

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000855.D
 Acq On : 04 Dec 2019 12:05
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Manual Integrations
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 12/5/2019 2:58:35 PM

Quant Time: Dec 05 08:06:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	562626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	509862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241150	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	177996	51.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.70%	
35) Dibromofluoromethane	7.73	113	163390	49.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.66%	
50) Toluene-d8	10.18	98	687793	52.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	238119	48.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	66444	19.106	ug/l	98
3) Chloromethane	2.11	50	83086	19.382	ug/l	96
4) Vinyl Chloride	2.25	62	81043	19.183	ug/l	100
5) Bromomethane	2.63	94	50927	18.478	ug/l	99
6) Chloroethane	2.79	64	48968	18.905	ug/l	100
7) Trichlorofluoromethane	3.13	101	114049	19.698	ug/l	93
8) Diethyl Ether	3.53	74	42245	19.386	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	68844	19.255	ug/l	98
10) Methyl Iodide	4.10	142	81357	18.073	ug/l	99
11) Tert butyl alcohol	4.97	59	32201	93.240	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	70192	19.816	ug/l	89
13) Acrolein	3.73	56	39318	115.573	ug/l	98
14) Allyl chloride	4.48	41	119401	19.659	ug/l	100
15) Acrylonitrile	5.18	53	113416	100.791	ug/l	99
16) Acetone	3.95	43	78735	99.986	ug/l	94
17) Carbon Disulfide	4.19	76	222703	19.440	ug/l	97
18) Methyl Acetate	4.49	43	69523	21.115	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	188560	19.933	ug/l	99
20) Methylene Chloride	4.72	84	84413	20.336	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	76646	19.038	ug/l	99
22) Diisopropyl ether	6.13	45	249893	20.019	ug/l	96
23) Vinyl Acetate	6.07	43	769739	101.431	ug/l	98
24) 1,1-Dichloroethane	6.02	63	134865	19.602	ug/l	99
25) 2-Butanone	7.00	43	144928	99.631	ug/l	97
26) 2,2-Dichloropropane	6.99	77	109638	18.934	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	87676	20.147	ug/l	97
28) Bromochloromethane	7.35	49	31893	14.149	ug/l	95
29) Tetrahydrofuran	7.36	42	101161	104.947	ug/l	98
30) Chloroform	7.52	83	128809	18.663	ug/l	96
31) Cyclohexane	7.79	56	138623	19.020	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	108728	19.078	ug/l	99
36) 1,1-Dichloropropene	7.92	75	106738	19.080	ug/l	99
37) Ethyl Acetate	7.08	43	65833	20.381	ug/l #	94
38) Carbon Tetrachloride	7.91	117	97791	19.629	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	141542	19.097	ug/l	98
40) Benzene	8.17	78	321041	19.702	ug/l	97
41) Methacrylonitrile	7.33	41	29728m	17.462	ug/l	
42) 1,2-Dichloroethane	8.24	62	84517	19.722	ug/l	98
43) Isopropyl Acetate	8.28	43	115766	19.018	ug/l	99
44) Trichloroethene	8.94	130	83958	20.048	ug/l	88
45) 1,2-Dichloropropane	9.22	63	81353	19.876	ug/l	100
46) Dibromomethane	9.31	93	43421	20.304	ug/l	97
47) Bromodichloromethane	9.50	83	97808	19.469	ug/l	99
48) Methyl methacrylate	9.29	41	53764	20.086	ug/l	97
49) 1,4-Dioxane	9.30	88	12170	401.627	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	319250	101.507	ug/l	97
52) Toluene	10.24	92	199764	19.800	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	106065	19.651	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	126297	19.797	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	62630	19.822	ug/l	96
56) Ethyl methacrylate	10.51	69	90215	19.960	ug/l	98
57) 1,3-Dichloropropane	10.79	76	113231	20.562	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	188163	103.246	ug/l	100
59) 2-Hexanone	10.83	43	221842	96.800	ug/l	100
60) Dibromochloromethane	10.98	129	65515	19.262	ug/l	100
61) 1,2-Dibromoethane	11.09	107	59248	19.897	ug/l	99
64) Tetrachloroethene	10.72	164	89046	20.102	ug/l	93
65) Chlorobenzene	11.52	112	207100	19.541	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69192	19.373	ug/l	99
67) Ethyl Benzene	11.59	91	377961	19.149	ug/l	100
68) m/p-Xylenes	11.70	106	282827	38.176	ug/l	99
69) o-Xylene	12.03	106	136178	19.714	ug/l	98
70) Styrene	12.04	104	230654	19.501	ug/l	99
71) Bromoform	12.20	173	39396	19.557	ug/l #	97
73) Isopropylbenzene	12.33	105	358389	18.665	ug/l	99
74) N-amyl acetate	12.14	43	101872	19.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	70842	18.725	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	53201m	19.472	ug/l	
77) Bromobenzene	12.61	156	77331	18.580	ug/l	94
78) n-propylbenzene	12.67	91	438265	18.694	ug/l	99
79) 2-Chlorotoluene	12.75	91	240784	18.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	301467	18.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27617	19.855	ug/l	99
82) 4-Chlorotoluene	12.85	91	255197	19.125	ug/l	99
83) tert-Butylbenzene	13.07	119	252862	18.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	302942	19.046	ug/l	99
85) sec-Butylbenzene	13.25	105	372186	19.146	ug/l	98
86) p-Isopropyltoluene	13.37	119	326568	19.315	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	157782	19.325	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	160347	19.834	ug/l	99
89) n-Butylbenzene	13.69	91	326636	19.108	ug/l	99
90) Hexachloroethane	13.96	117	58369	18.741	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	141946	19.328	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13934	21.999	ug/l	87

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MSVOA_Y
ClientSampleId :
VY1204SBSD01

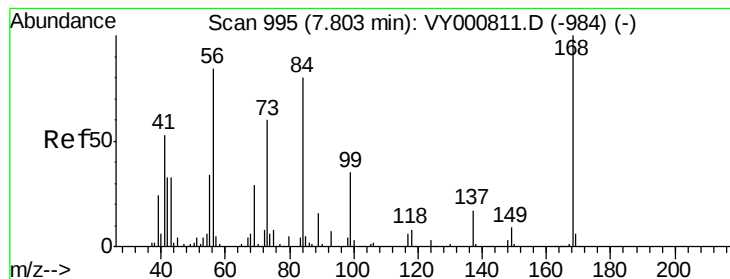
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	98882	19.897	ug/l	100
94) Hexachlorobutadiene	15.11	225	49040	19.903	ug/l	98
95) Naphthalene	15.23	128	233529	20.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88661	19.973	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:168 Resp: 323053

Ion Ratio Lower Upper

168 100

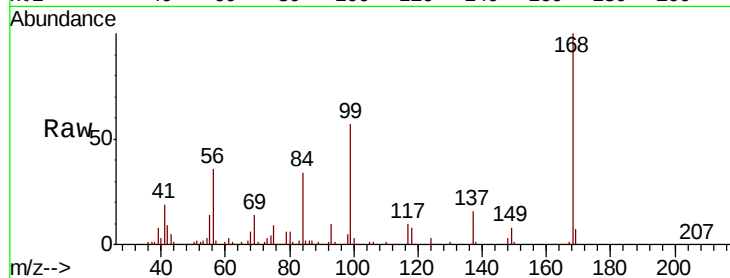
99 57.4 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

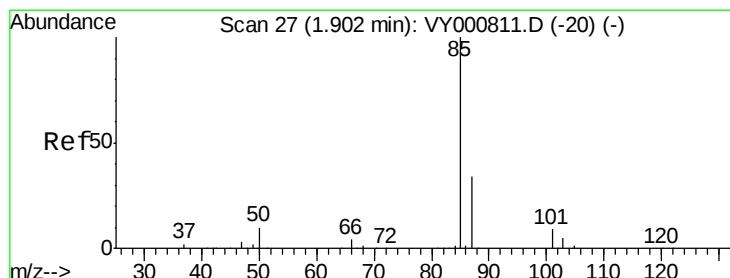
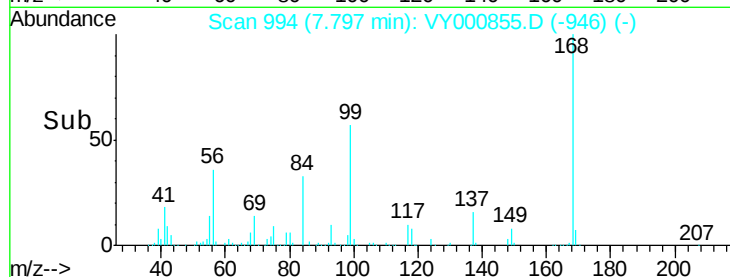
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.106 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000855.D

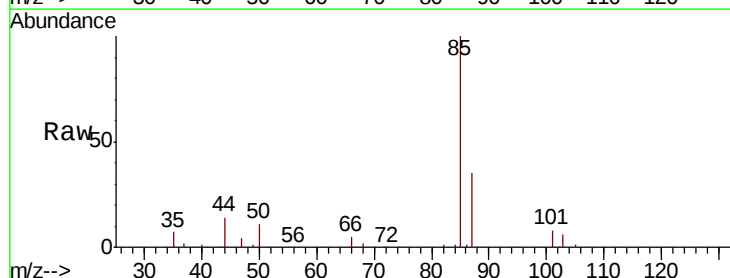
Acq: 04 Dec 2019 12:05

Tgt Ion: 85 Resp: 66444

Ion Ratio Lower Upper

85 100

87 34.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

40000

30000

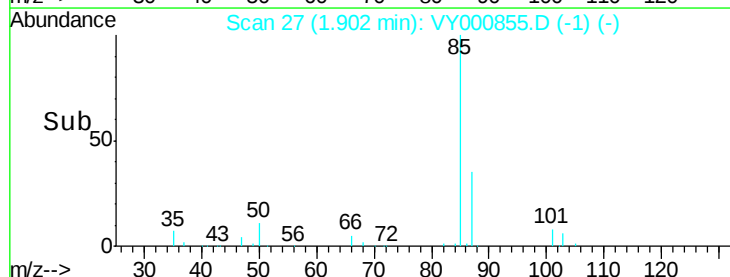
20000

10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.382 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 50 Resp: 83086

Ion Ratio Lower Upper

50 100

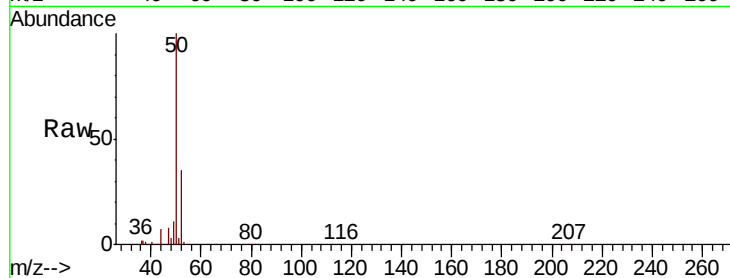
52 35.0 26.0 39.0

Manual Integrations

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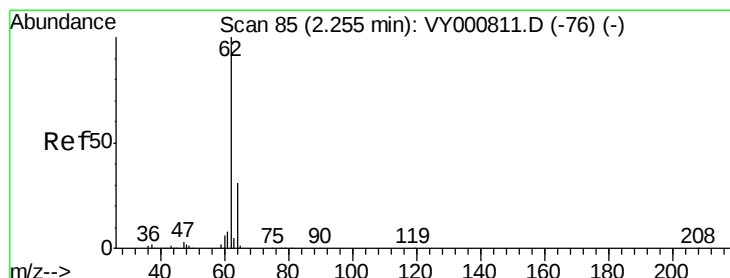
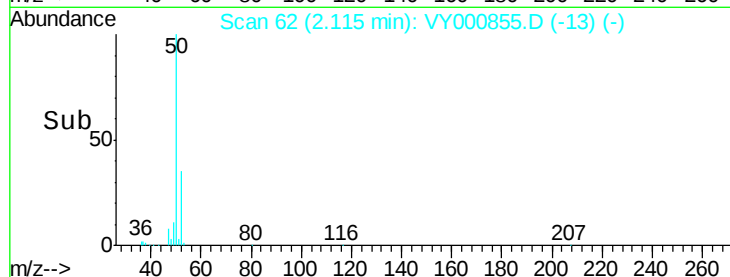
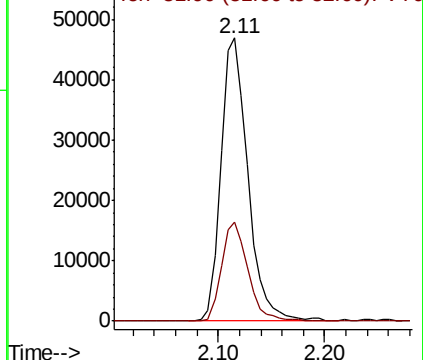
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.183 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000855.D

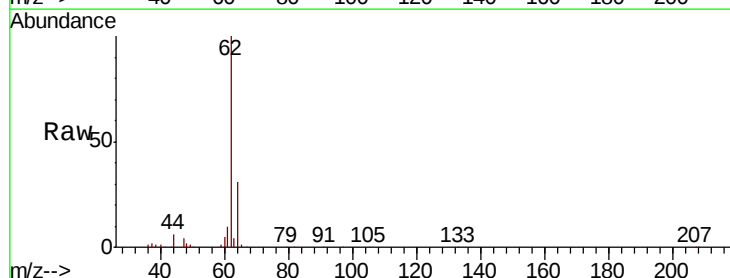
Acq: 04 Dec 2019 12:05

Tgt Ion: 62 Resp: 81043

Ion Ratio Lower Upper

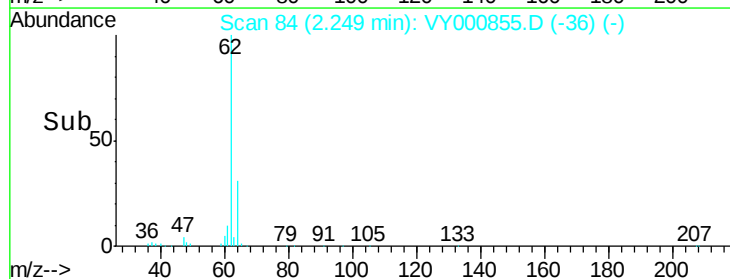
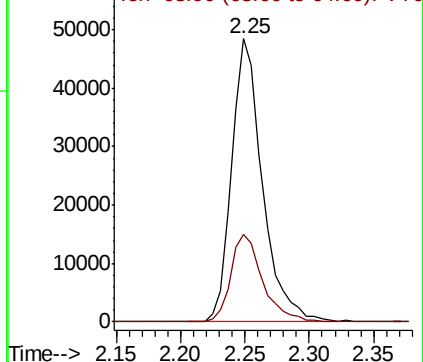
62 100

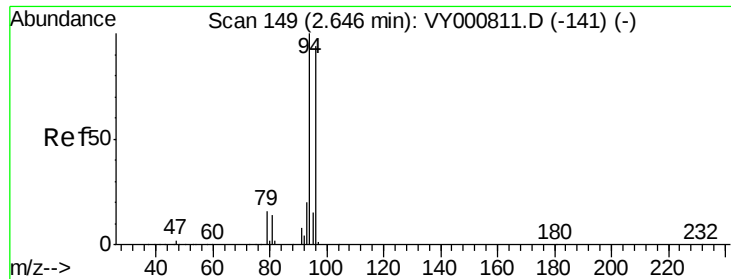
64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.478 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

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ClientSampleId :

VY1204SBS01

Tot Ion: 94 Resp: 50927

Ion Ratio Lower Upper

94 100

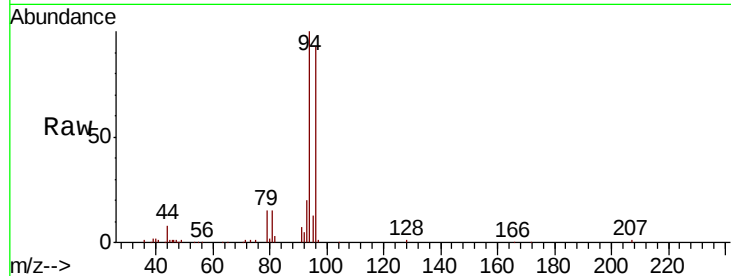
96 92.8 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

25000

20000

15000

10000

5000

0

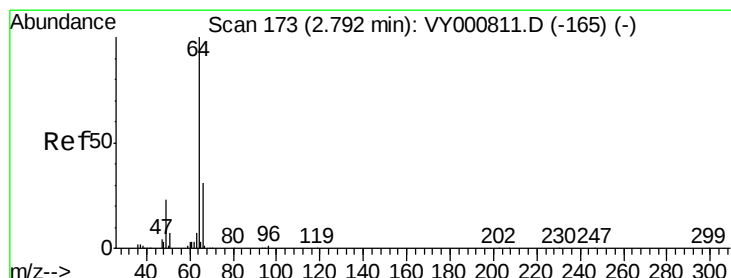
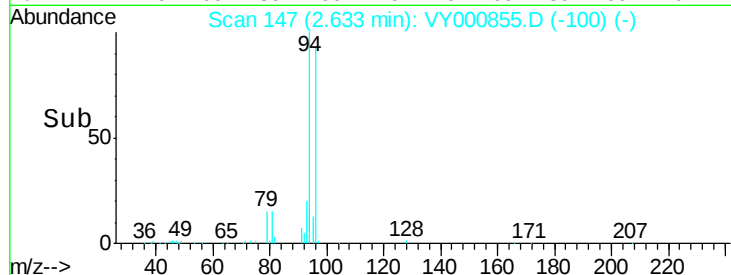
Time-->

2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 18.905 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000855.D

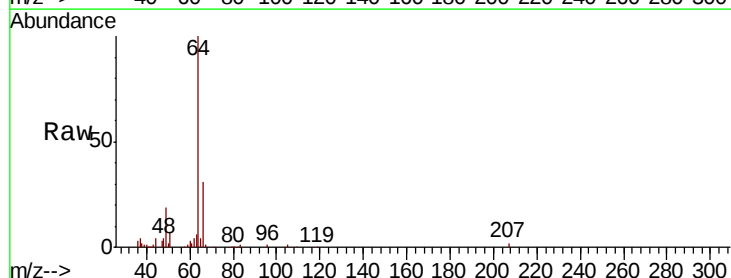
Acq: 04 Dec 2019 12:05

Tgt Ion: 64 Resp: 48968

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

15000

10000

5000

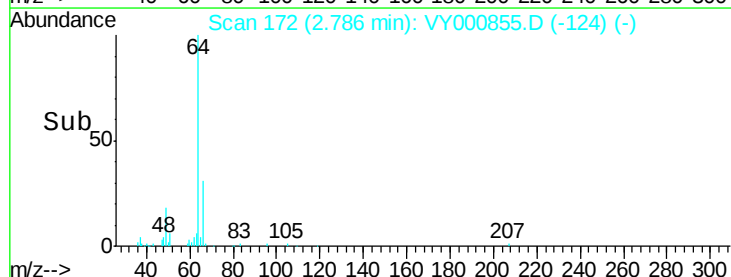
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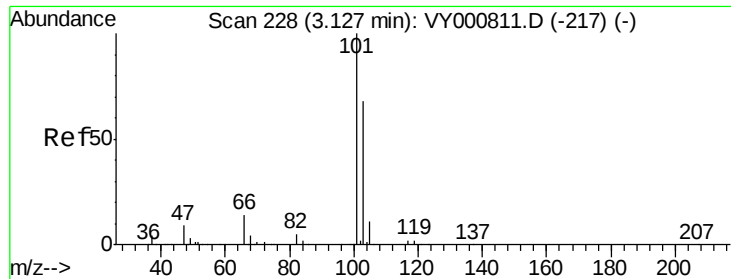
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2.70

2.80

2.90





#7

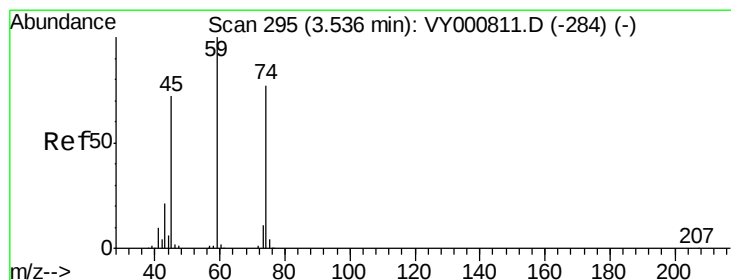
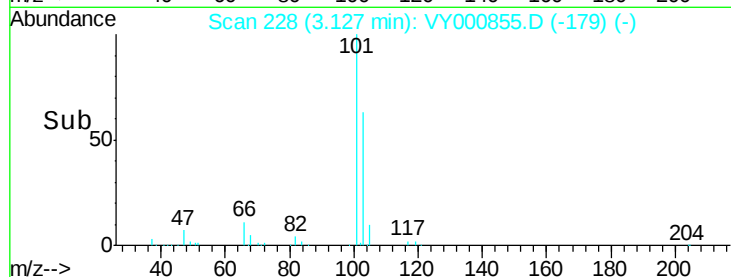
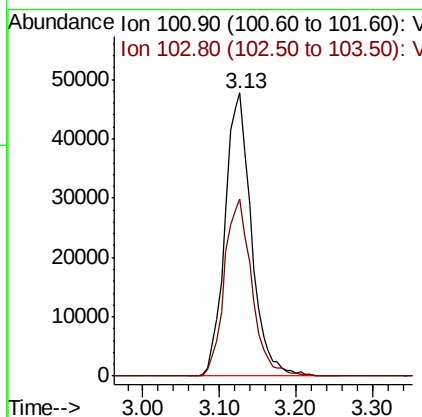
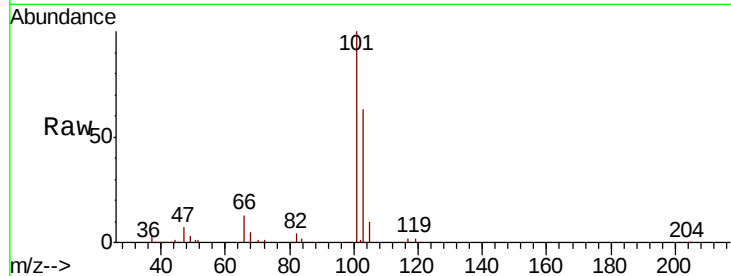
Trichlorofluoromethane
 Concen: 19.698 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	54.2	81.2

