Dioxane	9.30	88	7471	428.947	ug/l #	95
51) 4-Methyl-2-Pentanone	10.07	43	131673	98.071	ug/l	100
52) Toluene	10.24	92	113439	20.918	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	52827	19.791	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	63522	20.081	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	34390	20.516	ug/l	96
56) Ethyl methacrylate	10.51	69	43158	19.793	ug/l	99
57) 1,3-Dichloropropane	10.79	76	53754	19.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	100638	98.265	ug/l	100
59) 2-Hexanone	10.83	43	93886	98.387	ug/l	99
60) Dibromochloromethane	10.99	129	37368	19.720	ug/l	99
61) 1,2-Dibromoethane	11.09	107	32935	20.589	ug/l	96
64) Tetrachloroethene	10.72	164	55468	20.186	ug/l	98
65) Chlorobenzene	11.52	112	121622	21.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	39070	20.030	ug/l	94
67) Ethyl Benzene	11.59	91	204562	20.731	ug/l	98
68) m/p-Xylenes	11.70	106	164900	41.339	ug/l	98
69) o-Xylene	12.03	106	79075	20.785	ug/l	98
70) Styrene	12.04	104	129692	20.144	ug/l	98
71) Bromoform	12.20	173	23537	20.534	ug/l #	97
73) Isopropylbenzene	12.33	105	202482	21.047	ug/l	98
74) N-amyl acetate	12.14	43	45228	19.422	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	30674	20.483	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	22802m	16.991	ug/l	
77) Bromobenzene	12.61	156	49985	21.031	ug/l	97
78) n-propylbenzene	12.67	91	242487	21.144	ug/l	98
79) 2-Chlorotoluene	12.75	91	131200	21.025	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	166647	20.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	13538	20.104	ug/l	99
82) 4-Chlorotoluene	12.85	91	137152	21.095	ug/l	98
83) tert-Butylbenzene	13.07	119	151153	21.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	168930	20.887	ug/l	98
85) sec-Butylbenzene	13.25	105	207925	21.014	ug/l	100
86) p-Isopropyltoluene	13.36	119	188720	21.418	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	93633	20.561	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	92996	20.515	ug/l	100
89) n-Butylbenzene	13.69	91	175161	20.918	ug/l	98
90) Hexachloroethane	13.95	117	35485	21.317	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	86373	20.759	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5682	19.230	ug/l	97

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Sample : VY0926SBSD01
Misc : 5.00µ/5.00ml/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBSD01

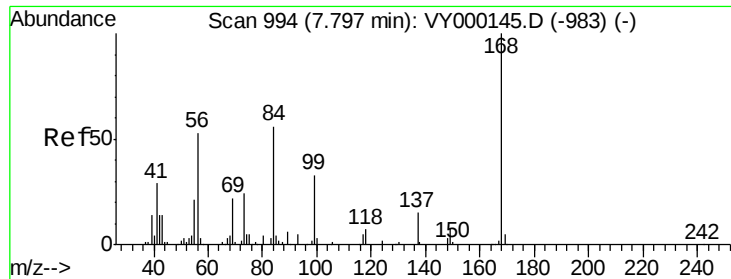
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:28:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	61436	21.282	ug/l	99
94) Hexachlorobutadiene	15.11	225	31331	22.244	ug/l	98
95) Naphthalene	15.23	128	131392	20.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	55328	21.370	ug/l	99

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



#1

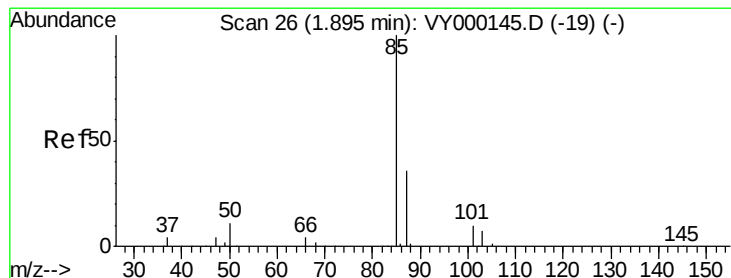
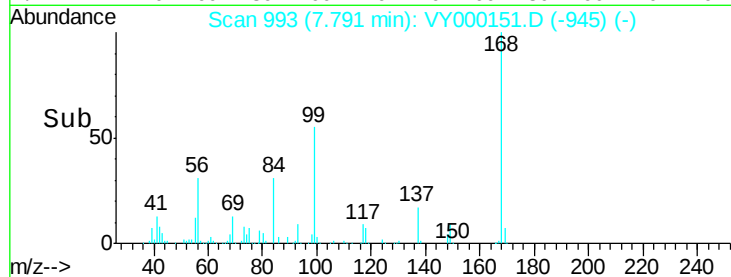
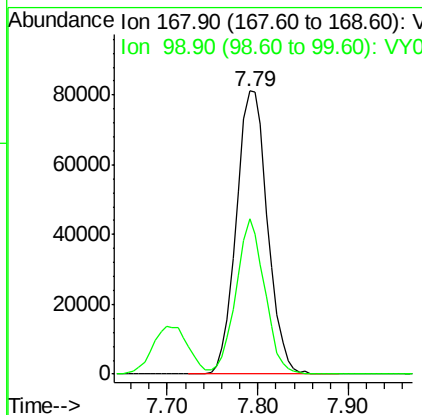
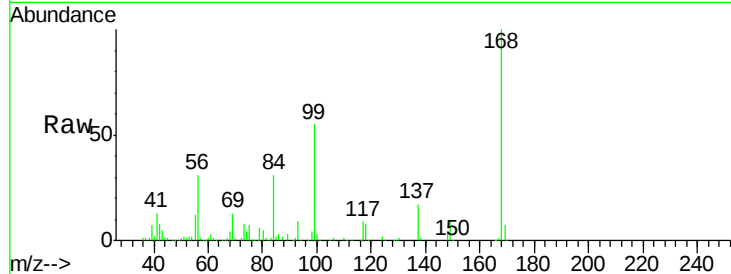
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.1	37.9	56.9

Manual Integrations
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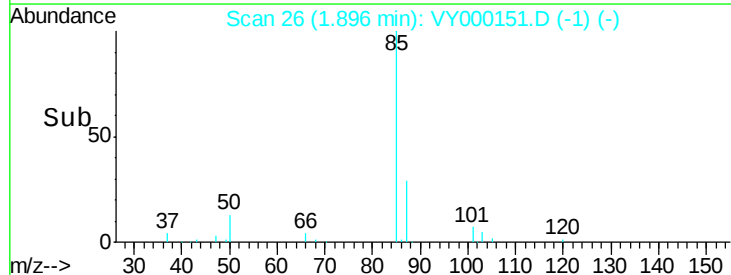
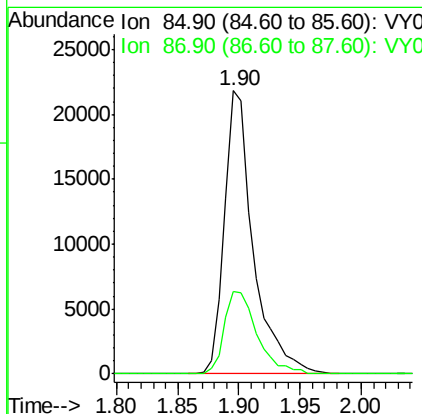
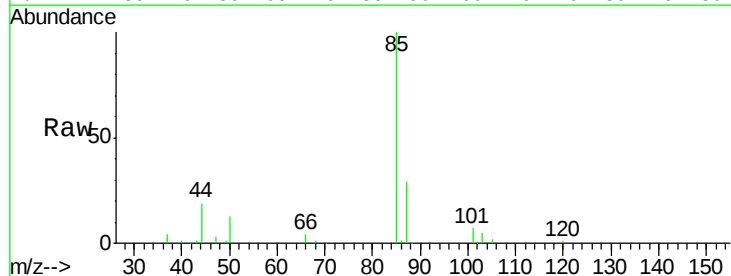
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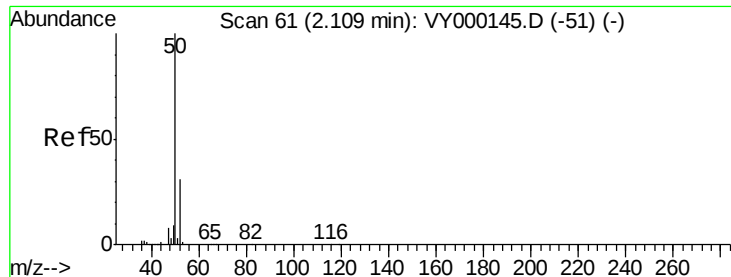


#2

Dichlorodifluoromethane
 Concen: 23.890 ug/l
 RT: 1.90 min Scan# 26
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.1	17.9	53.8





#3

Chloromethane

Concen: 21.372 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 50 Resp: 47130

Ion Ratio Lower Upper

50 100

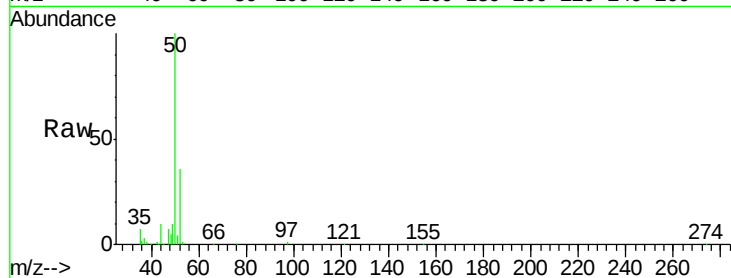
52 35.8 25.0 37.6

Manual Integrations

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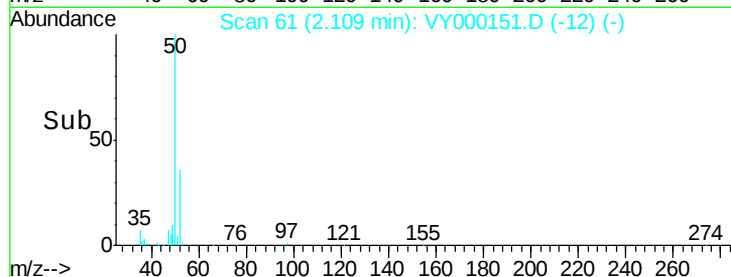


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

Time-->



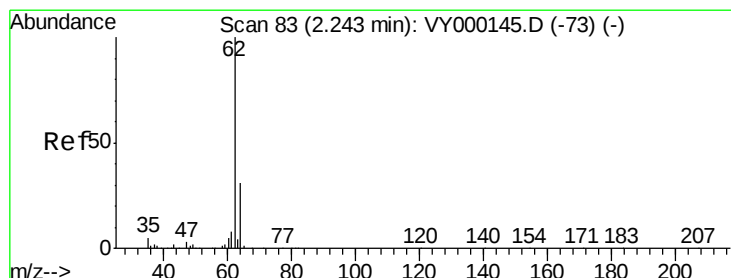
Abundance

Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

Time-->



#4

Vinyl Chloride

Concen: 21.749 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.01 min

Lab File: VY000151.D

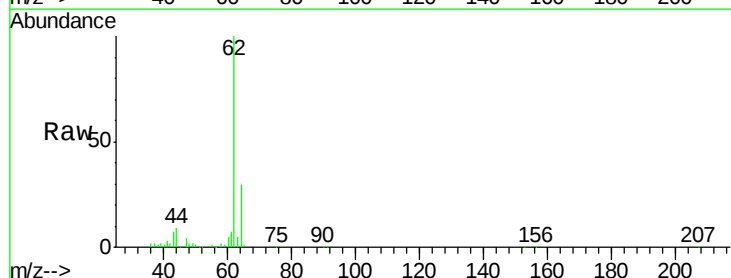
Acq: 26 Sep 2019 14:33

Tgt Ion: 62 Resp: 52354

Ion Ratio Lower Upper

62 100

64 30.4 24.5 36.7

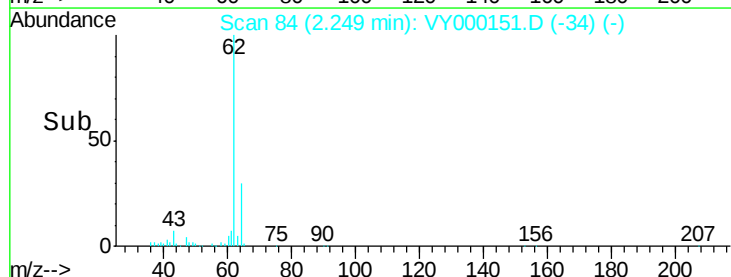


Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

Time-->



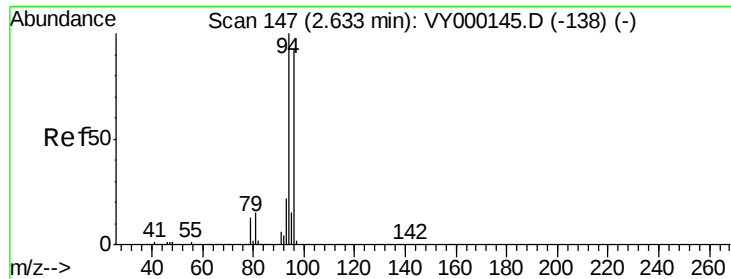
Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

Time-->



#5

Bromomethane

Concen: 21.399 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 94 Resp: 34735

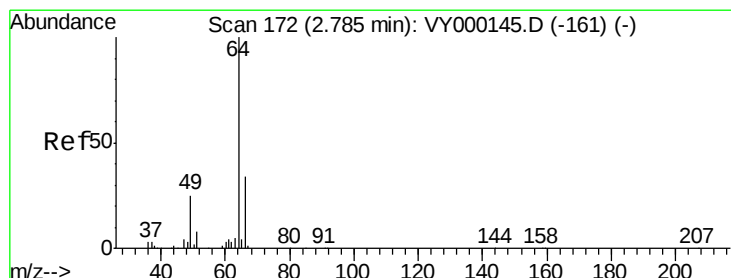
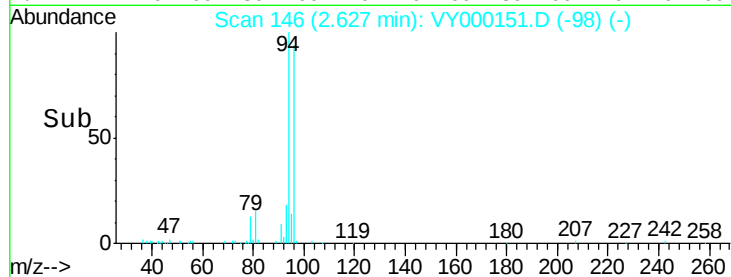
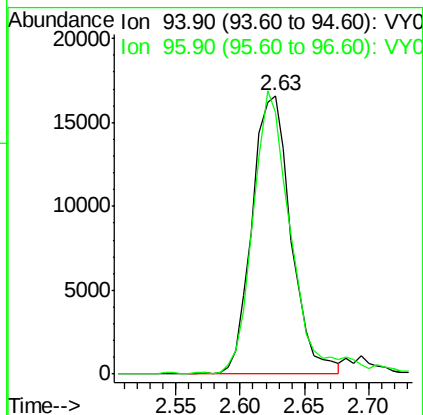
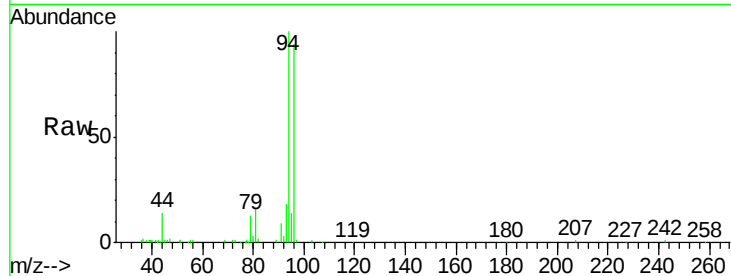
Ion Ratio Lower Upper

94 100

96 93.7 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 20.973 ug/l

RT: 2.78 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000151.D

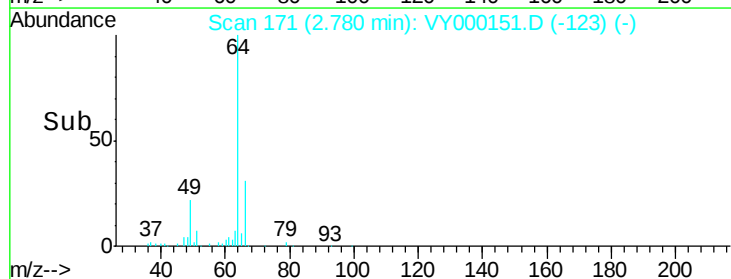
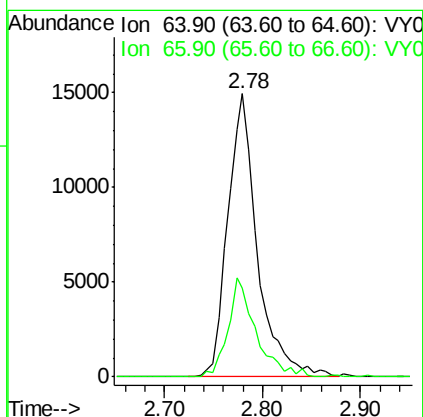
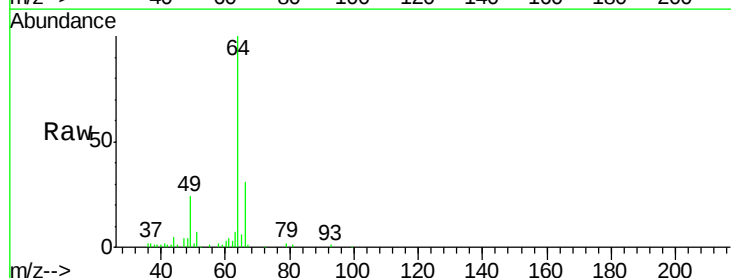
Acq: 26 Sep 2019 14:33

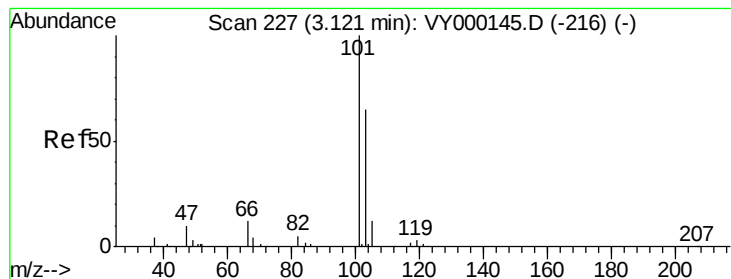
Tgt Ion: 64 Resp: 31342

Ion Ratio Lower Upper

64 100

66 31.3 27.4 41.0





#7

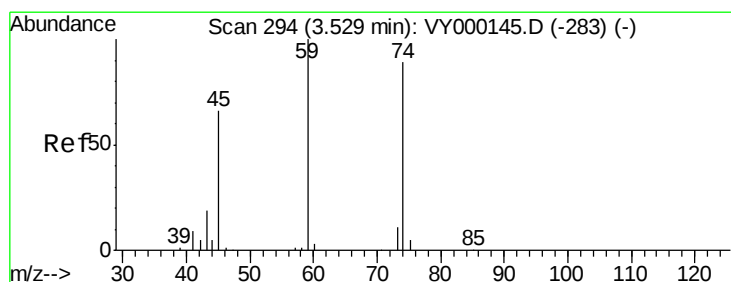
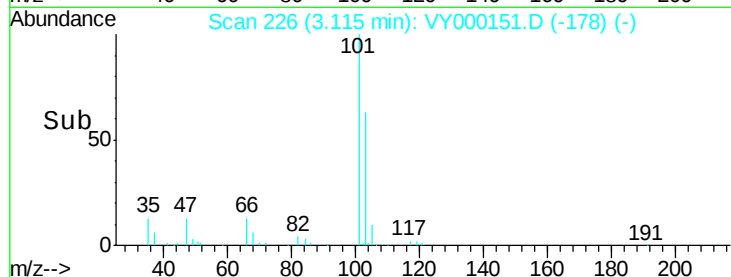
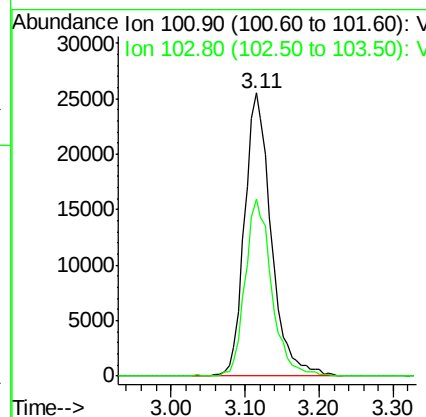
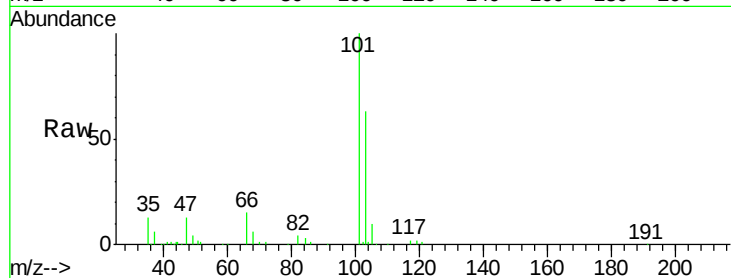
Trichlorofluoromethane
 Concen: 22.147 ug/l
 RT: 3.11 min Scan# 226
 Delta R.T. -0.01 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.9	77.9

Manual Integrations
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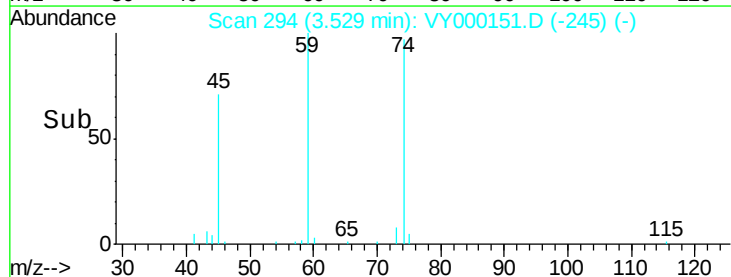
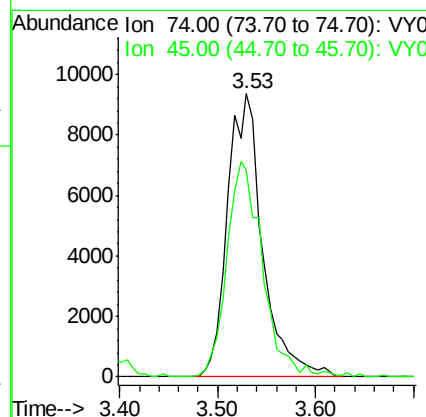
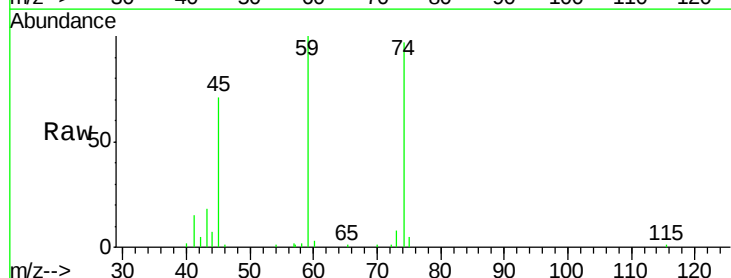
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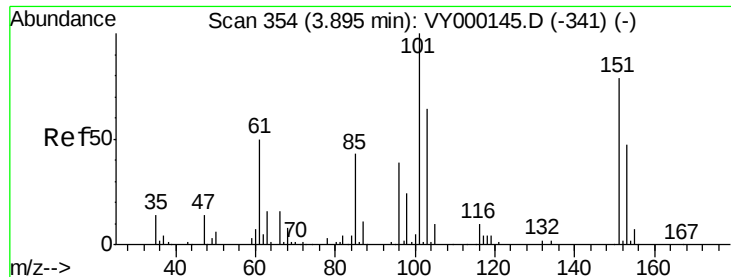


#8

Diethyl Ether
 Concen: 20.050 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	77.1	37.7	113.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.574 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

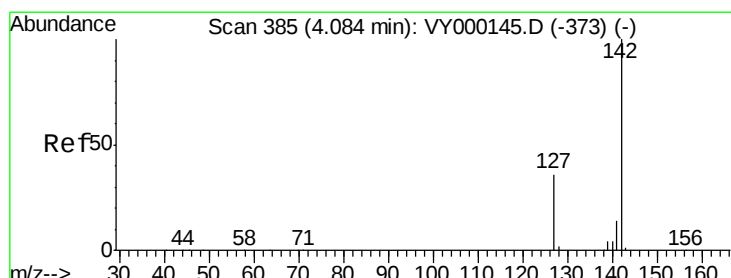
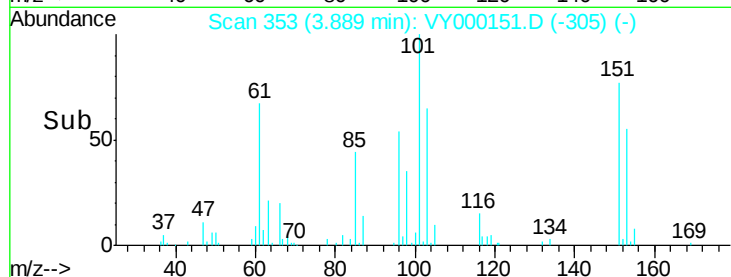
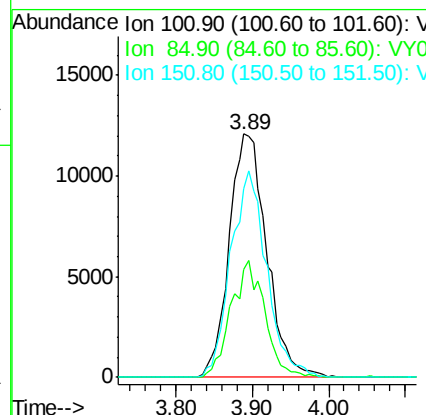
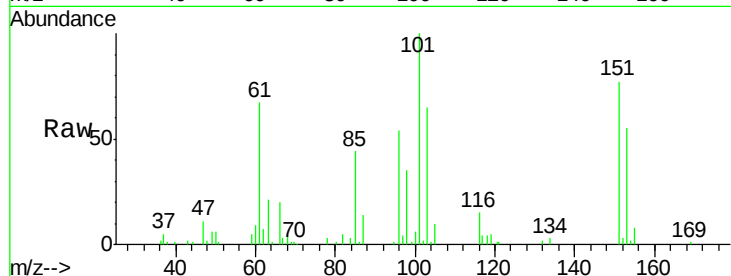
ClientSampleId :

VY0926SBS01

Tot Ion:	101	Resp:	40862
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.8	52.2
151	81.7	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 18.974 ug/l

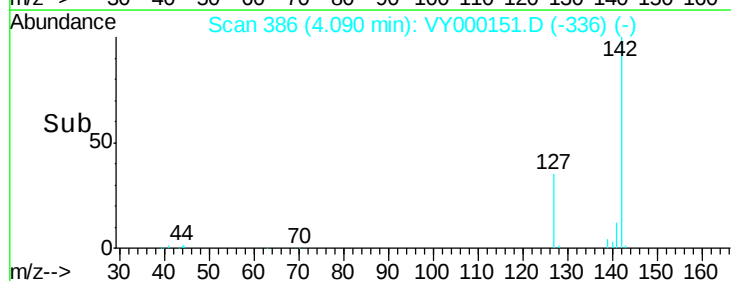
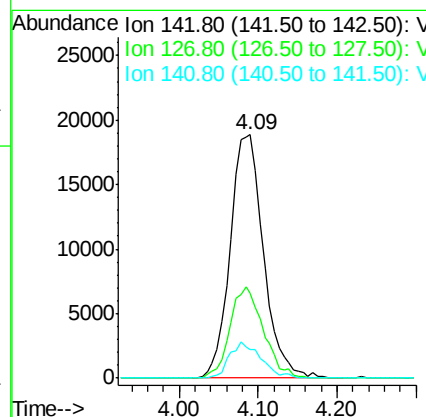
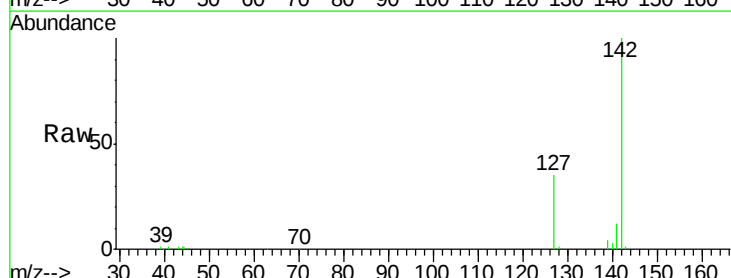
RT: 4.09 min Scan# 386

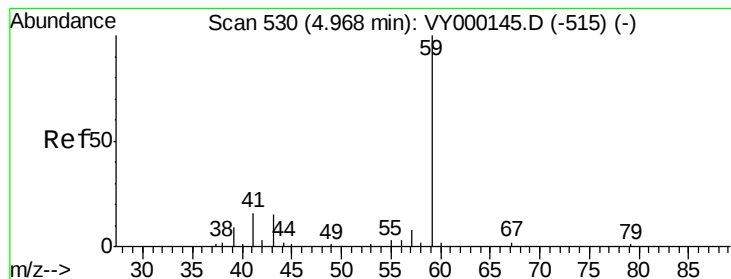
Delta R.T. 0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Tgt Ion:	142	Resp:	55410
Ion Ratio	Lower	Upper	
142	100		
127	37.7	30.0	45.0
141	14.1	11.0	16.6





#11

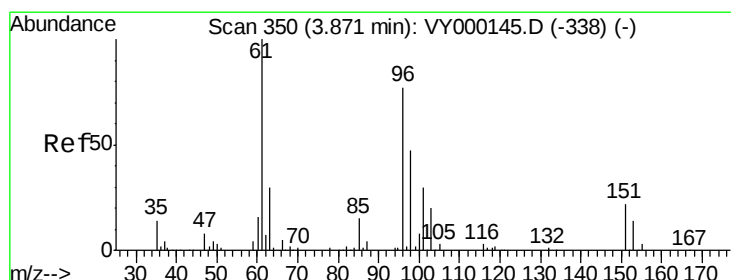
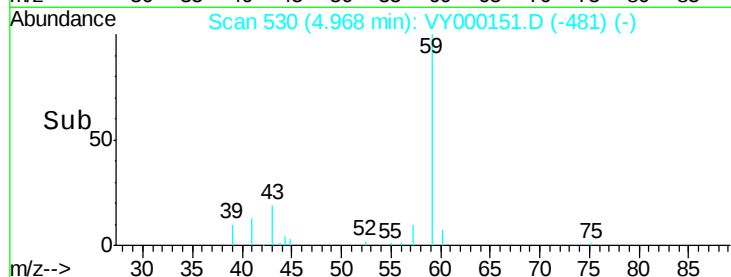
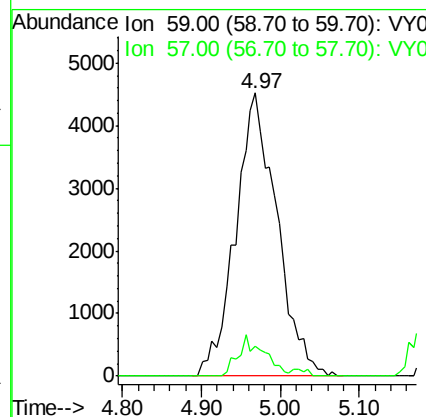
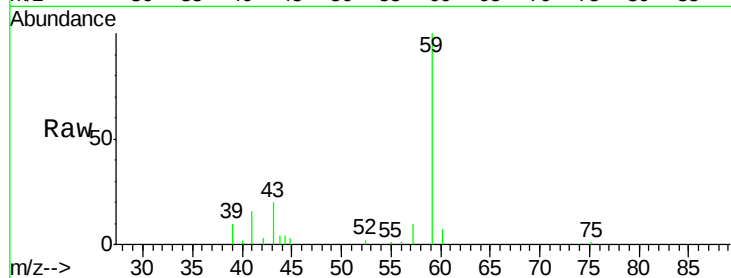
Tert butyl alcohol
 Concen: 97.146 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	16418		
57	9.1		8.9	13.3