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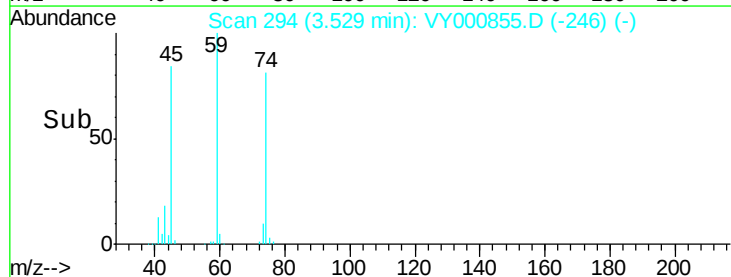
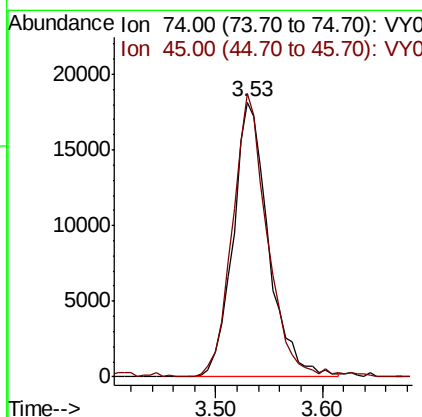
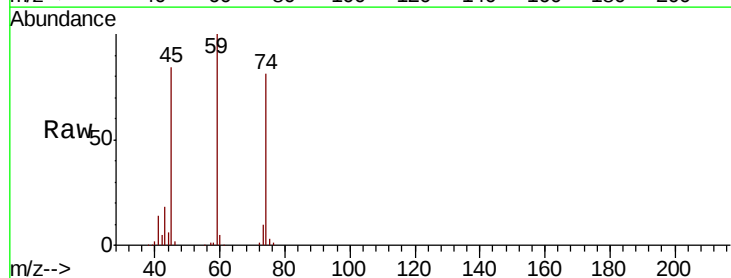
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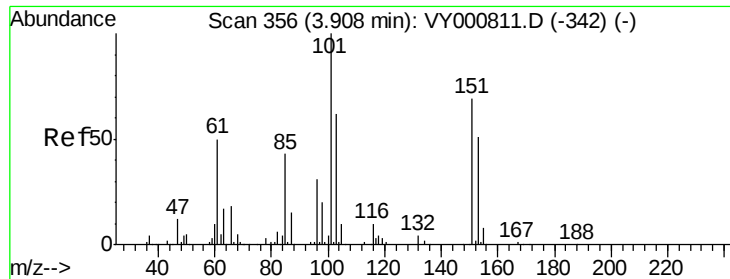


#8

Diethyl Ether
 Concen: 19.386 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.255 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

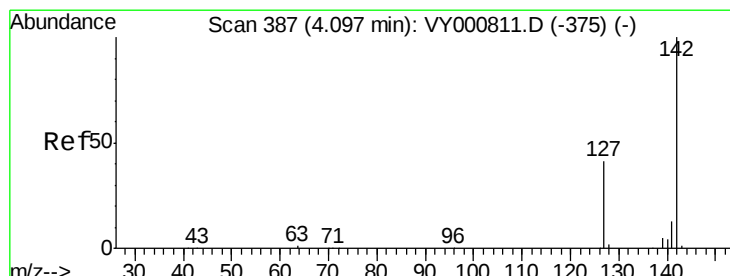
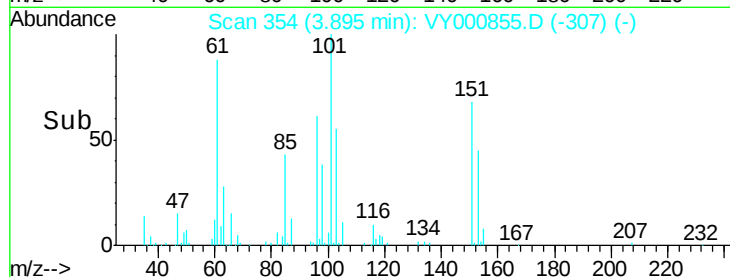
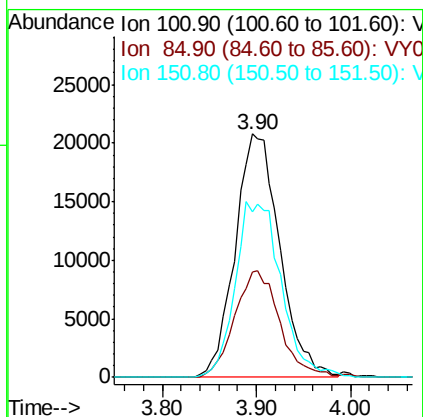
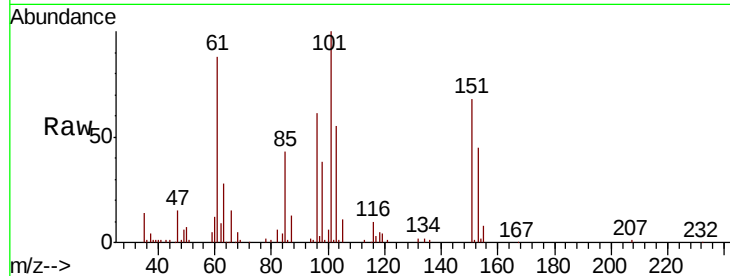
ClientSampleId :

VY1204SBS01

Tot Ion:	101	Resp:	68844
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	74.1	58.2	87.2

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#10

Methyl Iodide

Concen: 18.073 ug/l

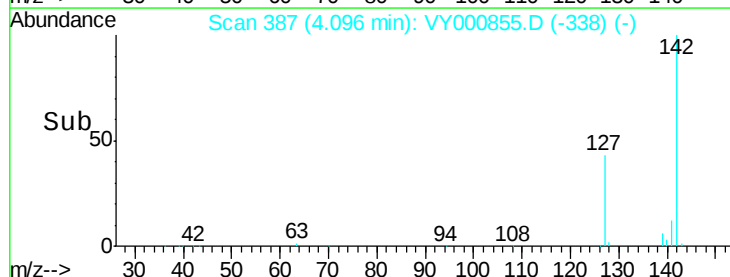
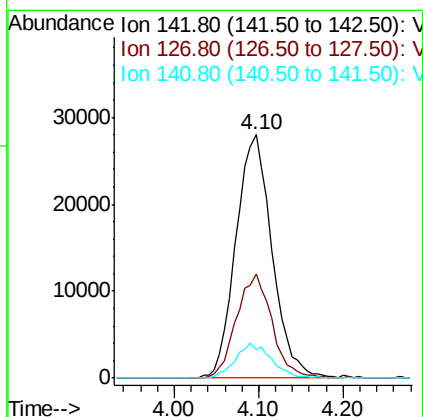
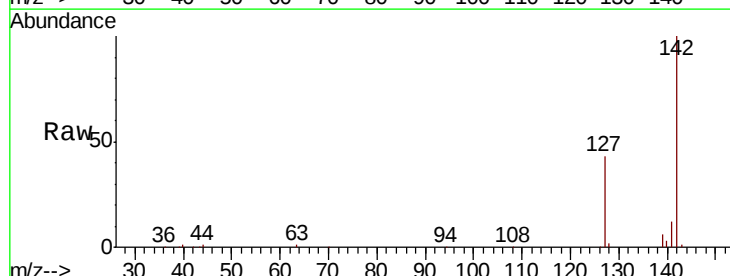
RT: 4.10 min Scan# 387

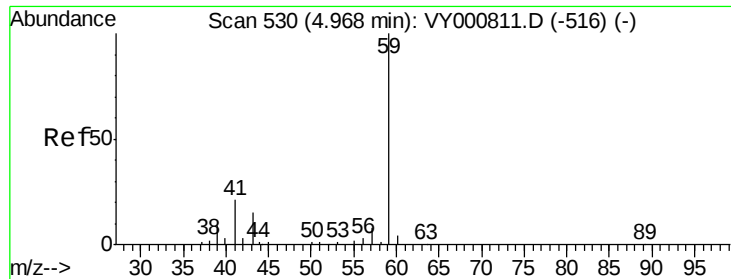
Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion:	142	Resp:	81357
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.8	50.8
141	14.0	10.9	16.3





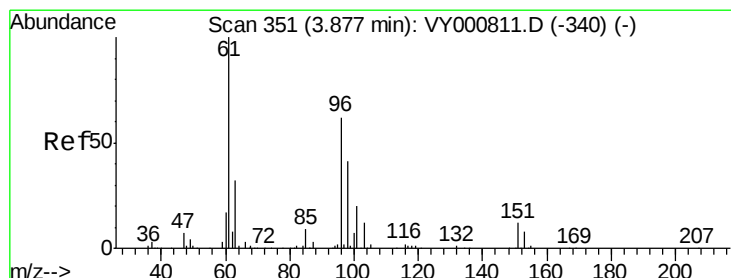
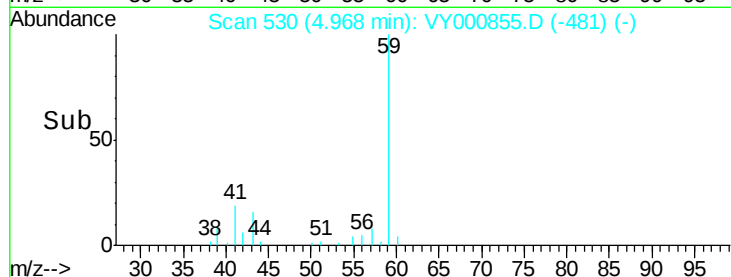
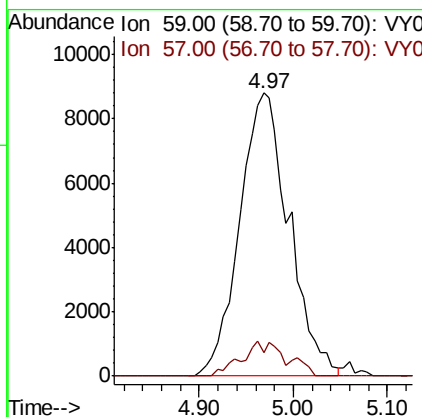
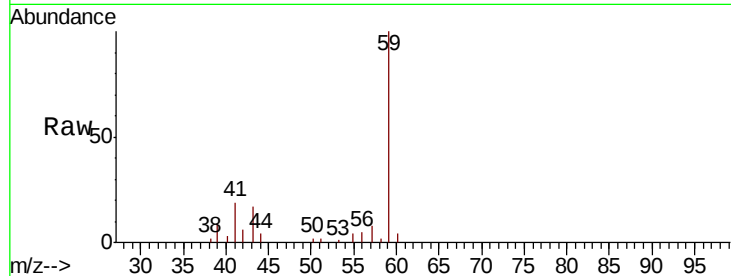
#11
Tert butyl alcohol
Concen: 93.240 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion: 59 Resp: 32201
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.6#

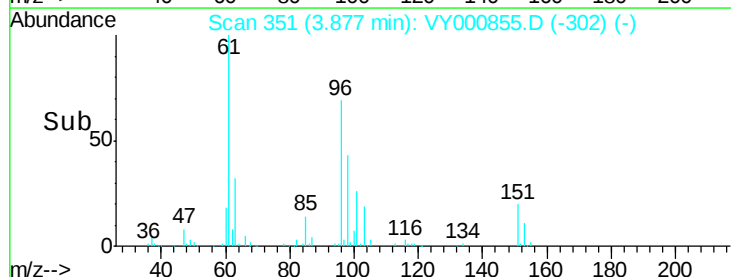
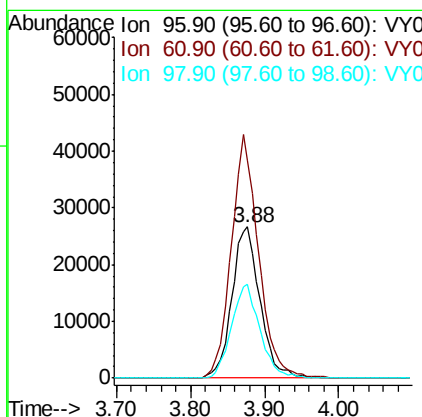
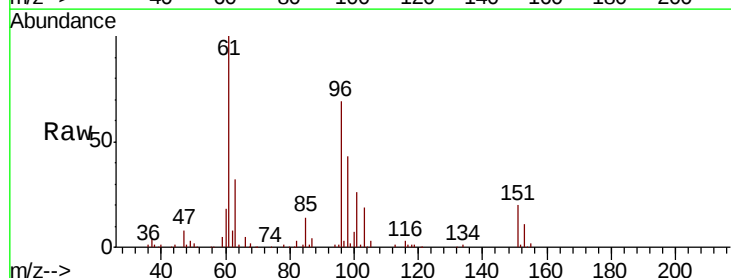
Manual Integrations
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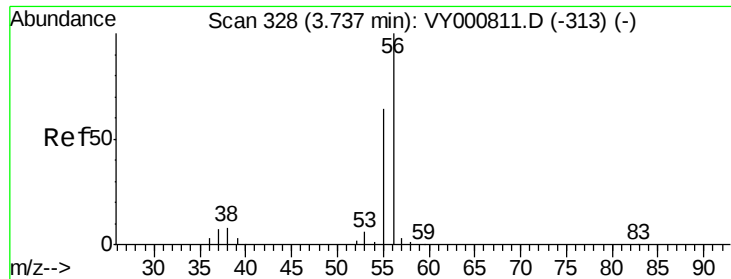
apatel
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#12
1,1-Dichloroethene
Concen: 19.816 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 96 Resp: 70192
Ion Ratio Lower Upper
96 100
61 144.2 129.4 194.2
98 62.2 53.4 80.0





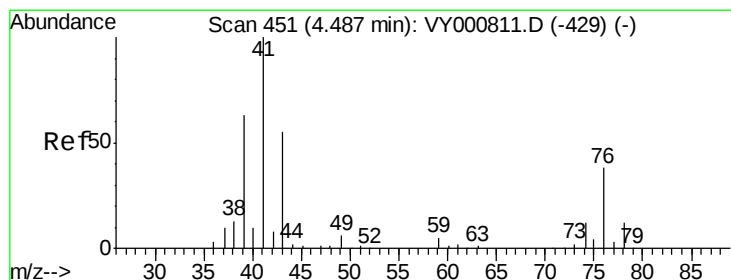
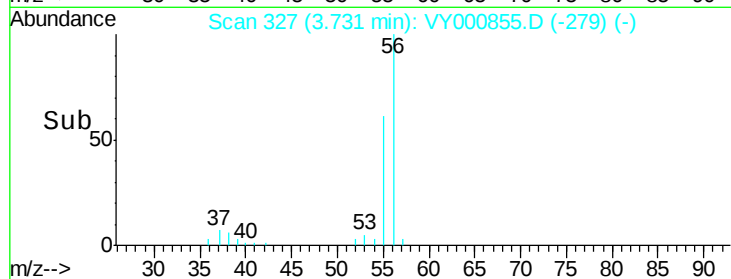
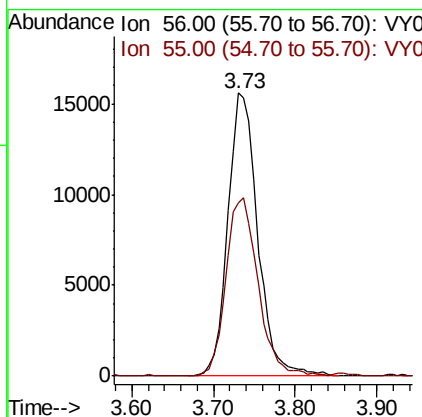
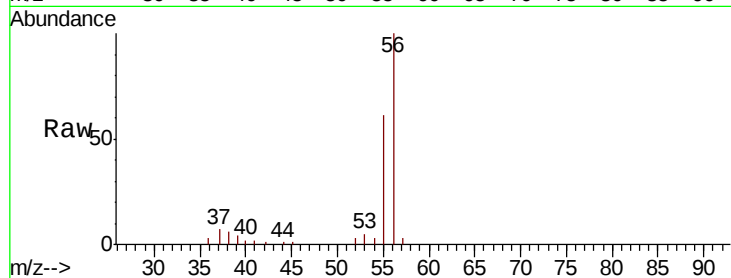
#13
Acrolein
Concen: 115.573 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.7	55.7	83.5

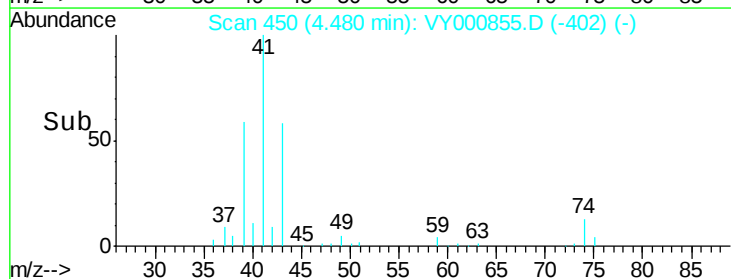
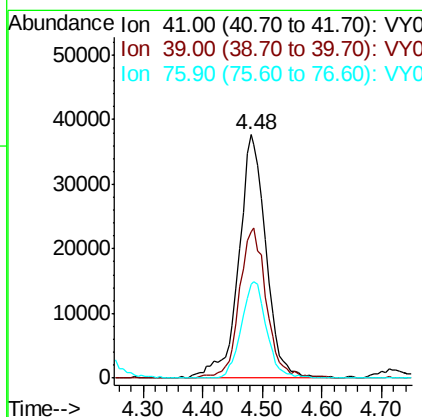
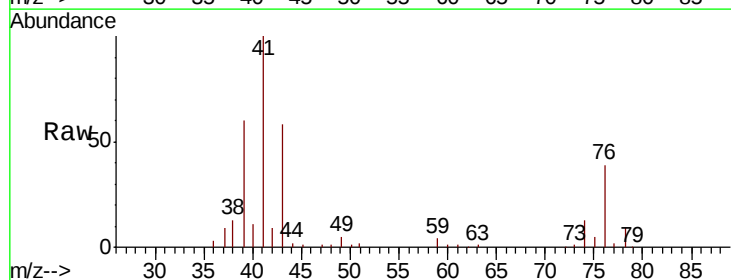
Manual Integrations
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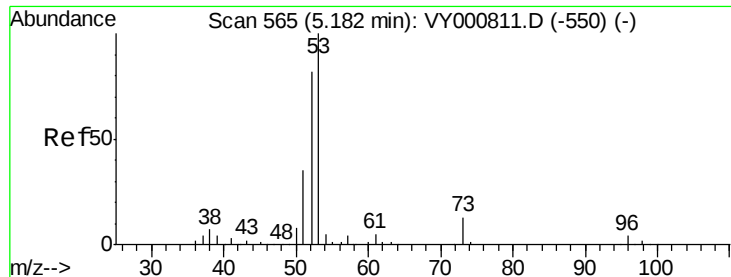
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#14
Allyl chloride
Concen: 19.659 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.3	49.2	73.8
76	36.9	29.2	43.8





#15

Acrylonitrile

Concen: 100.791 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

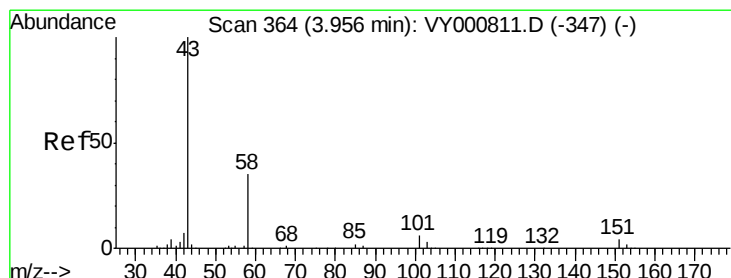
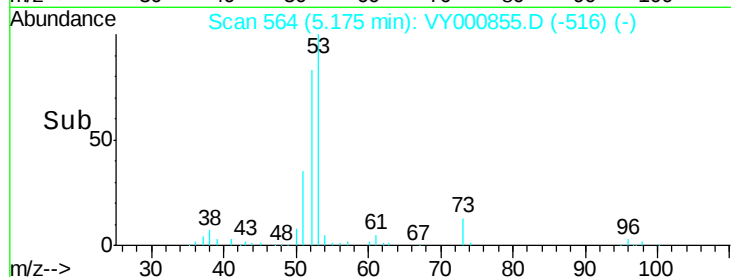
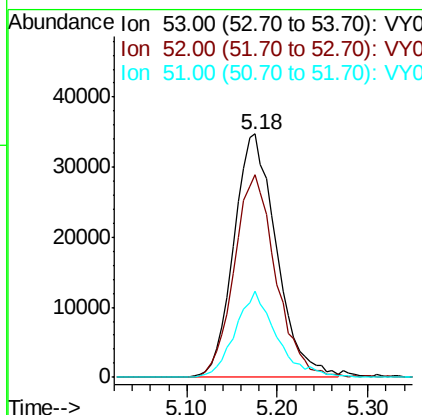
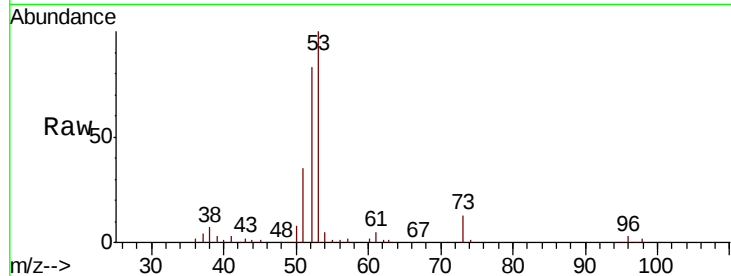
ClientSampleId :

VY1204SBSD01

Tot Ion:	53	Resp:	113416
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.1	97.7
51	34.4	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 99.986 ug/l

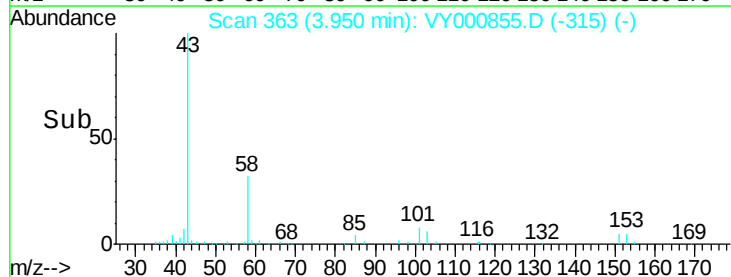
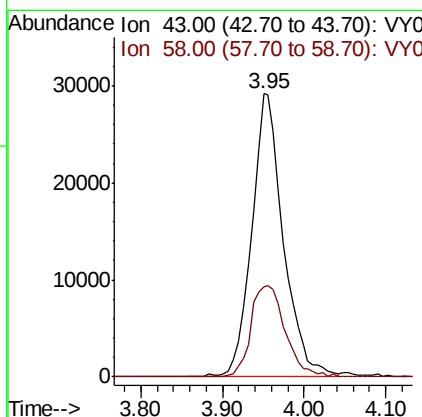
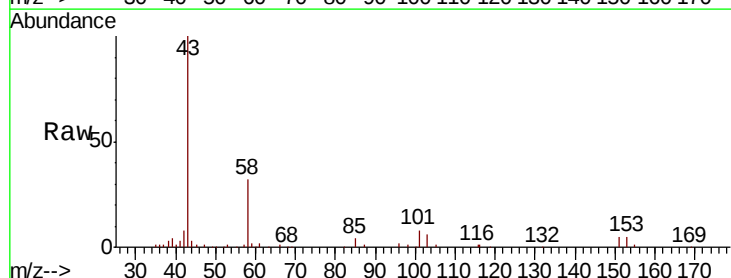
RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion:	43	Resp:	78735
Ion Ratio	Lower	Upper	
43	100		
58	31.7	28.0	42.0





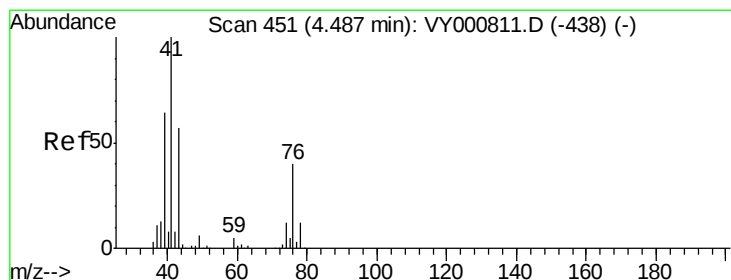
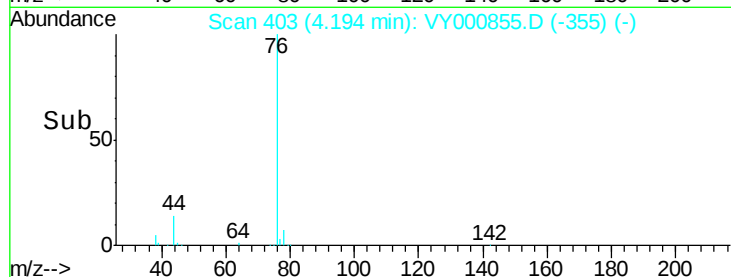
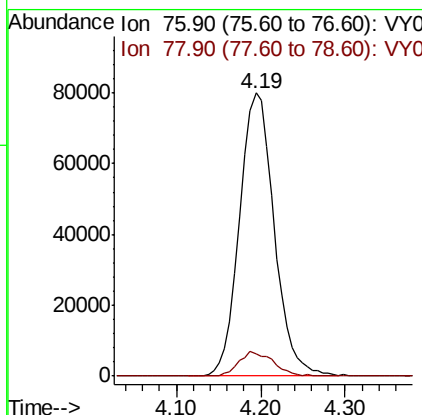
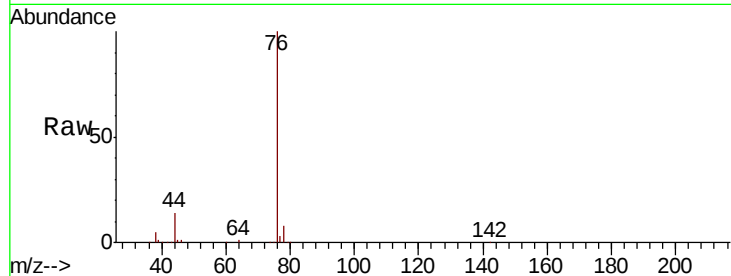
#17
Carbon Disulfide
Concen: 19.440 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.3	10.9

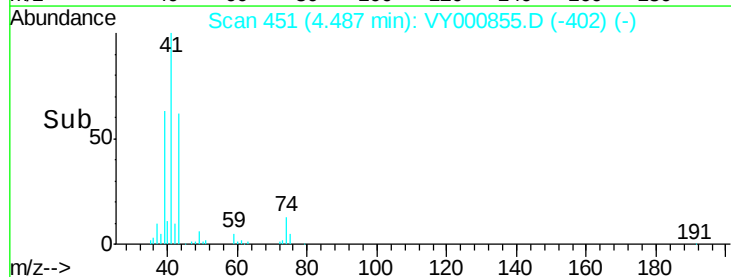
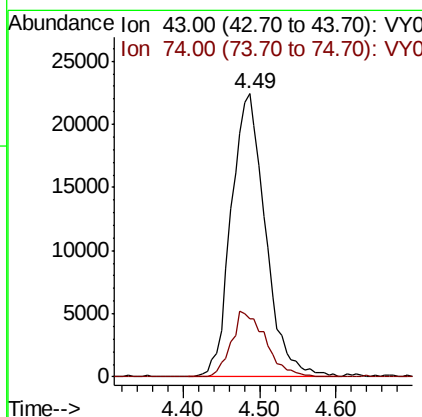
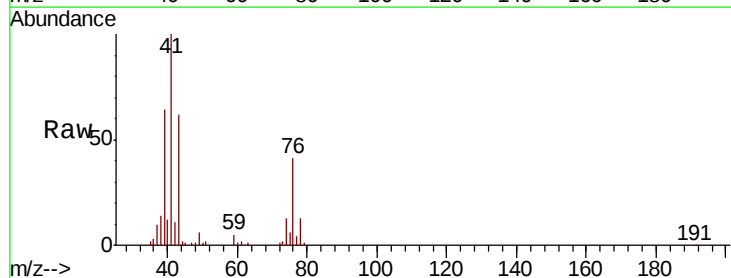
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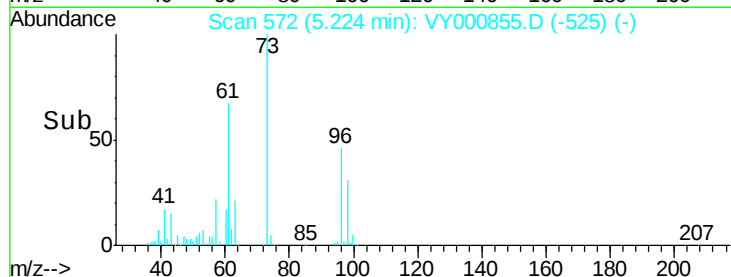
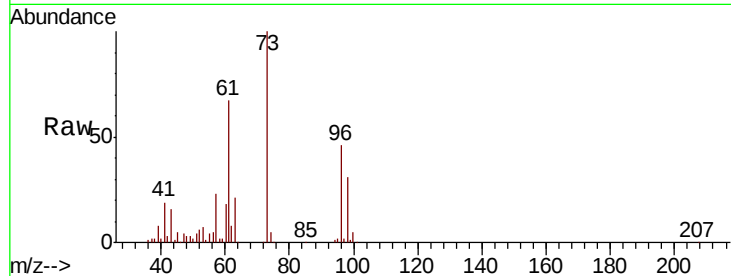
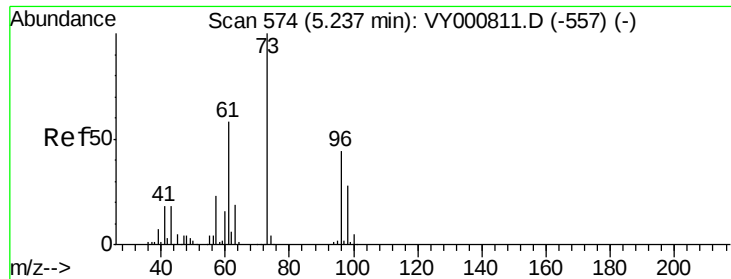
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#18
Methyl Acetate
Concen: 21.115 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.5	27.7





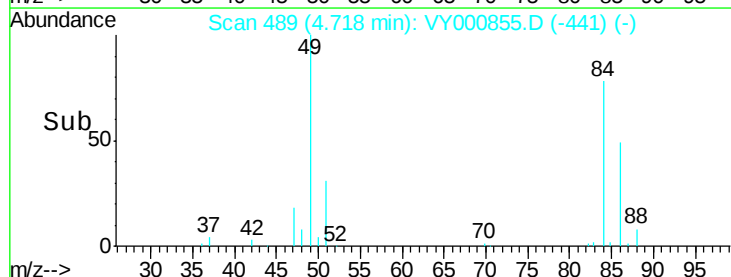
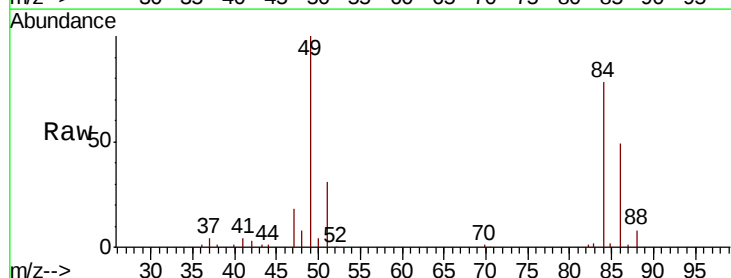
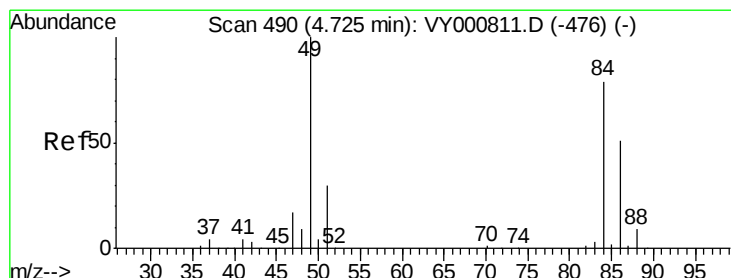
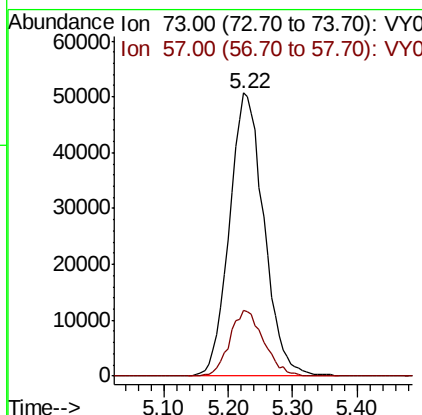
#19
Methyl tert-butyl Ether
Concen: 19.933 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tot Ion: 73 Resp: 188560
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

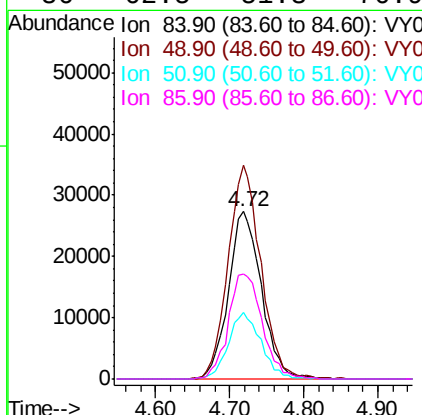
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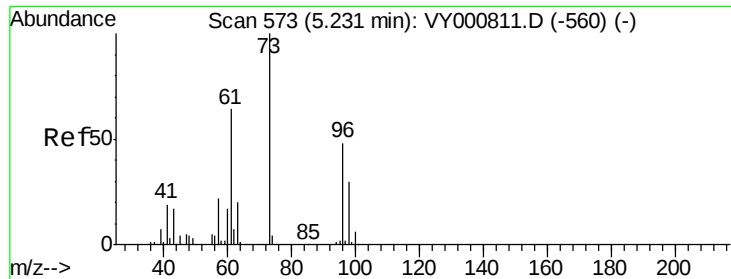
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#20
Methylene Chloride
Concen: 20.336 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 84 Resp: 84413
Ion Ratio Lower Upper
84 100
49 127.7 101.3 151.9
51 39.7 30.6 45.8
86 62.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.038 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 96 Resp: 76646

Ion Ratio Lower Upper

96 100

61 130.8 105.9 158.9

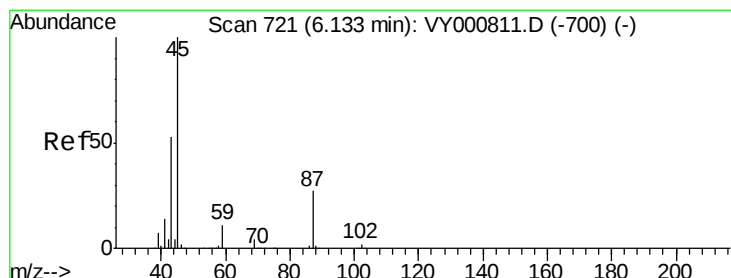
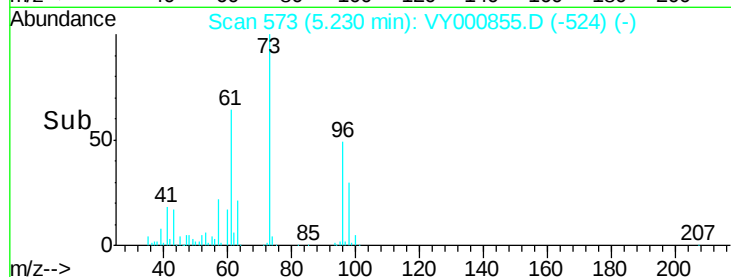
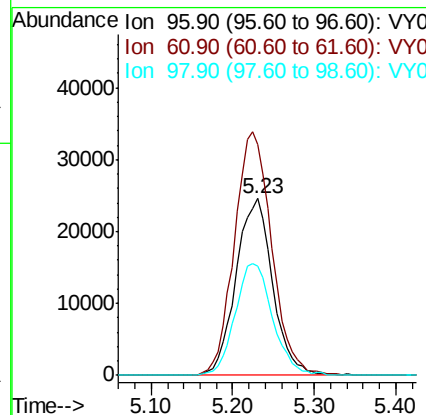
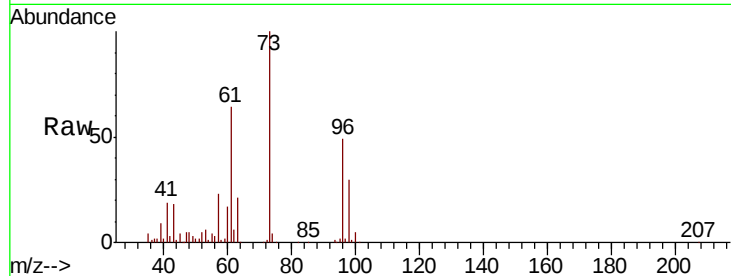
98 61.7 49.4 74.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.019 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion: 45 Resp: 249893

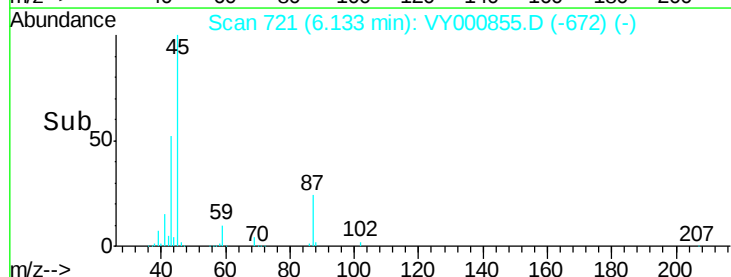
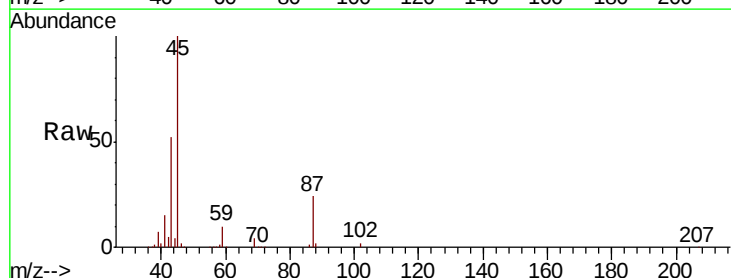
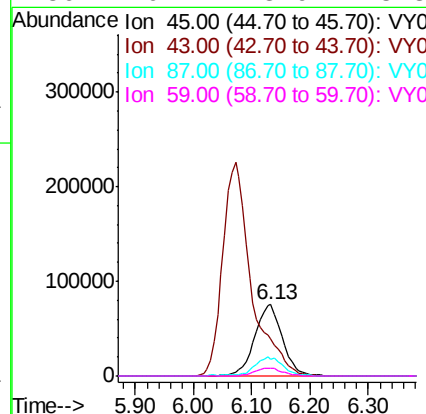
Ion Ratio Lower Upper

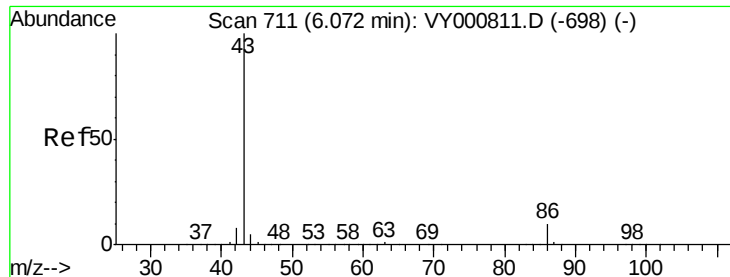
45 100

43 51.4 42.7 64.1

87 24.1 22.0 33.0

59 10.4 8.9 13.3





#23

Vinyl Acetate

Concen: 101.431 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 43 Resp: 769739

Ion Ratio Lower Upper

43 100

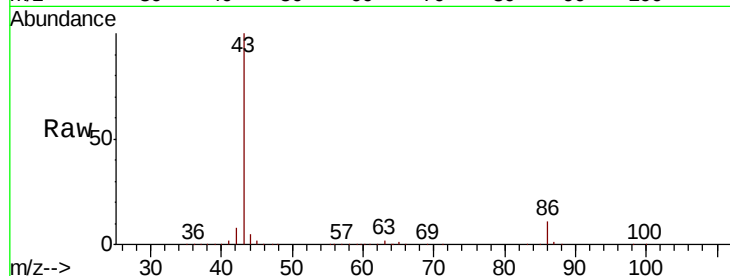
86 11.3 8.3 12.5

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

250000

200000

150000

100000

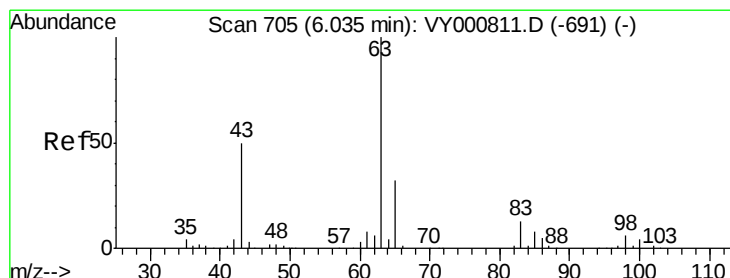
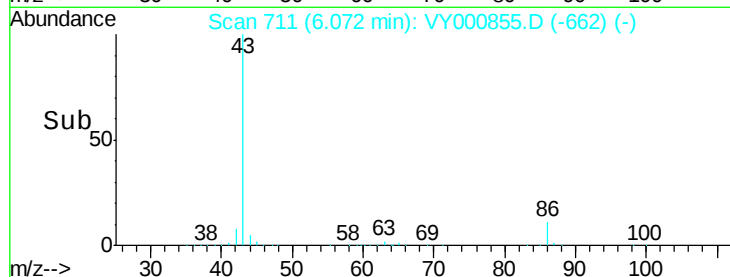
50000

0

6.07

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 19.602 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