Manual Integrations
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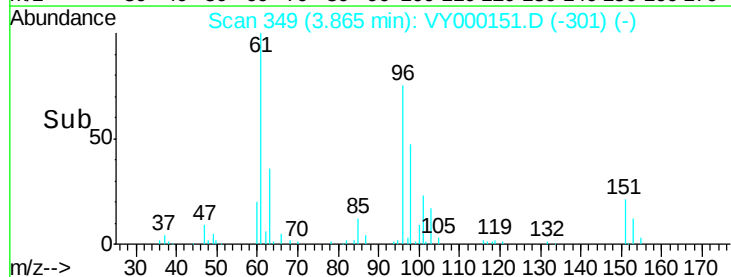
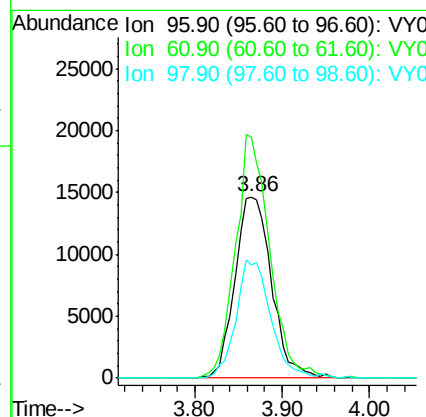
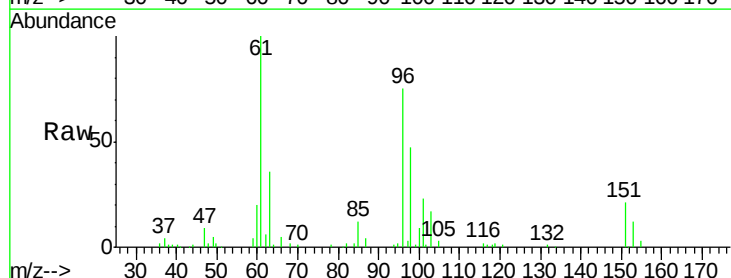
MMDadoda
 10/2/2019 9:13:19 AM

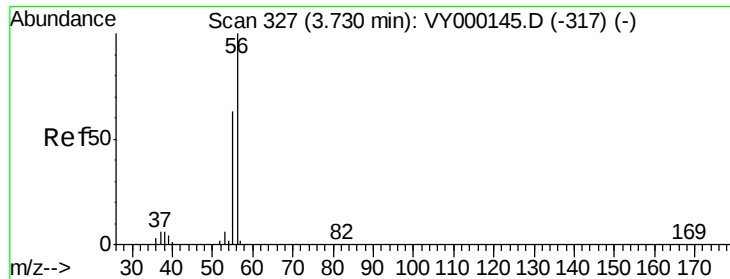


#12

1,1-Dichloroethene
 Concen: 21.465 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	42635		
61	132.7		103.6	155.4
98	62.6		48.7	73.1





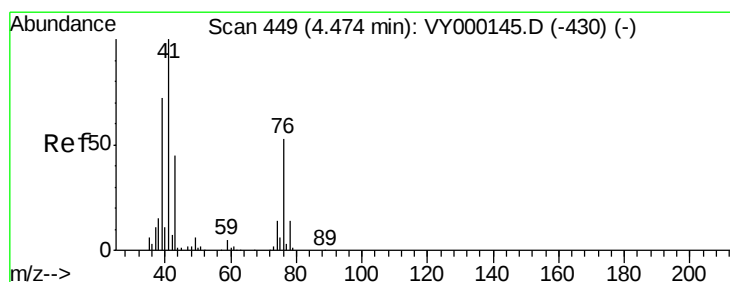
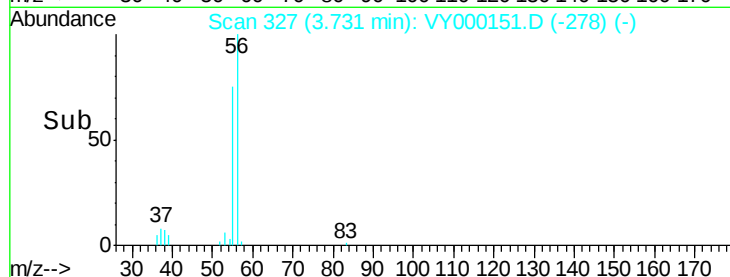
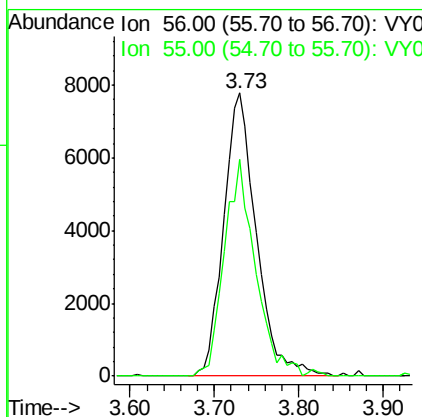
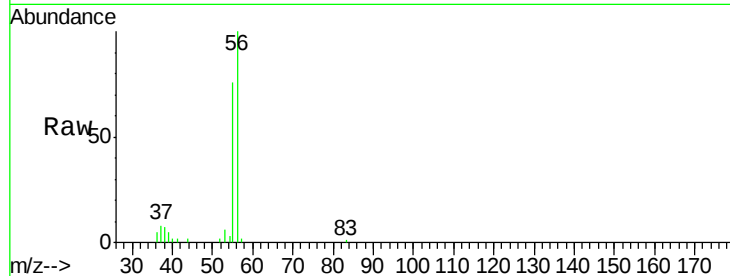
#13
Acrolein
Concen: 98.022 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion: 56 Resp: 20573
Ion Ratio Lower Upper
56 100
55 73.0 53.1 79.7

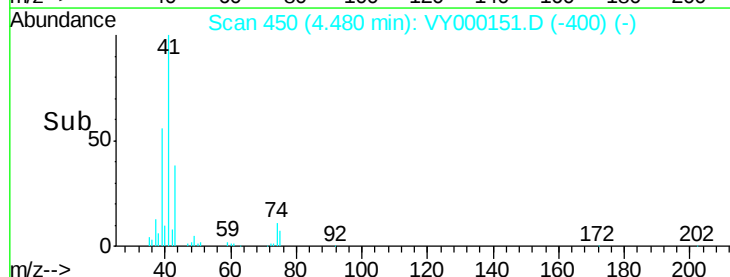
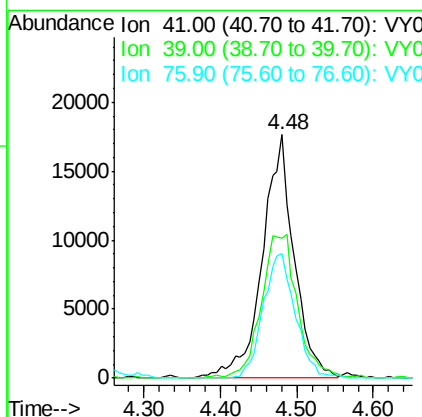
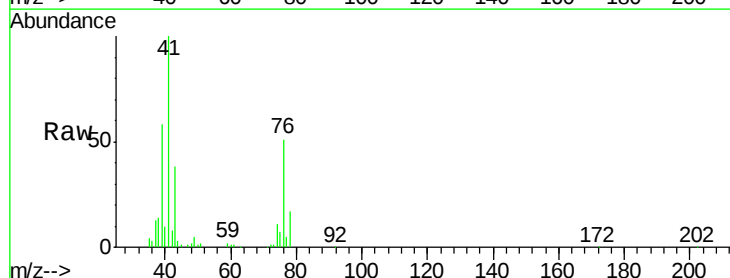
Manual Integrations
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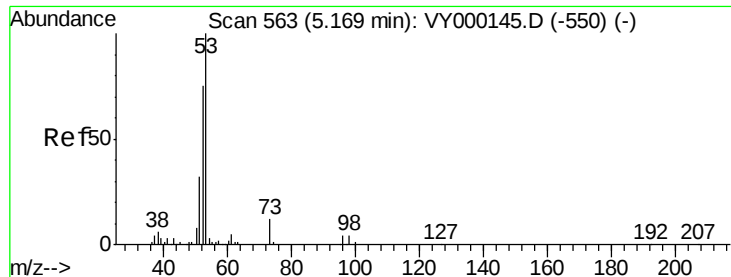
MMDadoda
10/2/2019 9:13:19 AM



#14
Allyl chloride
Concen: 20.466 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion: 41 Resp: 50868
Ion Ratio Lower Upper
41 100
39 65.7 54.6 82.0
76 51.9 39.0 58.6





#15

Acrylonitrile

Concen: 98.084 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

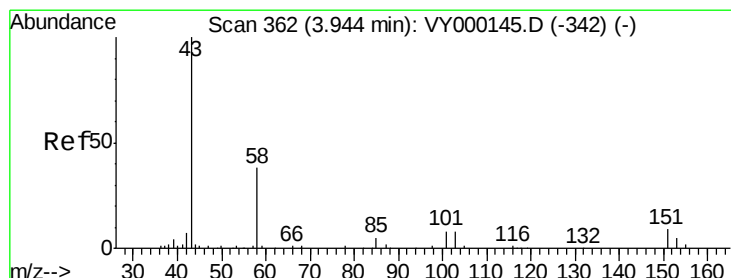
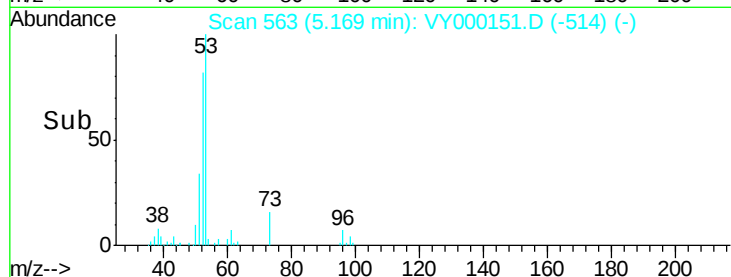
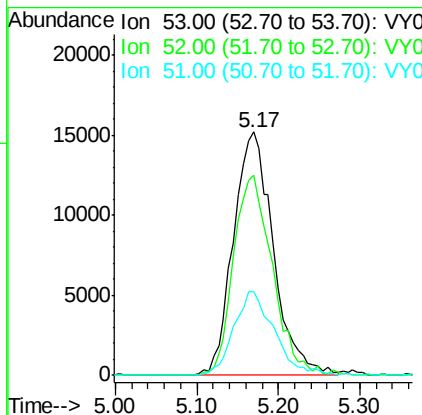
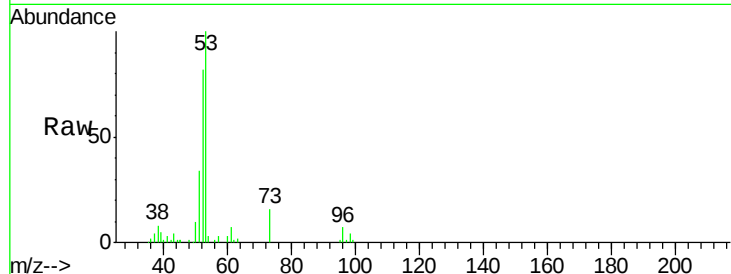
ClientSampleId :

VY0926SBS01

Tot Ion:	53	Resp:	51603
Ion Ratio	Lower	Upper	
53	100		
52	79.7	62.9	94.3
51	34.5	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 84.327 ug/l

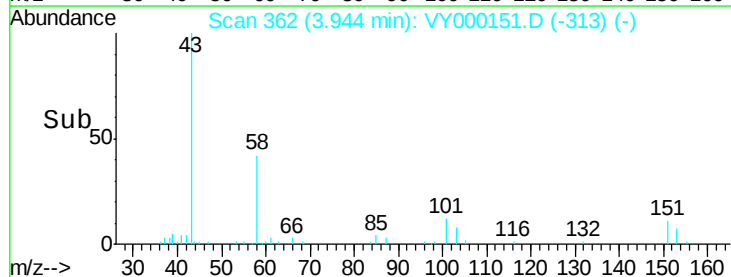
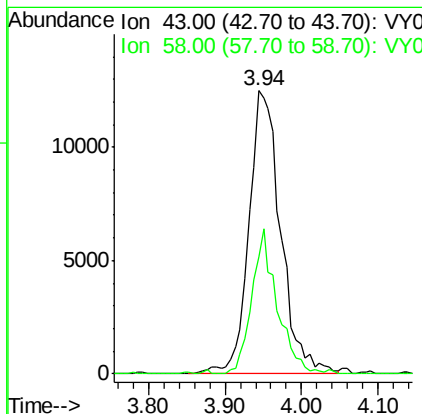
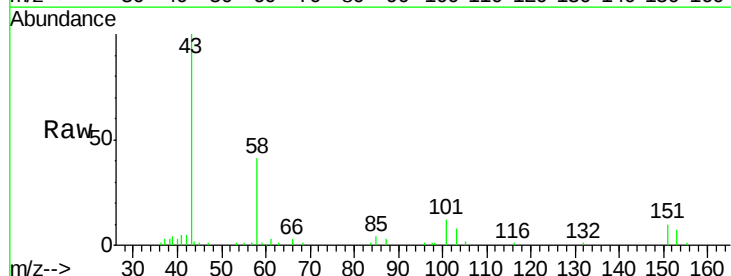
RT: 3.94 min Scan# 362

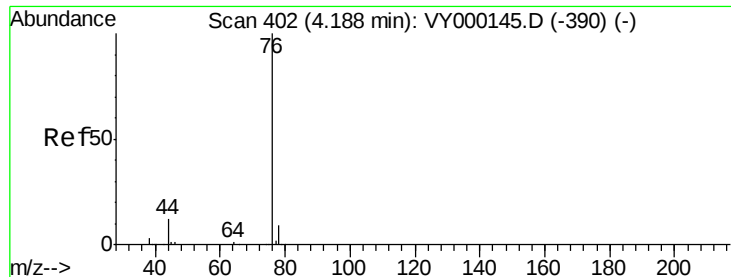
Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Tgt Ion:	43	Resp:	36185
Ion Ratio	Lower	Upper	
43	100		
58	41.2	30.4	45.6





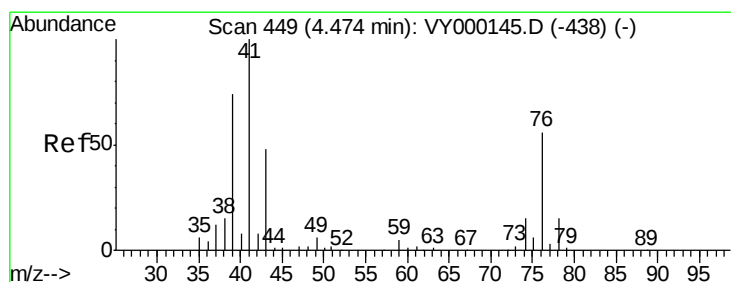
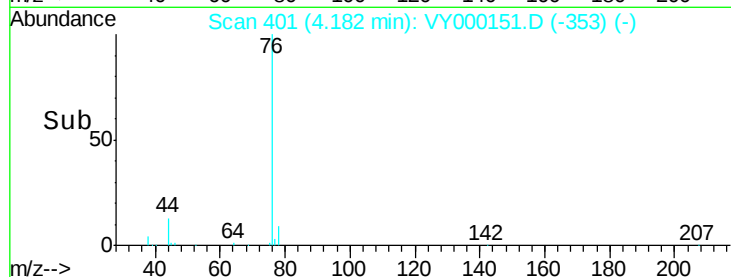
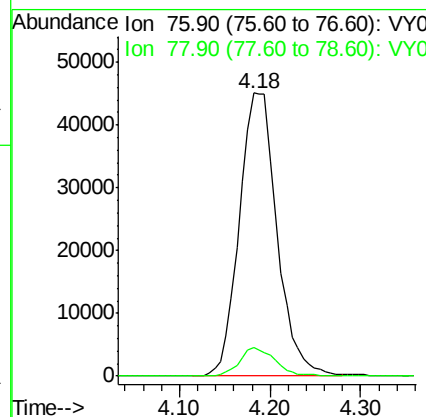
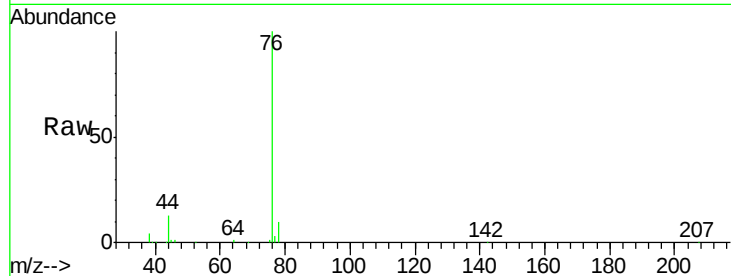
#17
Carbon Disulfide
Concen: 21.096 ug/l
RT: 4.18 min Scan# 401
Delta R.T. -0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.0	10.4

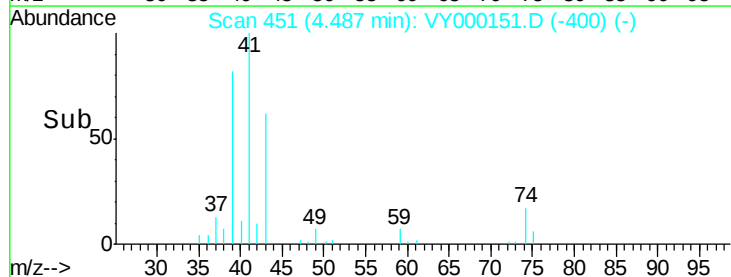
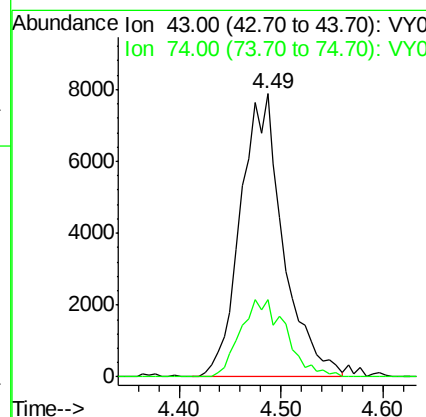
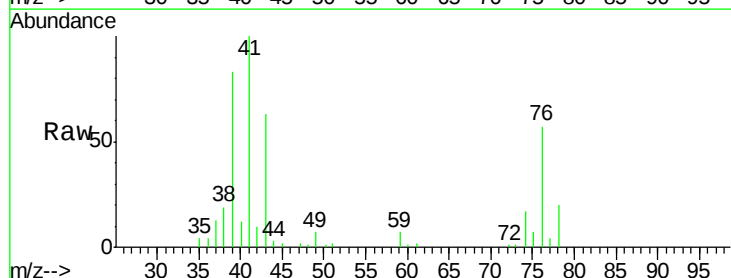
Manual Integrations
APPROVED

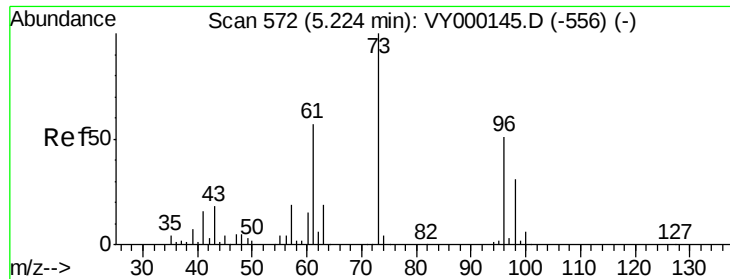
MMDadoda
10/2/2019 9:13:19 AM



#18
Methyl Acetate
Concen: 18.741 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.2	25.6	38.4





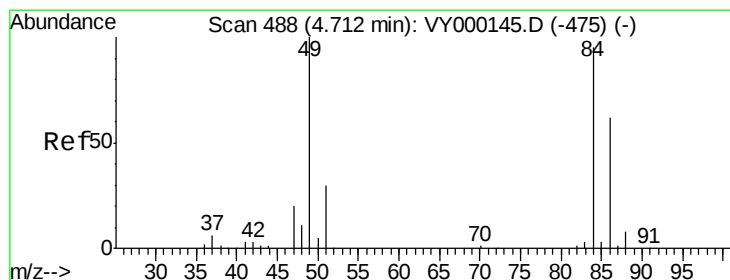
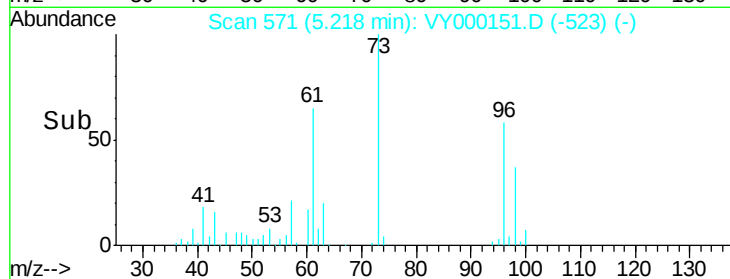
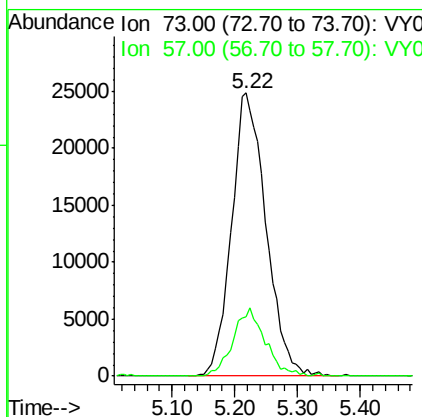
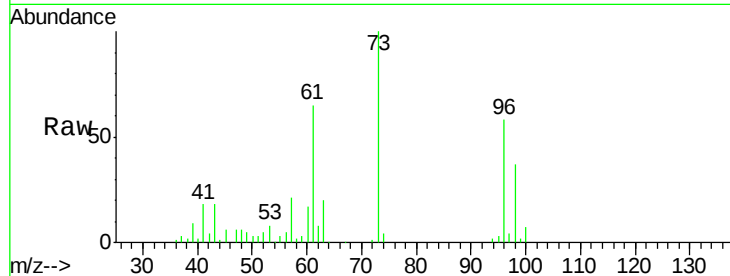
#19
Methyl tert-butyl Ether
Concen: 20.089 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion: 73 Resp: 94461
Ion Ratio Lower Upper
73 100
57 21.0 15.5 23.3

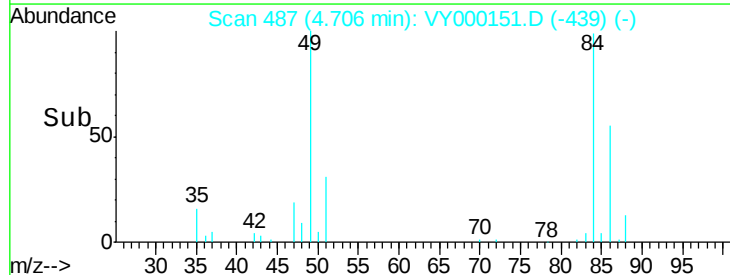
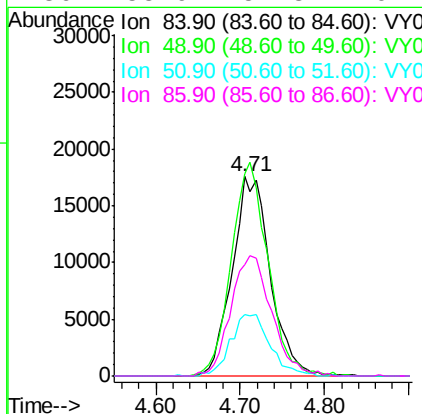
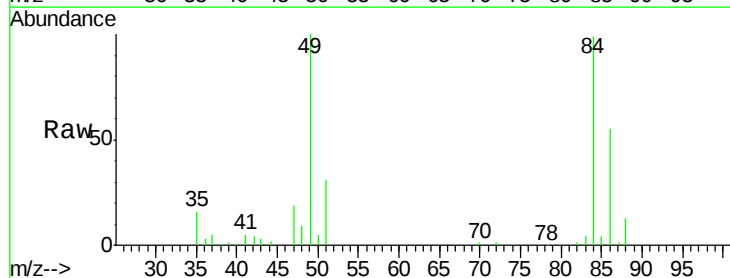
Manual Integrations
APPROVED

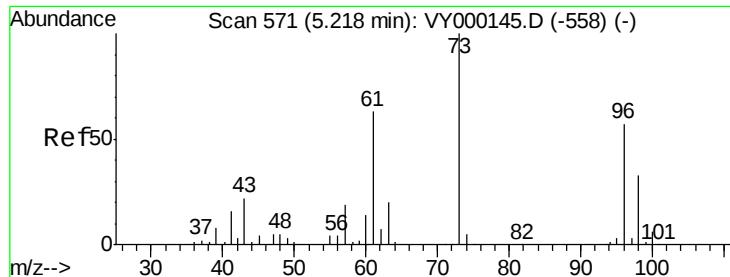
MMDadoda
10/2/2019 9:13:19 AM



#20
Methylene Chloride
Concen: 23.280 ug/l
RT: 4.71 min Scan# 487
Delta R.T. -0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion: 84 Resp: 54025
Ion Ratio Lower Upper
84 100
49 101.3 84.6 126.8
51 30.9 25.4 38.2
86 55.9 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 21.372 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 96 Resp: 47296

Ion Ratio Lower Upper

96 100

61 96.8 88.0 132.0

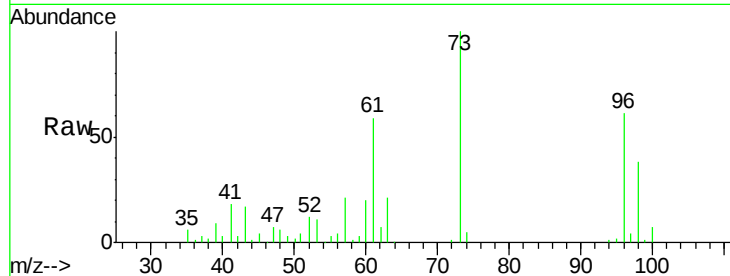
98 62.1 45.6 68.4

Manual Integrations

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MMDadoda

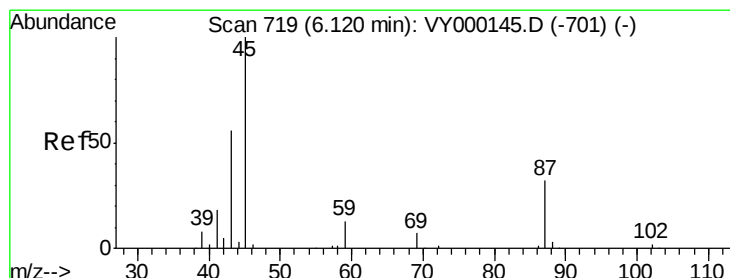
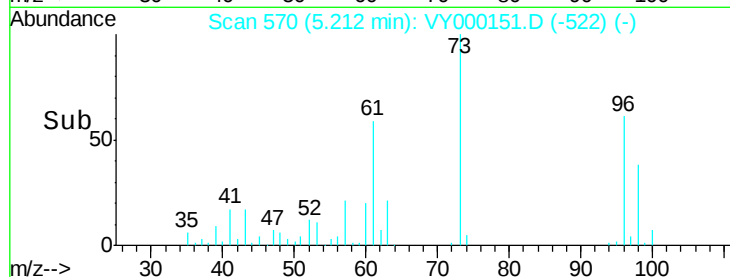
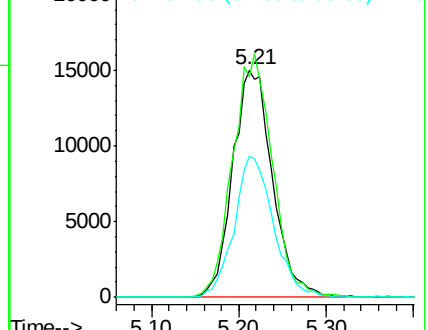
10/2/2019 9:13:19 AM



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: 19.807 ug/l

RT: 6.12 min Scan# 719

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Tgt Ion: 45 Resp: 103462

Ion Ratio Lower Upper

45 100

43 60.4 48.4 72.6

87 34.8 26.6 39.8

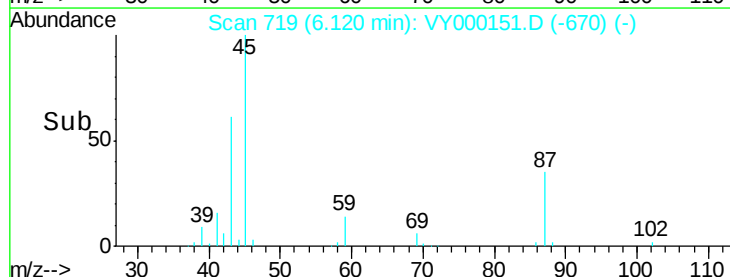
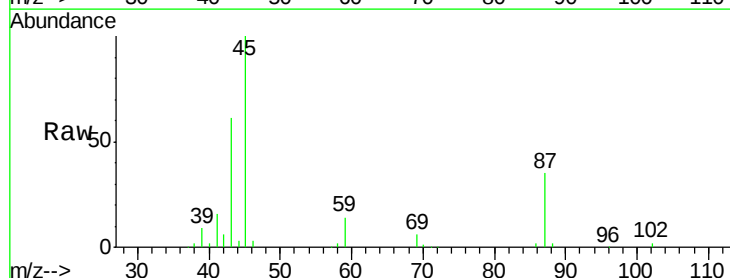
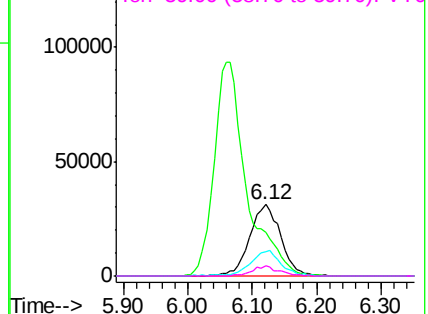
59 14.0 10.5 15.7

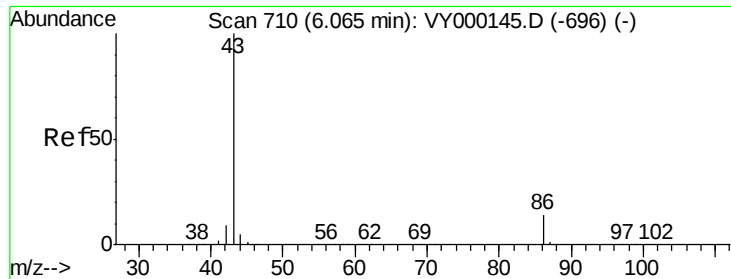
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 100.729 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 43 Resp: 329745

Ion Ratio Lower Upper

43 100

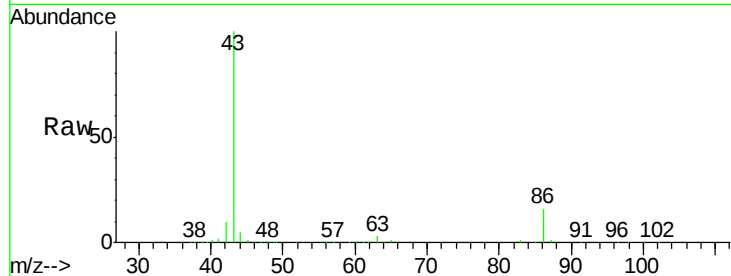
86 15.5 11.1 16.7

Manual Integrations

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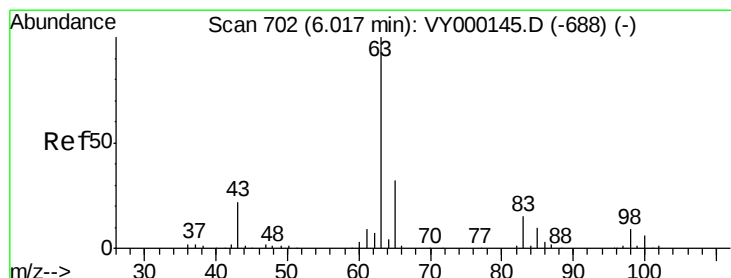
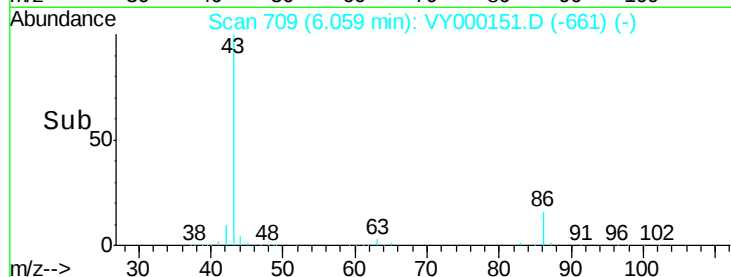
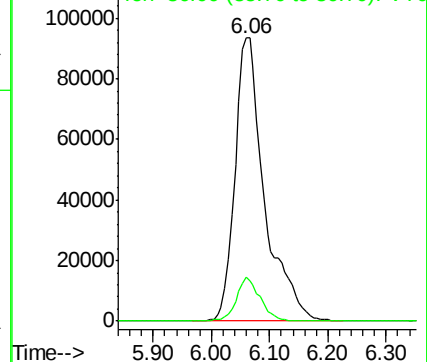
MMDadoda

10/2/2019 9:13:19 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.565 ug/l

RT: 6.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

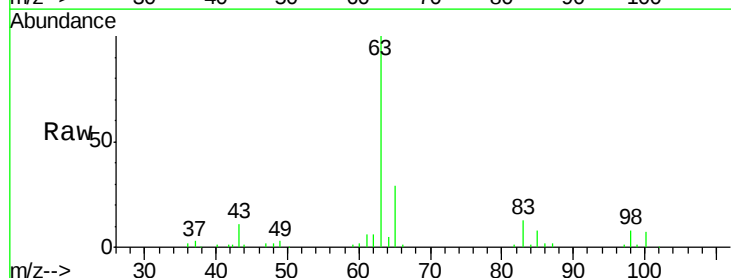
Tgt Ion: 63 Resp: 65029

Ion Ratio Lower Upper

63 100

98 7.7 4.6 13.8

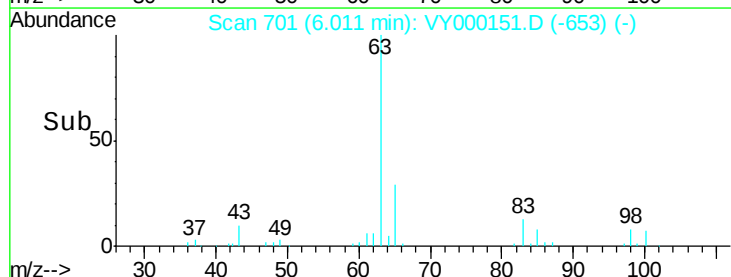
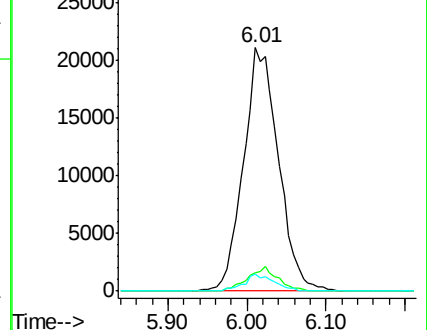
100 6.8 2.8 8.4

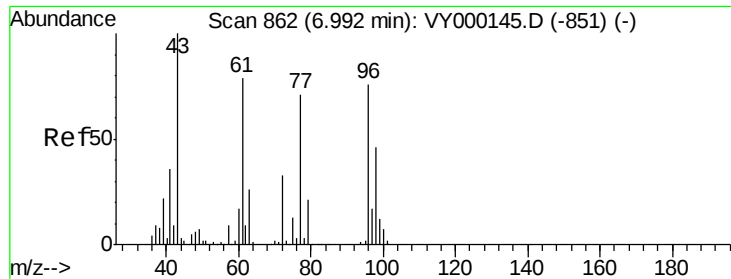


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 95.960 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 43 Resp: 62319

Ion Ratio Lower Upper

43 100

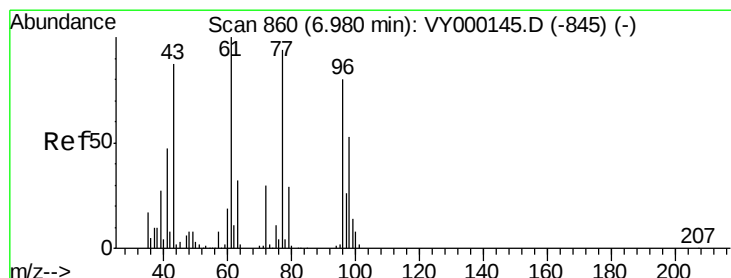
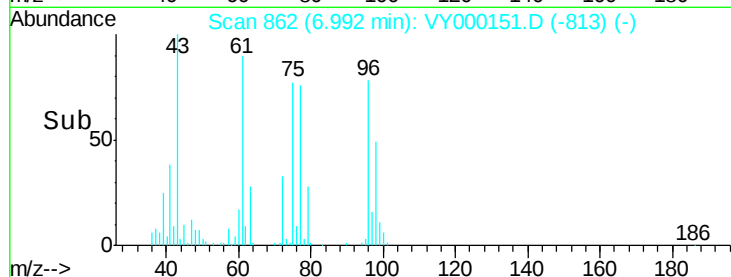
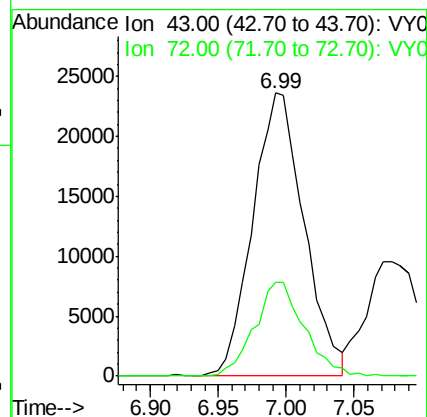
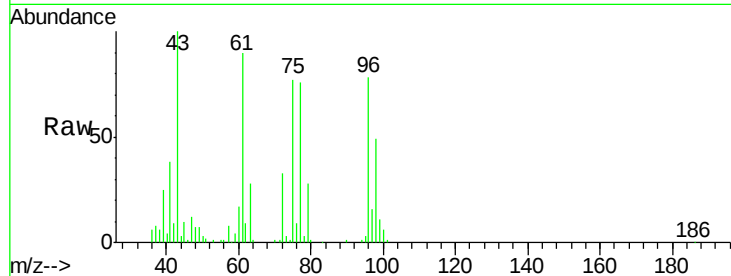
72 33.0 26.8 40.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.953 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.01 min

Lab File: VY000151.D

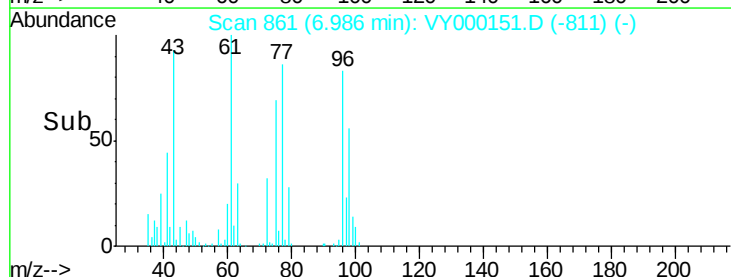
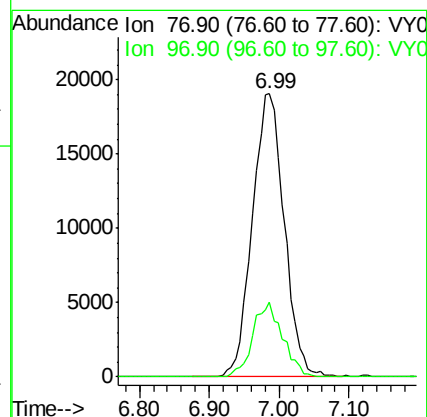
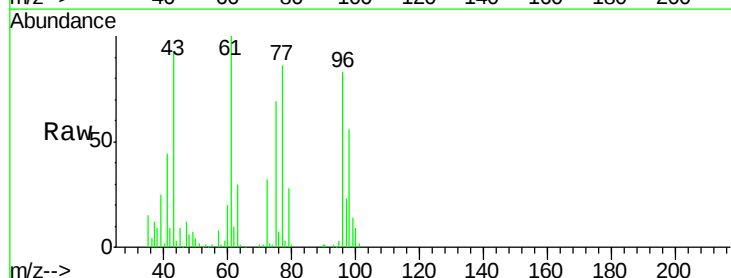
Acq: 26 Sep 2019 14:33

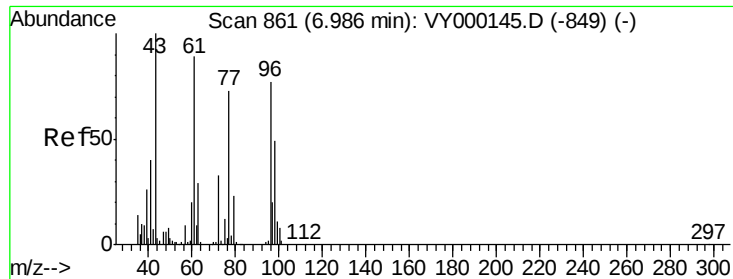
Tgt Ion: 77 Resp: 60245

Ion Ratio Lower Upper

77 100

97 24.6 13.0 38.9





#27

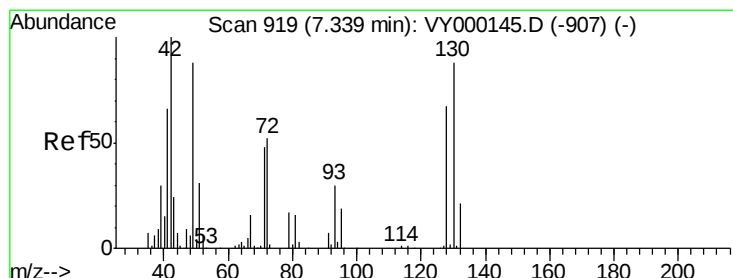
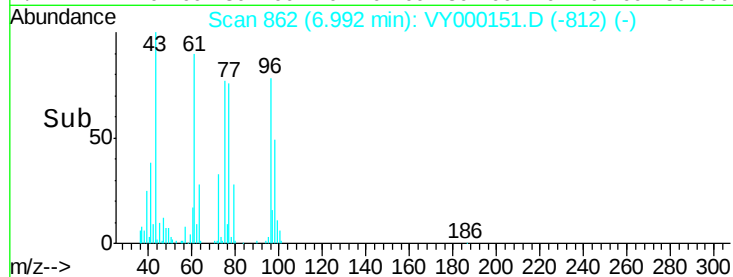
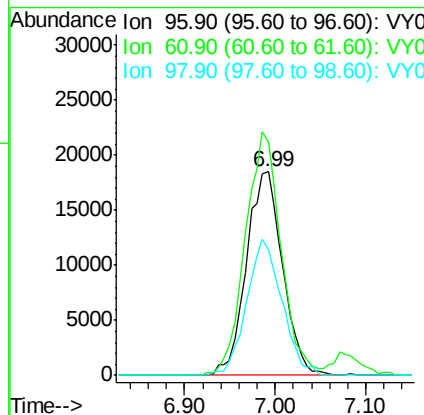
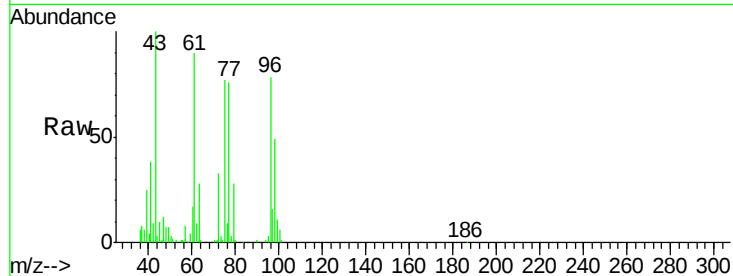
cis-1,2-Dichloroethene
Concen: 20.693 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.4	0.0	232.8
98	65.5	0.0	128.8

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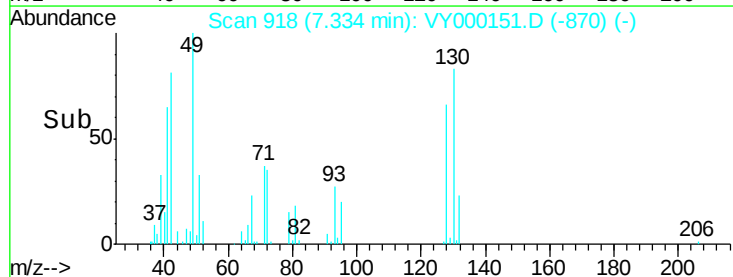
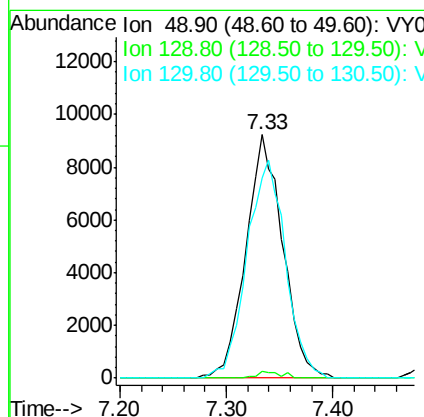
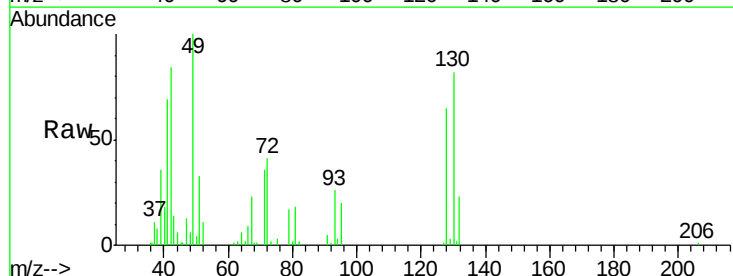
MMDadoda
10/2/2019 9:13:19 AM

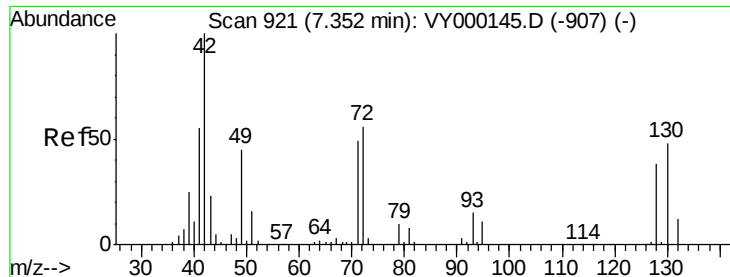


#28

Bromochloromethane
Concen: 18.630 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	93.5	79.5	119.3





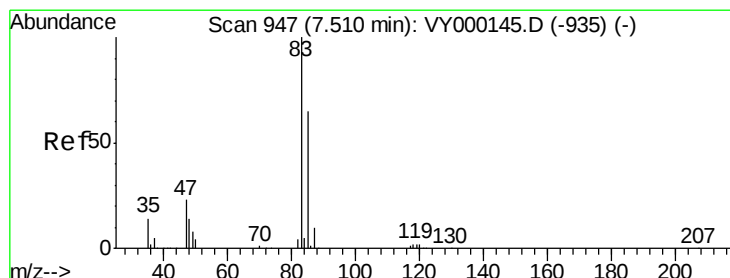
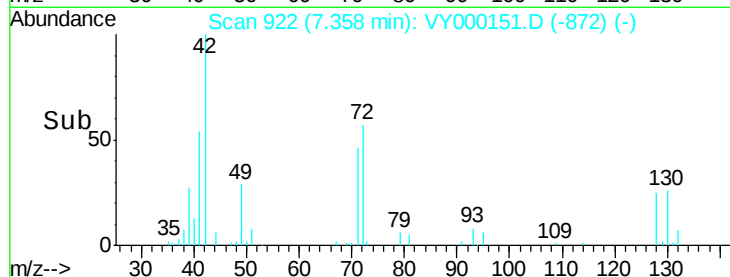
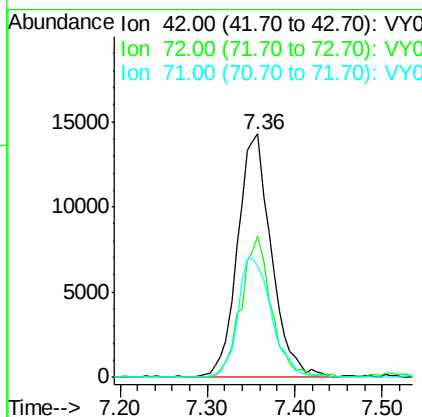
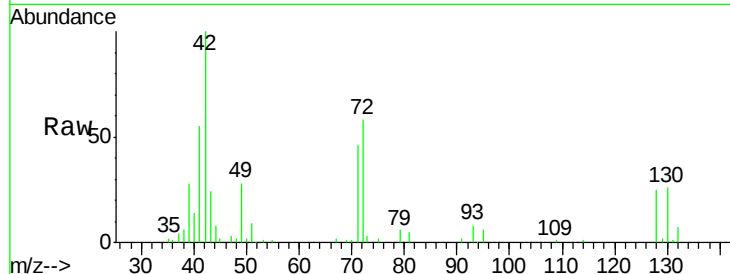
#29
Tetrahydrofuran
Concen: 95.901 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	43.1	64.7
71	48.7	39.4	59.2

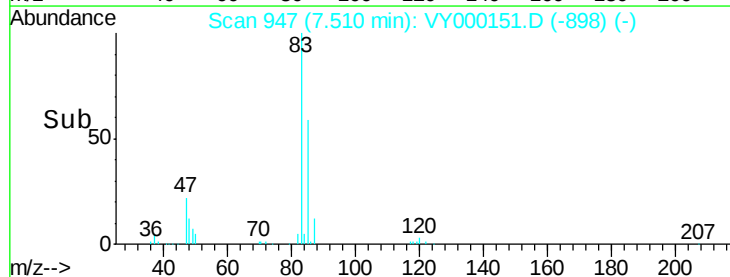
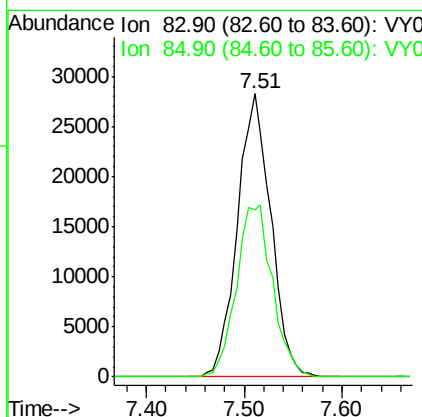
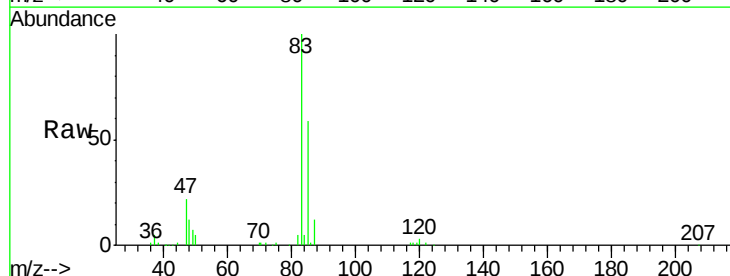
Manual Integrations
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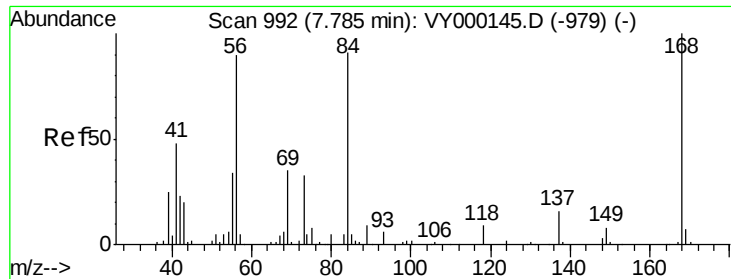
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#30
Chloroform
Concen: 20.304 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.0	52.4	78.6





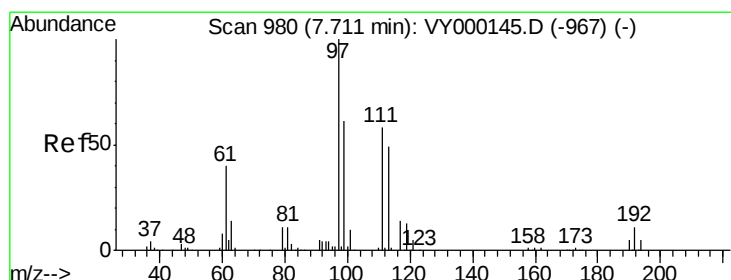
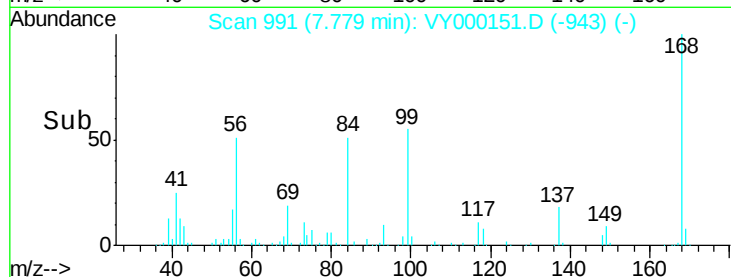
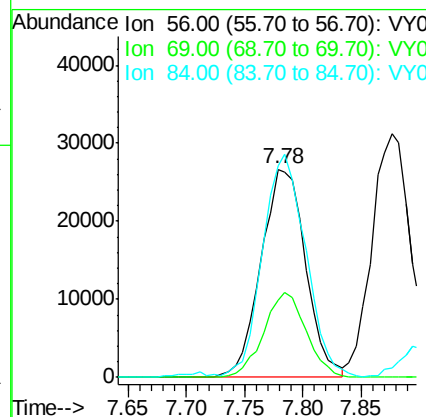
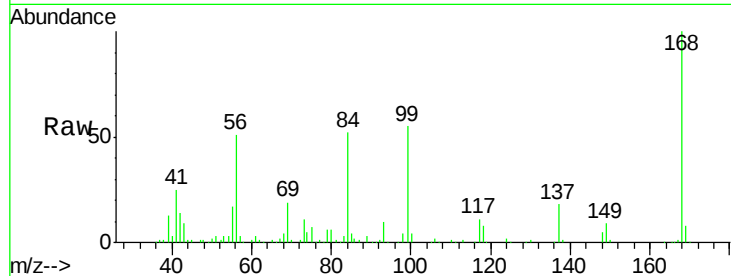
#31
Cyclohexane
Concen: 21.614 ug/l
RT: 7.78 min Scan# 991
Delta R.T. -0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.7	31.1	46.7
84	100.0	80.5	120.7

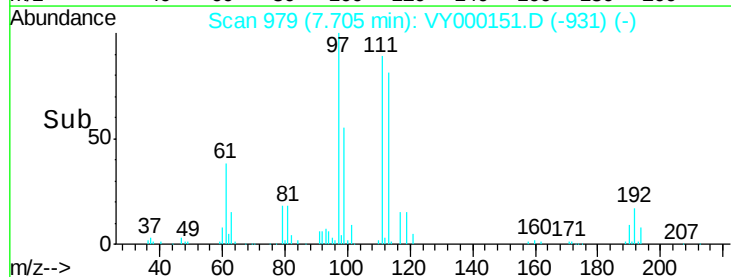
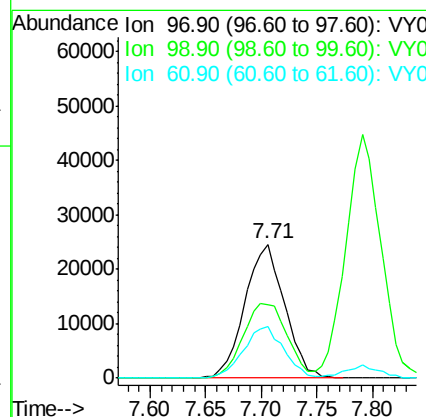
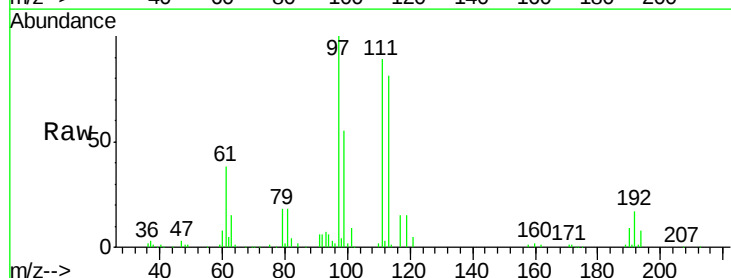
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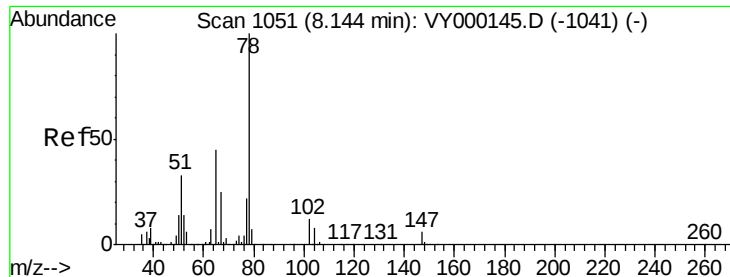
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#32
1,1,1-Trichloroethane
Concen: 20.961 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.5	75.7
61	39.3	32.9	49.3





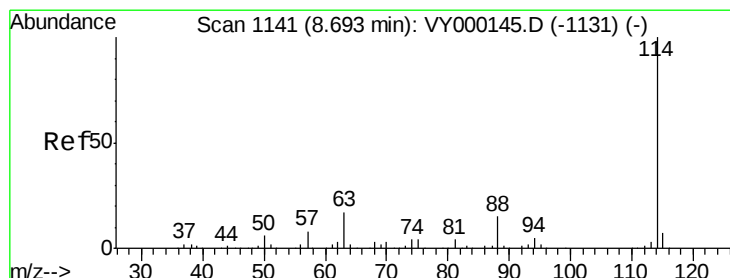
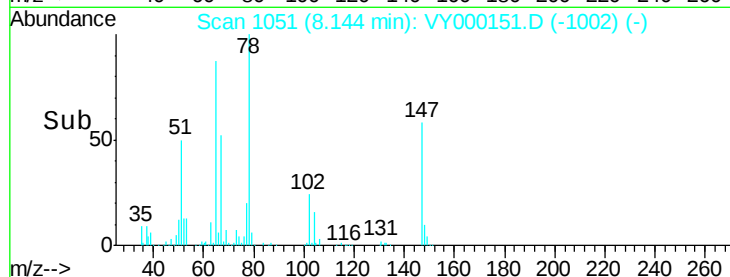
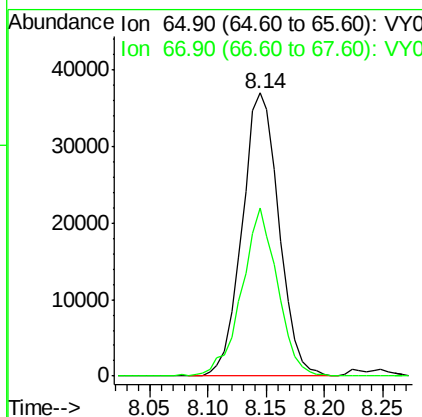
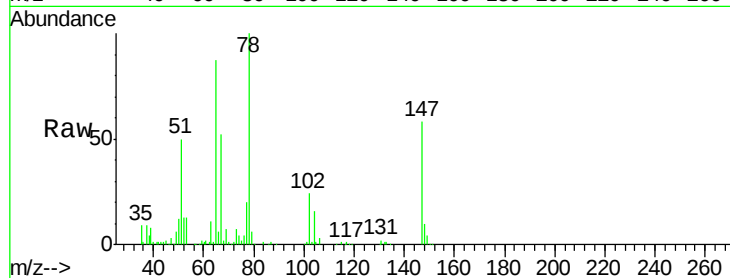
#33
 1,2-Dichloroethane-d4
 Concen: 48.223 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	57.8	0.0	110.6

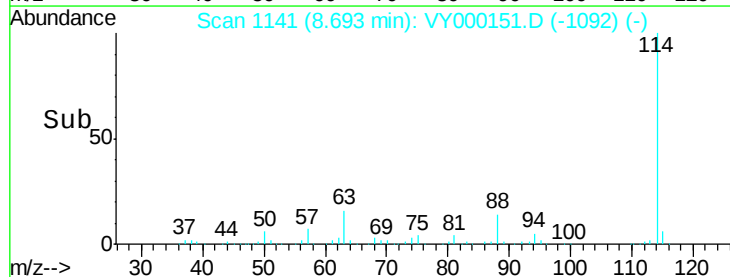
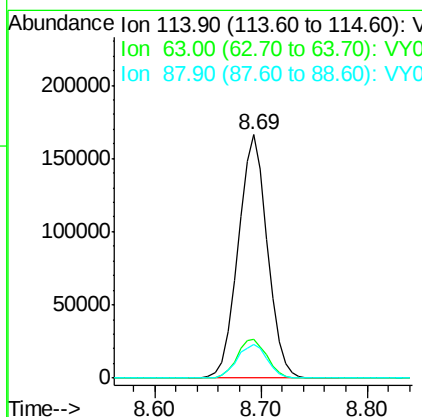
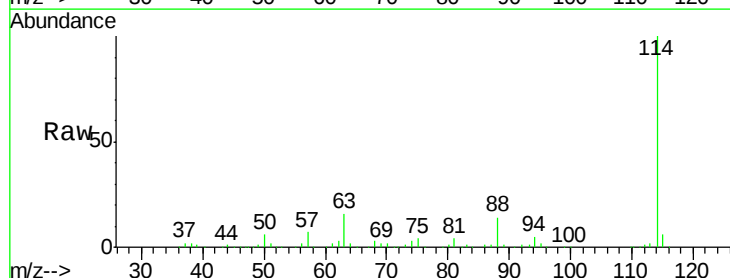
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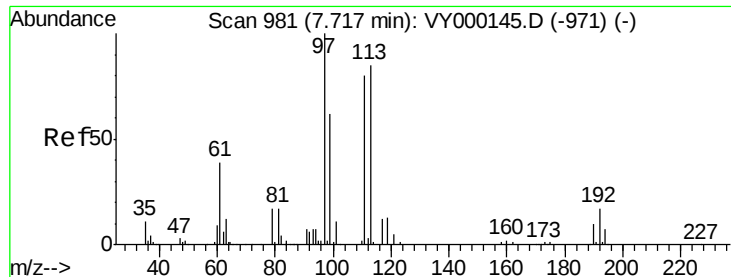
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	34.6
88	13.7	0.0	30.6





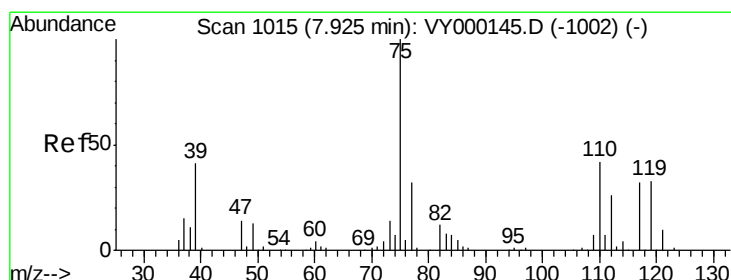
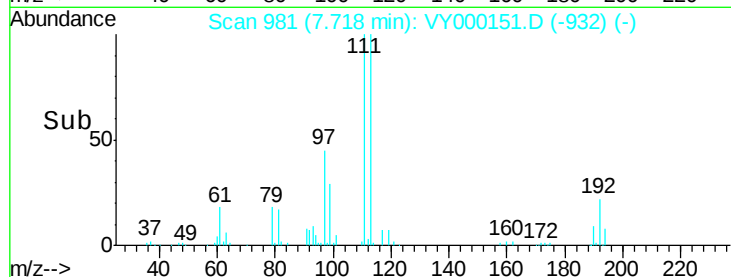
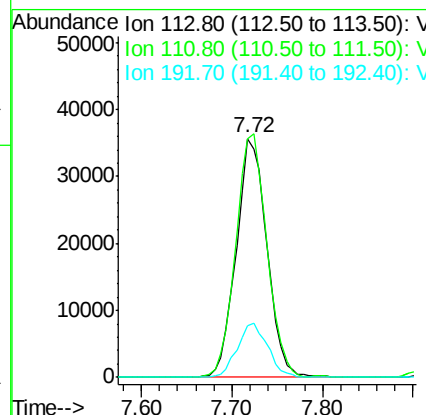
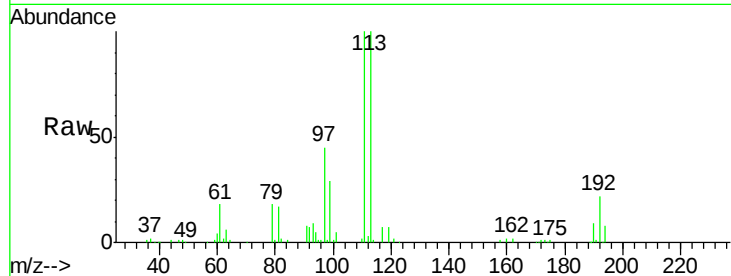
#35
 Dibromofluoromethane
 Concen: 50.268 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	22.4	17.3	25.9