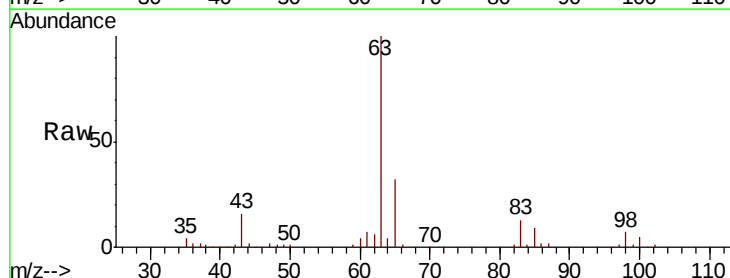
Tgt Ion: 63 Resp: 134865

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 5.0 2.2 6.6



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

60000

50000

40000

30000

20000

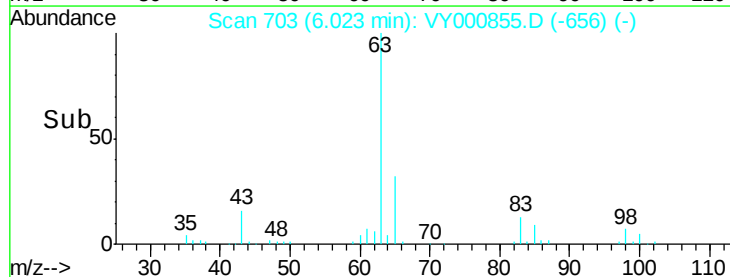
10000

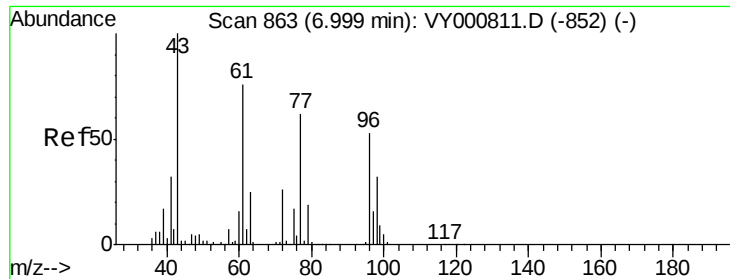
0

6.02

5.90 6.10 6.20

Time-->





#25

2-Butanone

Concen: 99.631 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 43 Resp: 144928

Ion Ratio Lower Upper

43 100

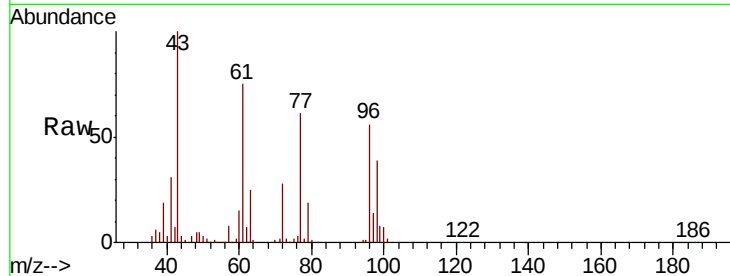
72 27.7 21.0 31.4

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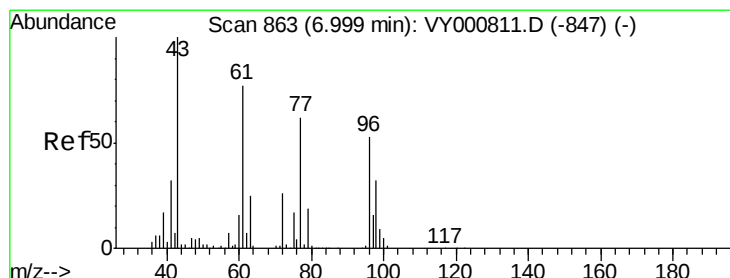
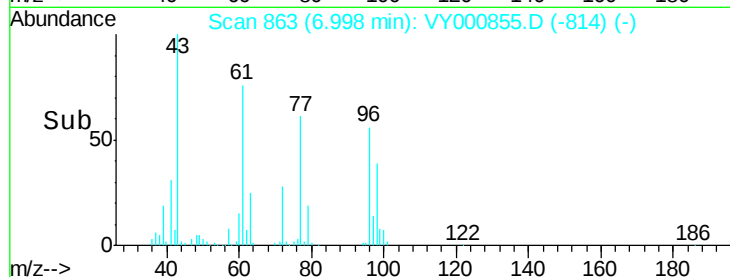
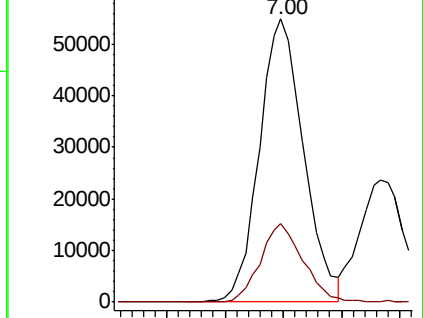
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 18.934 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000855.D

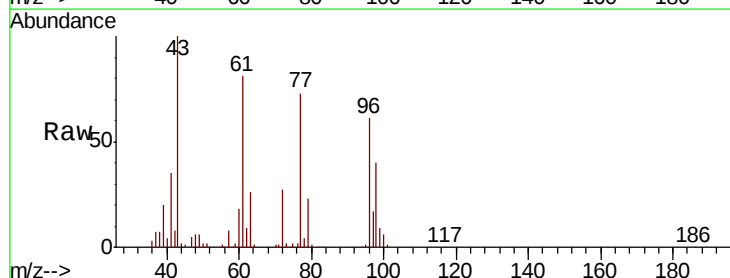
Acq: 04 Dec 2019 12:05

Tgt Ion: 77 Resp: 109638

Ion Ratio Lower Upper

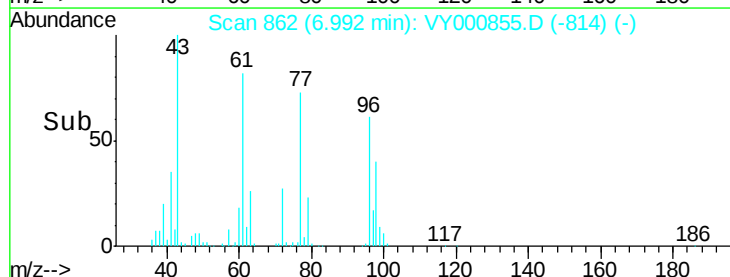
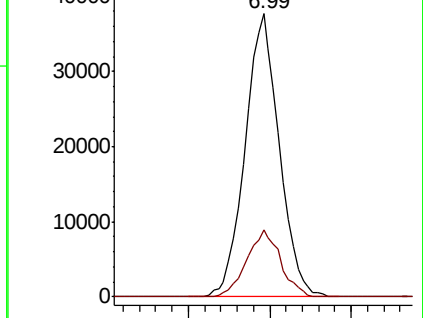
77 100

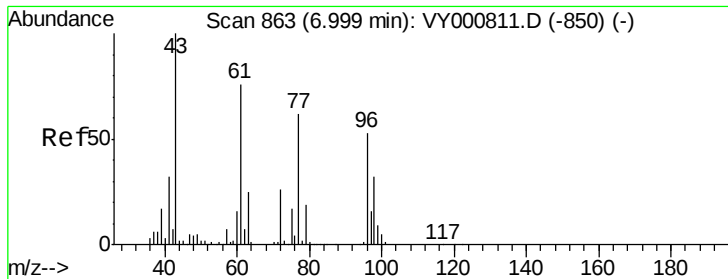
97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

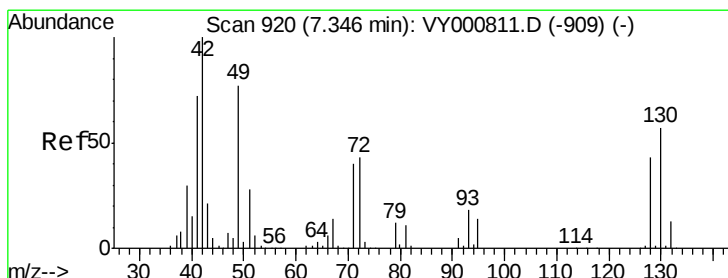
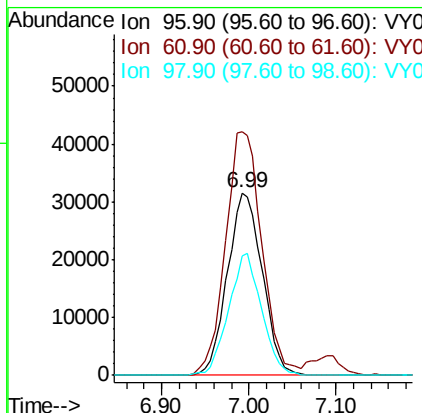
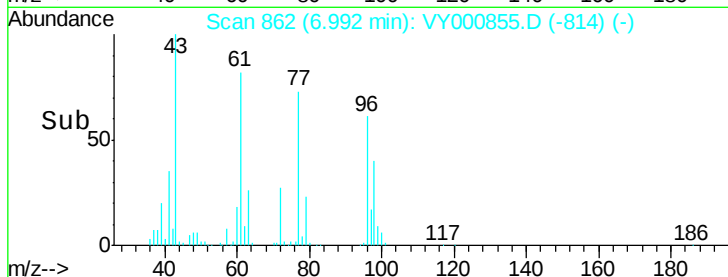
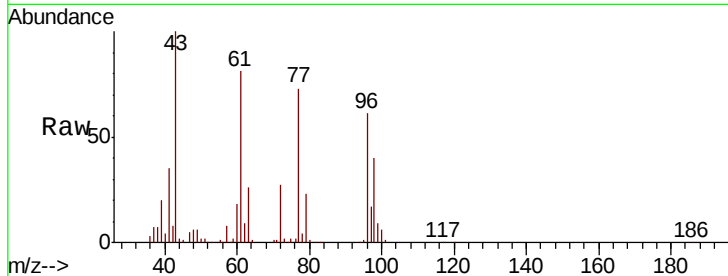
cis-1,2-Dichloroethene
Concen: 20.147 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.7	0.0	285.0	
98	62.9	0.0	128.0	

Manual Integrations
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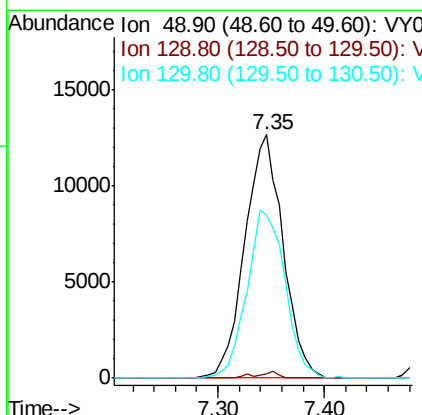
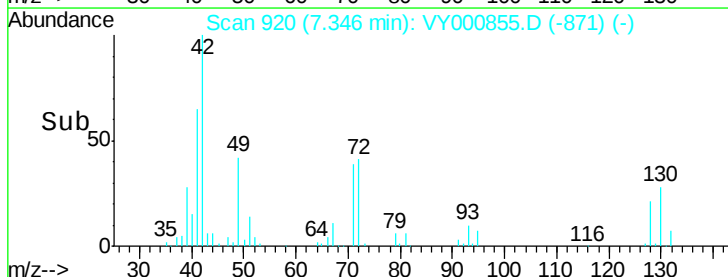
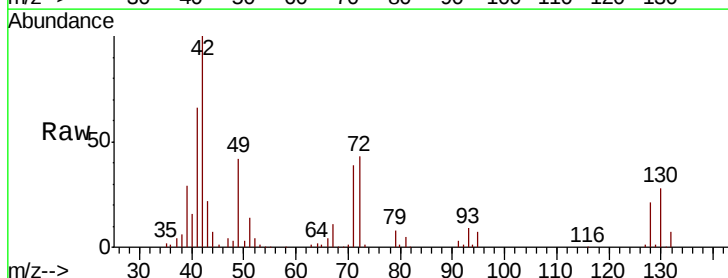
apatel
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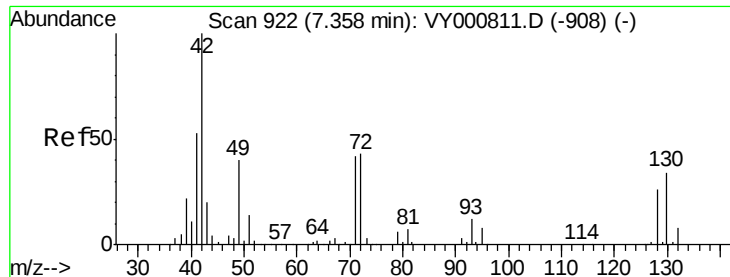


#28

Bromochloromethane
Concen: 14.149 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.0	0.0	3.8	
130	68.7	58.7	88.1	





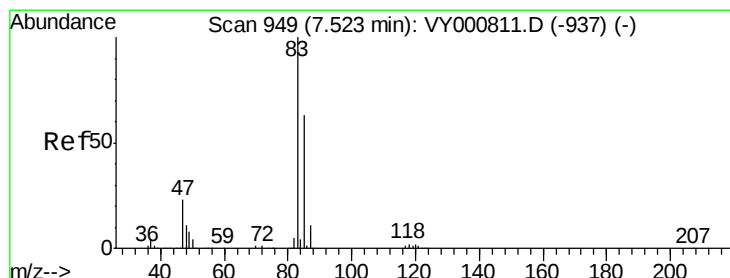
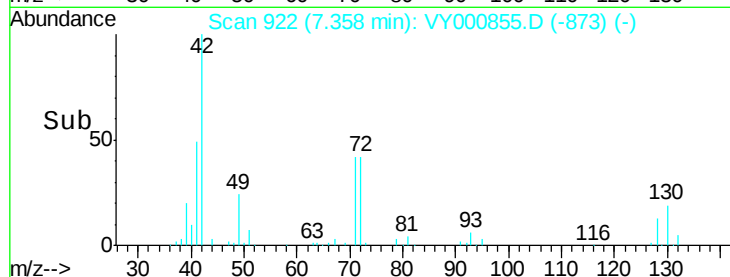
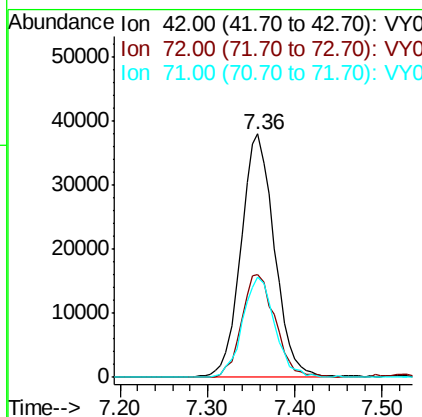
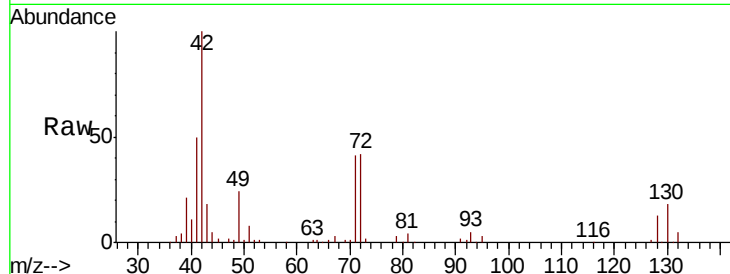
#29
Tetrahydrofuran
Concen: 104.947 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.1	52.7
71	39.5	32.8	49.2

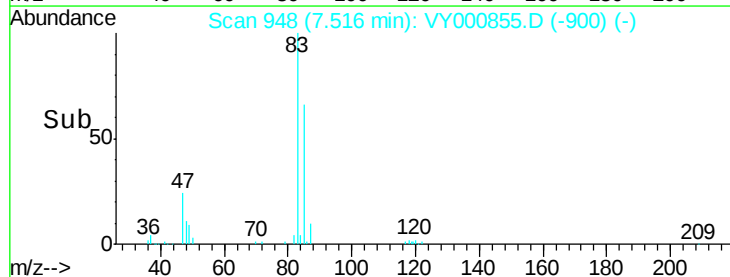
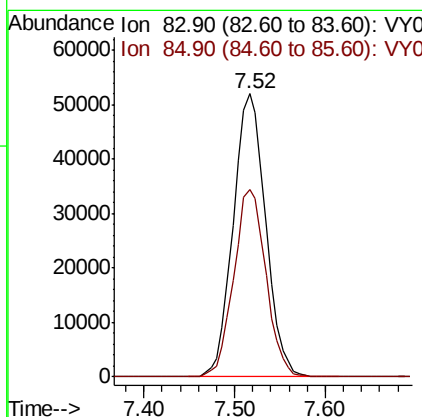
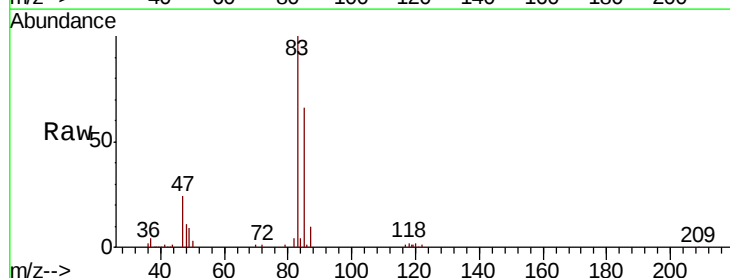
Manual Integrations
APPROVED

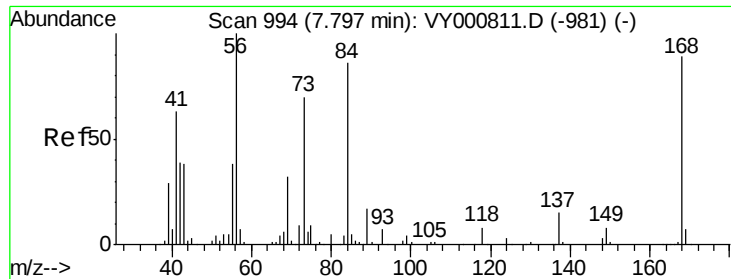
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#30
Chloroform
Concen: 18.663 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.4	75.6





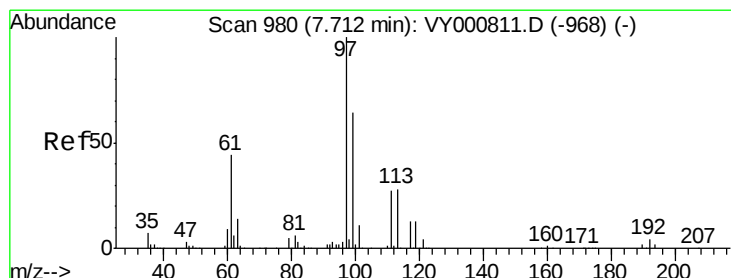
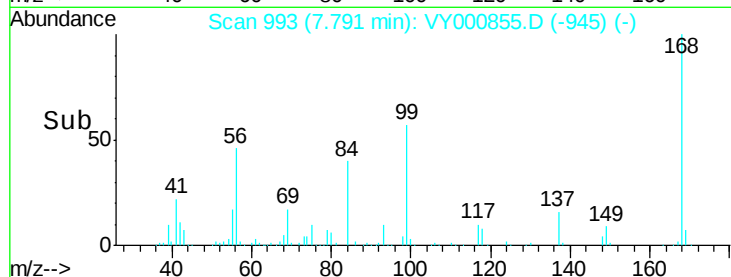
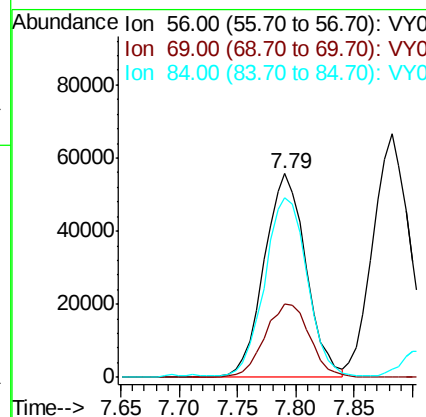
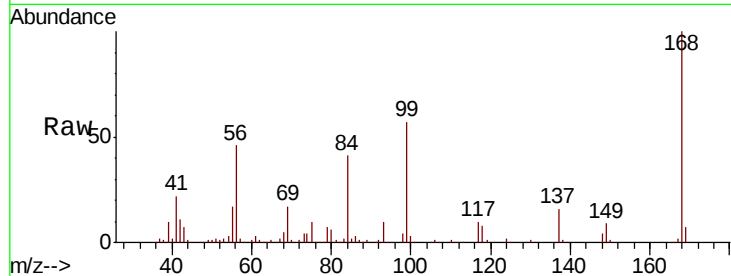
#31
Cyclohexane
Concen: 19.020 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	25.9	38.9
84	87.2	68.6	102.8

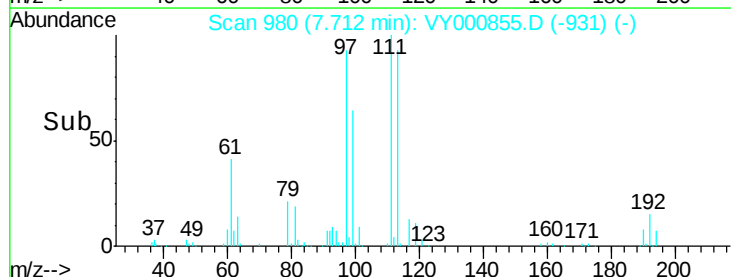
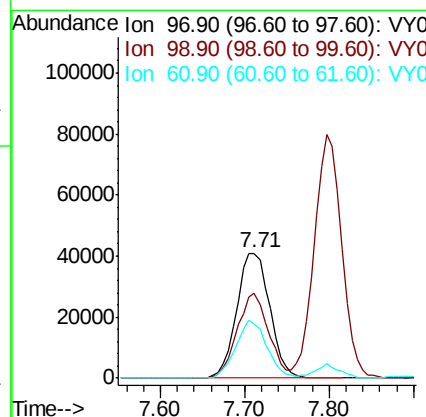
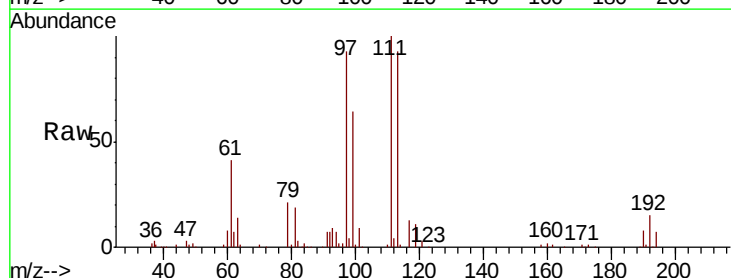
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 19.078 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	43.6	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 51.853 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

Tot Ion: 65 Resp: 177996

Ion Ratio Lower Upper

65 100

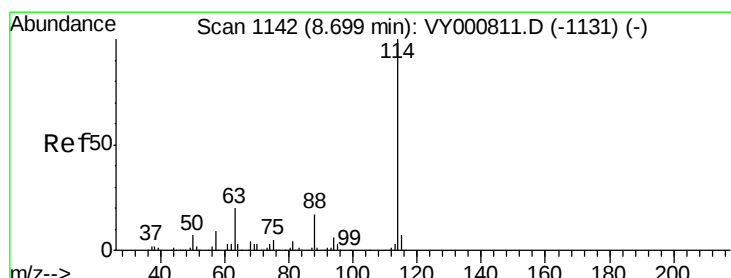
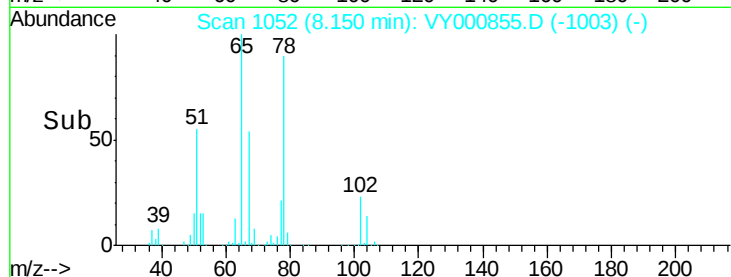
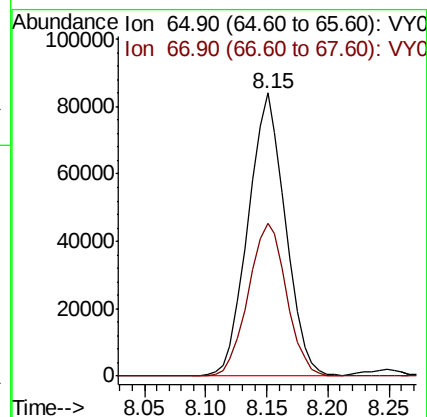
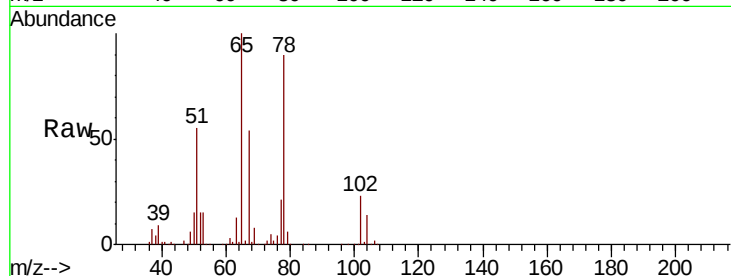
67 55.2 0.0 112.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

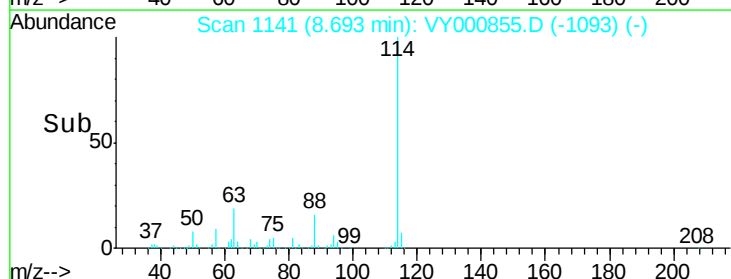
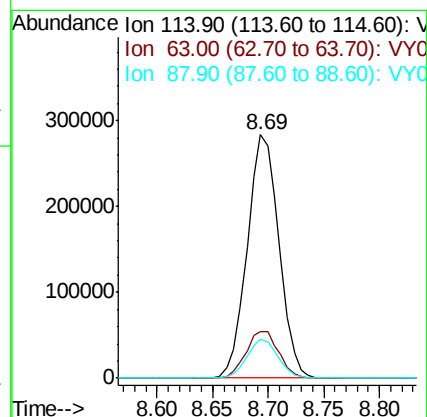
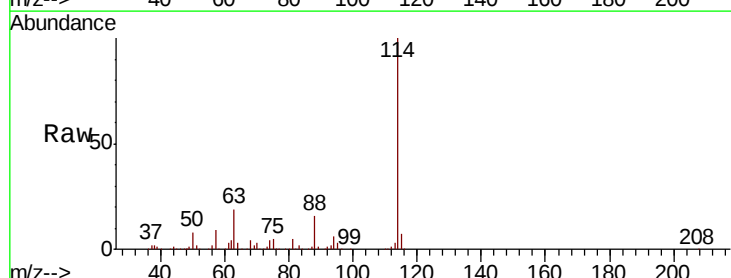
Tgt Ion: 114 Resp: 562626

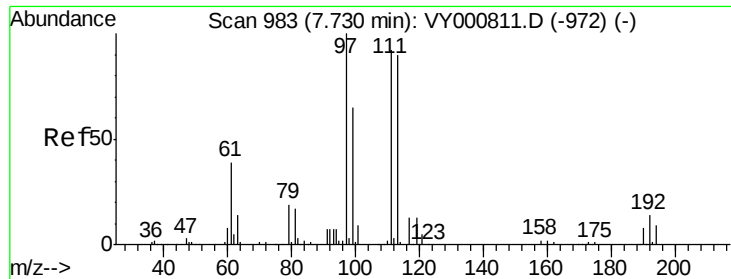
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

88 15.8 0.0 33.2





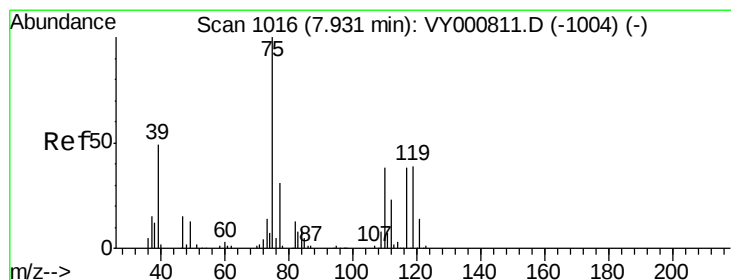
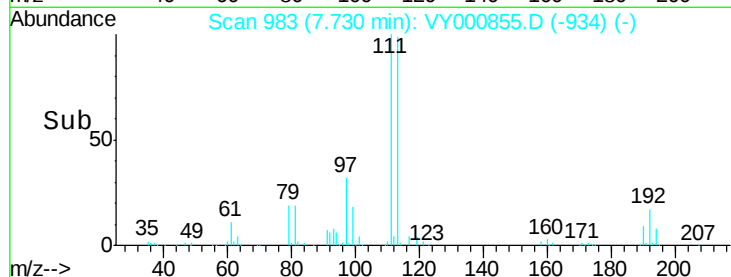
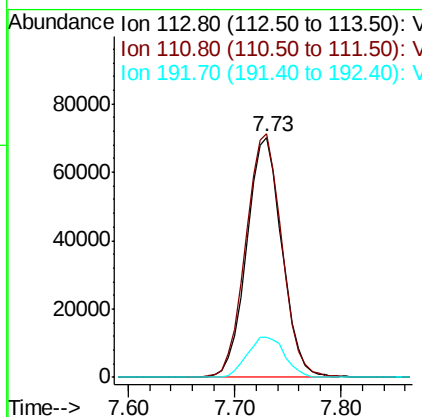
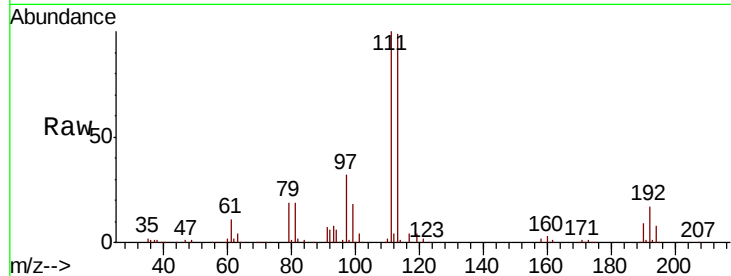
#35
Dibromofluoromethane
Concen: 49.830 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163390		
111	103.9	82.4	123.6	
192	17.9	14.2	21.2	

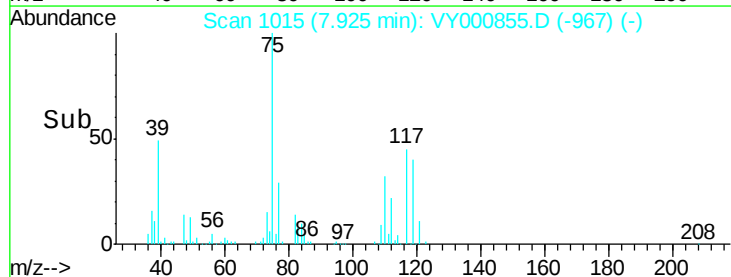
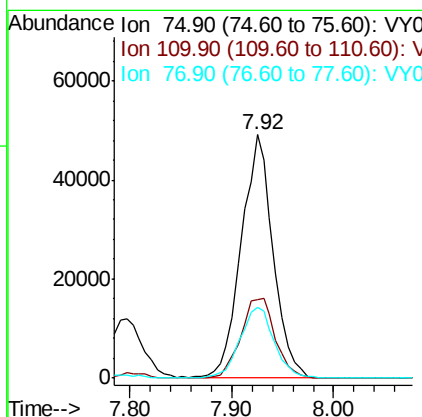
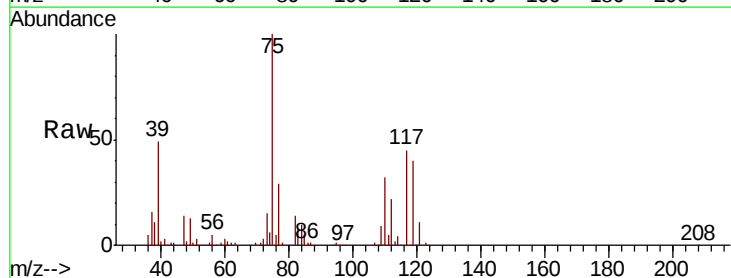
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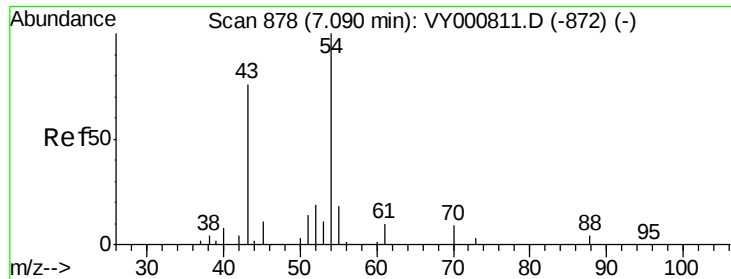
apatel
12/5/2019 2:58:35 PM



#36
1,1-Dichloropropene
Concen: 19.080 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106738		
110	35.4	17.9	53.7	
77	31.3	24.7	37.1	





#37

Ethyl Acetate

Concen: 20.381 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

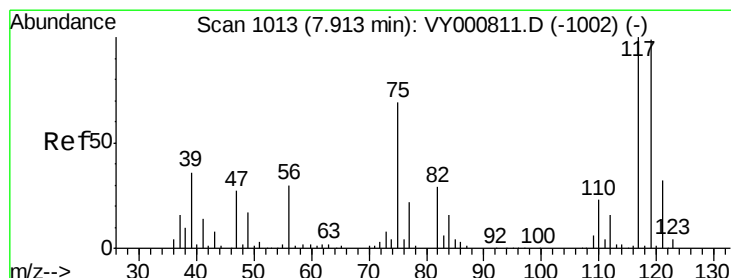
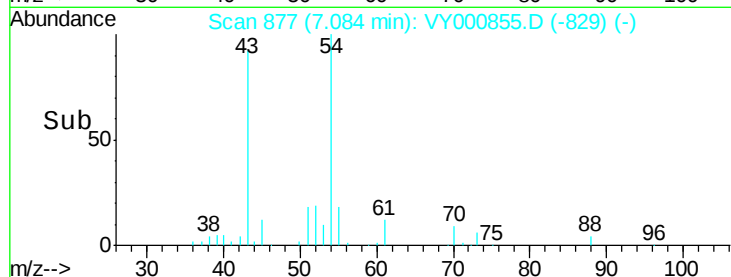
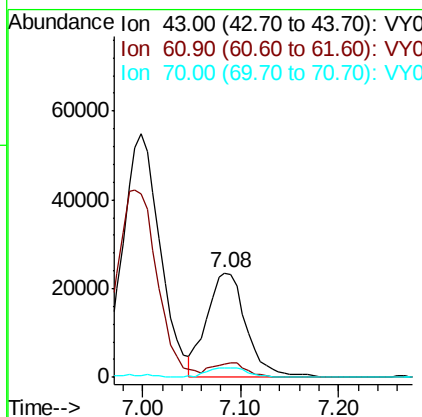
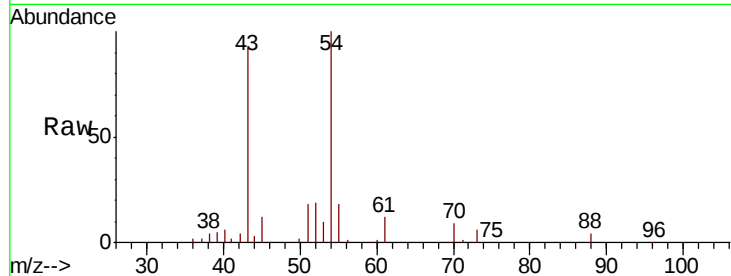
ClientSampleId :

VY1204SBS01

Tot Ion	43	Resp	65833
Ion	Ratio	Lower	Upper
43	100		
61	11.7	11.8	17.8#
70	9.8	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.629 ug/l

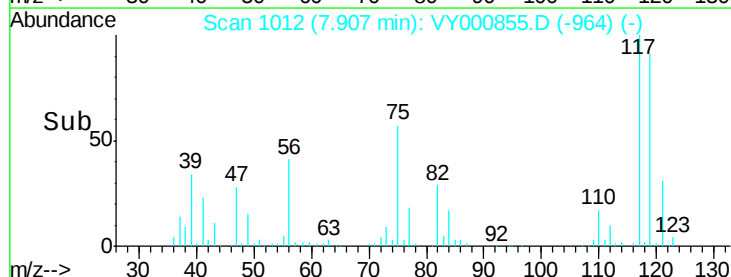
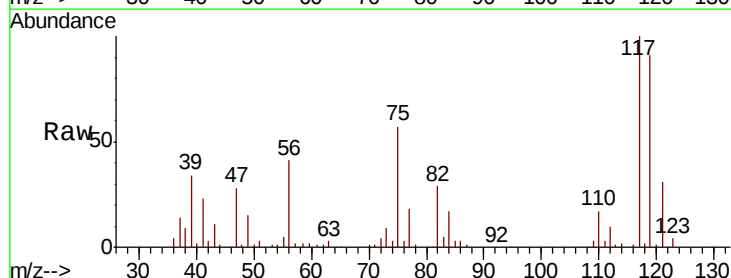
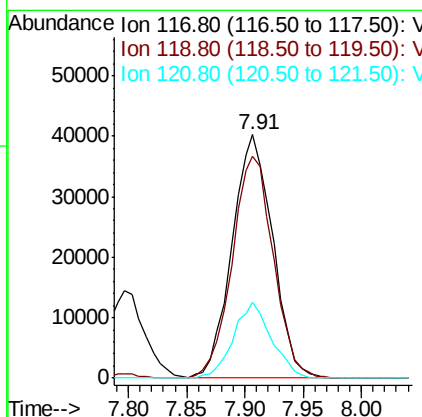
RT: 7.91 min Scan# 1012

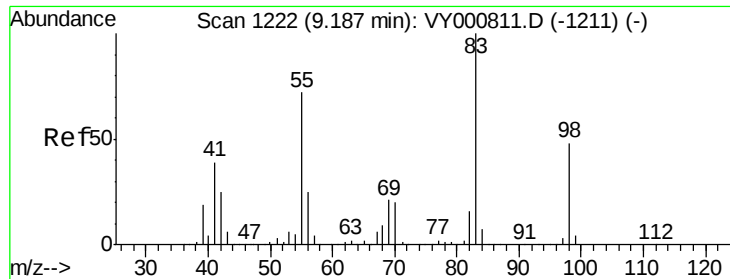
Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion	117	Resp	97791
Ion	Ratio	Lower	Upper
117	100		
119	91.3	79.3	118.9
121	31.4	25.5	38.3





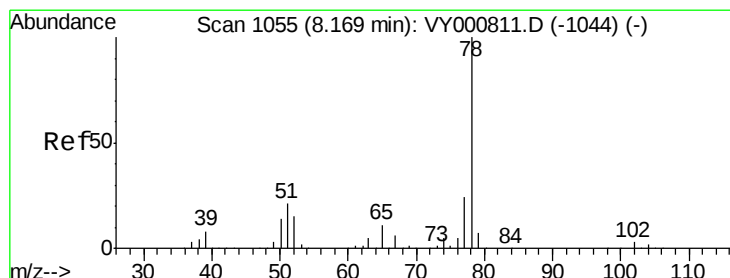
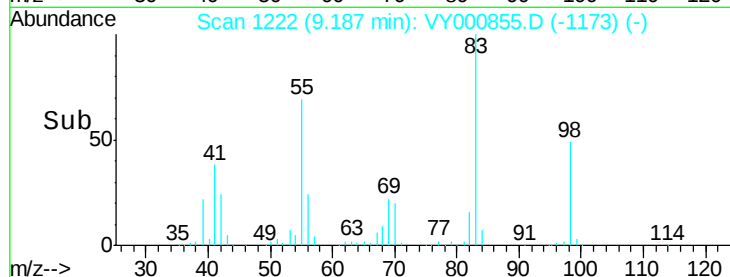
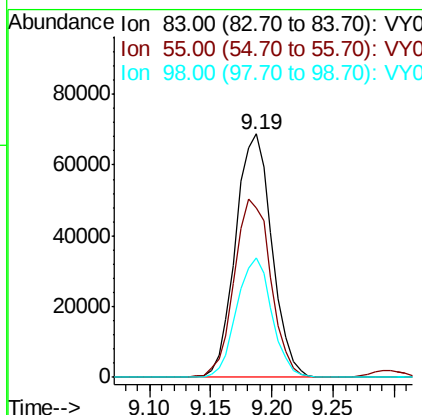
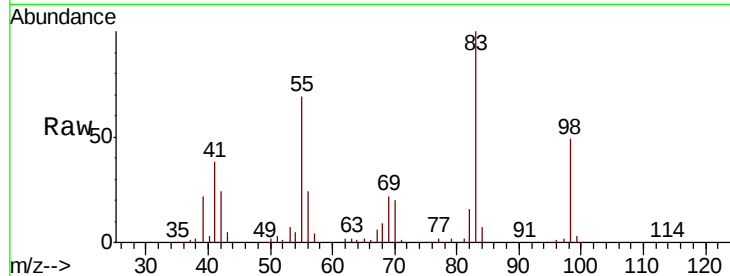
#39
Methvlcvclohexane
Concen: 19.097 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	83	Resp	141542
Ion Ratio	100	Lower	Upper
83	100		
55	69.5	57.8	86.6
98	49.1	38.6	58.0

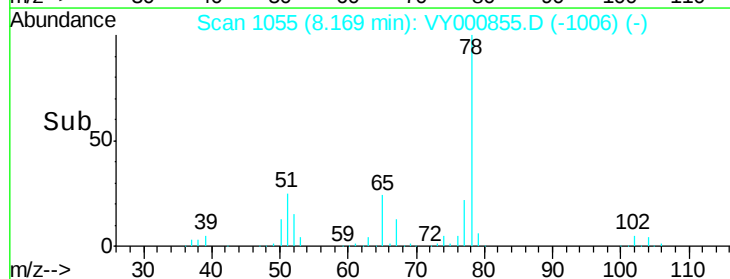
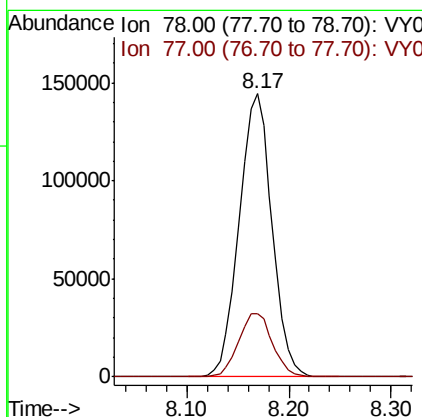
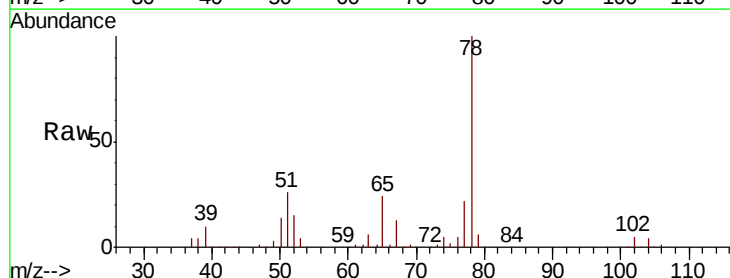
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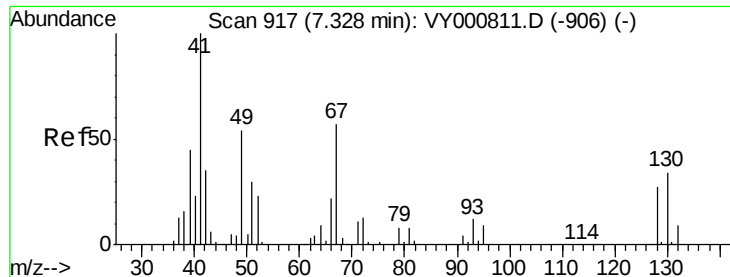
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#40
Benzene
Concen: 19.702 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	78	Resp	321041
Ion Ratio	100	Lower	Upper
78	100		
77	22.3	19.2	28.8