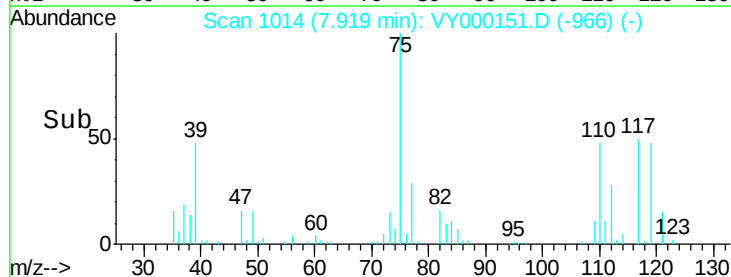
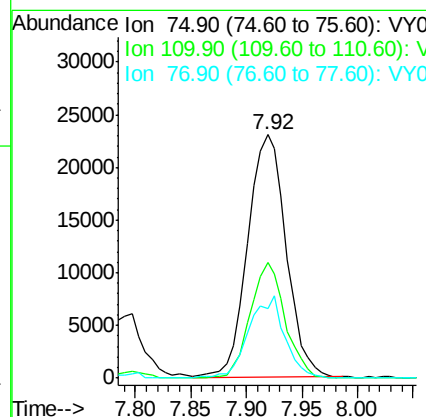
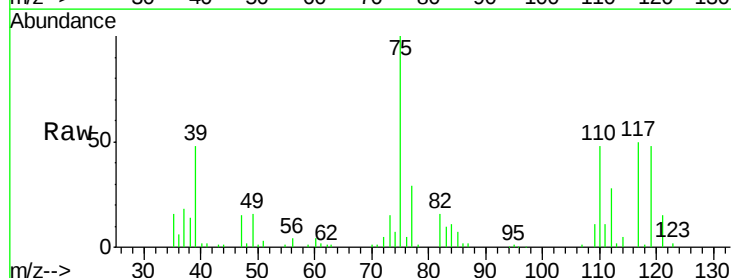
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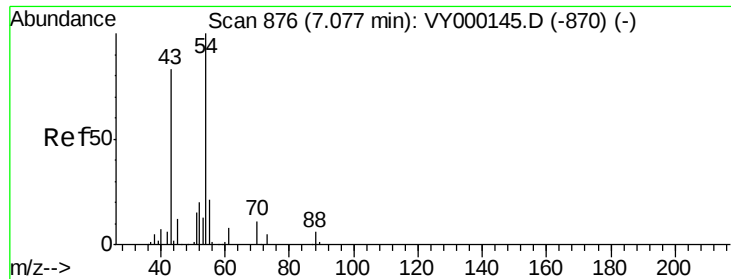
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#36
 1,1-Dichloropropene
 Concen: 20.903 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	43.1	21.1	63.1
77	31.9	24.6	36.8





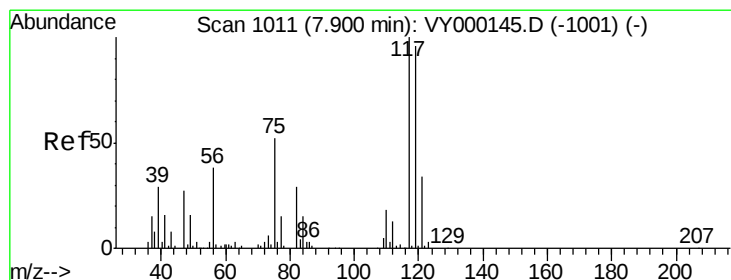
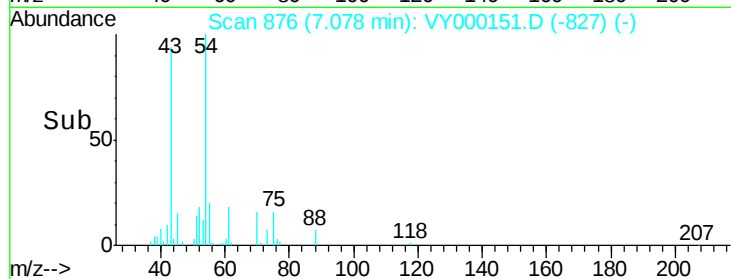
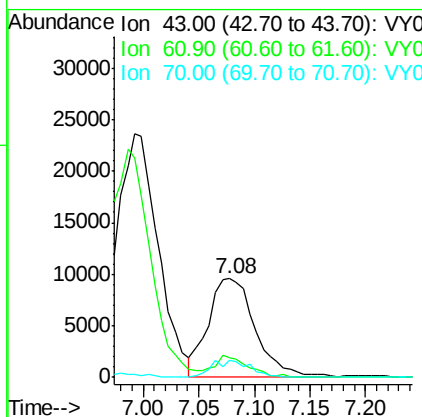
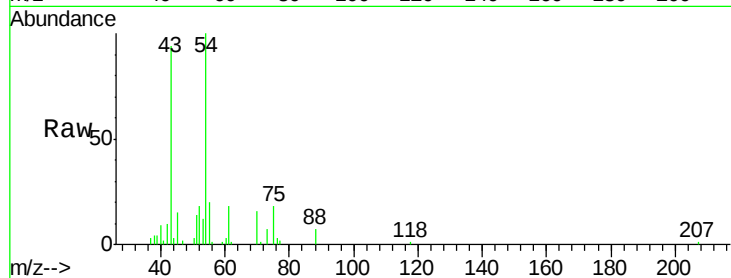
#37
Ethyl Acetate
Concen: 19.733 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	11.9	17.9
70	14.5	10.2	15.2

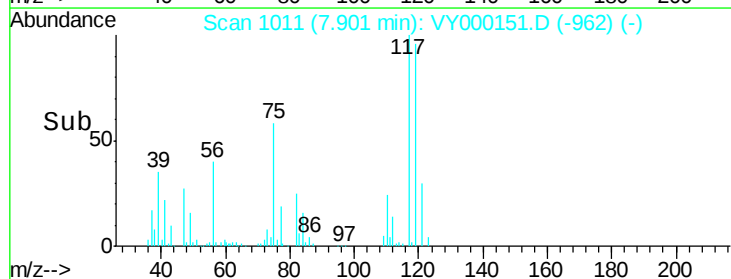
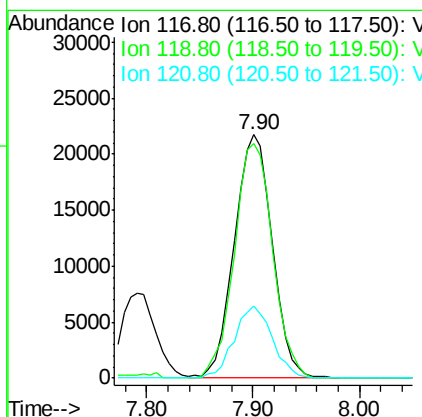
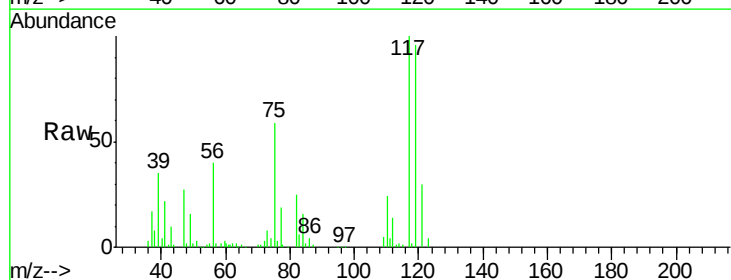
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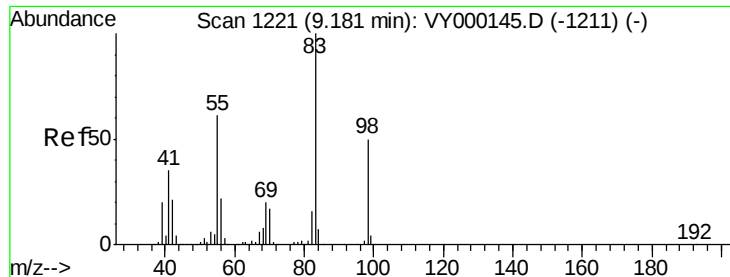
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#38
Carbon Tetrachloride
Concen: 21.016 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.9	115.3
121	29.8	27.4	41.0





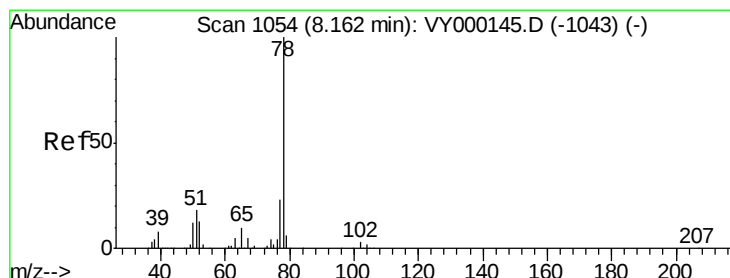
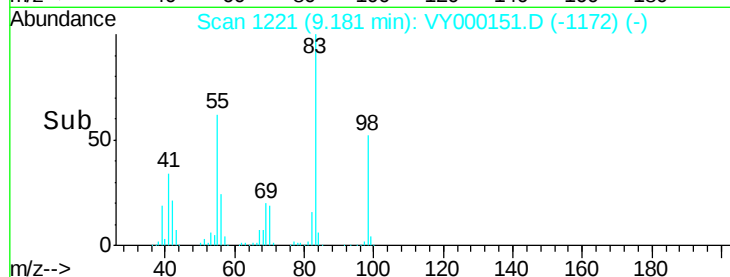
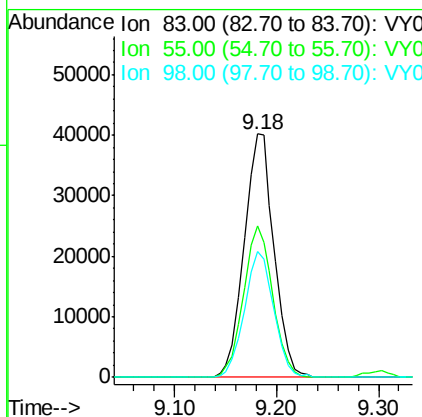
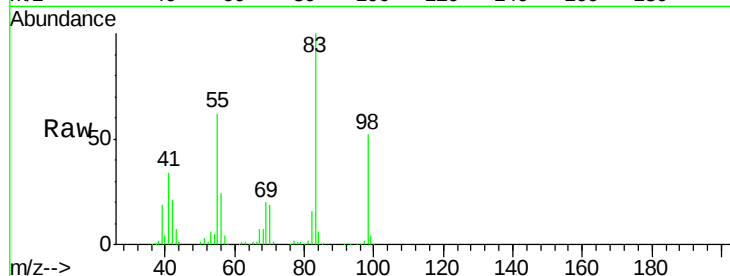
#39
Methvlcvclohexane
Concen: 21.752 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.0	49.1	73.7
98	51.7	40.0	60.0

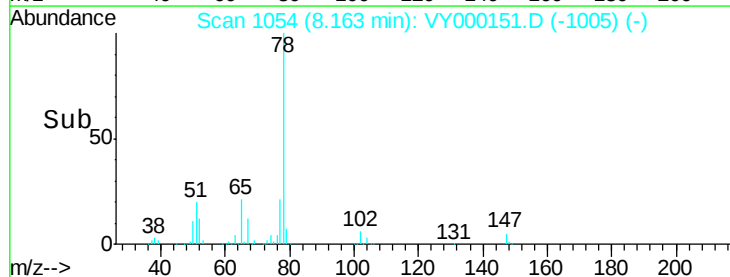
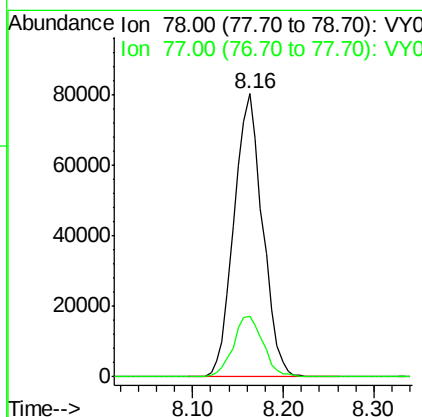
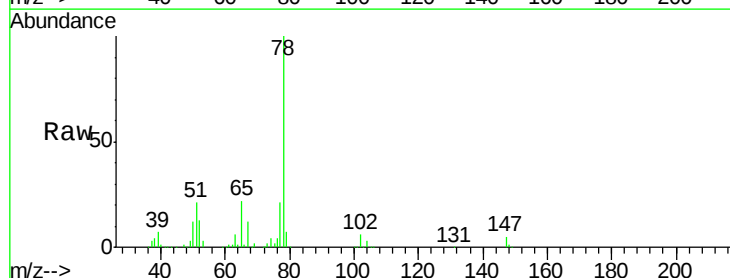
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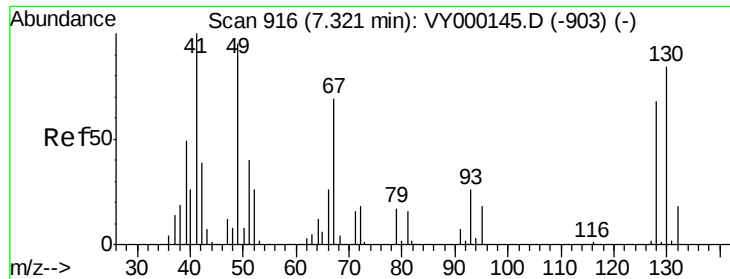
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#40
Benzene
Concen: 20.954 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.3	18.2	27.4





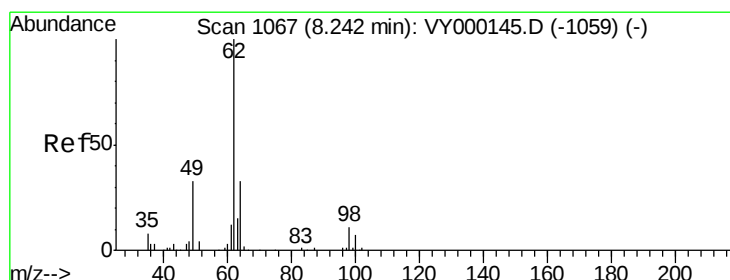
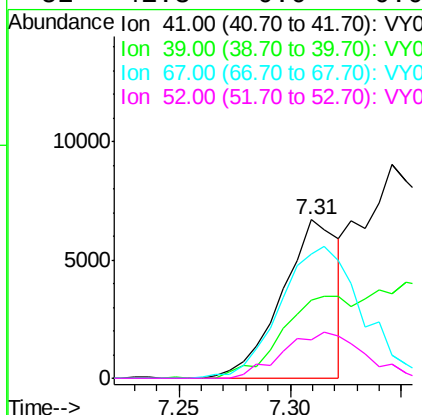
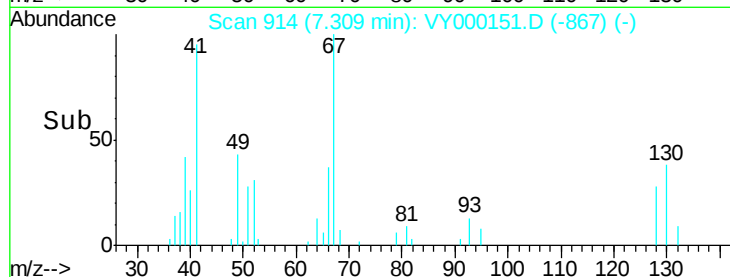
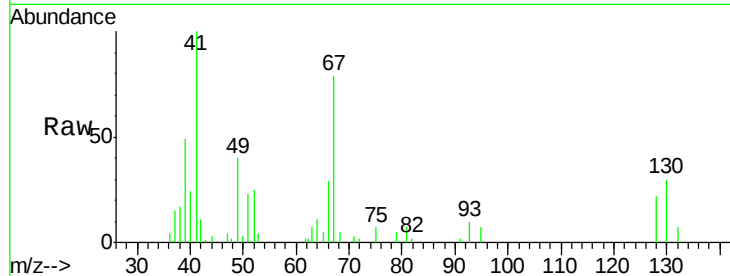
#41
Methacrylonitrile
Concen: 17.586 ug/l
RT: 7.31 min Scan# 914
Delta R.T. -0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.1	0.0	0.0#
67	120.8	0.0	0.0#
52	41.3	0.0	0.0#

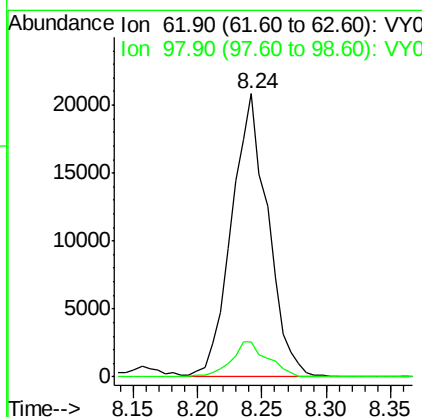
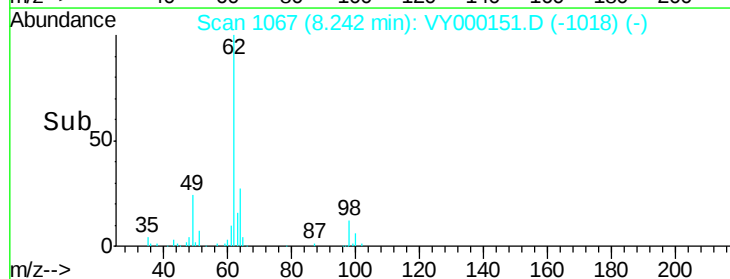
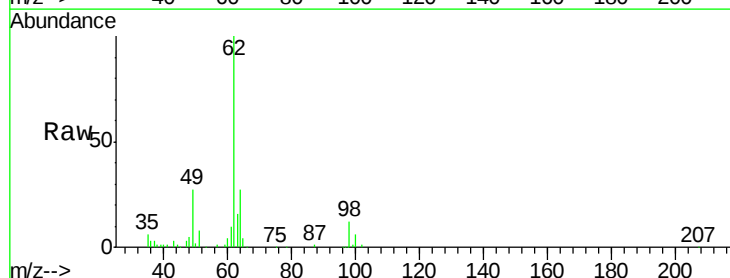
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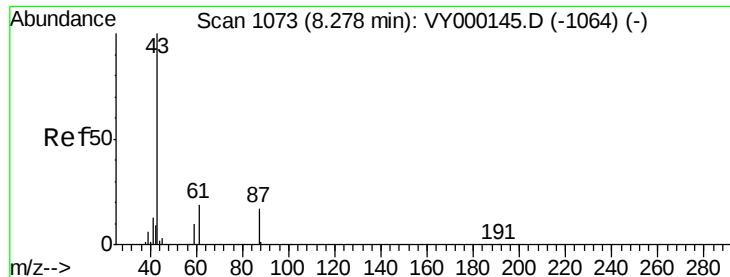
MMDadoda
10/2/2019 9:13:19 AM



#42
1,2-Dichloroethane
Concen: 20.087 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	24.8





#43

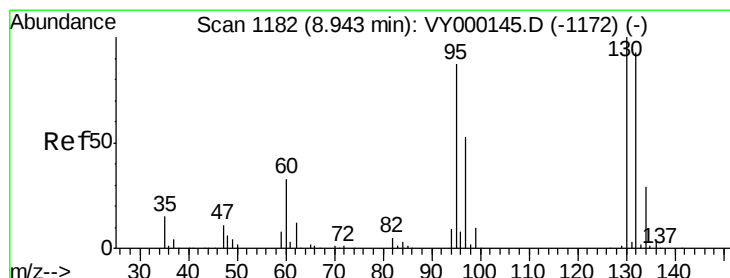
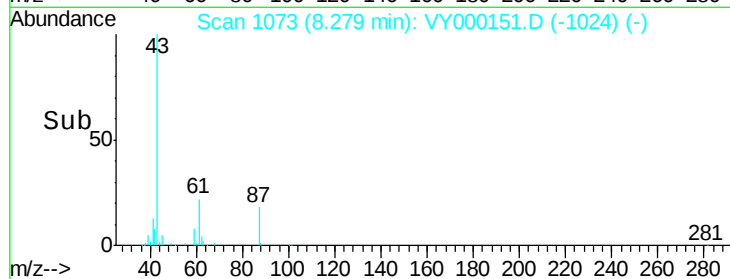
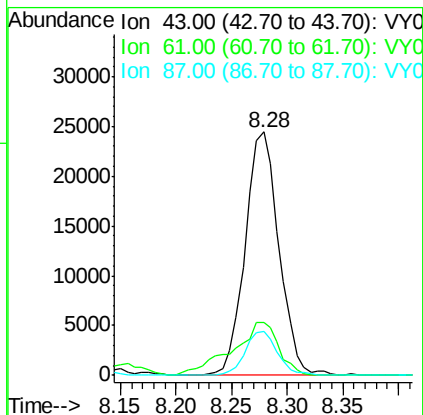
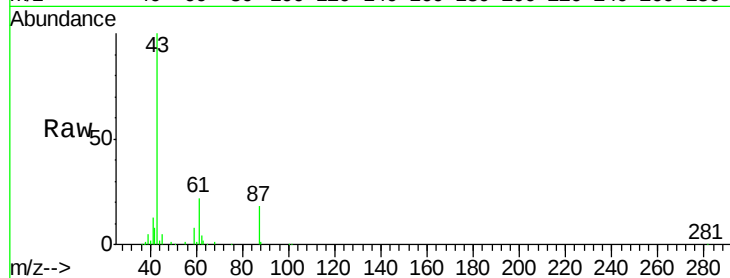
Isopropyl Acetate
 Concen: 19.970 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	25.6	38.4
87	17.1	13.5	20.3

Manual Integrations
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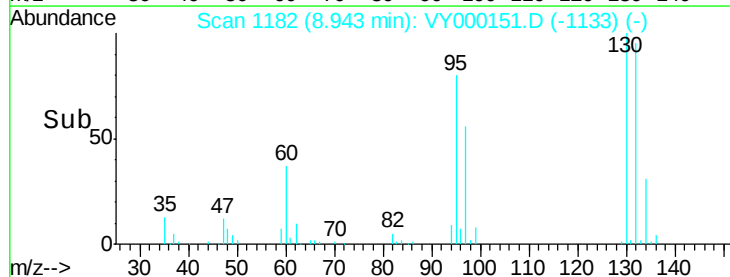
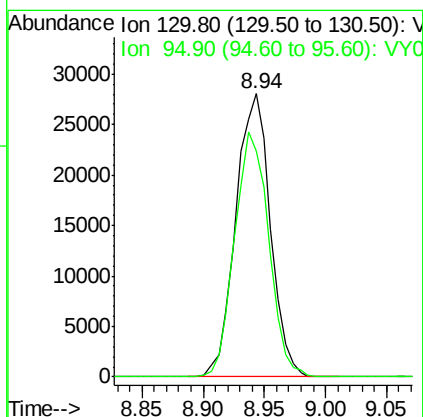
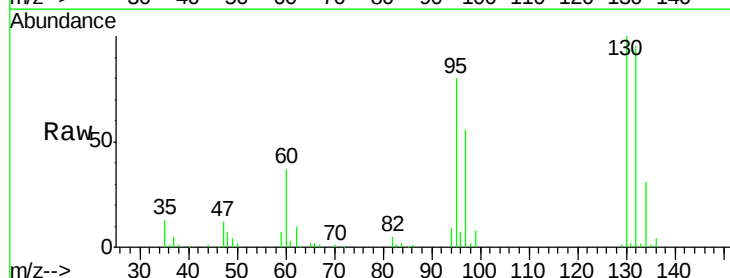
MMDadoda
 10/2/2019 9:13:19 AM

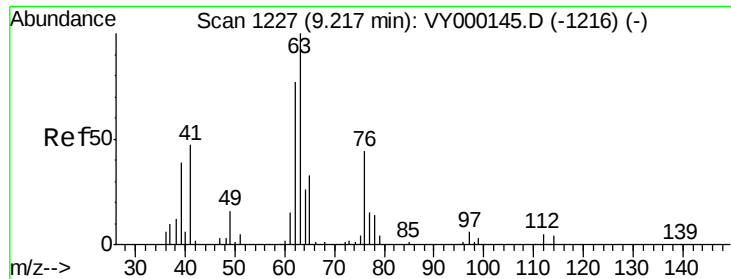


#44

Trichloroethene
 Concen: 20.518 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	79.6	0.0	174.8





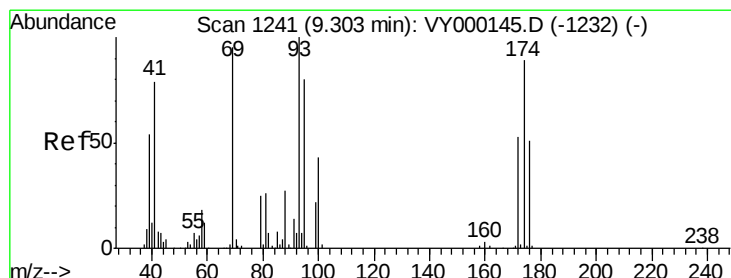
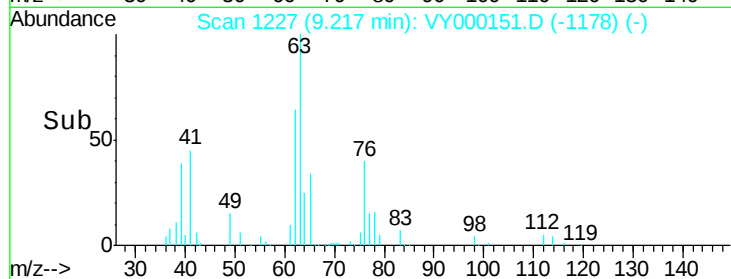
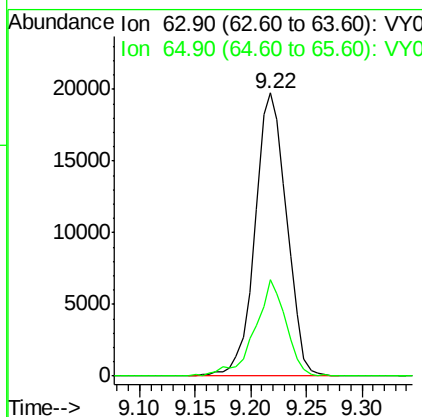
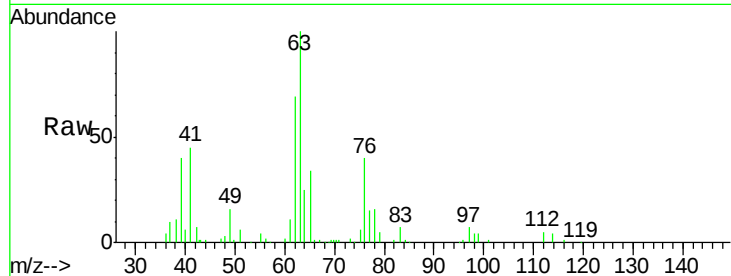
#45
 1,2-Dichloropropane
 Concen: 21.151 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.2	26.8	40.2

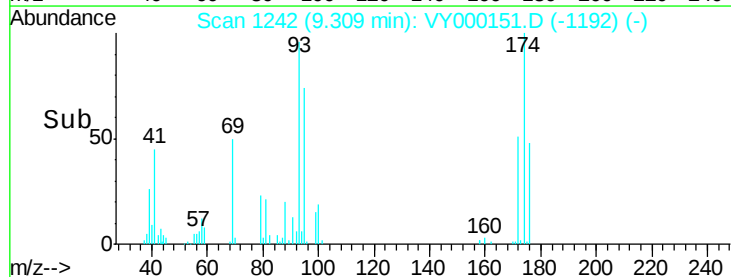
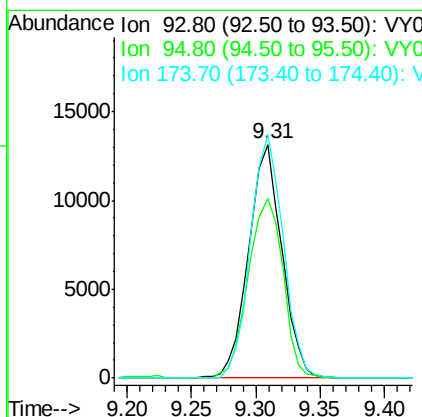
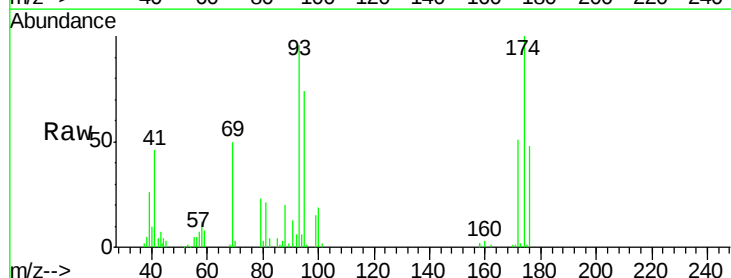
Manual Integrations
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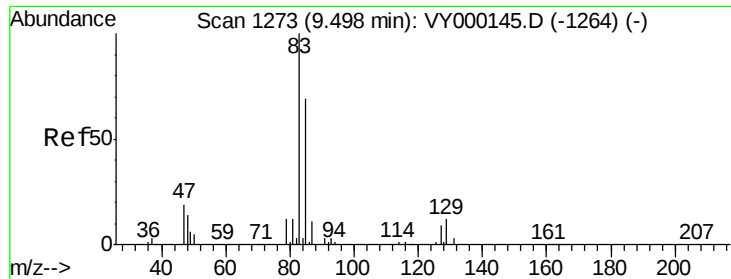
MMDadoda
 10/2/2019 9:13:19 AM



#46
 Dibromomethane
 Concen: 20.853 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.0	66.3	99.5
174	102.0	87.3	130.9





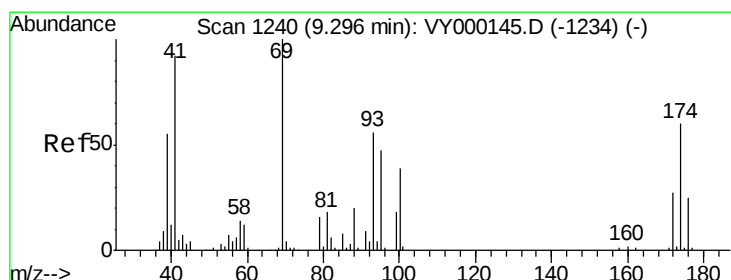
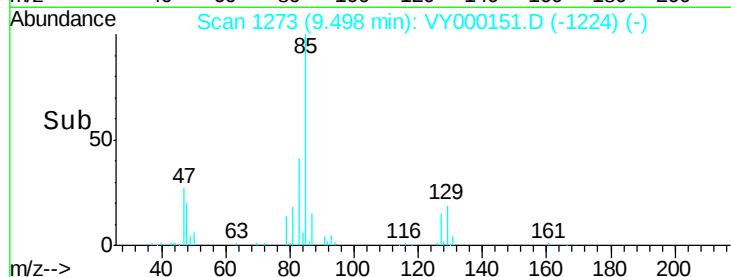
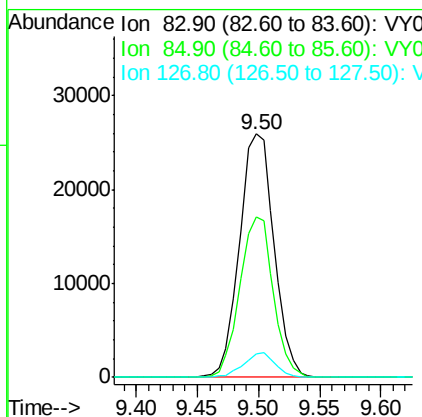
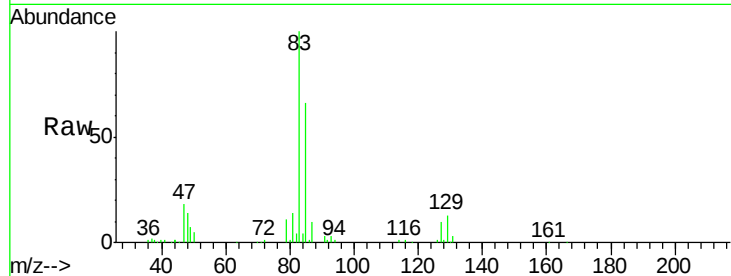
#47
Bromodichloromethane
Concen: 20.024 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	50884		
85	65.9		55.1	82.7
127	9.6		6.9	10.3

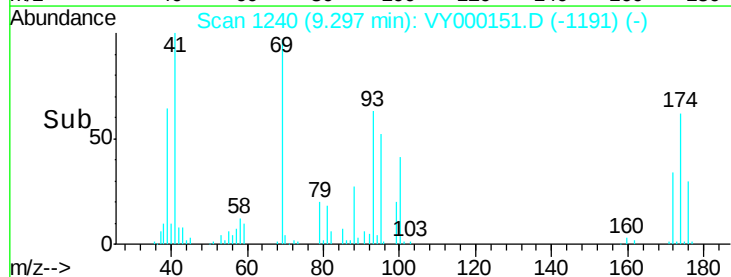
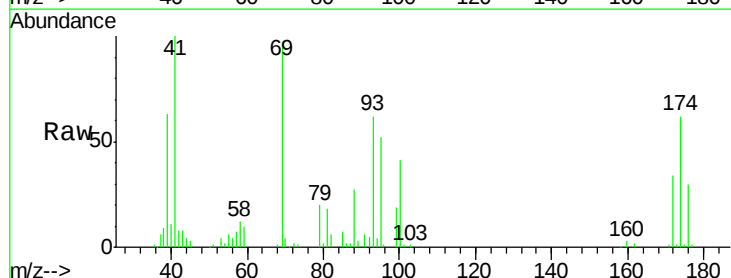
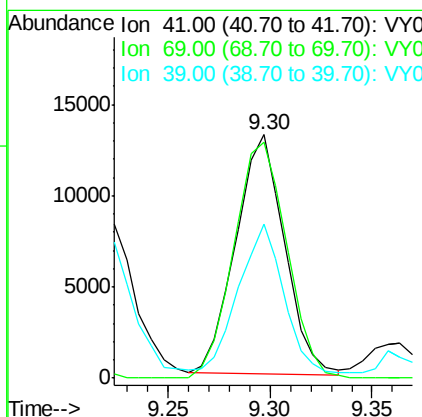
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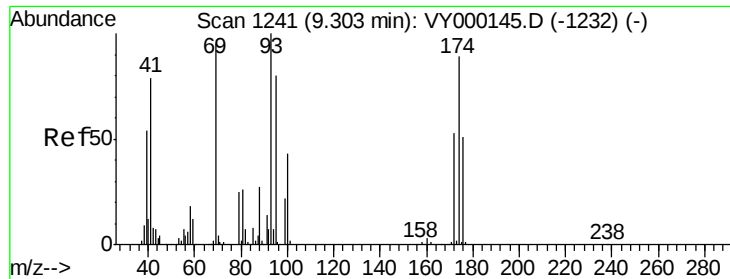
MMDadoda
10/2/2019 9:13:19 AM



#48
Methyl methacrylate
Concen: 18.849 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	21833		
69	106.7		86.5	129.7
39	63.0		51.0	76.6





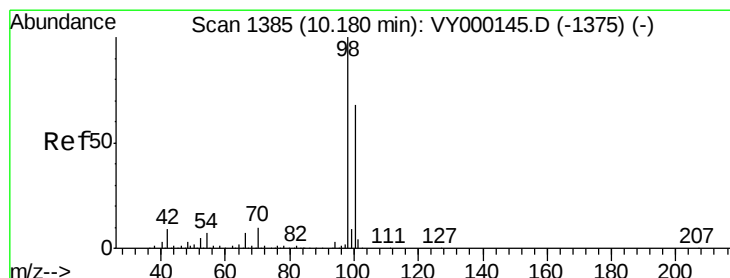
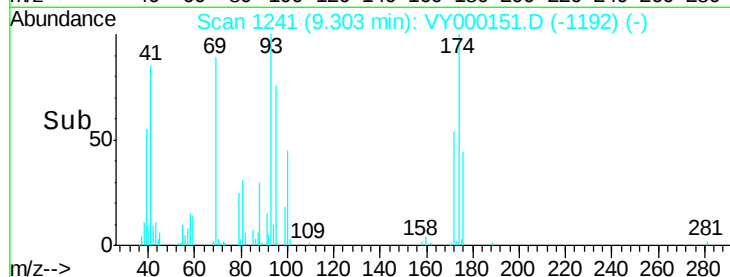
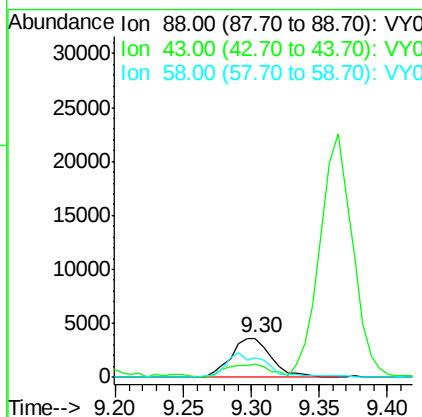
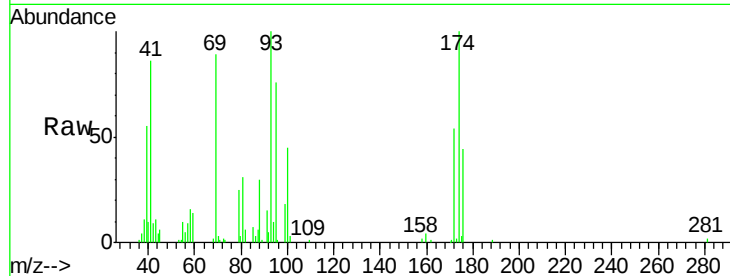
#49
1,4-Dioxane
Concen: 428.947 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	88	Resp	7471
Ion	Ratio	Lower	Upper
88	100		
43	37.7	24.4	36.6#
58	62.3	49.2	73.8

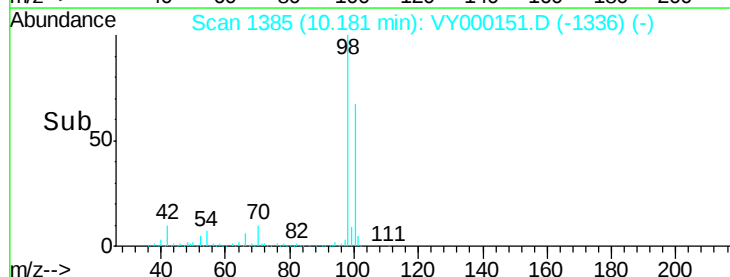
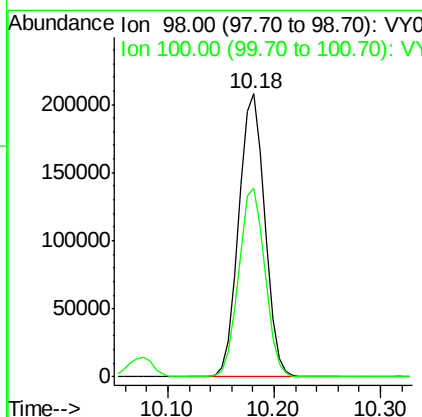
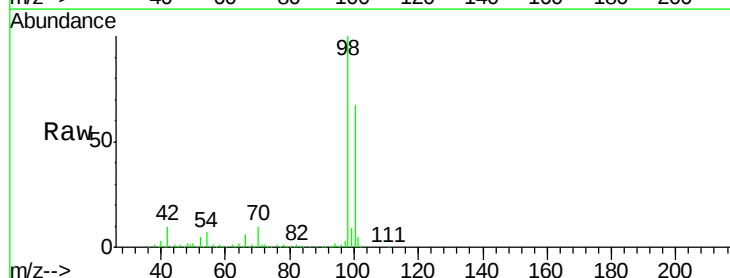
Manual Integrations
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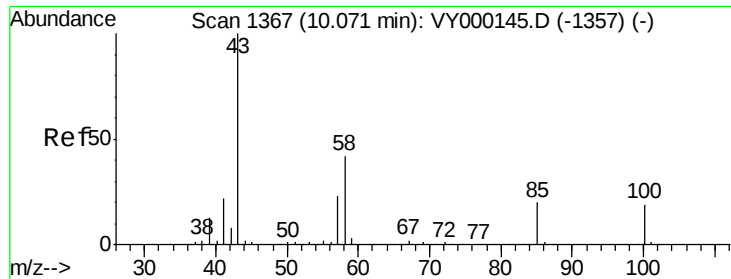
MMDadoda
10/2/2019 9:13:19 AM



#50
Toluene-d8
Concen: 50.679 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	98	Resp	358256
Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.2	81.2





#51

4-Methyl-2-Pentanone

Concen: 98.071 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 43 Resp: 131673

Ion Ratio Lower Upper

43 100

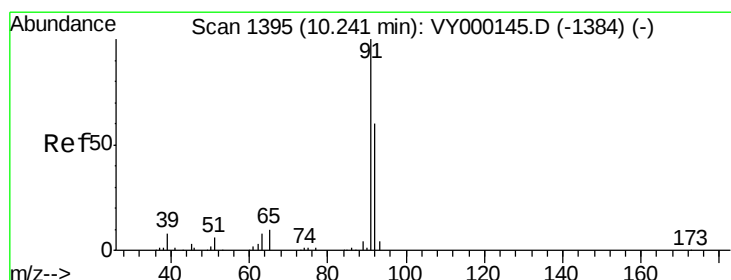
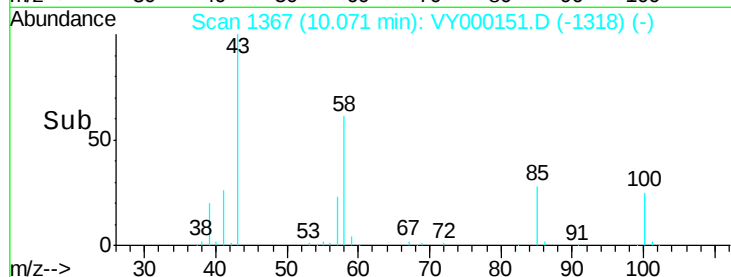
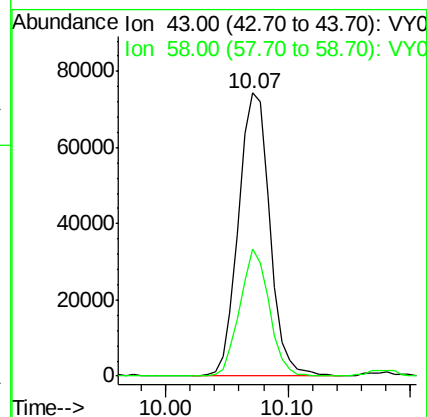
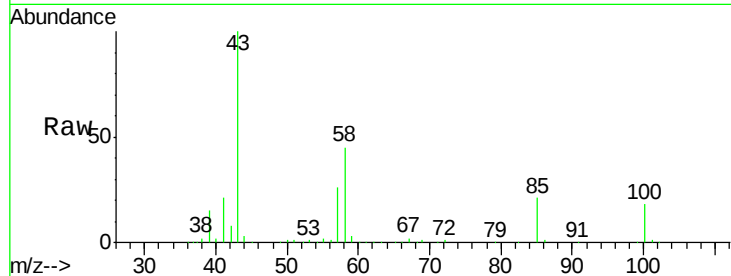
58 42.1 33.6 50.4

Manual Integrations

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MMDadoda

10/2/2019 9:13:19 AM



#52

Toluene

Concen: 20.918 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000151.D

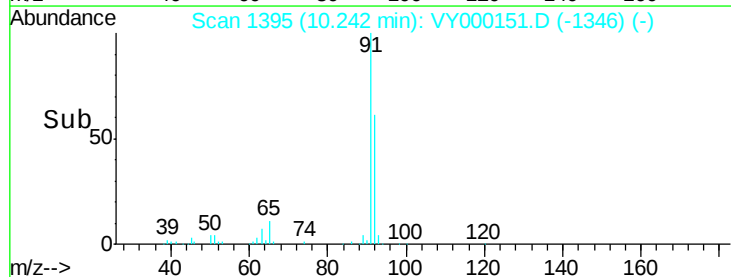
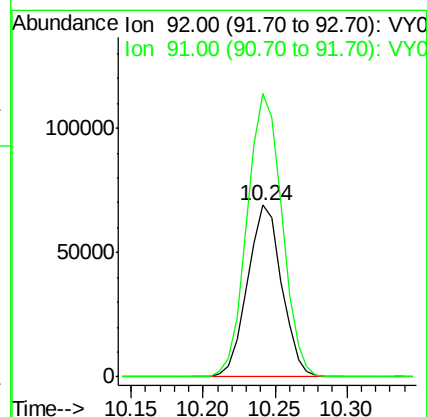
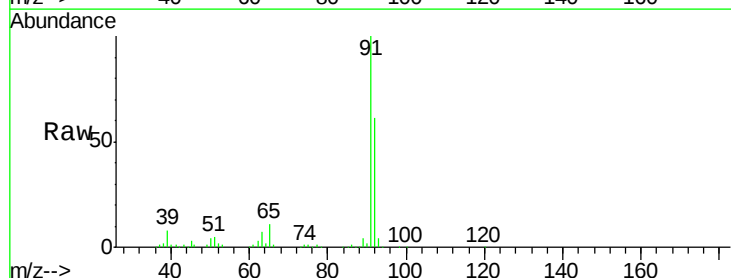
Acq: 26 Sep 2019 14:33

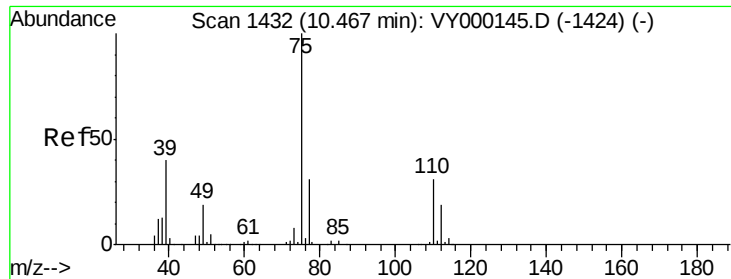
Tgt Ion: 92 Resp: 113439

Ion Ratio Lower Upper

92 100

91 168.3 134.6 201.8





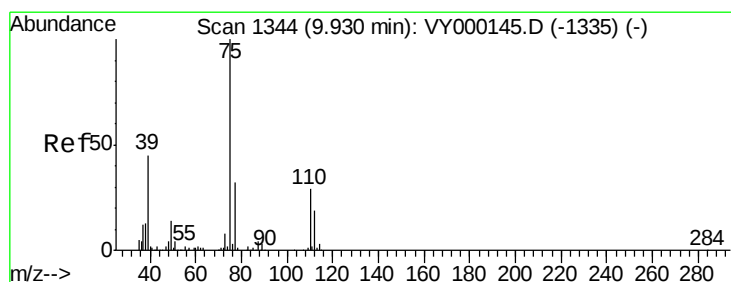
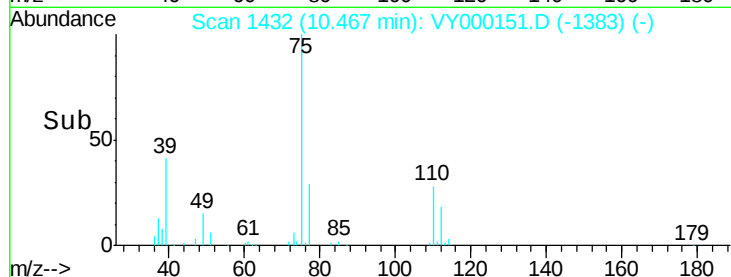
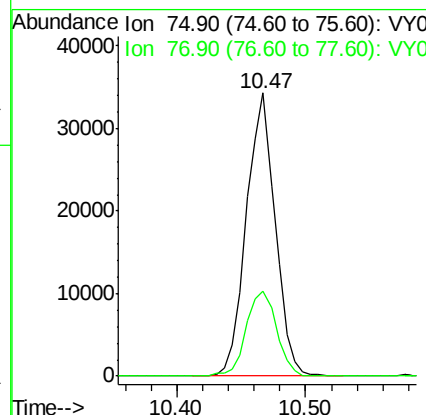
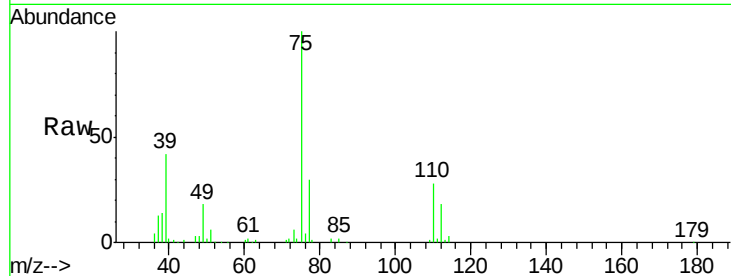
#53
 t-1,3-Dichloropropene
 Concen: 19.791 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.0	37.4

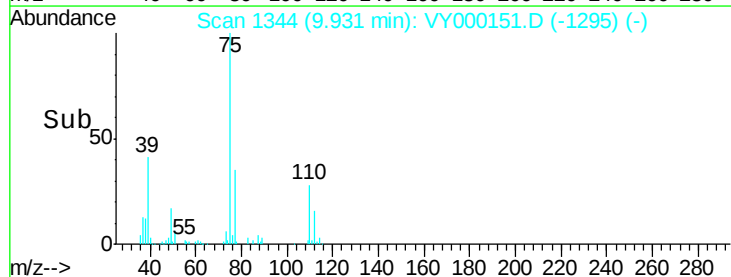
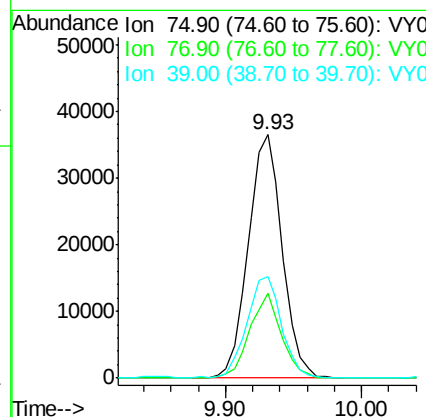
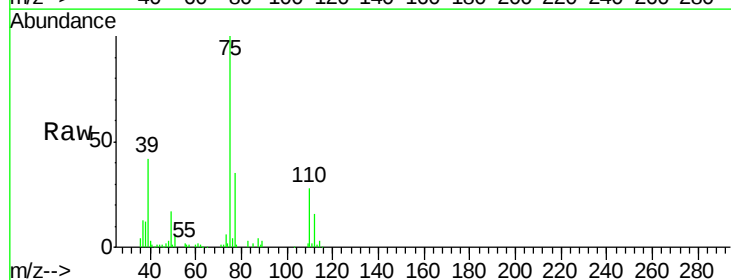
Manual Integrations
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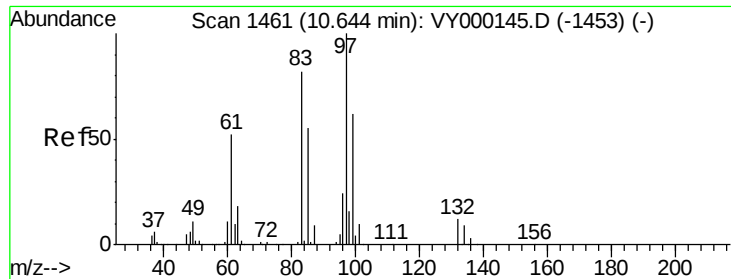
MMDadoda
 10/2/2019 9:13:19 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.081 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.4	38.0
39	41.8	35.8	53.6





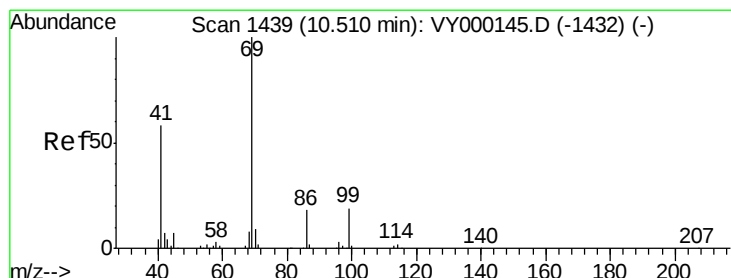
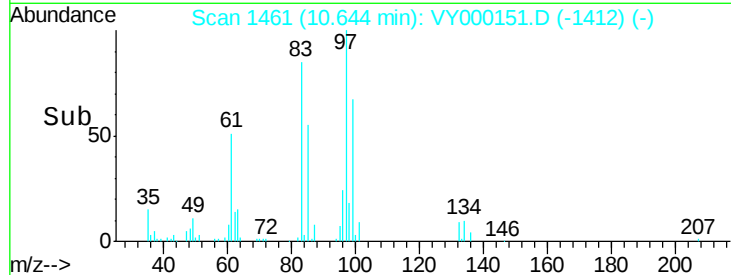
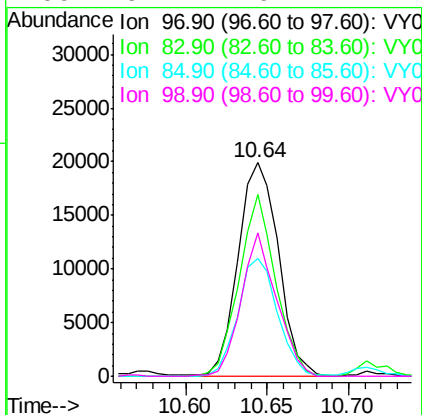
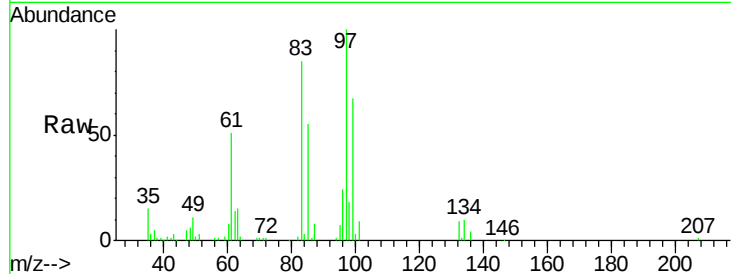
#55
 1,1,2-Trichloroethane
 Concen: 20.516 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion:	97	Resp:	34390
Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.7	98.5
85	55.4	44.1	66.1
99	67.1	49.4	74.2

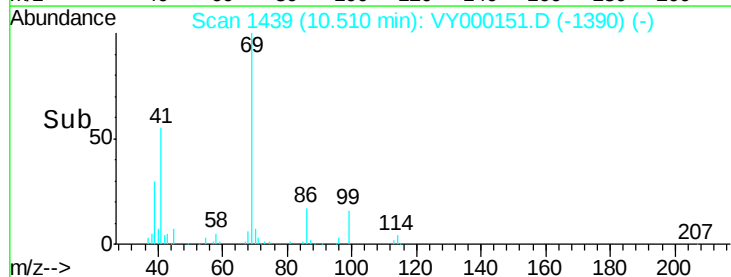
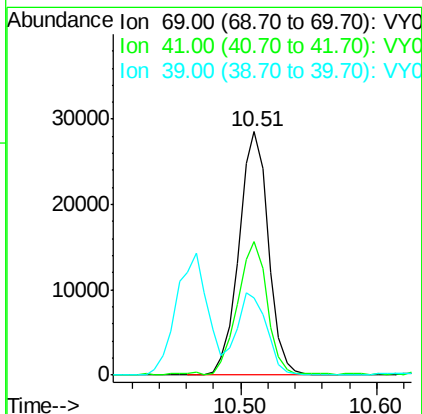
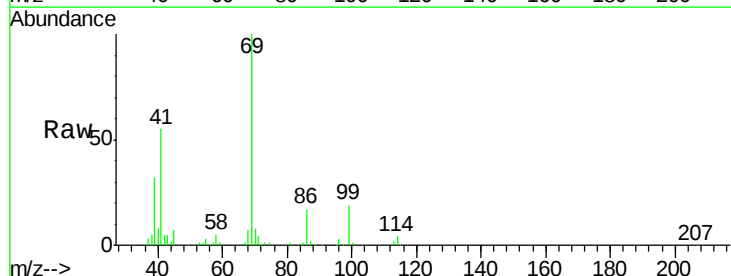
Manual Integrations
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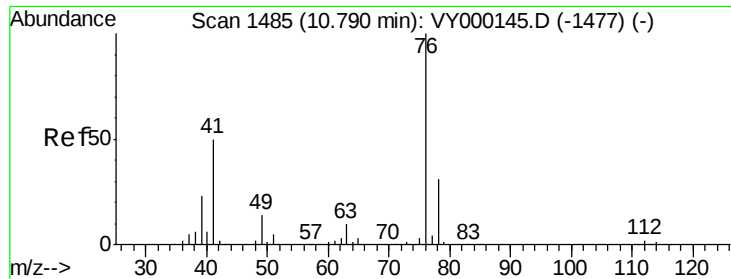
MMDadoda
 10/2/2019 9:13:19 AM



#56
 Ethyl methacrylate
 Concen: 19.793 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion:	69	Resp:	43158
Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.8	68.8
39	34.6	27.8	41.8





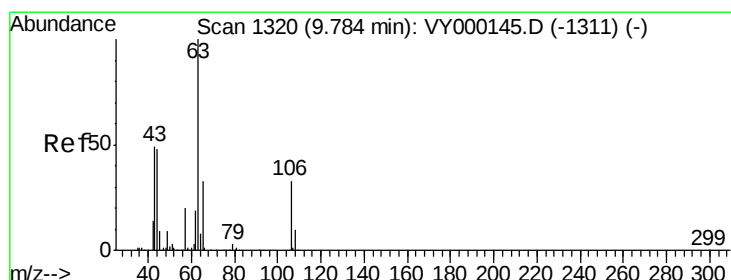
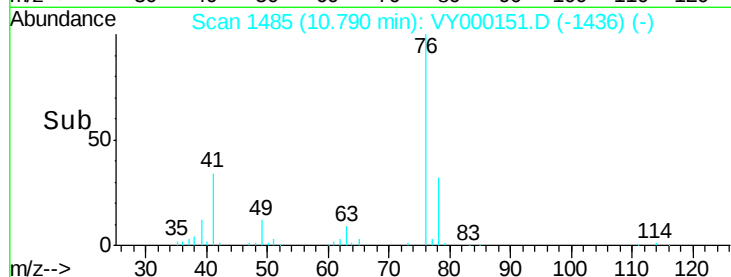
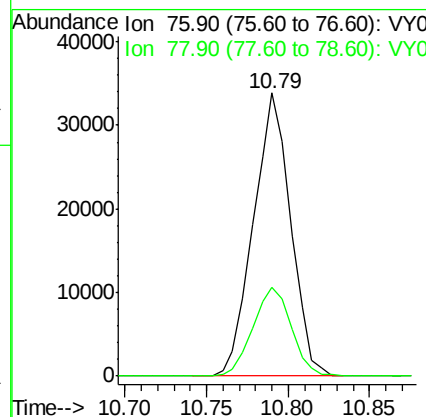
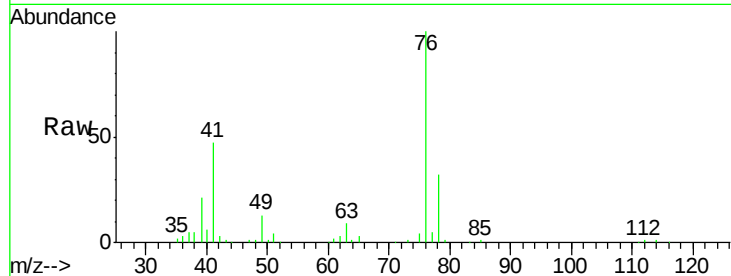
#57
 1,3-Dichloropropane
 Concen: 19.955 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion: 76 Resp: 53754
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.0

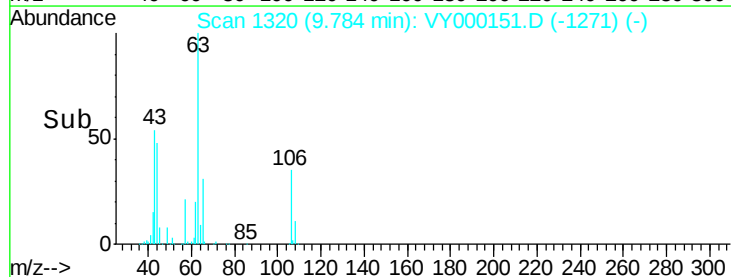
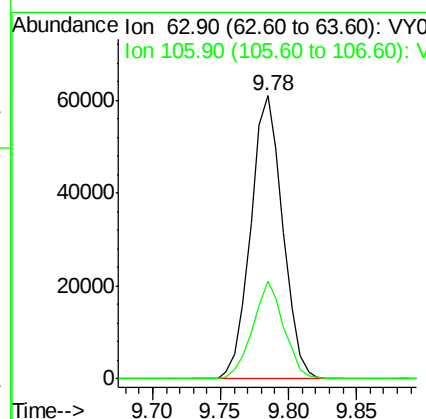
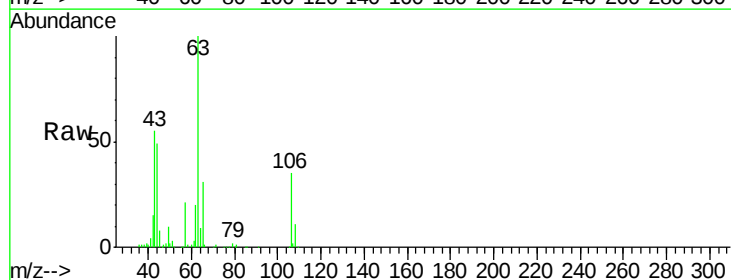
Manual Integrations
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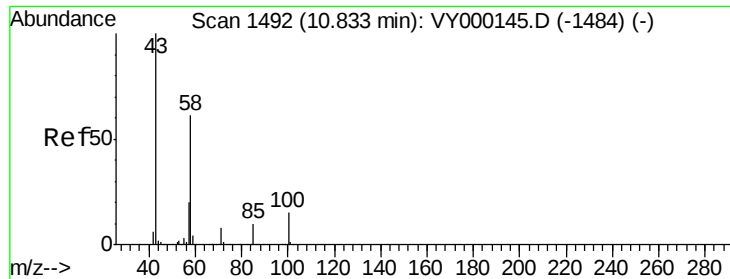
MMDadoda
 10/2/2019 9:13:19 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.265 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion: 63 Resp: 100638
 Ion Ratio Lower Upper
 63 100
 106 33.6 27.0 40.6