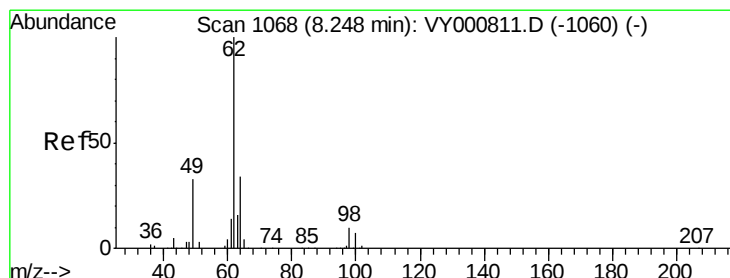
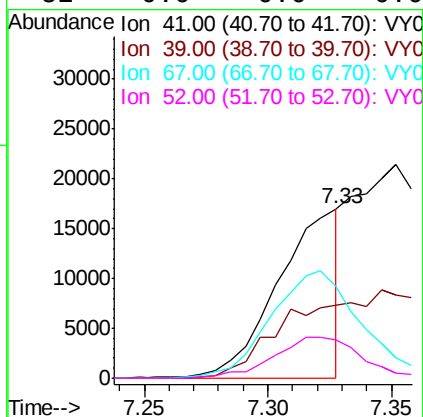
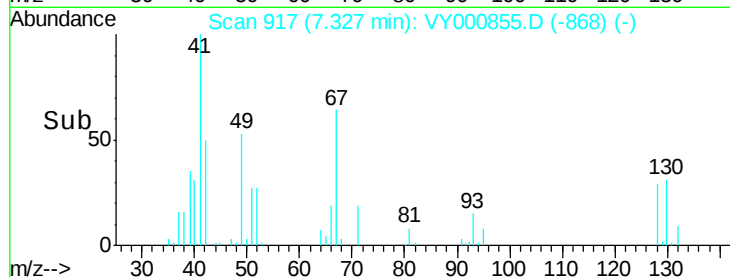
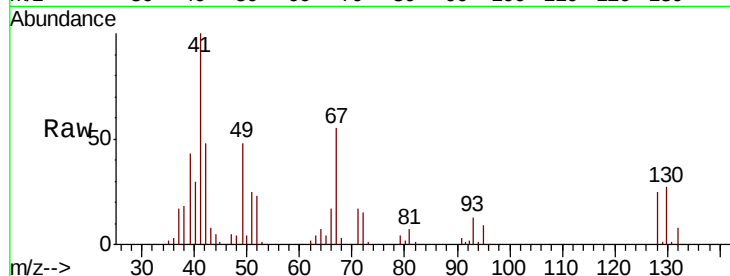
#41
Methacrylonitrile
Concen: 17.462 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Tot Ion:	41	Resp:	29728
Ion	Ratio	Lower	Upper
41	100		
39	128.3	95.7	143.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

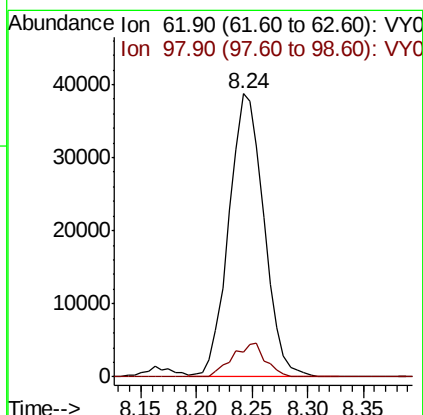
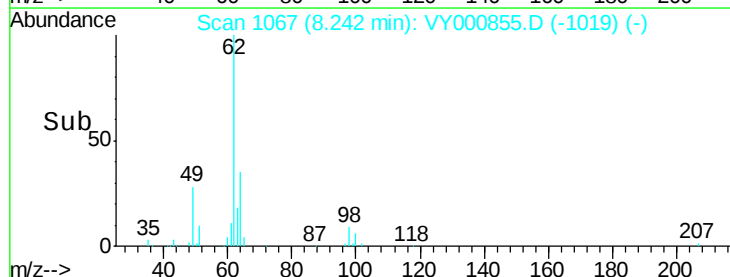
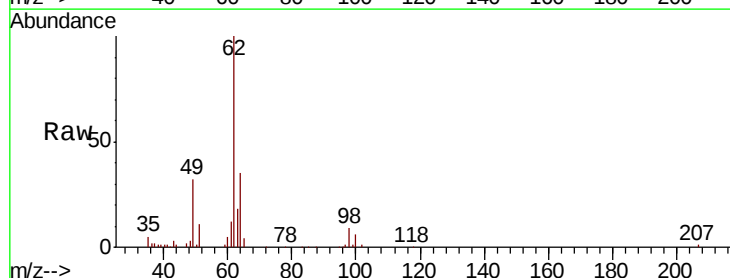
Manual Integrations
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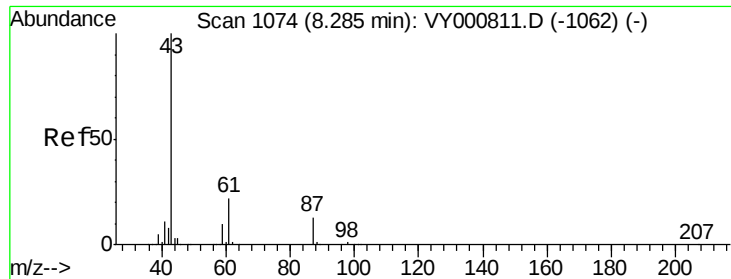
apatel
12/5/2019 2:58:35 PM



#42
1,2-Dichloroethane
Concen: 19.722 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion:	62	Resp:	84517
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.4





#43

Isopropyl Acetate

Concen: 19.018 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

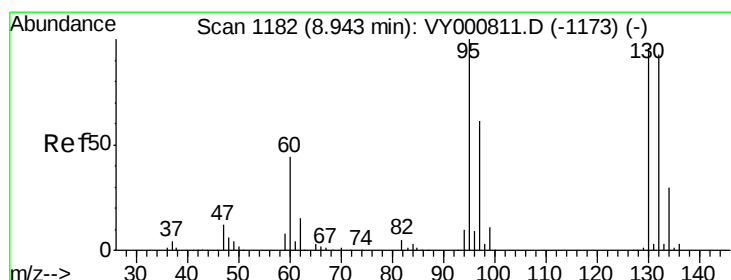
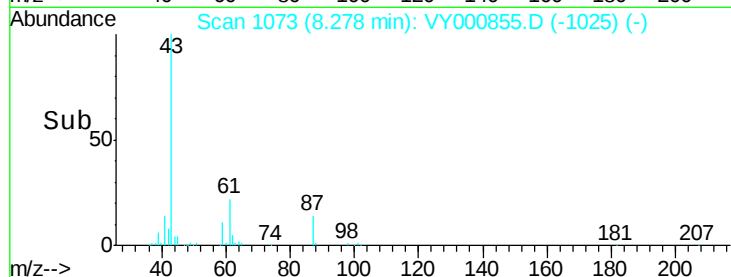
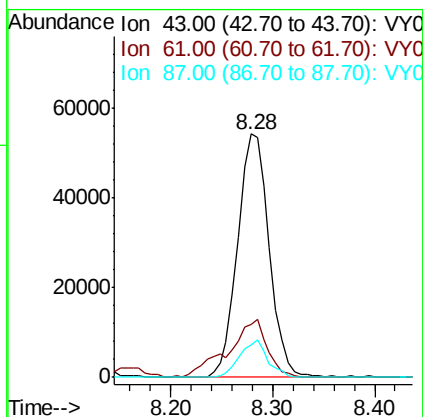
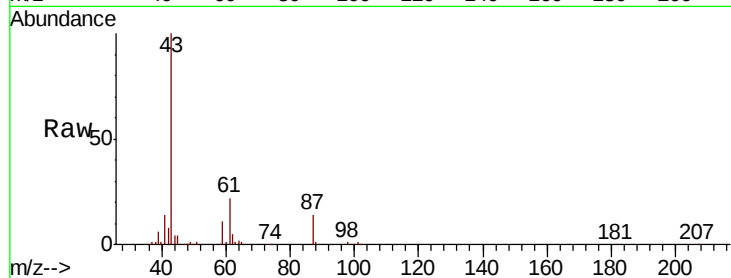
ClientSampleId :

VY1204SBS01

Tot Ion:	43	Resp:	115766
Ion Ratio		Lower	Upper
43	100		
61	29.8	23.7	35.5
87	13.6	10.6	15.8

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#44

Trichloroethene

Concen: 20.048 ug/l

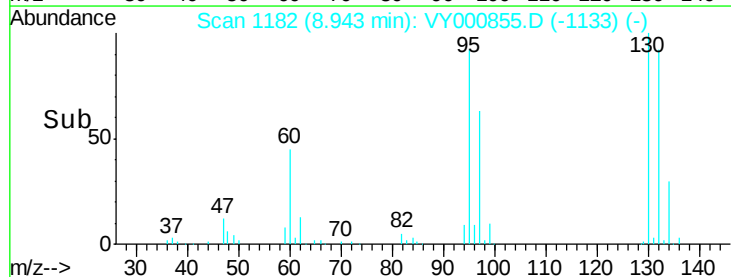
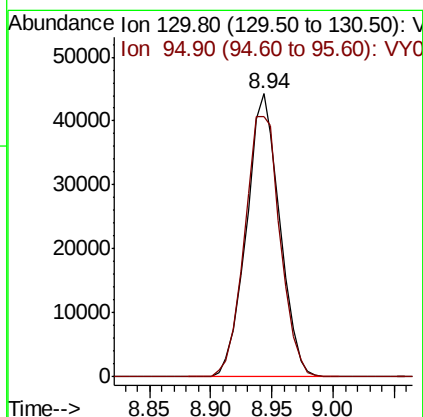
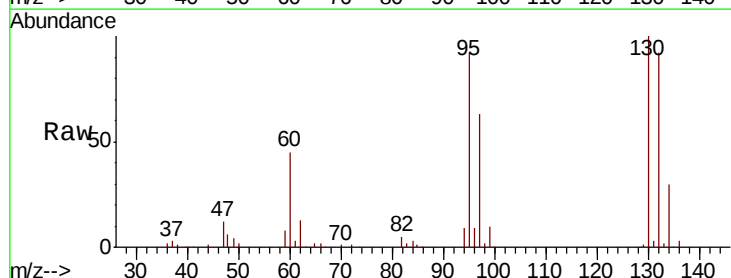
RT: 8.94 min Scan# 1182

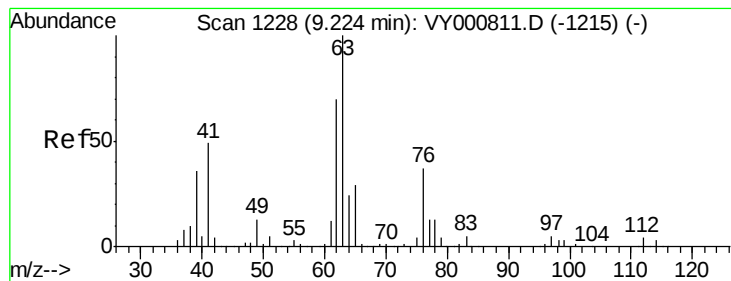
Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion:	130	Resp:	83958
Ion Ratio		Lower	Upper
130	100		
95	91.8	0.0	207.8





#45

1,2-Dichloropropane

Concen: 19.876 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

Tot Ion: 63 Resp: 81353

Ion Ratio Lower Upper

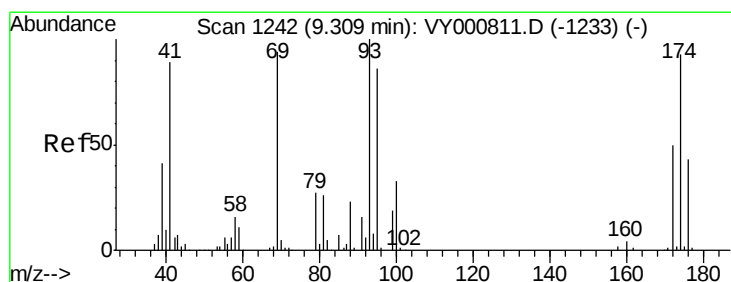
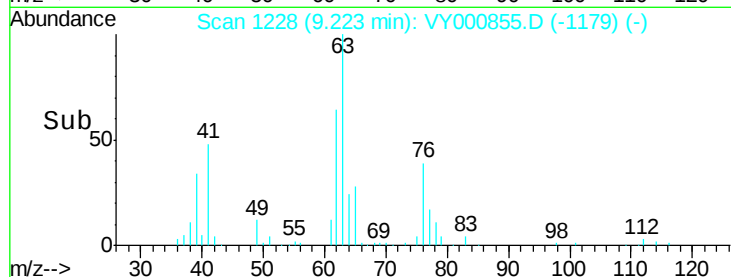
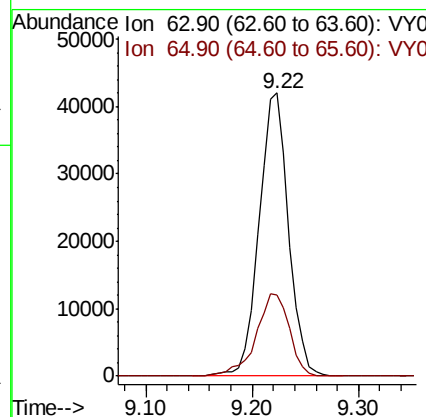
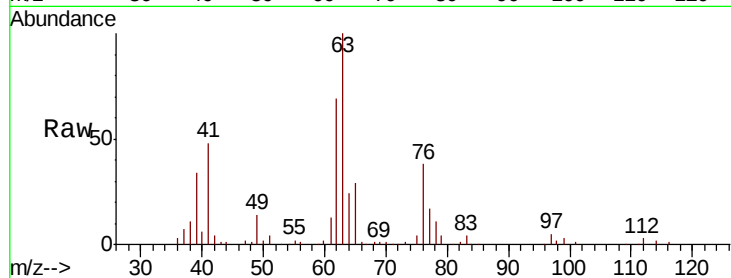
63 100

65 28.8 23.2 34.8

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#46

Dibromomethane

Concen: 20.304 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

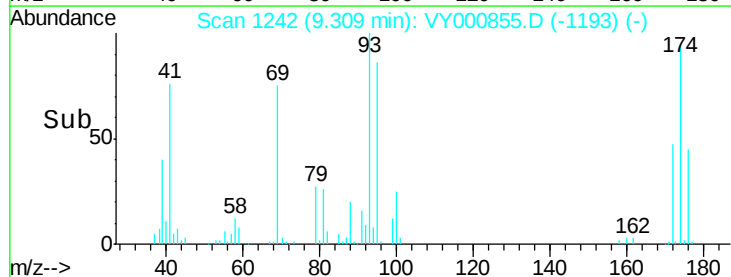
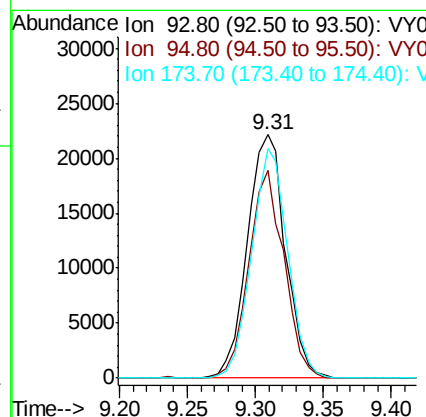
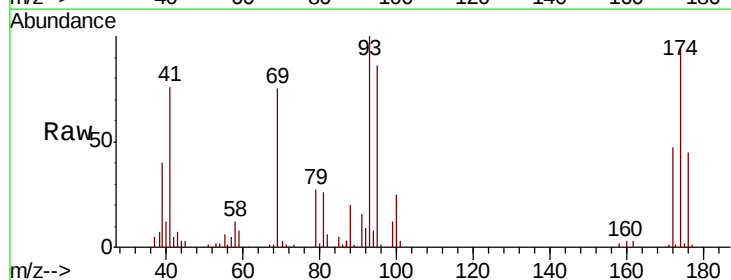
Tgt Ion: 93 Resp: 43421

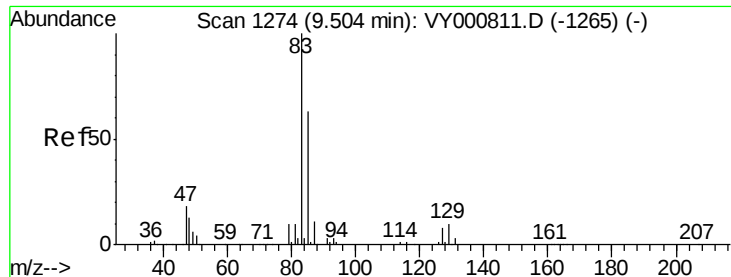
Ion Ratio Lower Upper

93 100

95 79.0 66.4 99.6

174 89.4 73.0 109.6





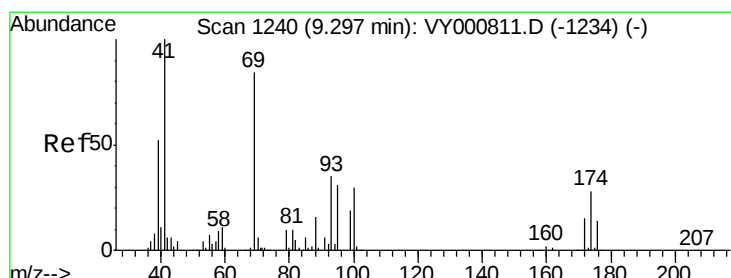
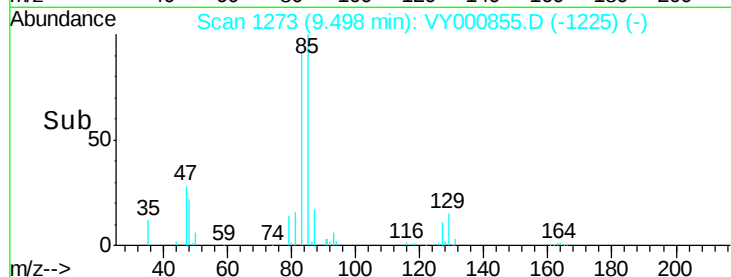
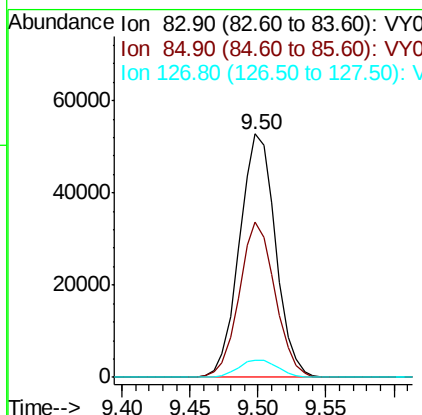
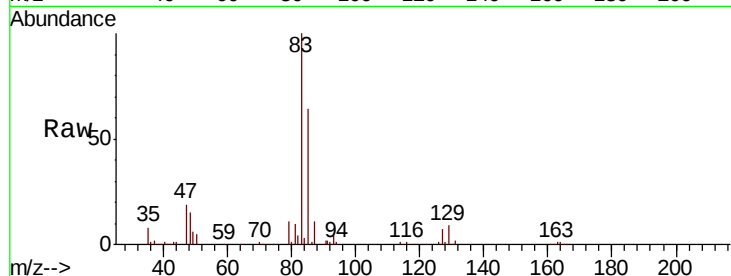
#47
Bromodichloromethane
Concen: 19.469 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	83	Resp	97808
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	50.8	76.2
127	6.8	6.6	10.0

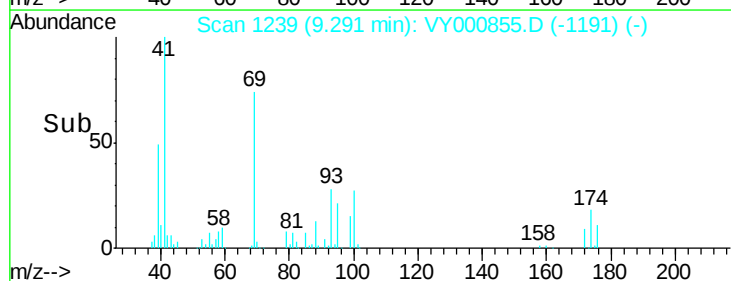
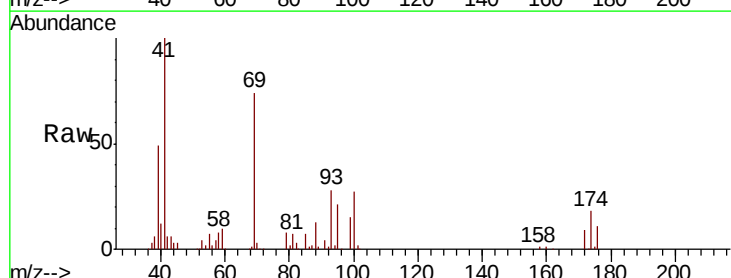
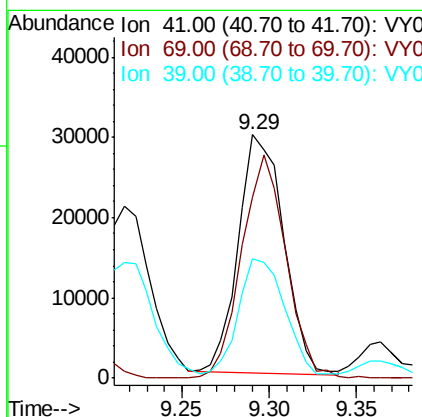
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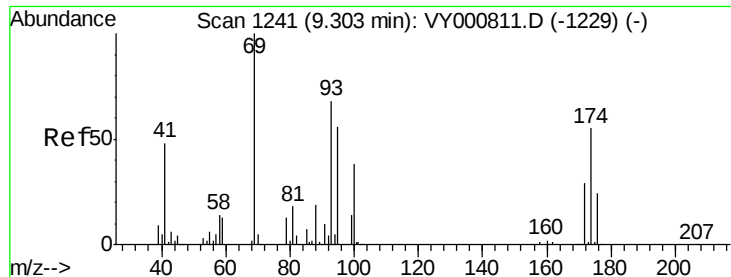
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#48
Methyl methacrylate
Concen: 20.086 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	41	Resp	53764
Ion Ratio	100	Lower	Upper
41	100		
69	91.3	70.4	105.6
39	52.5	40.9	61.3