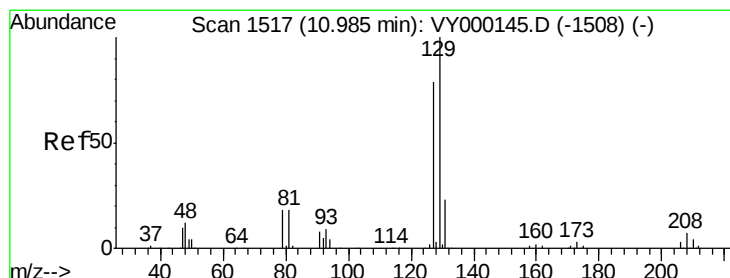
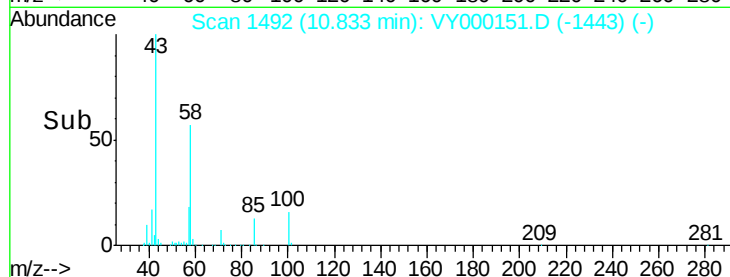
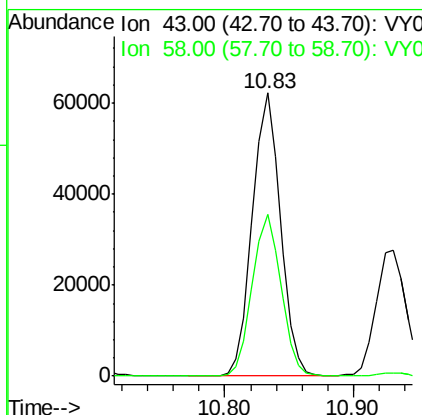
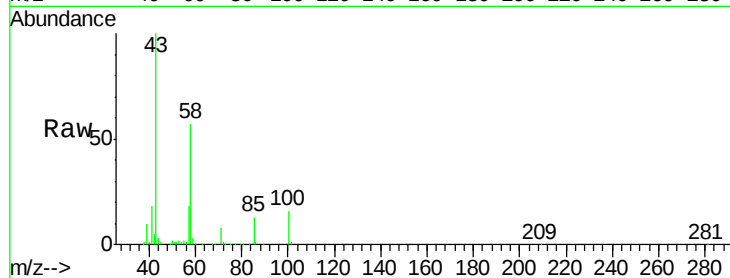
#59
2-Hexanone
Concen: 98.387 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	43.00	Resp	93886
Ion Ratio	43	100	
Lower	58	58.5	29.5
Upper			88.5

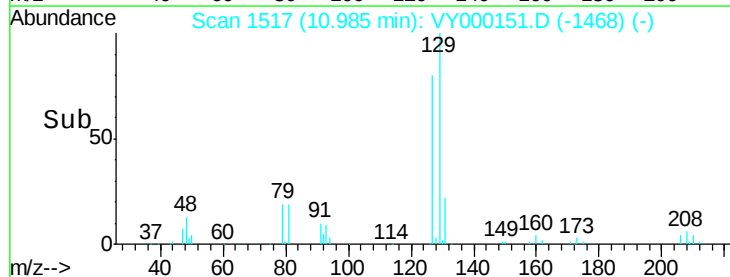
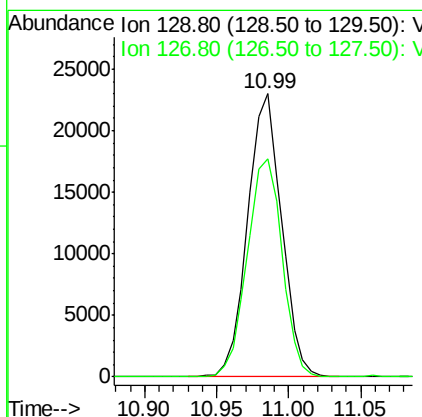
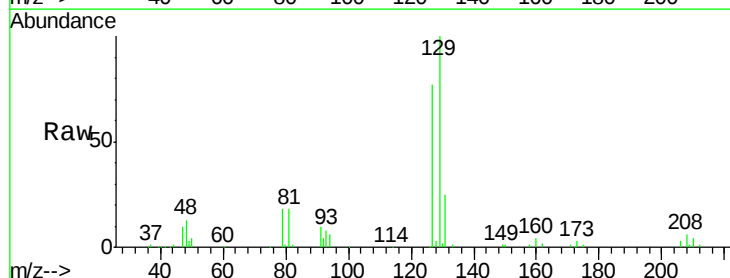
Manual Integrations
APPROVED

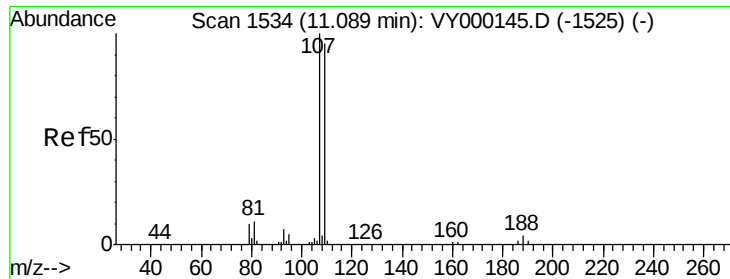
MMDadoda
10/2/2019 9:13:19 AM



#60
Dibromochloromethane
Concen: 19.720 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	129	Resp	37368
Ion Ratio	129	100	
Lower	127	79.5	39.4
Upper			118.1





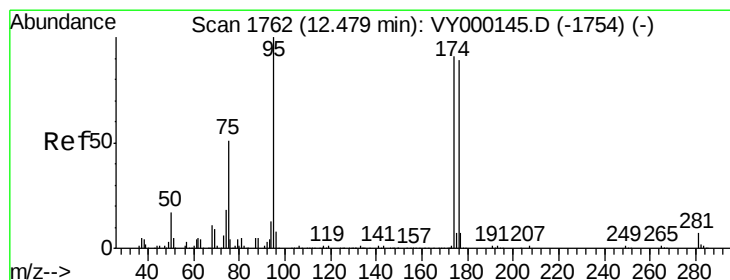
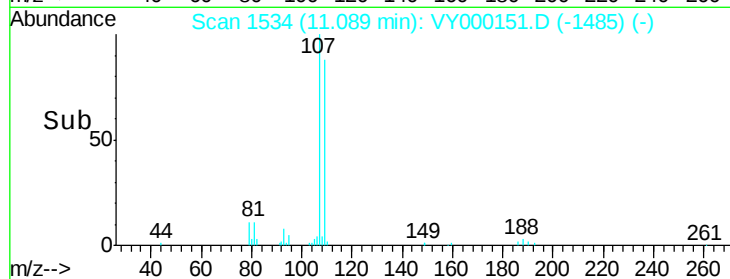
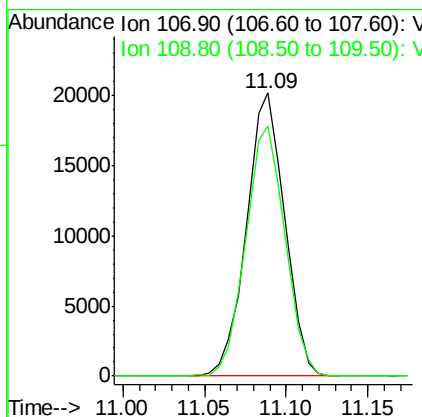
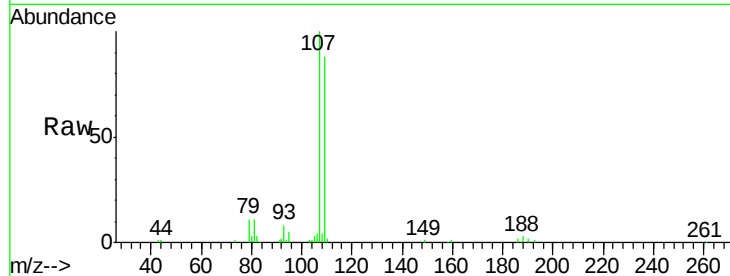
#61
 1,2-Dibromoethane
 Concen: 20.589 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	32935		
109	90.5	75.8	113.8	

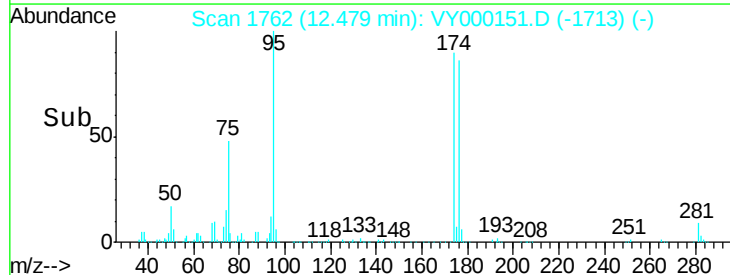
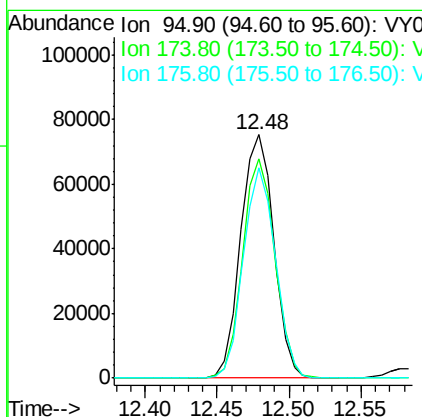
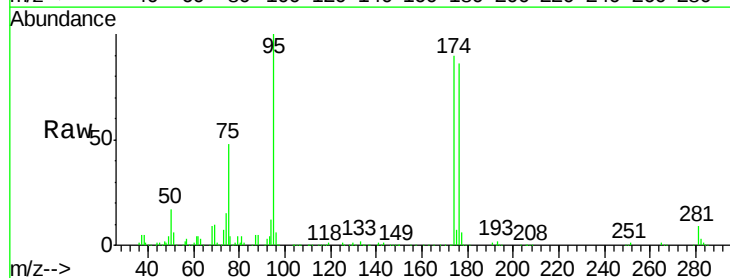
Manual Integrations
 APPROVED

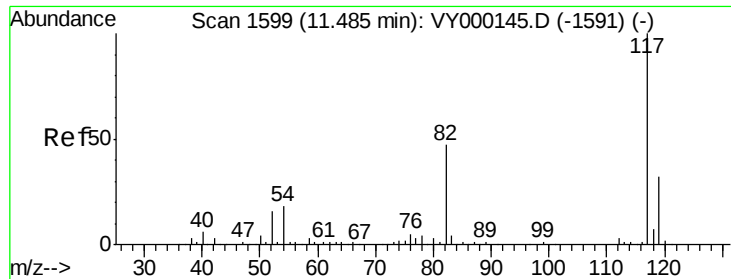
MMDadoda
 10/2/2019 9:13:19 AM



#62
 4-Bromofluorobenzene
 Concen: 46.513 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	119846		
174	87.4	0.0	180.6	
176	83.8	0.0	171.6	





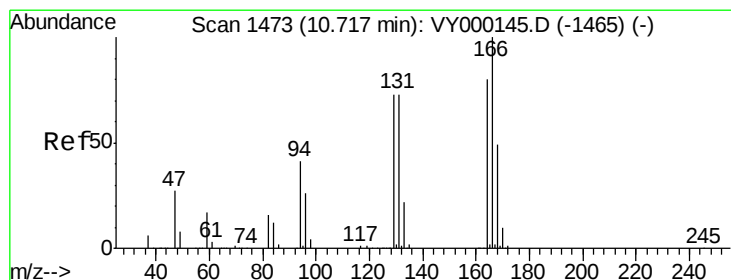
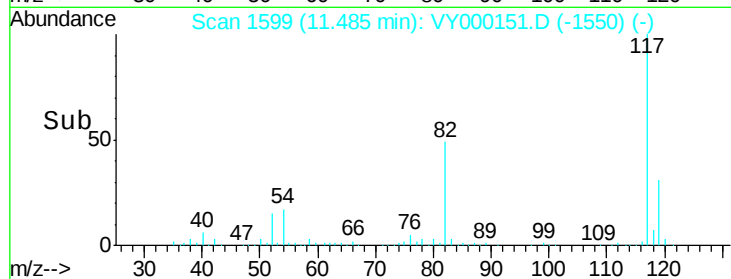
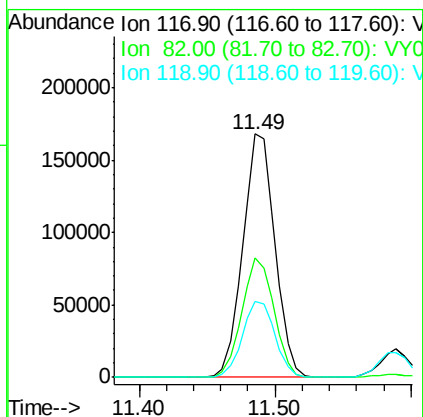
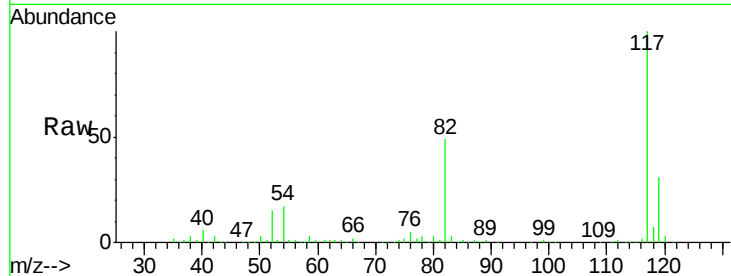
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	37.7	56.5
119	31.1	25.4	38.2

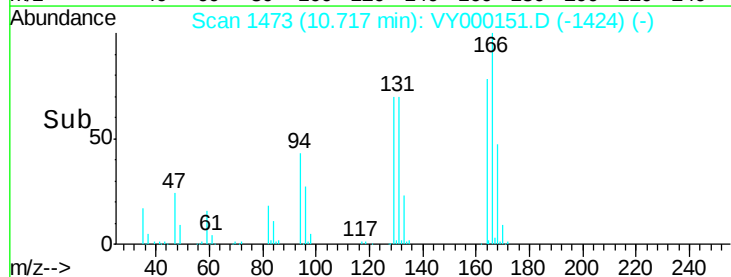
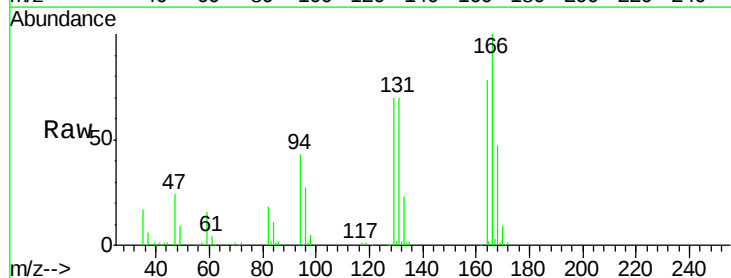
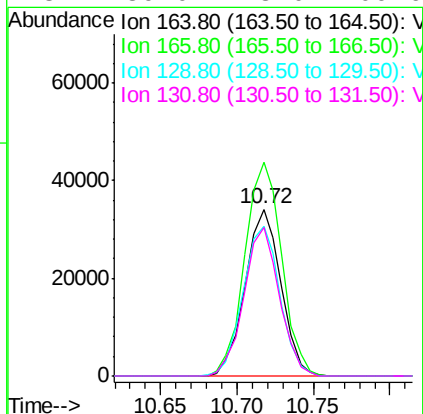
Manual Integrations
APPROVED

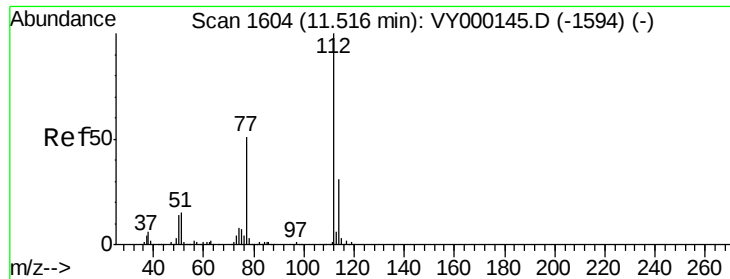
MMDadoda
10/2/2019 9:13:19 AM



#64
Tetrachloroethene
Concen: 20.186 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	99.5	149.3
129	89.6	72.8	109.2
131	89.0	73.0	109.6





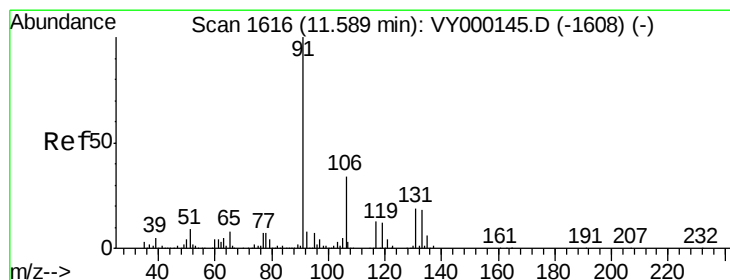
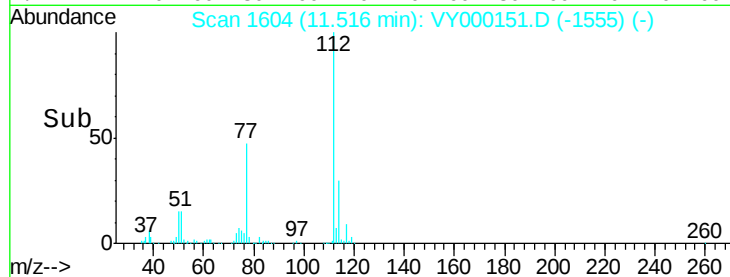
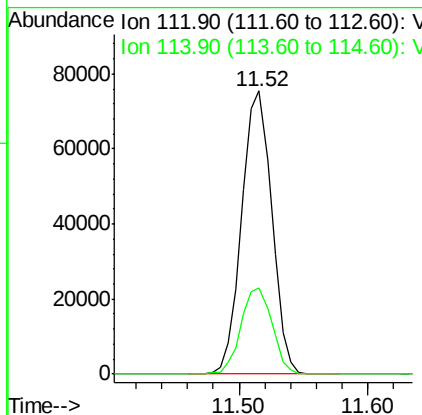
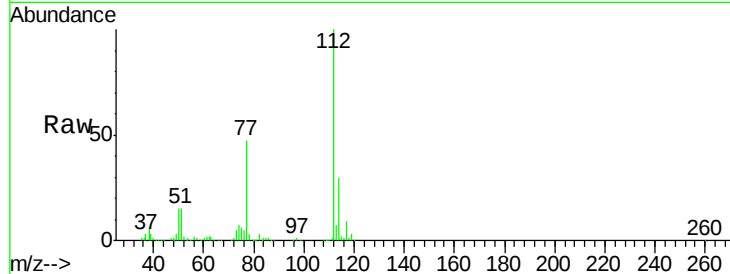
#65
Chlorobenzene
Concen: 21.070 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.1	37.7

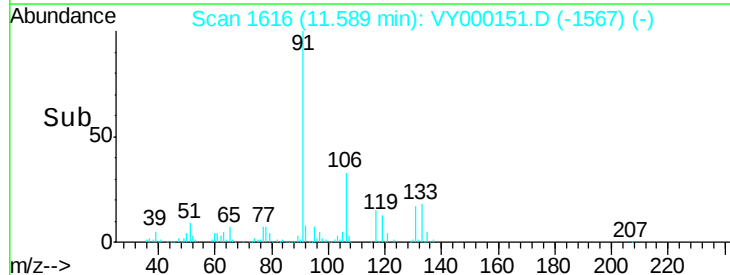
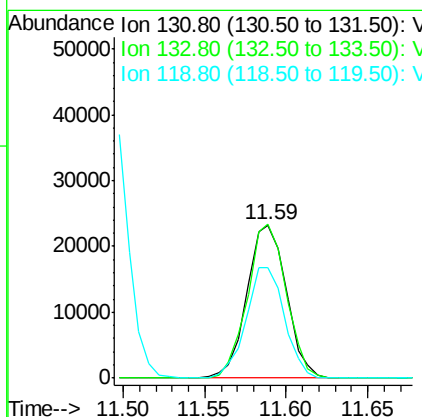
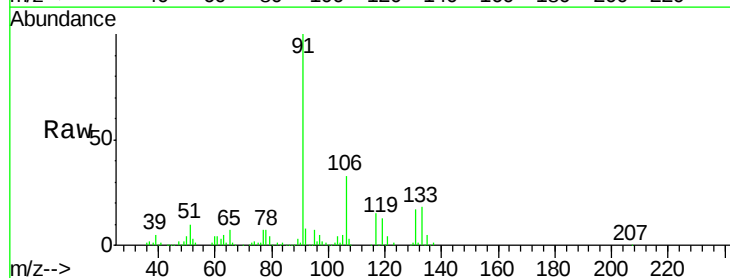
Manual Integrations
APPROVED

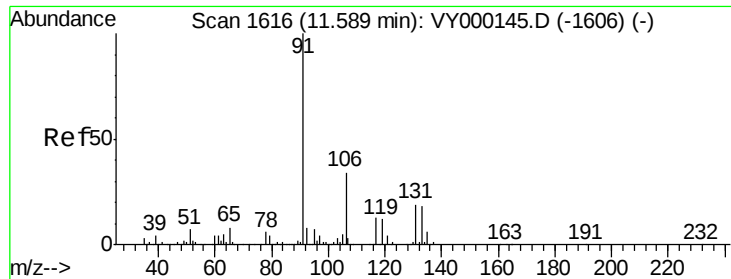
MMDadoda
10/2/2019 9:13:19 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.030 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.3	47.2	141.6
119	71.1	32.3	96.9





#67

Ethyl Benzene

Concen: 20.731 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 91 Resp: 204562

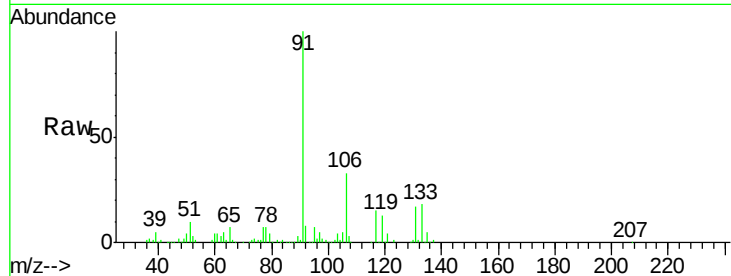
Ion Ratio Lower Upper

91 100

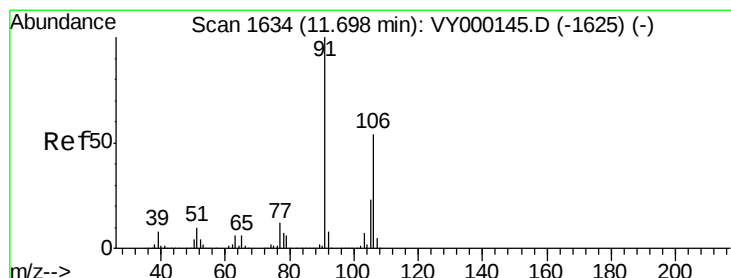
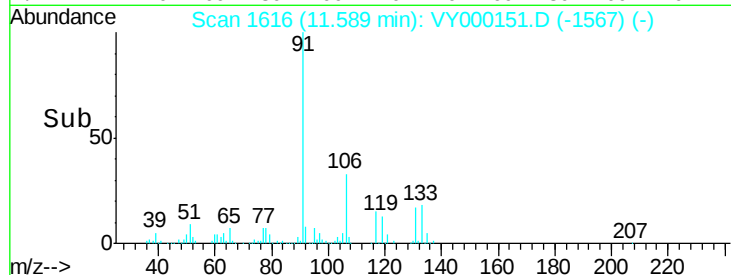
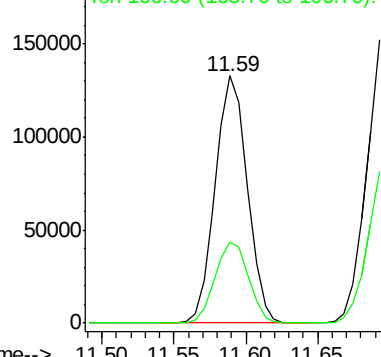
106 33.0 27.3 40.9

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:13:19 AM



Abundance Ion 91.00 (90.70 to 91.70): VY000145.D (-1606) (-)



#68

m/p-Xylenes

Concen: 41.339 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000151.D

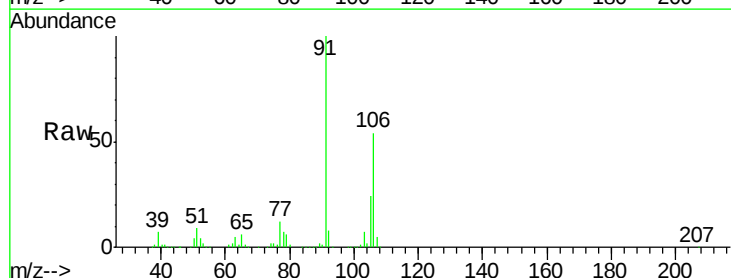
Acq: 26 Sep 2019 14:33

Tgt Ion: 106 Resp: 164900

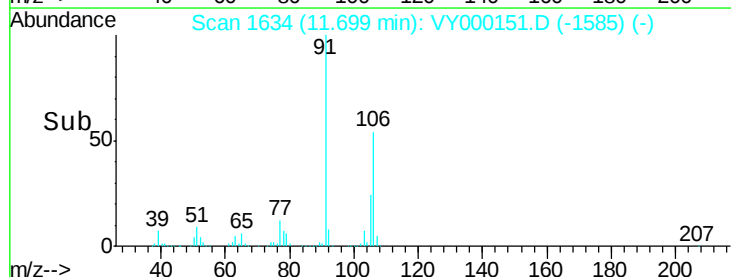
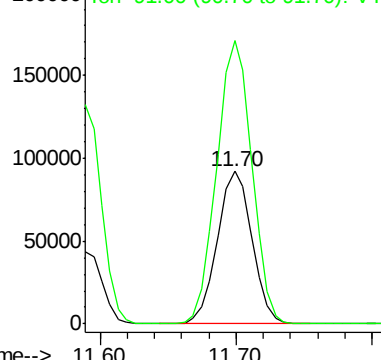
Ion Ratio Lower Upper

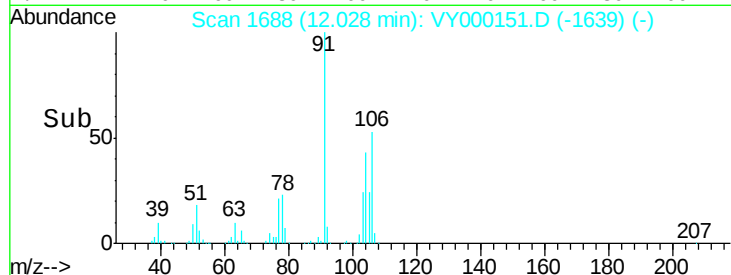
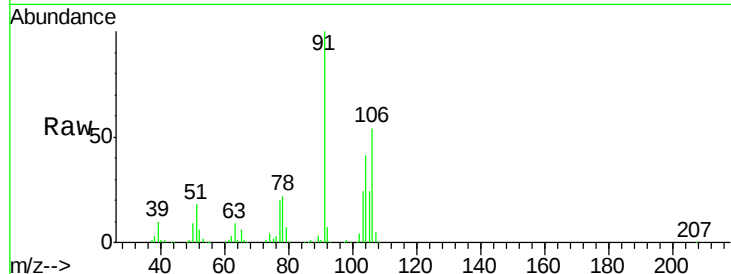
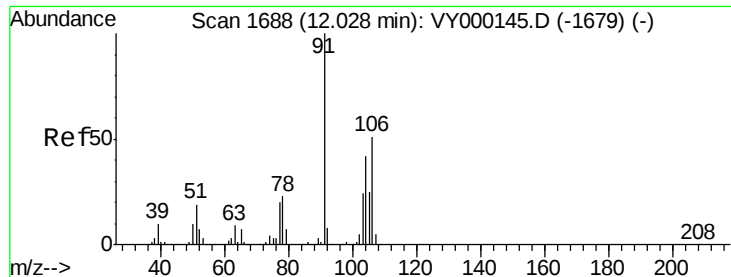
106 100

91 188.3 148.6 223.0



Abundance Ion 106.00 (105.70 to 106.70): VY000145.D (-1625) (-)





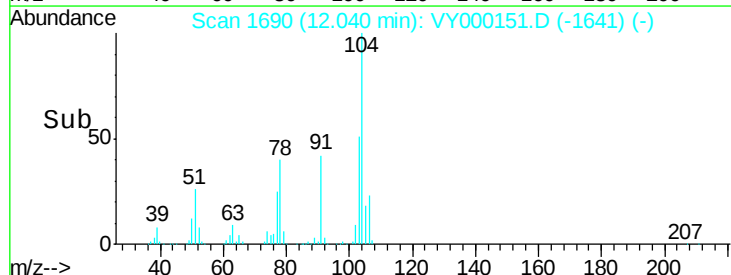
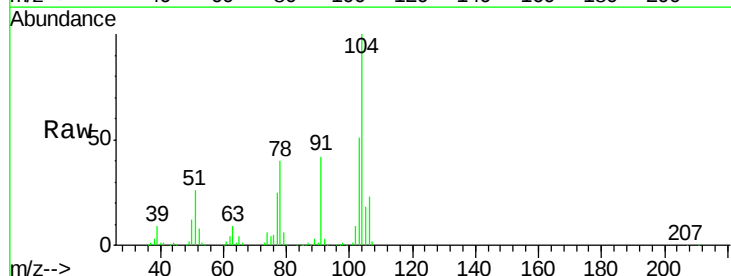
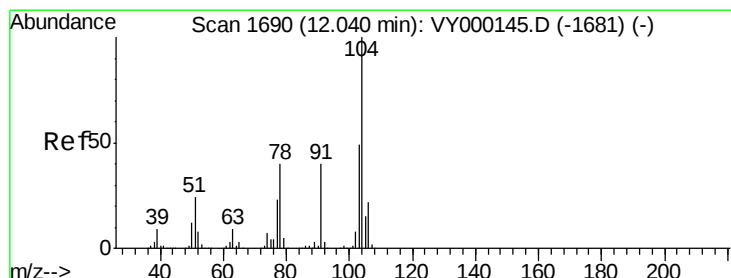
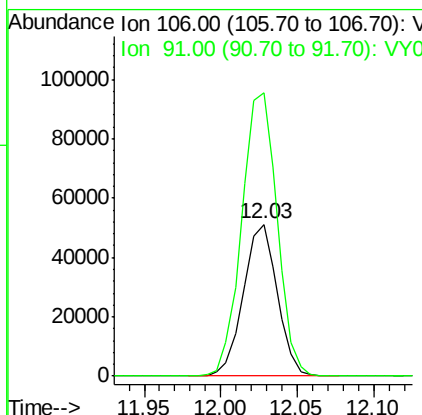
#69
o-Xylene
Concen: 20.785 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tot Ion:106 Resp: 79075
Ion Ratio Lower Upper
106 100
91 193.3 98.0 293.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

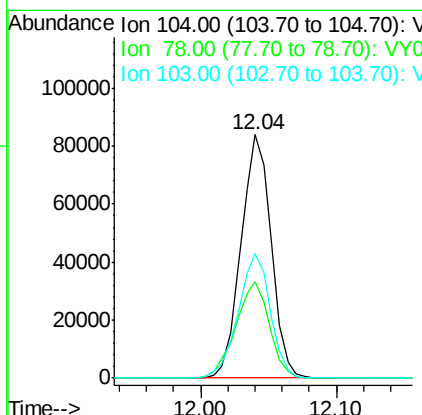
Manual Integrations
APPROVED

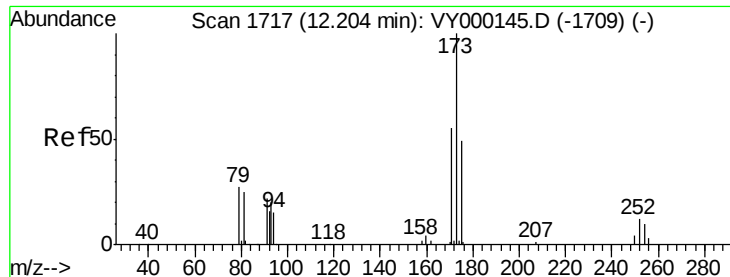
MMDadoda
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#70
Styrene
Concen: 20.144 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion:104 Resp: 129692
Ion Ratio Lower Upper
104 100
78 44.0 34.7 52.1
103 54.1 41.6 62.4





#71

Bromoform

Concen: 20.534 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

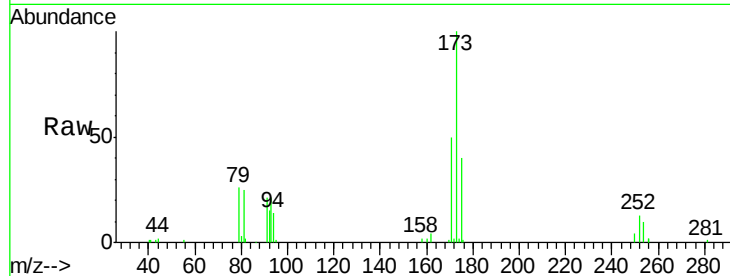
ClientSampleId :

VY0926SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.4	23.5	70.6
254	0.0	0.1	0.1#

Manual Integrations
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MMDadoda
10/2/2019 9:13:19 AM

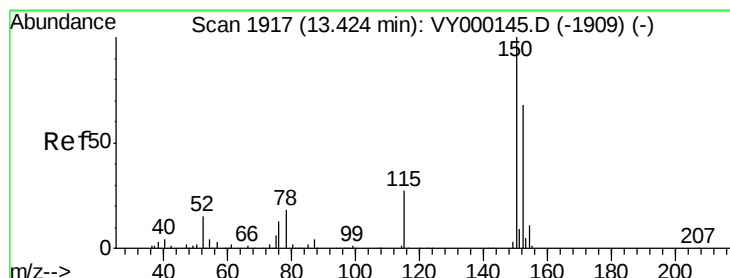
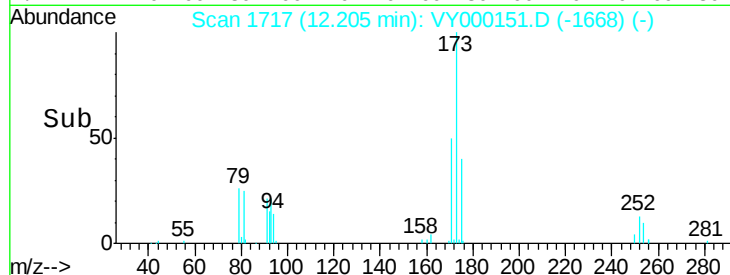
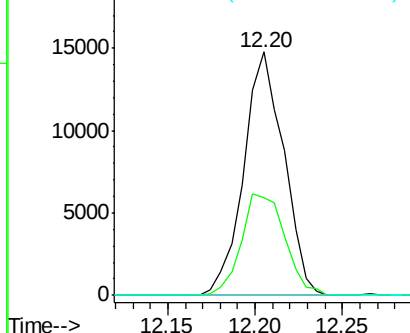


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

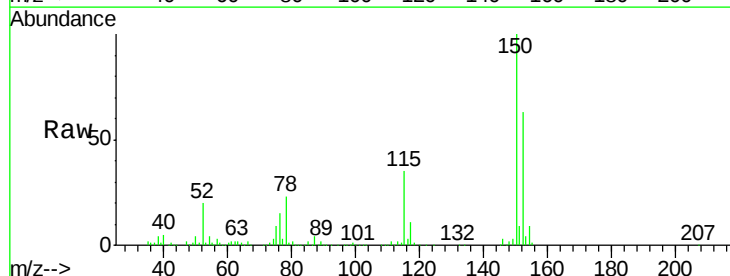
RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	26.8	80.4
150	165.8	0.0	347.8

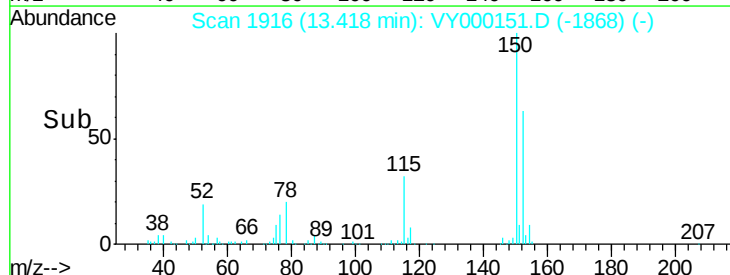
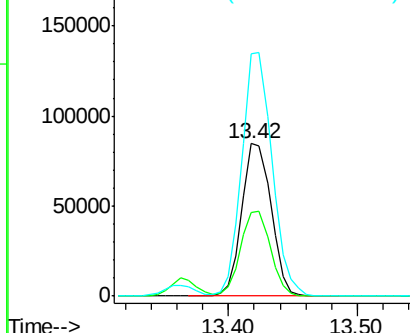


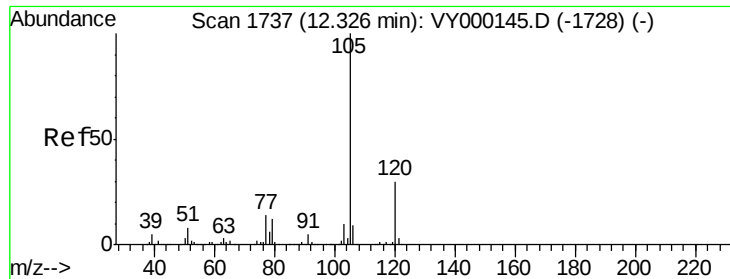
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.047 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 105 Resp: 202482

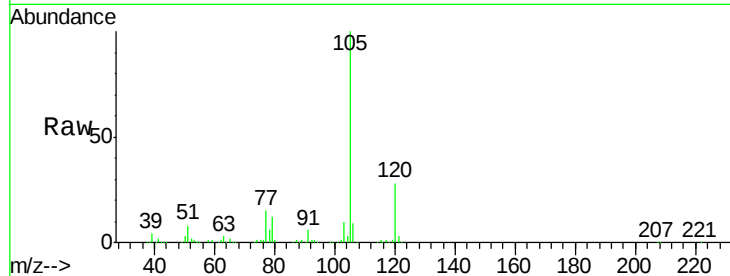
Ion Ratio Lower Upper

105 100

120 28.6 14.7 44.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

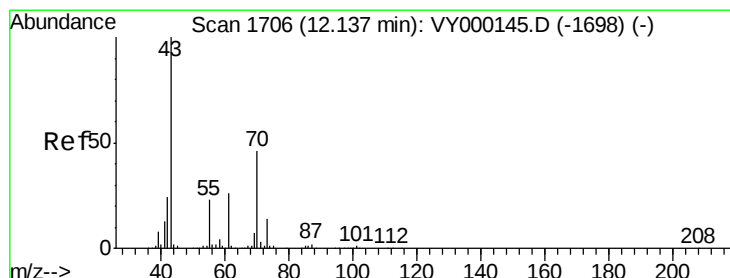
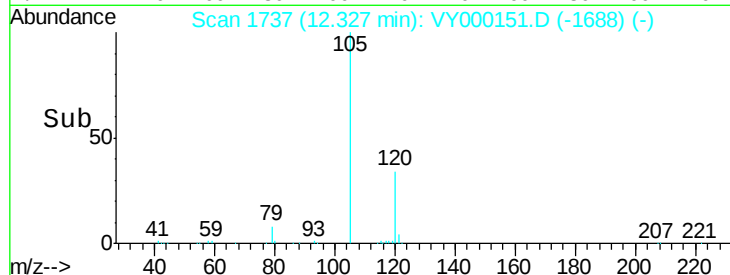
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.422 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Tgt Ion: 43 Resp: 45228

Ion Ratio Lower Upper

43 100

70 48.5 37.3 55.9

55 23.7 18.6 27.8

61 27.5 21.0 31.4

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

40000

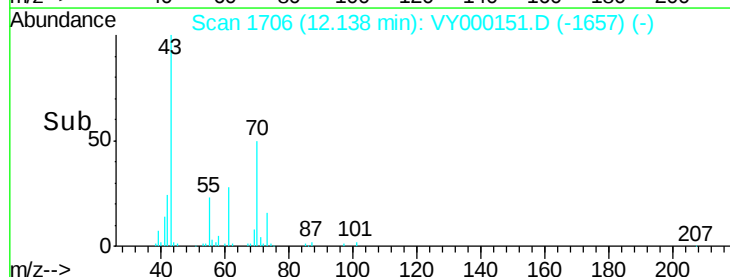
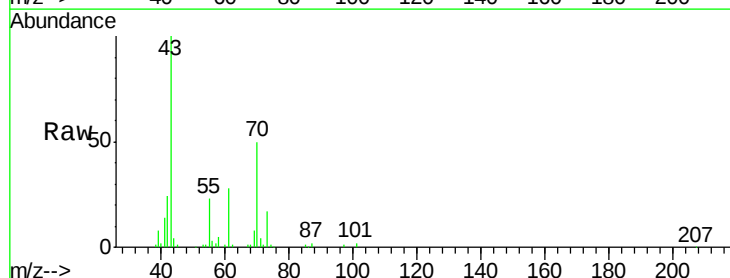
30000

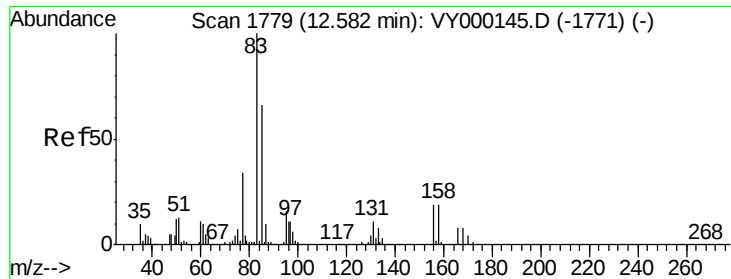
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.483 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

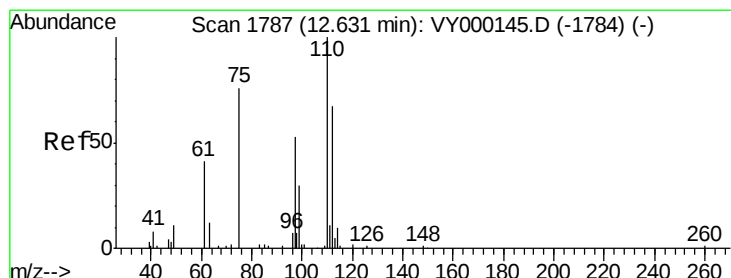
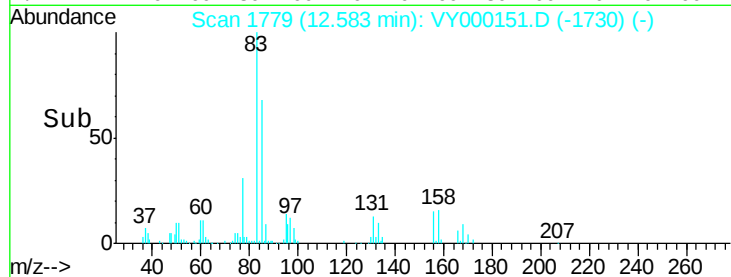
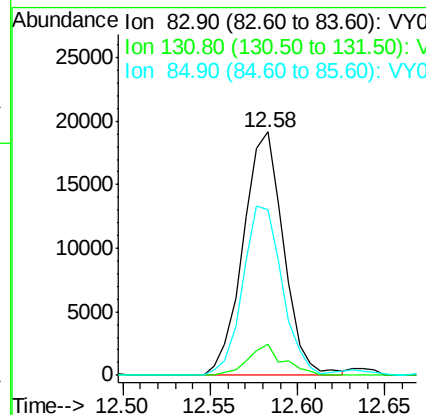
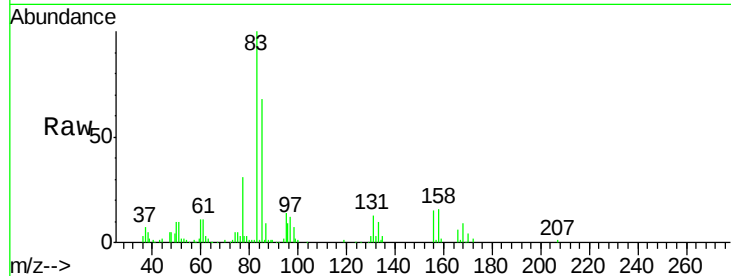
ClientSampleId :

VY0926SBS01

Tot Ion:	83	Resp:	30674
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	67.8	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.991 ug/l m

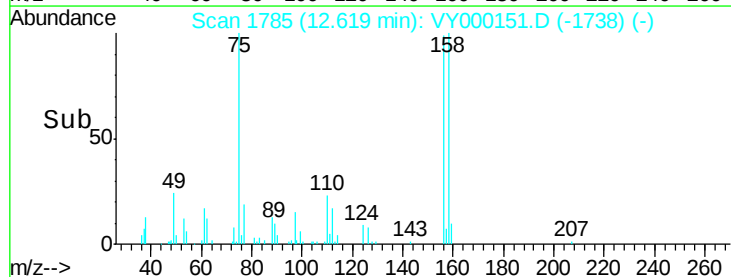
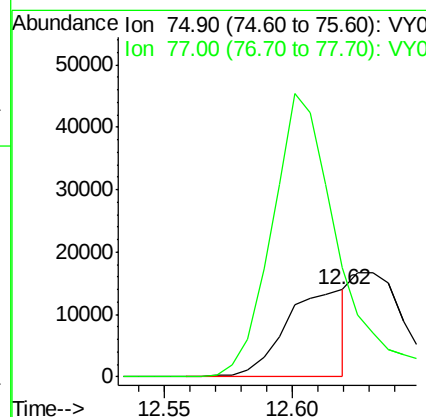
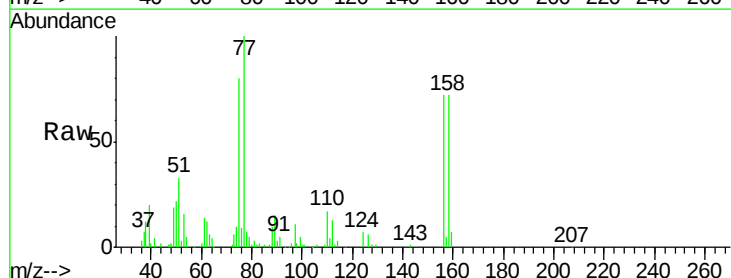
RT: 12.62 min Scan# 1785

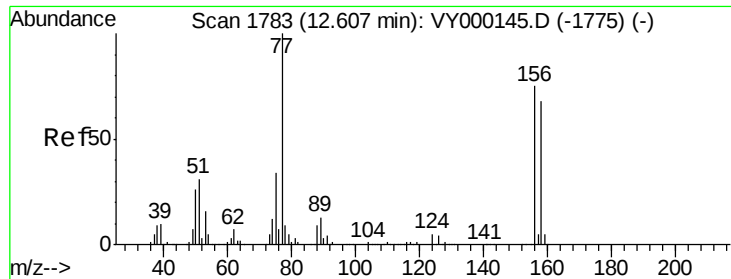
Delta R.T. -0.01 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Tgt Ion:	75	Resp:	22802
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.031 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion:156 Resp: 49985

Ion Ratio Lower Upper

156 100

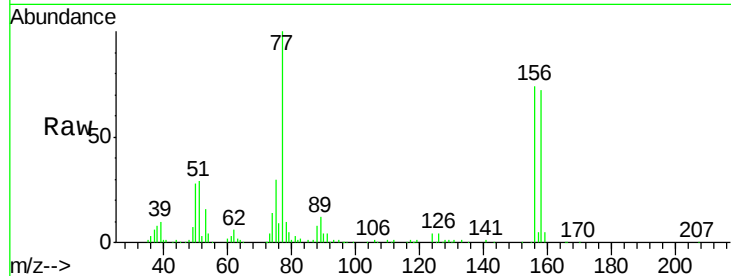
77 161.0 83.0 249.2

158 95.7 47.4 142.2

Manual Integrations
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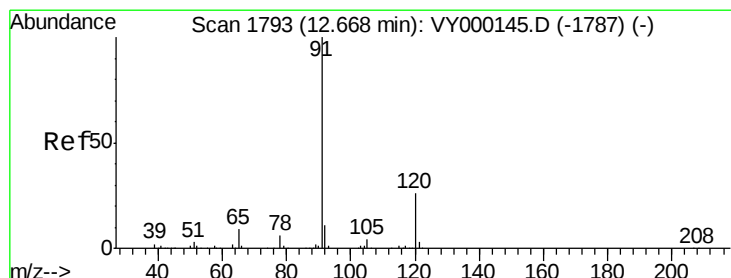
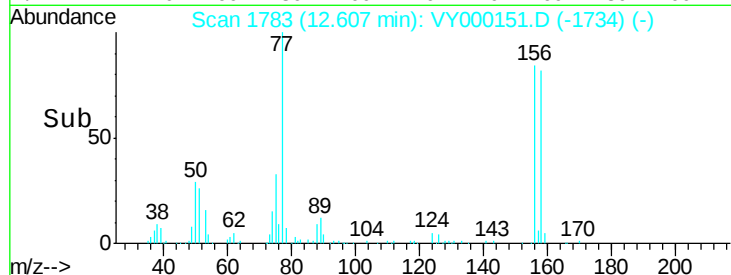
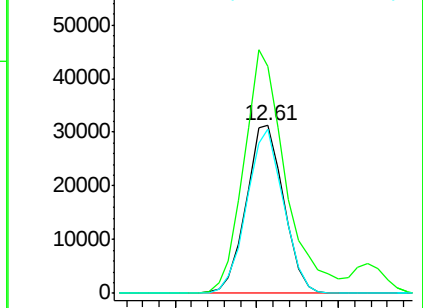
10/2/2019 9:13:19 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.144 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000151.D

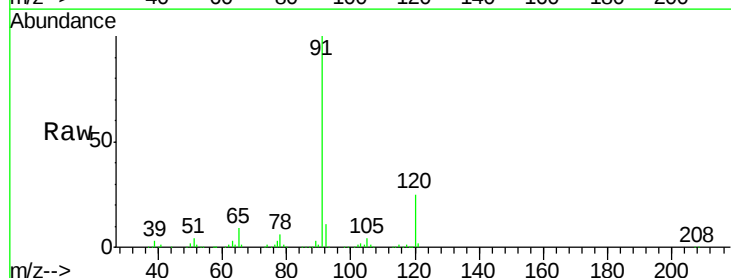
Acq: 26 Sep 2019 14:33

Tgt Ion: 91 Resp: 242487

Ion Ratio Lower Upper

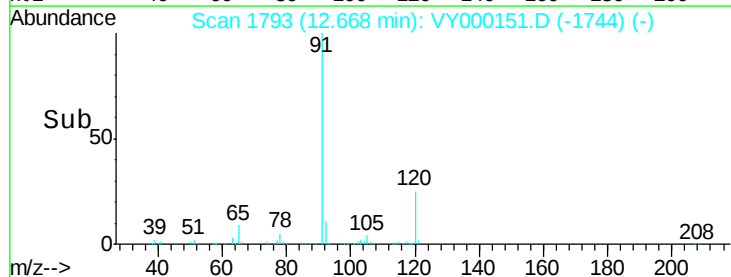
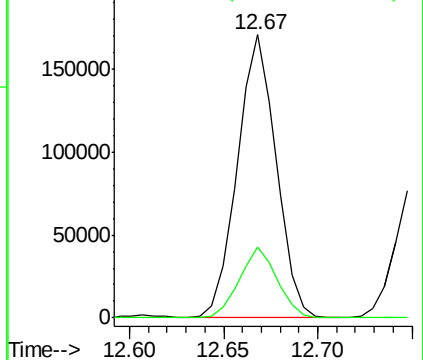
91 100

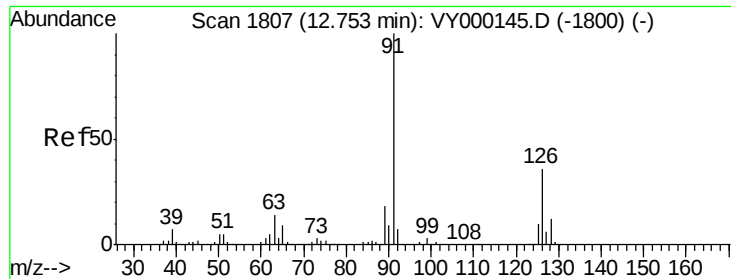
120 24.3 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.025 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion: 91 Resp: 131200

Ion Ratio Lower Upper

91 100

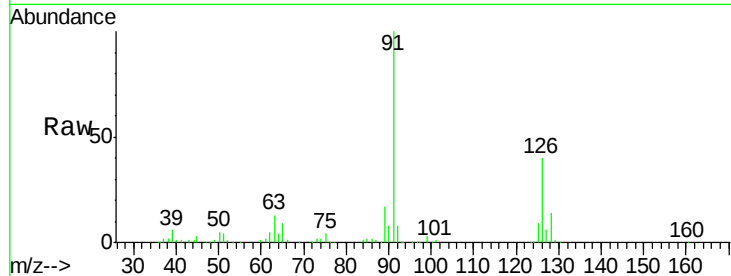
126 38.1 19.1 57.5

Manual Integrations

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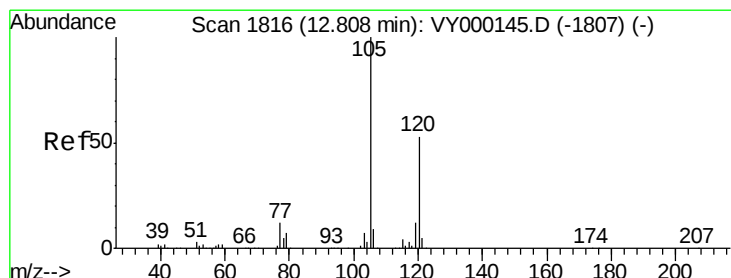
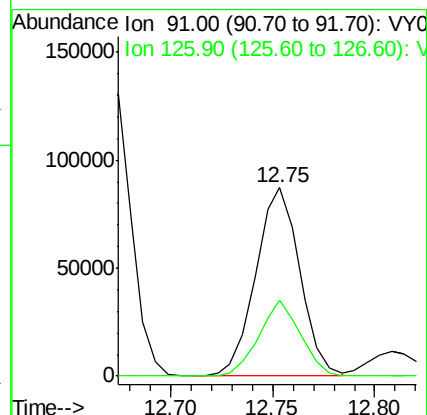
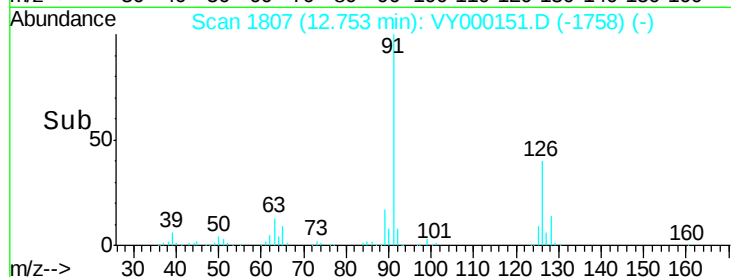
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Abundance Ion 91.00 (90.70 to 91.70): VY000151.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY000151.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.823 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000151.D

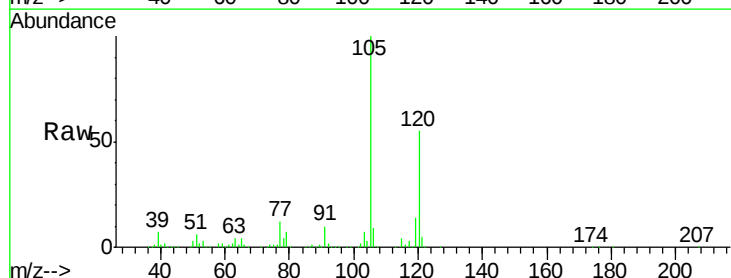
Acq: 26 Sep 2019 14:33

Tgt Ion: 105 Resp: 166647

Ion Ratio Lower Upper

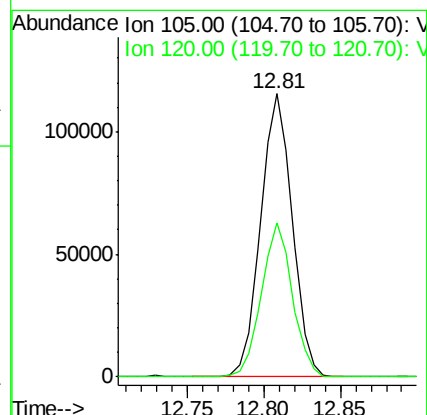
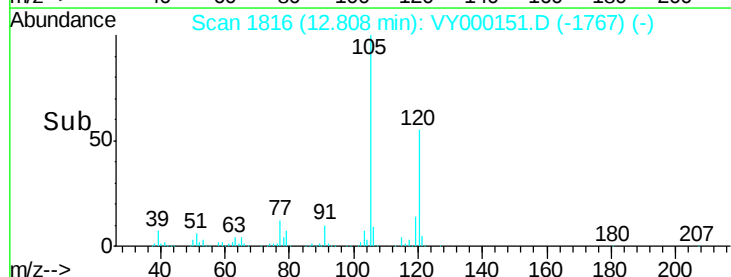
105 100

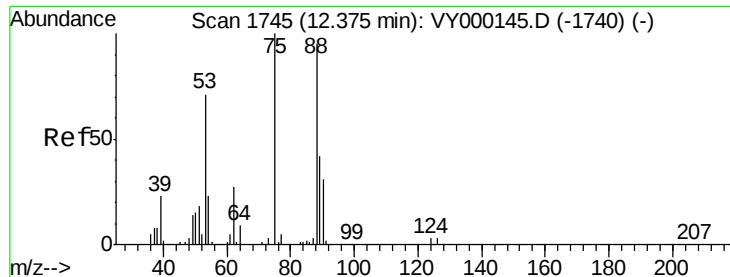
120 53.2 26.7 80.0



Abundance Ion 105.00 (104.70 to 105.70): VY000151.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000151.D (-1767) (-)





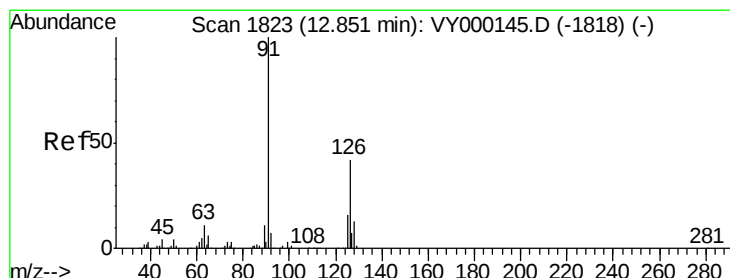
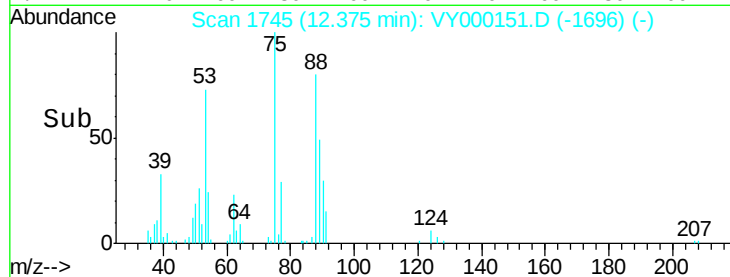
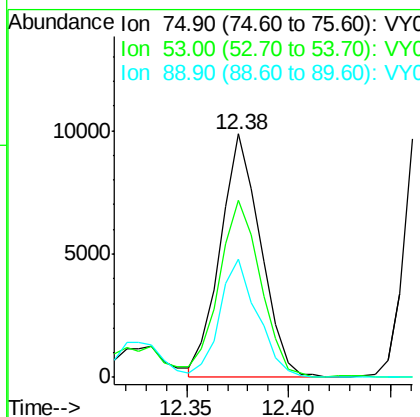
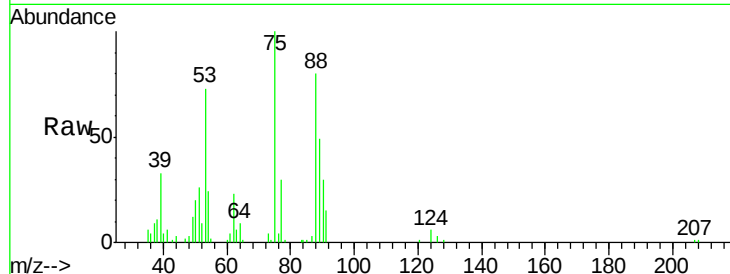
#81
trans-1,4-Dichloro-2-butene
Concen: 20.104 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	76.2	61.8	92.8
89	45.6	35.6	53.4

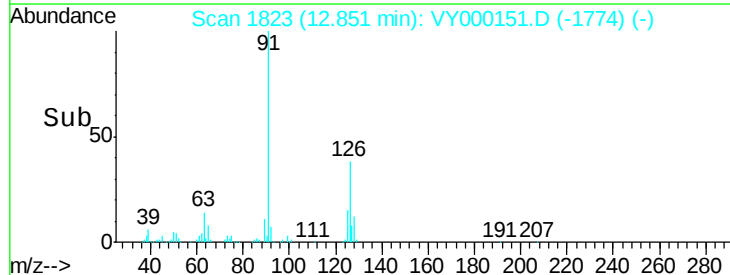
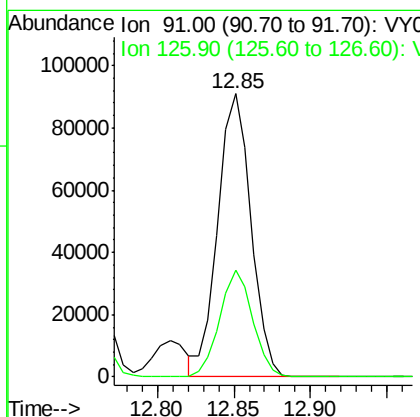
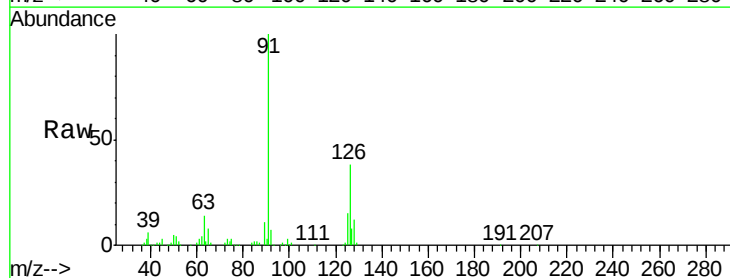
Manual Integrations
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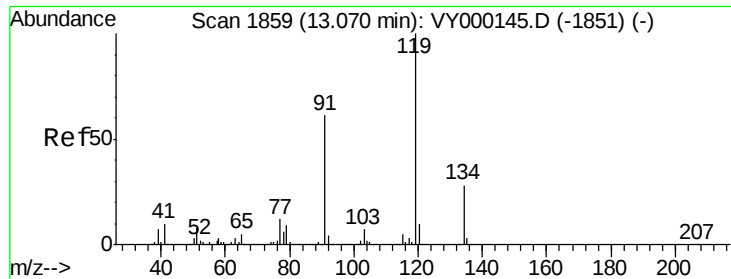
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#82
4-Chlorotoluene
Concen: 21.095 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.4	19.4	58.2





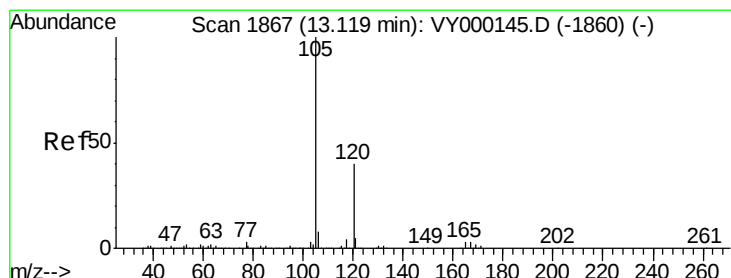
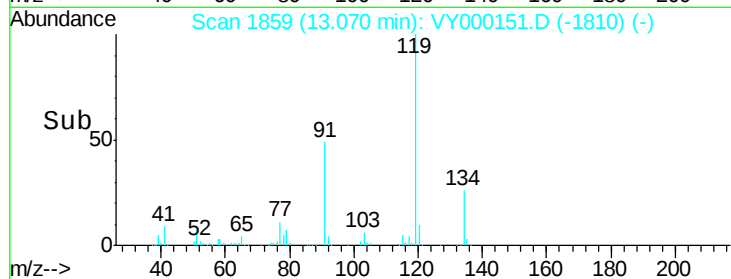
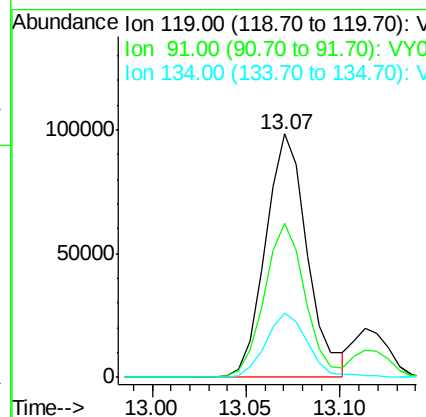
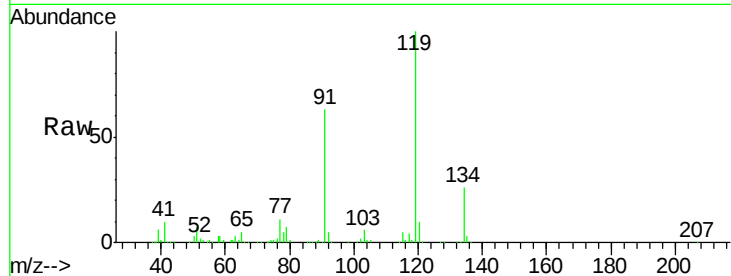
#83
tert-Butylbenzene
Concen: 21.932 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	151153		
91	61.5	31.0	93.0	
134	26.7	14.0	41.9	