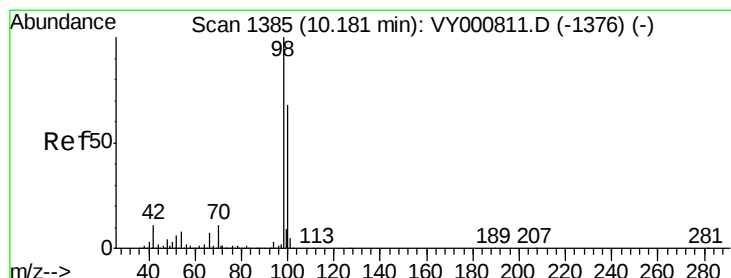
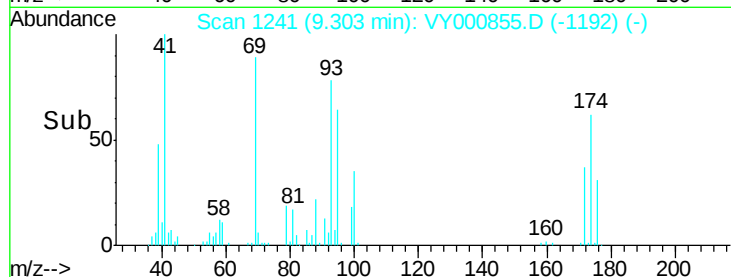
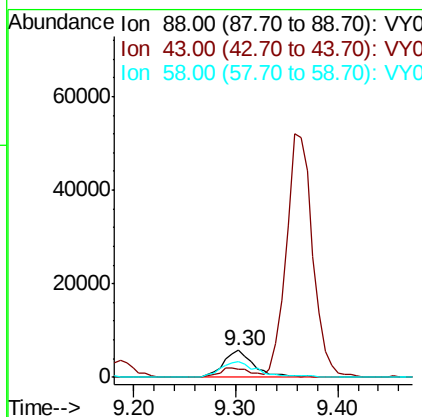
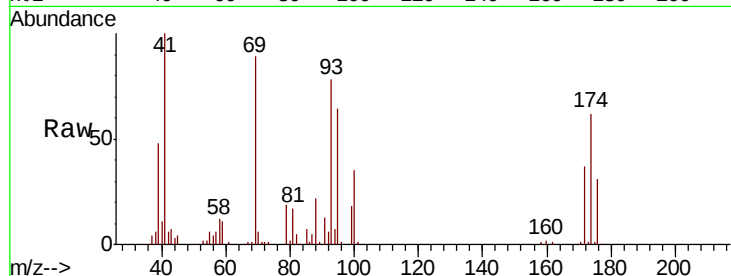
#49
1,4-Dioxane
Concen: 401.627 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	21.1	31.7#
58	67.0	50.7	76.1

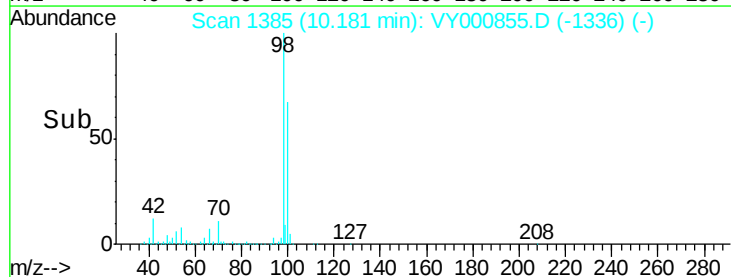
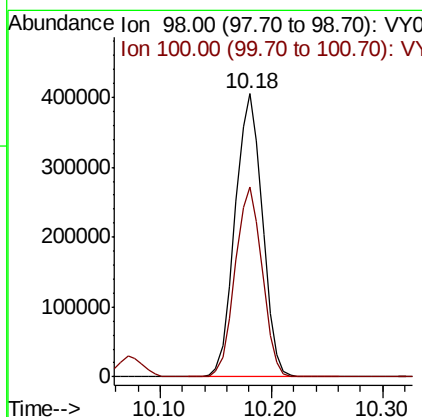
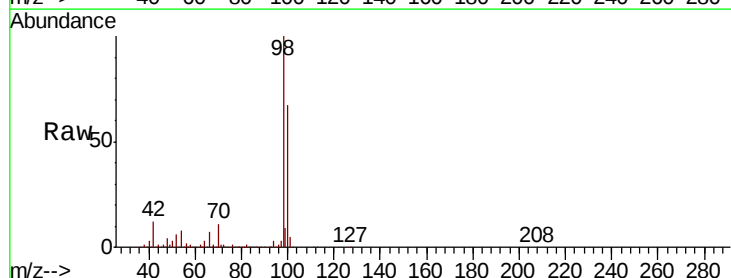
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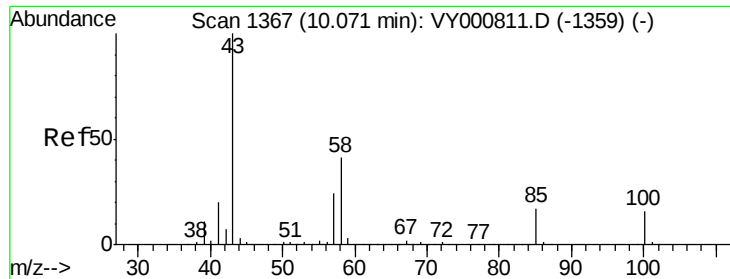
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#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 101.507 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 43 Resp: 319250

Ion Ratio Lower Upper

43 100

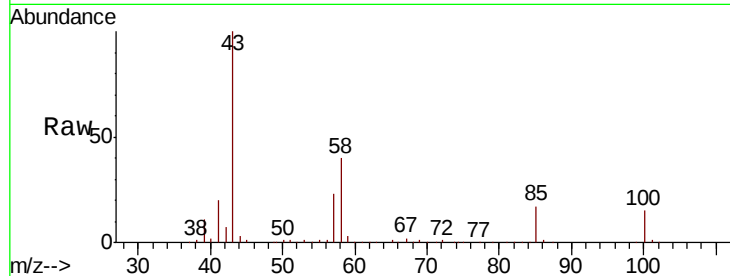
58 39.6 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-1359) (-)

10.07

200000

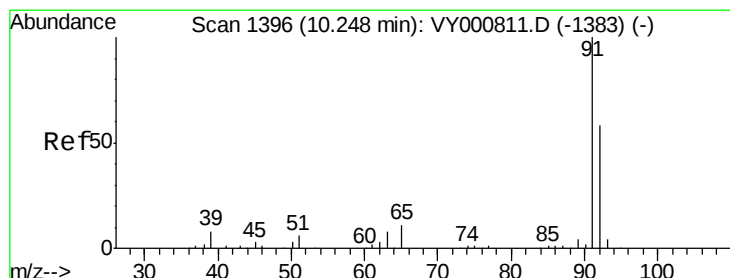
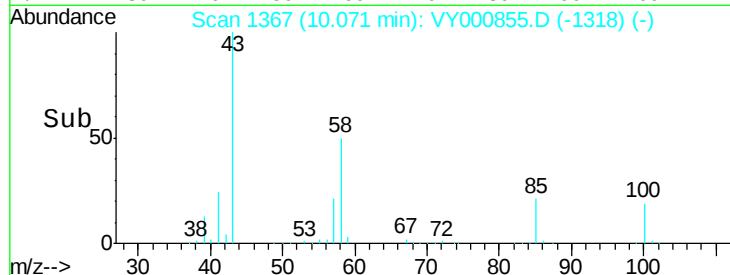
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.800 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000855.D

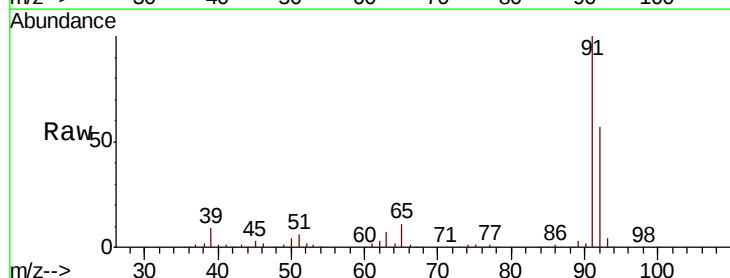
Acq: 04 Dec 2019 12:05

Tgt Ion: 92 Resp: 199764

Ion Ratio Lower Upper

92 100

91 171.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY000811.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY000811.D (-1383) (-)

10.24

200000

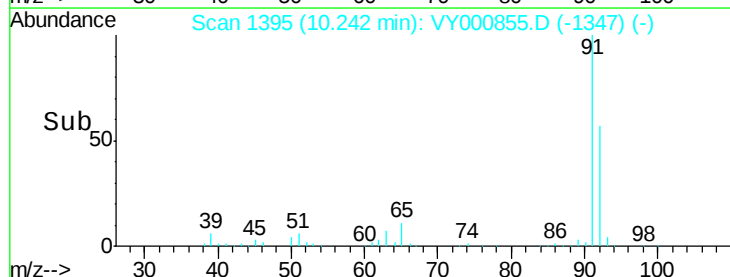
150000

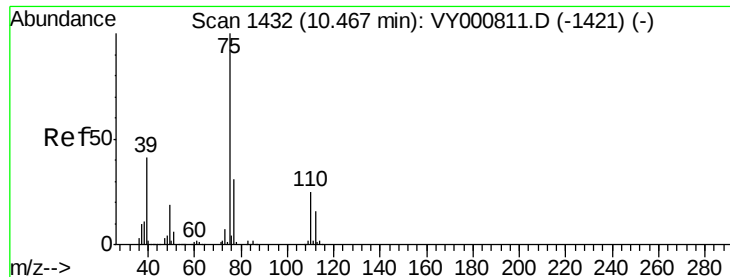
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.651 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 75 Resp: 106065

Ion Ratio Lower Upper

75 100

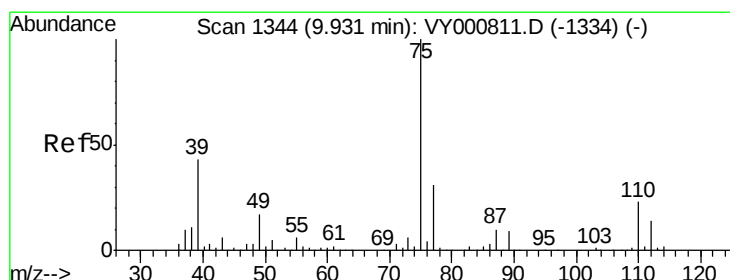
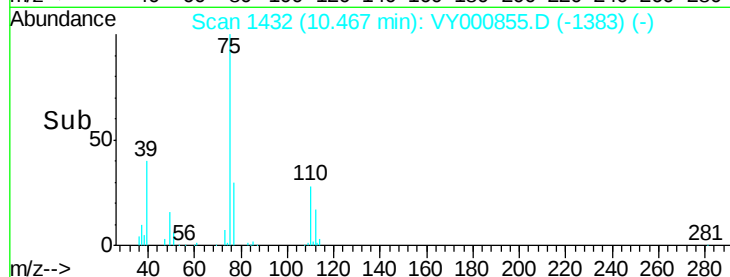
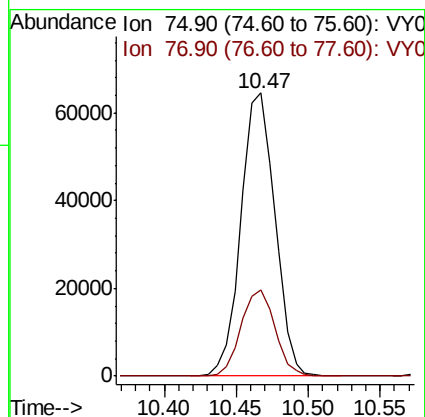
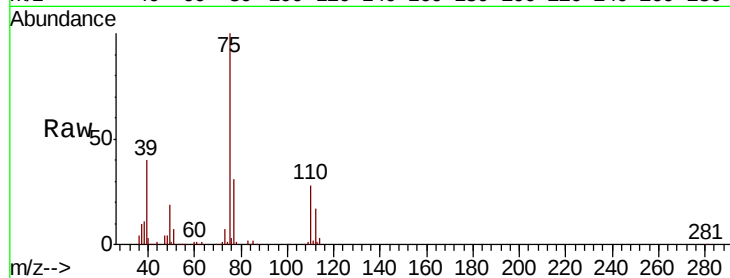
77 30.4 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 19.797 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

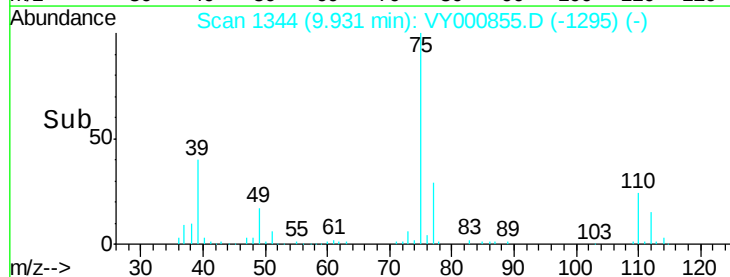
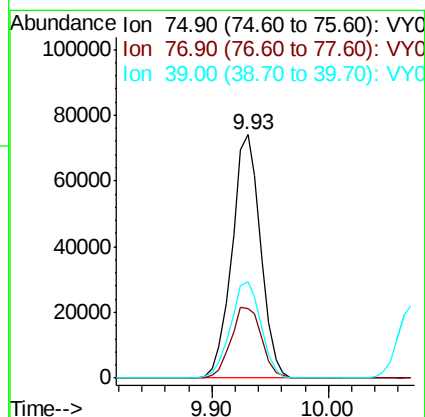
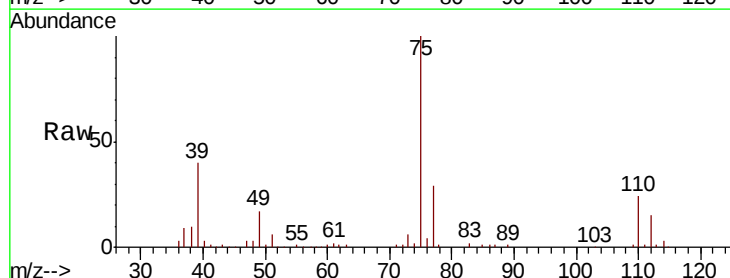
Tgt Ion: 75 Resp: 126297

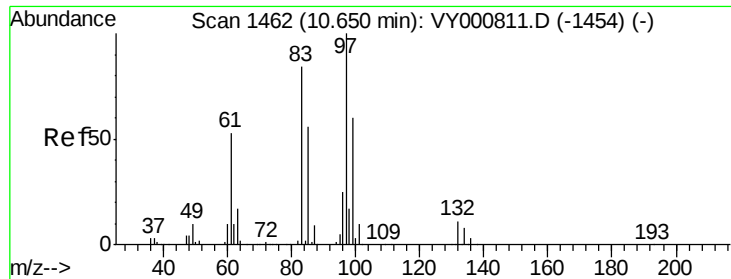
Ion Ratio Lower Upper

75 100

77 28.8 24.7 37.1

39 39.8 34.5 51.7





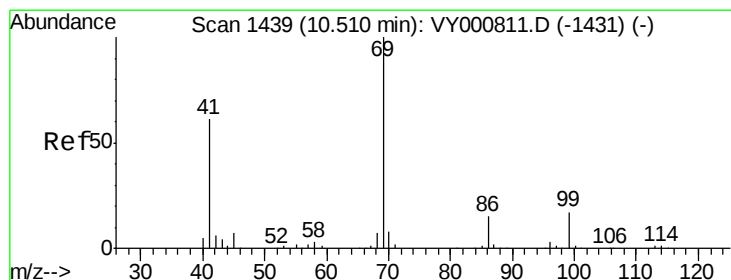
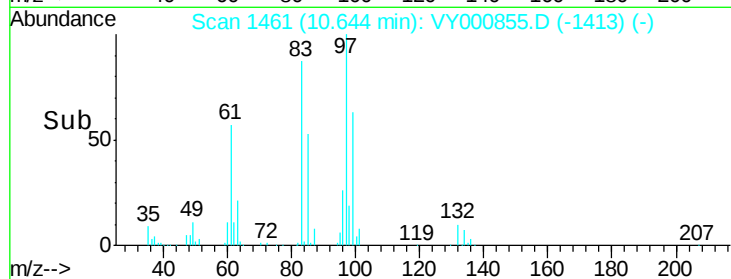
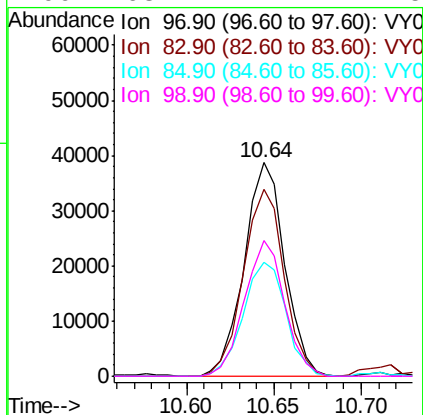
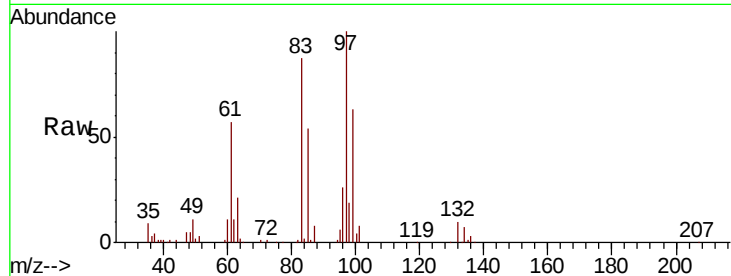
#55
 1,1,2-Trichloroethane
 Concen: 19.822 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.5	101.3
85	53.6	44.5	66.7
99	63.4	47.7	71.5

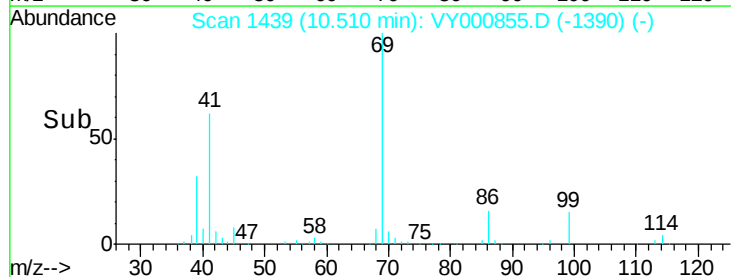
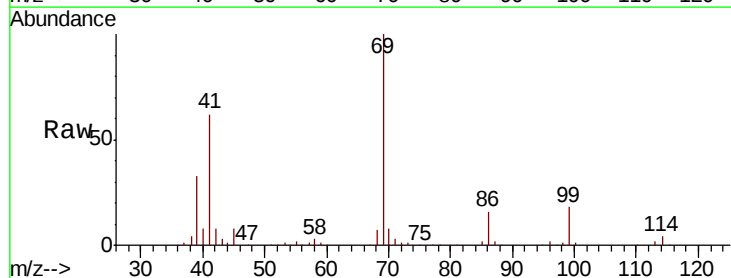
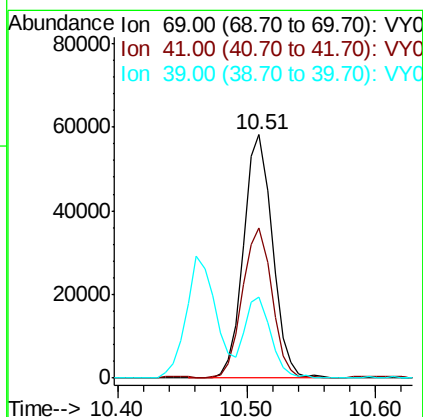
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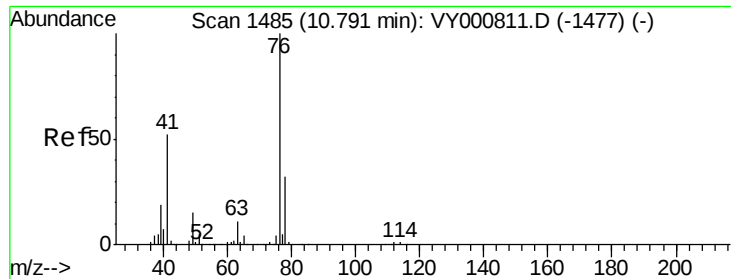
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#56
 Ethyl methacrylate
 Concen: 19.960 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.0	73.6
39	29.5	23.1	34.7





#57

1,3-Dichloropropane

Concen: 20.562 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 76 Resp: 113231