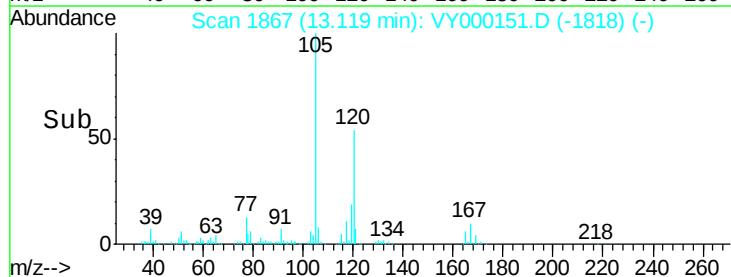
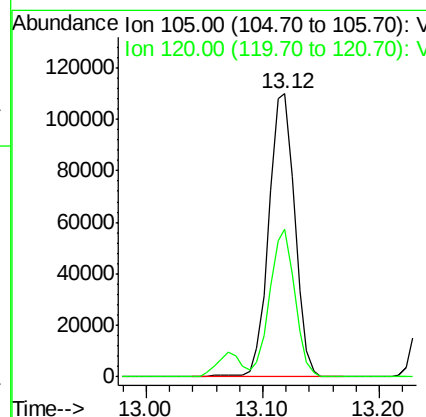
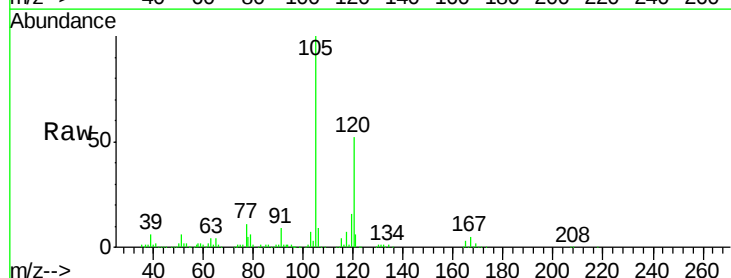
Manual Integrations
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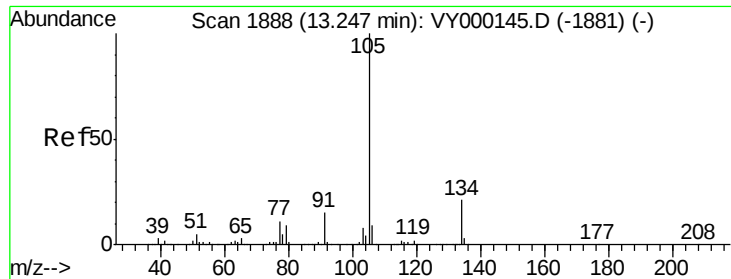
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#84
1,2,4-Trimethylbenzene
Concen: 20.887 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168930		
120	50.2	24.6	73.8	





#85

sec-Butylbenzene

Concen: 21.014 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBS01

Tot Ion:105 Resp: 207925

Ion Ratio Lower Upper

105 100

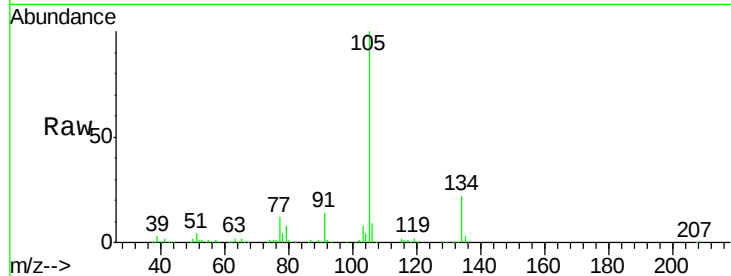
134 21.9 10.9 32.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

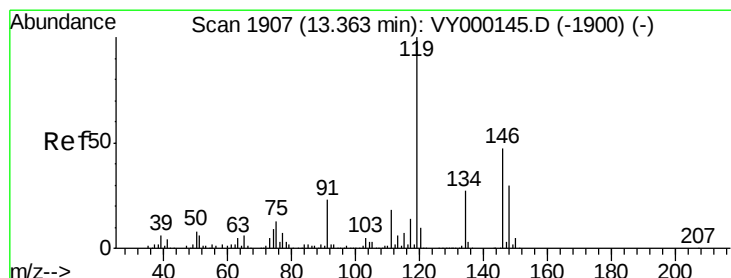
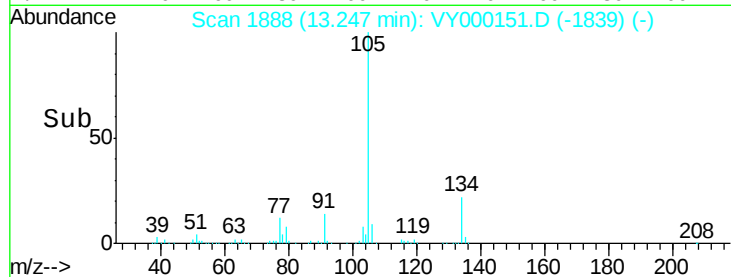
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.418 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000151.D

Acq: 26 Sep 2019 14:33

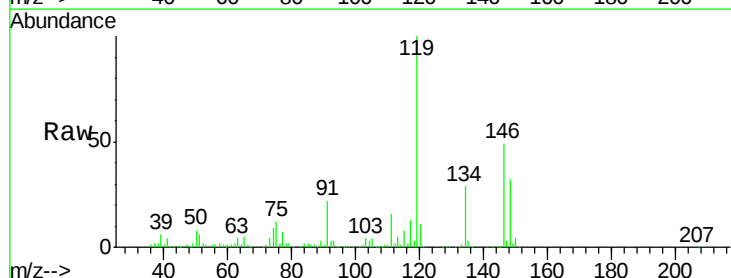
Tgt Ion:119 Resp: 188720

Ion Ratio Lower Upper

119 100

134 27.6 14.3 42.9

91 22.4 11.4 34.1



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

13.36

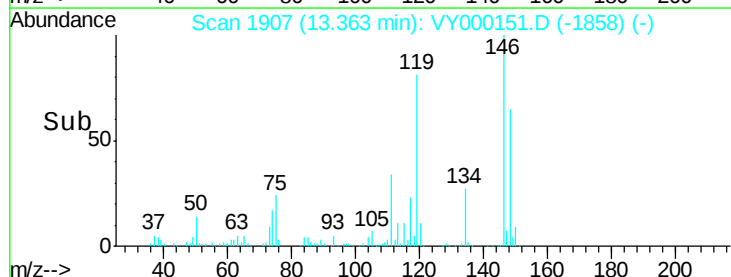
150000

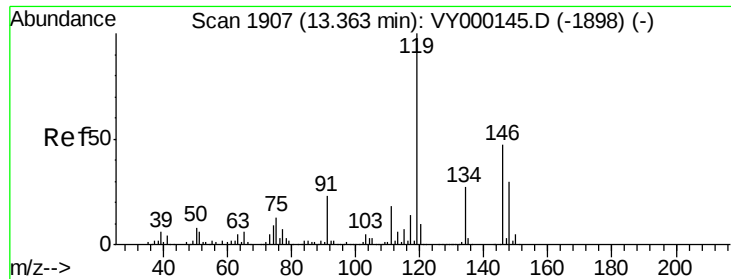
100000

50000

0

Time-->





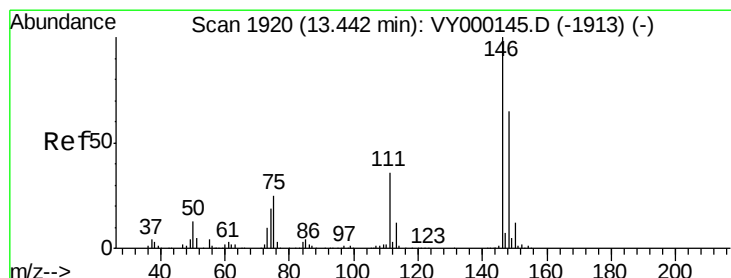
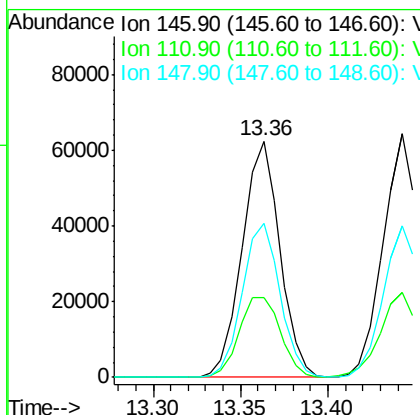
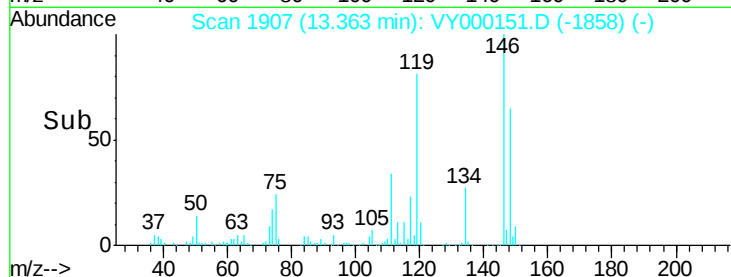
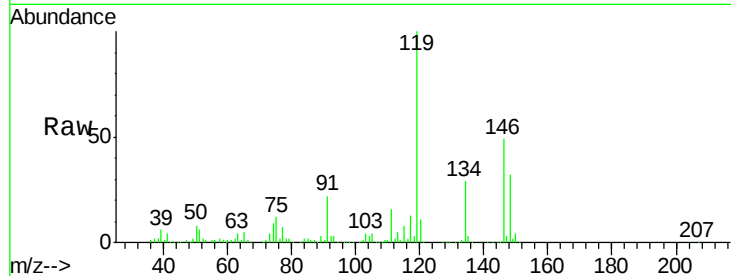
#87
 1,3-Dichlorobenzene
 Concen: 20.561 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.0	57.0
148	65.4	31.6	94.8

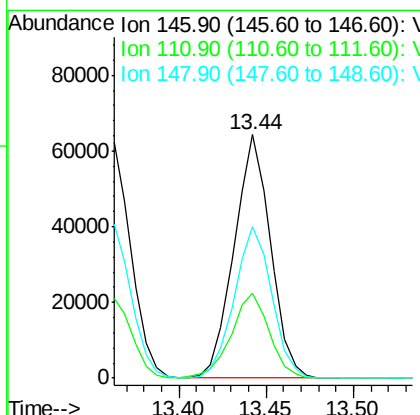
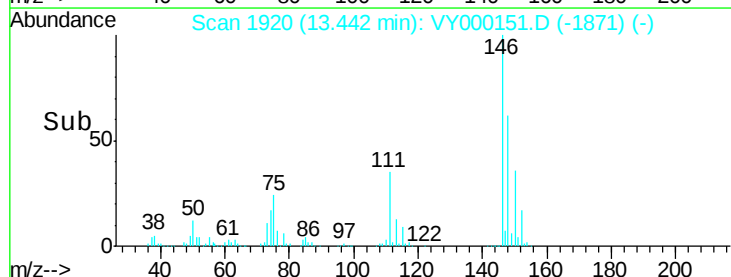
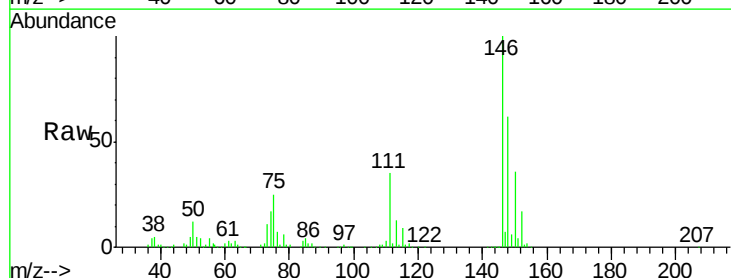
Manual Integrations
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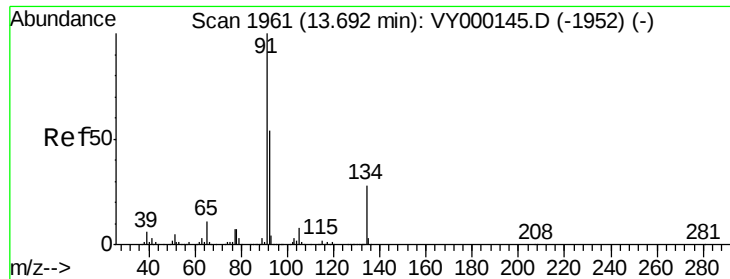
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#88
 1,4-Dichlorobenzene
 Concen: 20.515 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.3	54.9
148	63.9	31.9	95.7





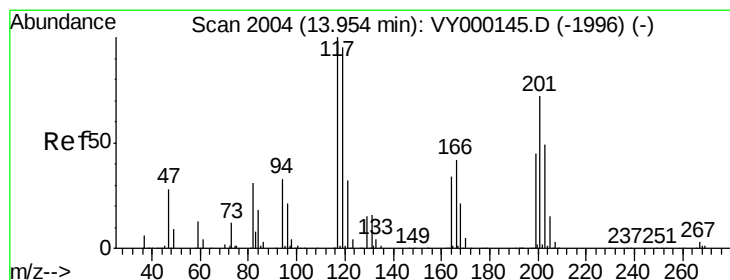
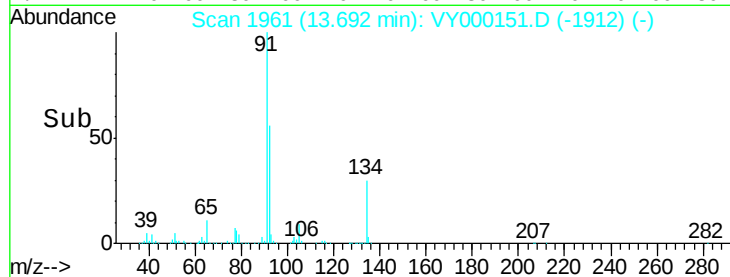
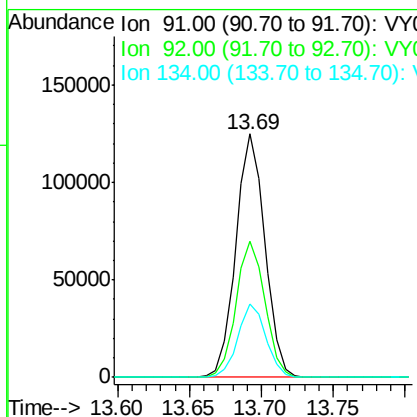
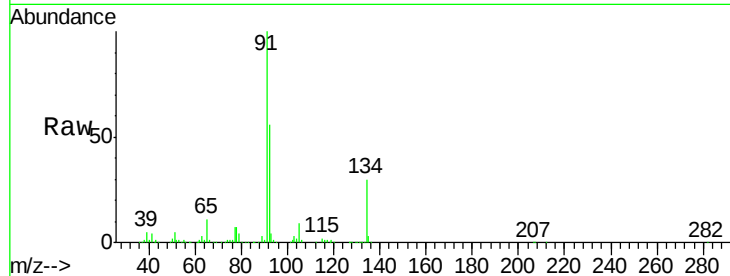
#89
n-Butylbenzene
Concen: 20.918 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	175161		
92	55.9	26.8	80.4	
134	29.2	14.4	43.2	

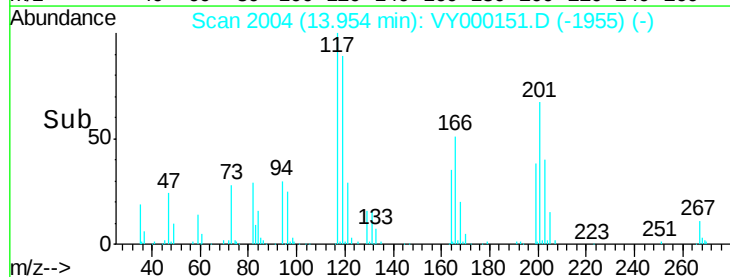
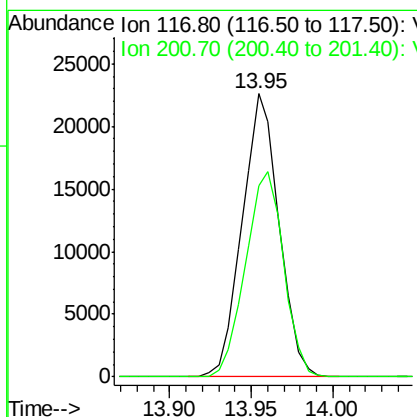
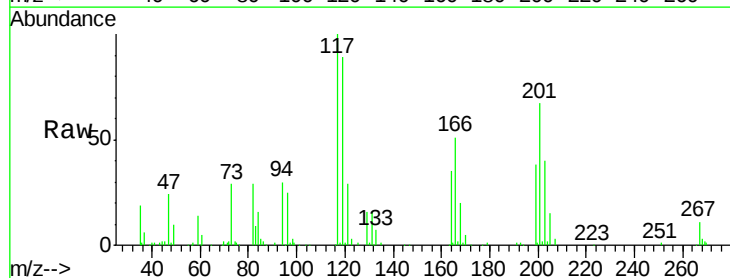
Manual Integrations
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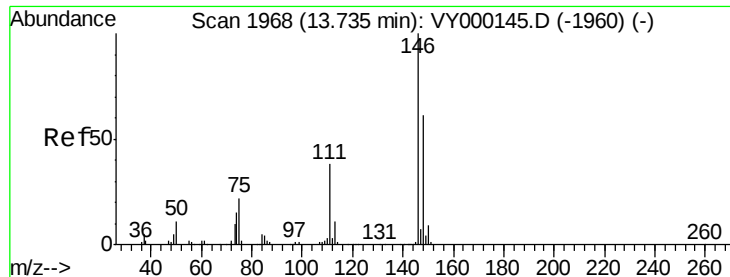
MMDadoda
10/2/2019 9:13:19 AM



#90
Hexachloroethane
Concen: 21.317 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35485		
201	74.8	38.6	115.8	





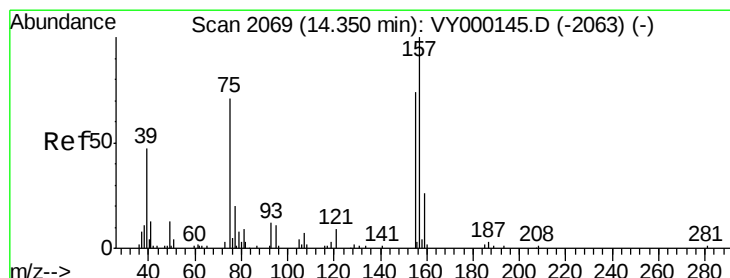
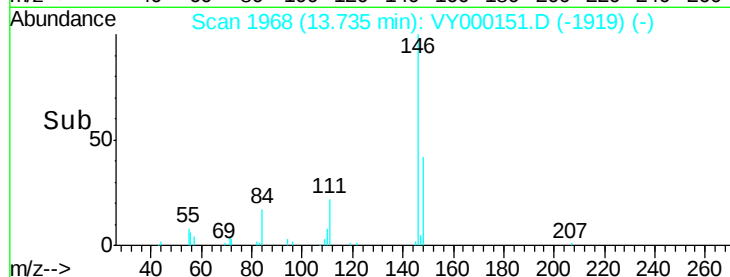
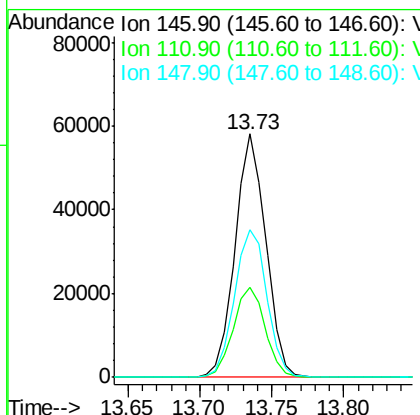
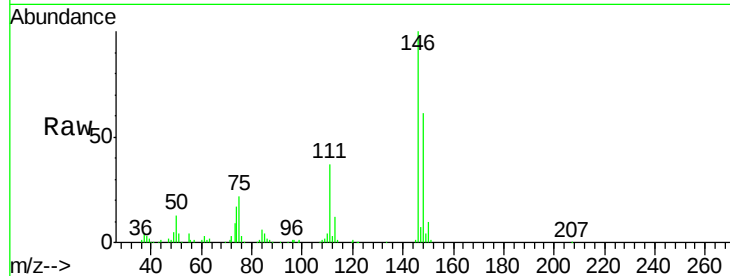
#91
 1,2-Dichlorobenzene
 Concen: 20.759 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	64.2	31.9	95.7

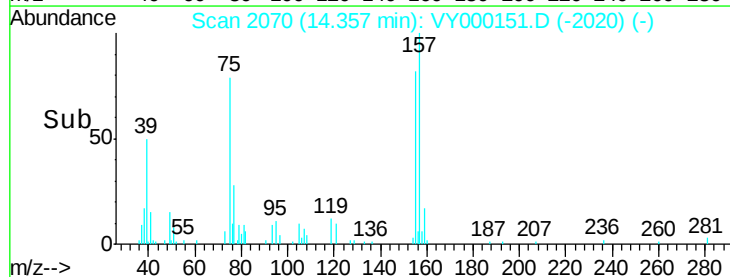
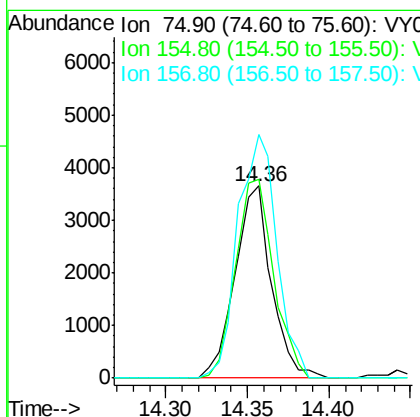
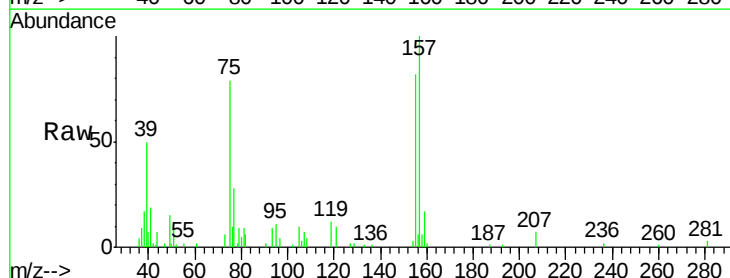
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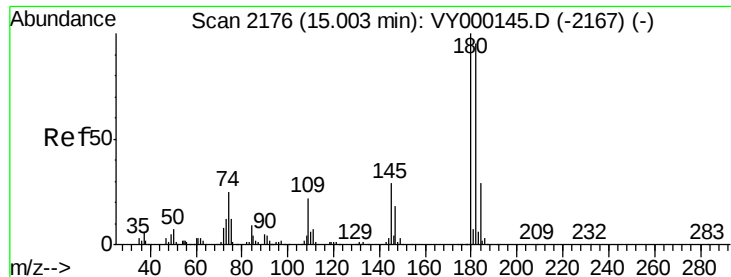
MMDadoda
 10/2/2019 9:13:19 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.230 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.3	51.3	153.9
157	135.3	67.3	201.8





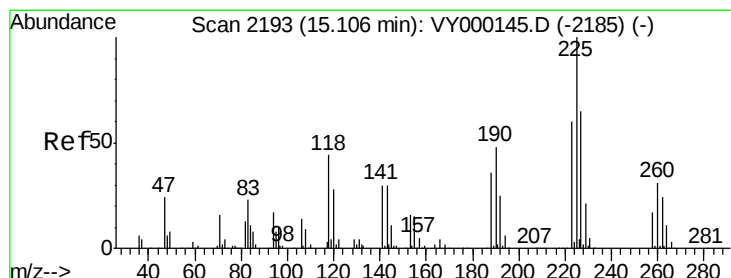
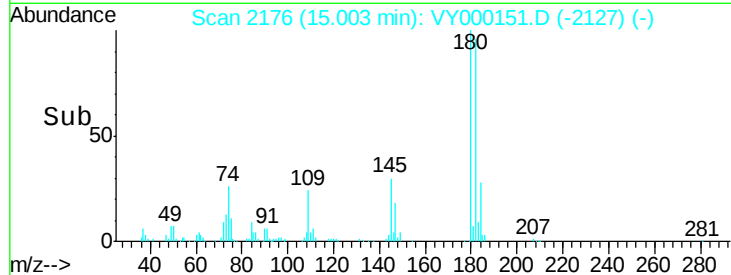
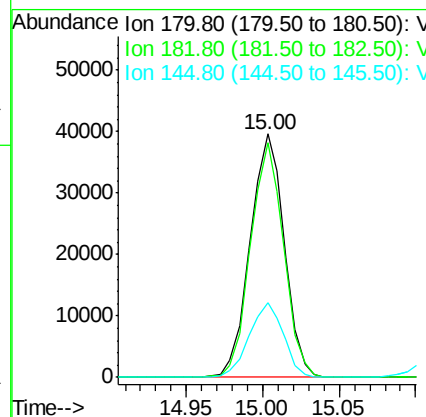
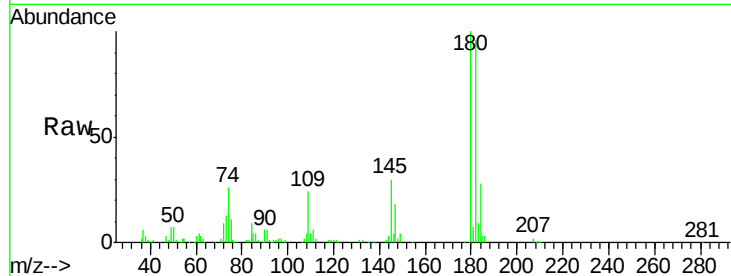
#93
 1,2,4-Trichlorobenzene
 Concen: 21.282 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	61436		
182	93.4	47.0	141.2	
145	30.5	14.6	44.0	

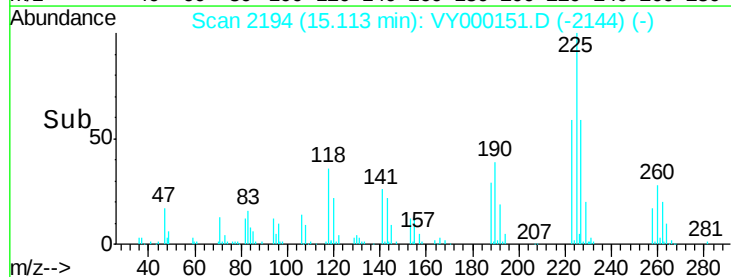
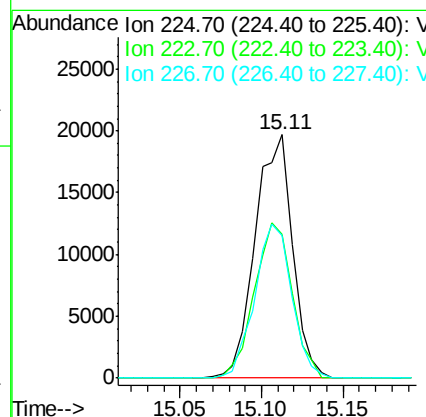
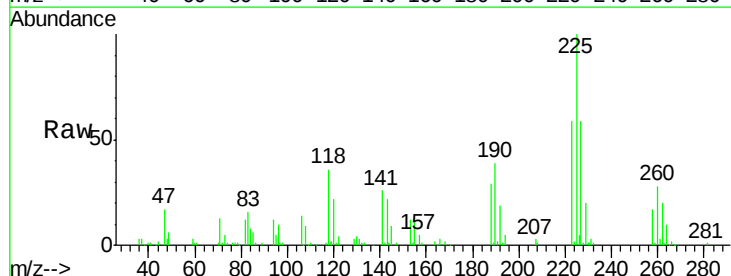
Manual Integrations
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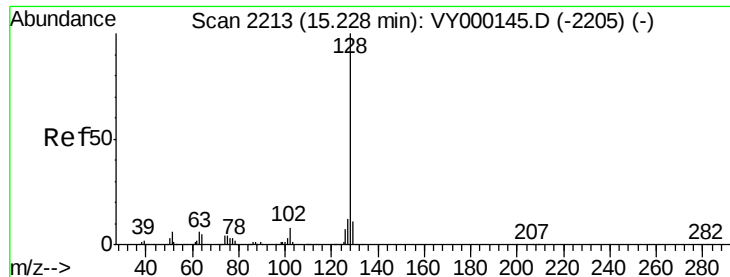
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 10/2/2019 9:13:19 AM



#94
 Hexachlorobutadiene
 Concen: 22.244 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000151.D
 Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31331		
223	64.8	31.5	94.5	
227	63.3	32.4	97.0	





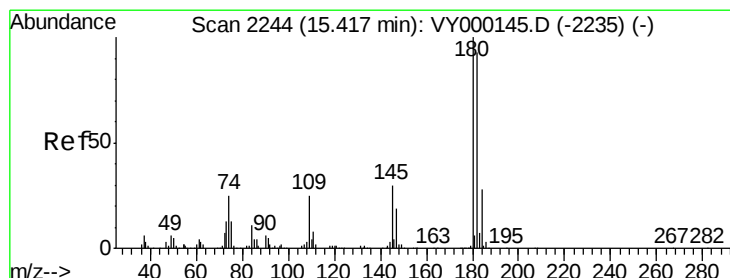
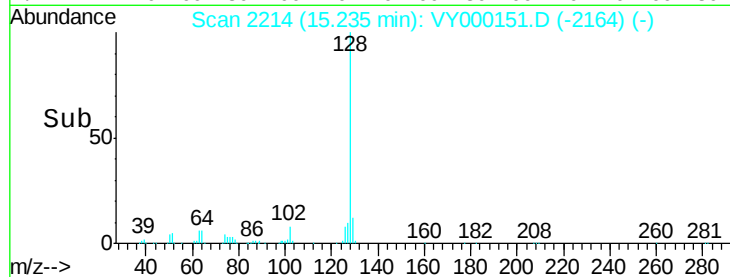
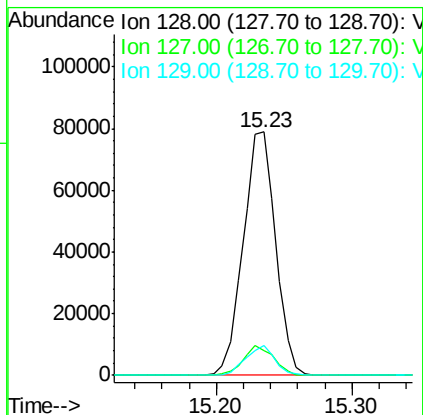
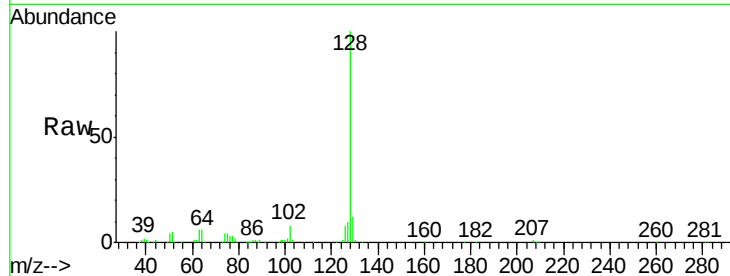
#95
Naphthalene
Concen: 20.327 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	11.6	9.5	14.3
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.370 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000151.D
Acq: 26 Sep 2019 14:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	46.6	139.7
145	32.9	15.4	46.4