Ion Ratio Lower Upper

76 100

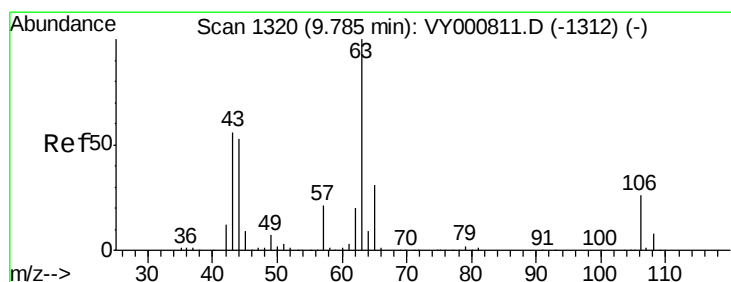
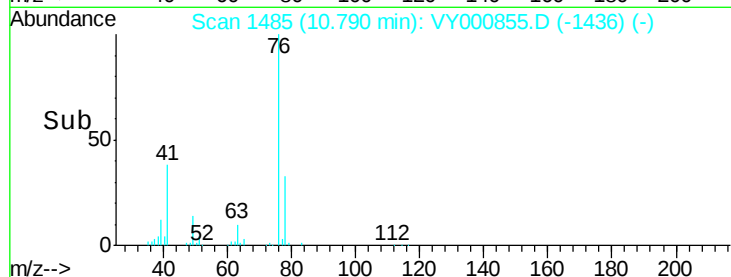
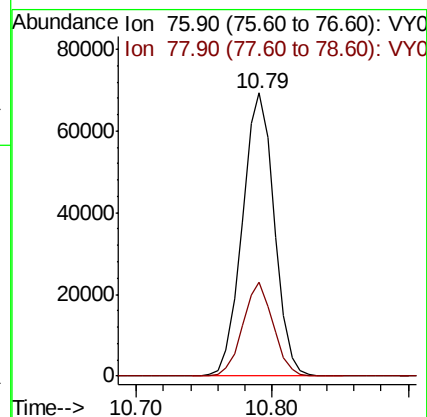
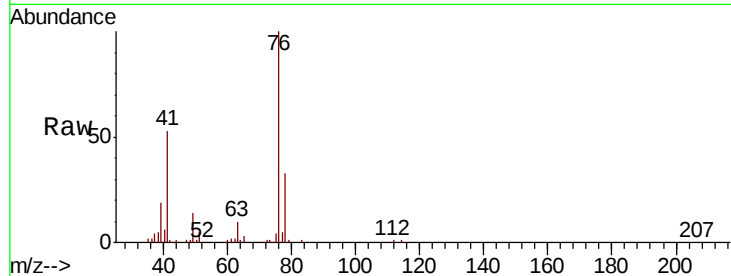
78 31.5 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 103.246 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000855.D

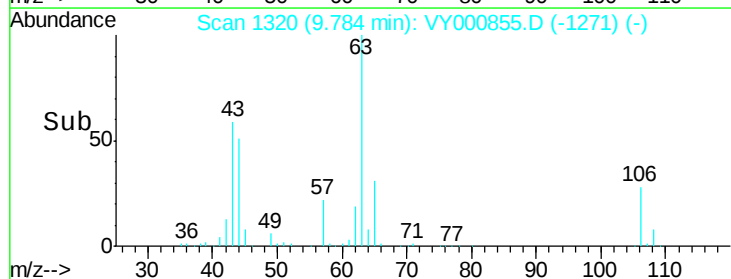
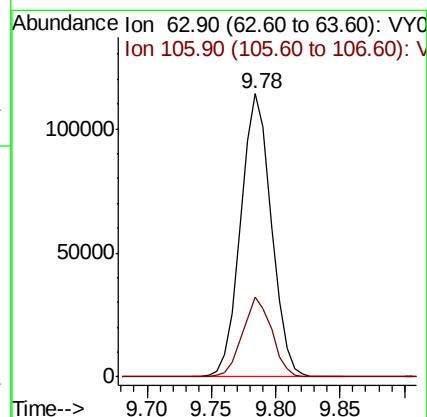
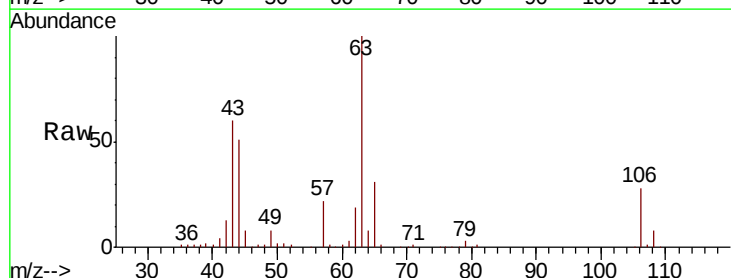
Acq: 04 Dec 2019 12:05

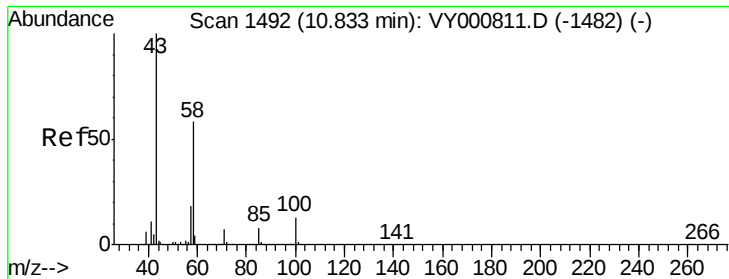
Tgt Ion: 63 Resp: 188163

Ion Ratio Lower Upper

63 100

106 26.9 21.5 32.3





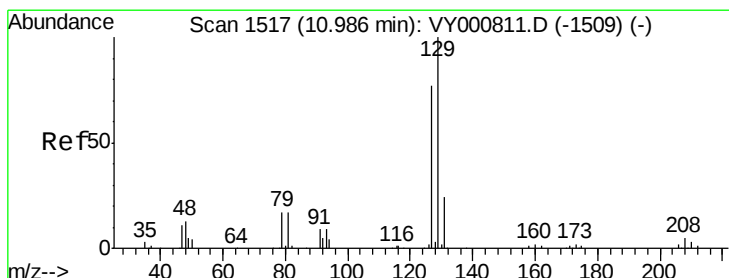
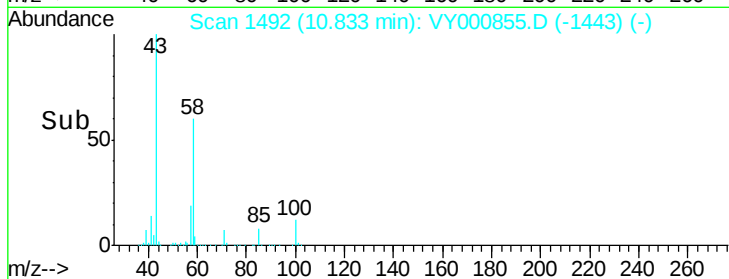
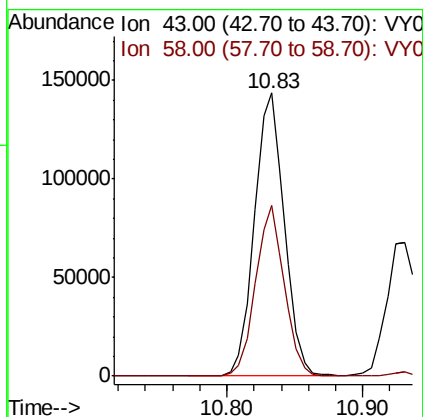
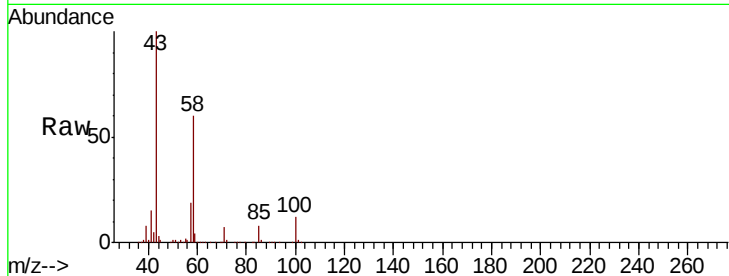
#59
2-Hexanone
Concen: 96.800 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion: 43 Resp: 221842
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1

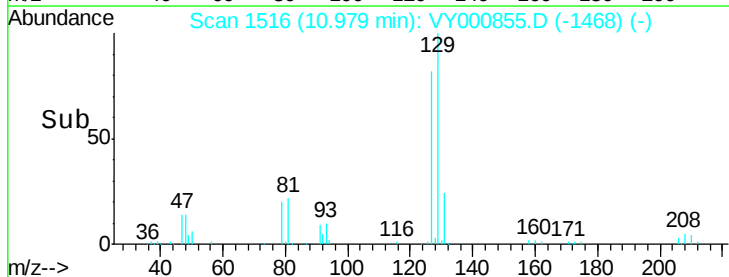
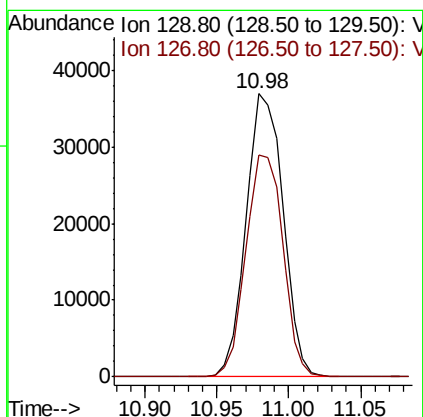
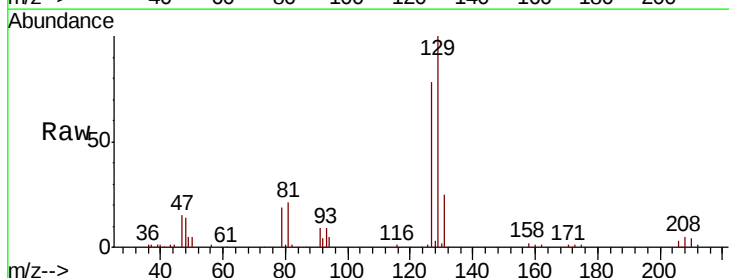
Manual Integrations
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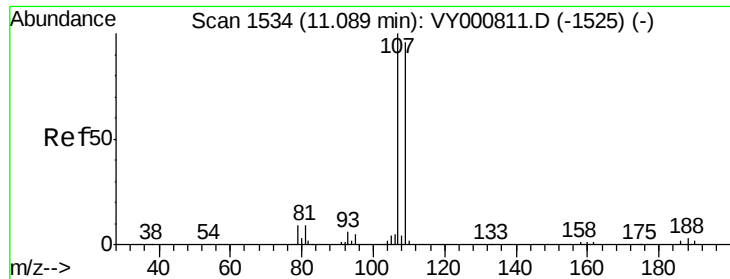
apatel
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#60
Dibromochloromethane
Concen: 19.262 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 129 Resp: 65515
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





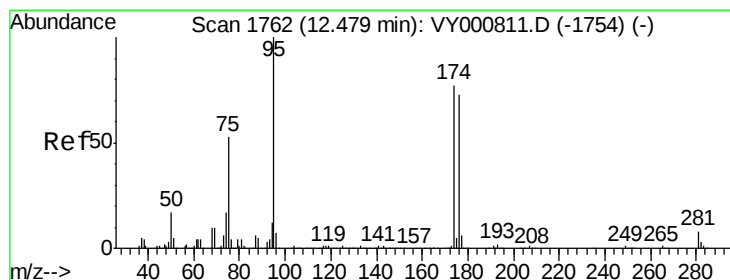
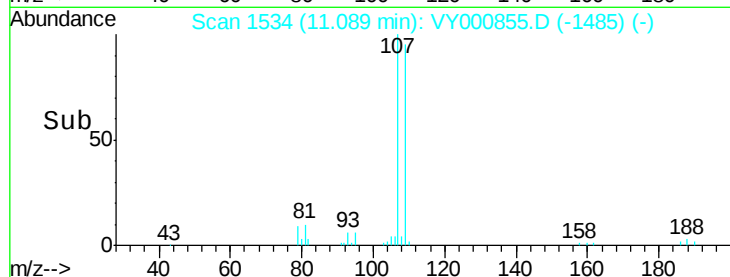
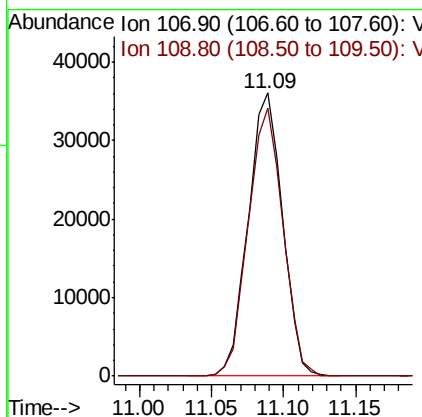
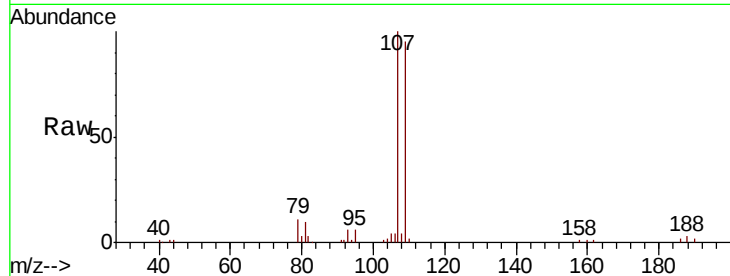
#61
 1,2-Dibromoethane
 Concen: 19.897 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.9	113.9

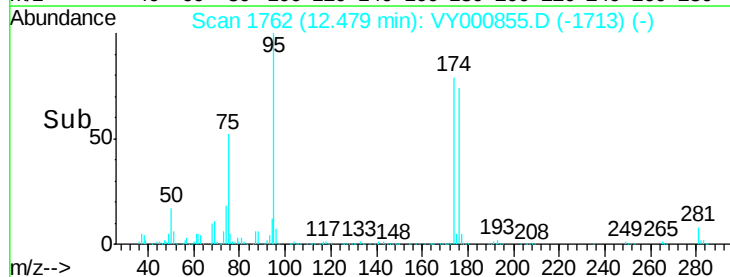
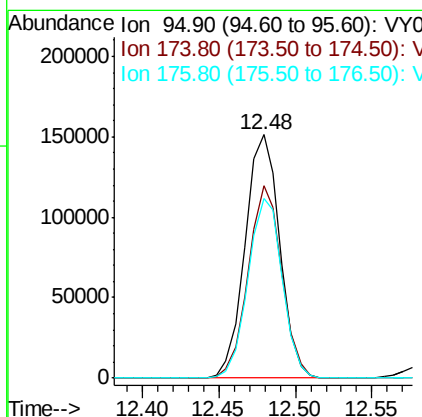
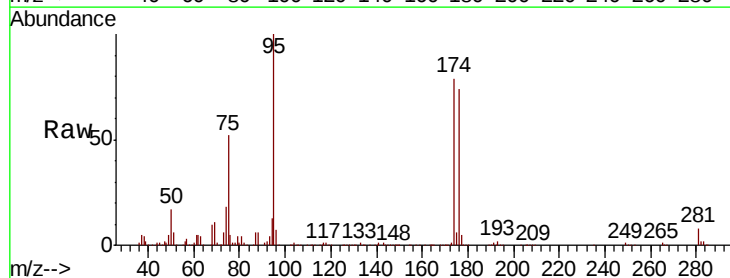
Manual Integrations
 APPROVED

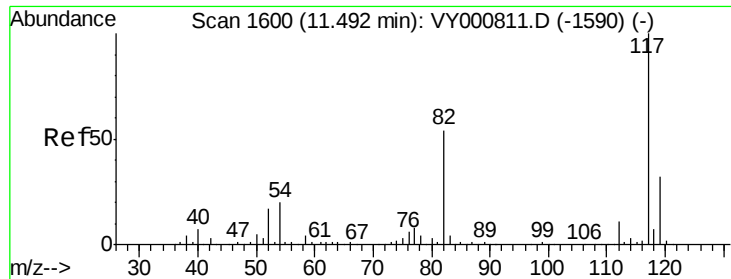
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.367 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	150.6
176	73.2	0.0	145.2





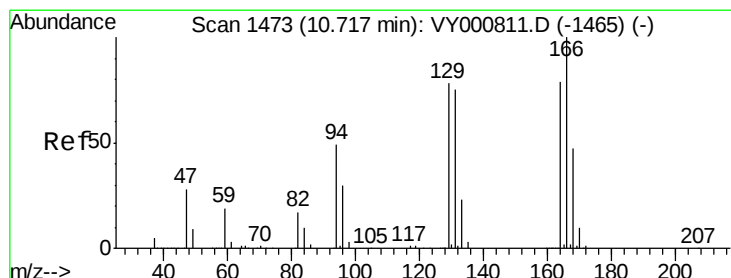
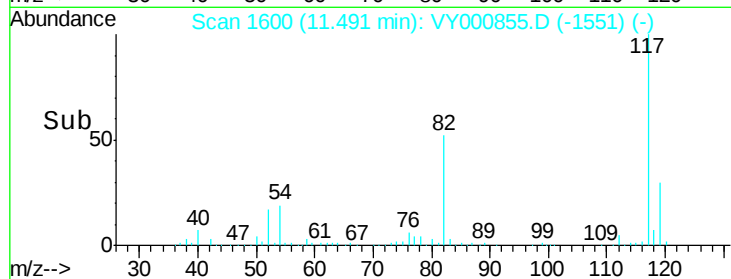
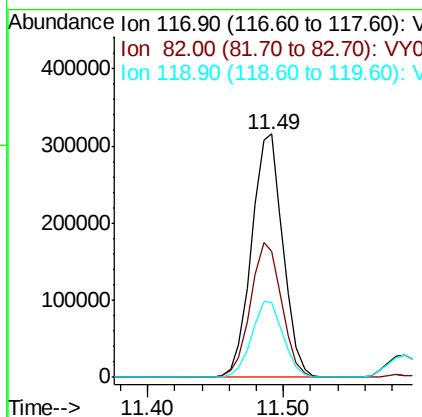
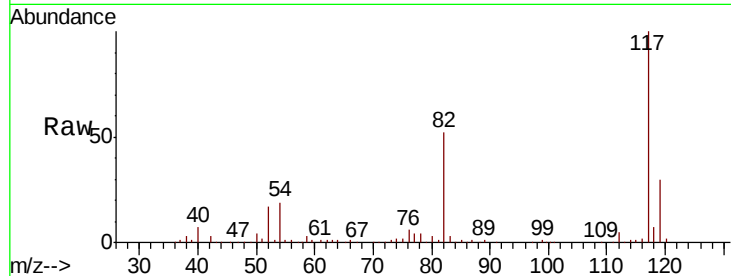
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.1	64.7
119	30.4	25.3	37.9

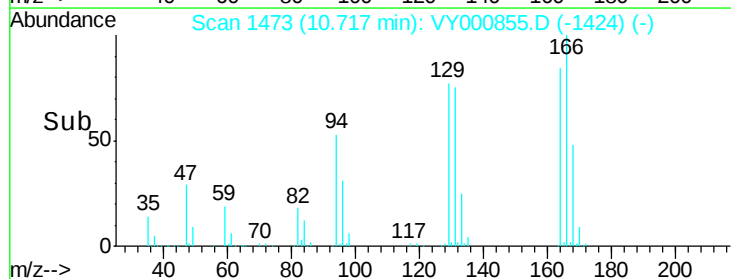
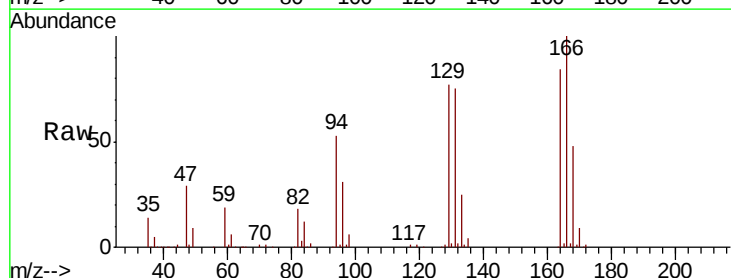
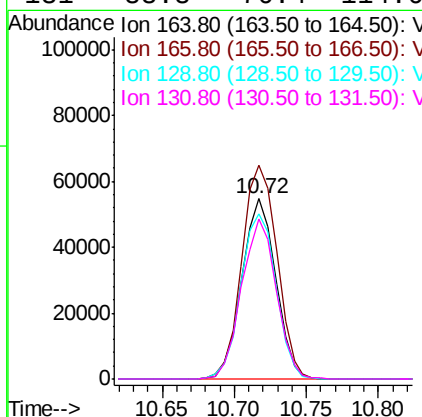
Manual Integrations
APPROVED

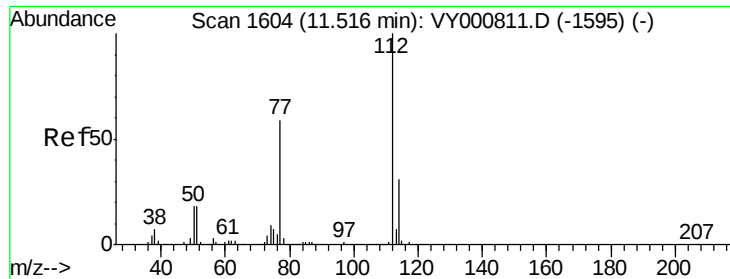
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#64
Tetrachloroethene
Concen: 20.102 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.4	101.8	152.8
129	91.6	79.3	118.9
131	88.8	76.4	114.6





#65

Chlorobenzene

Concen: 19.541 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

Tot Ion:112 Resp: 207100

Ion Ratio Lower Upper

112 100

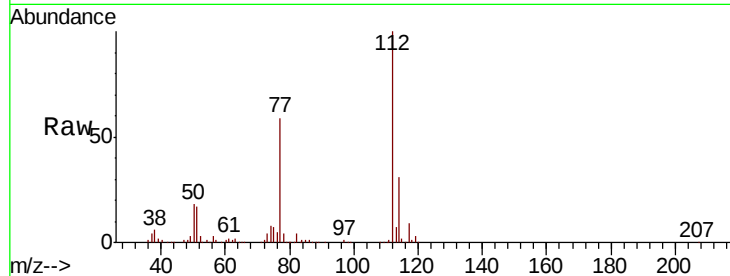
114 30.9 25.1 37.7

Manual Integrations

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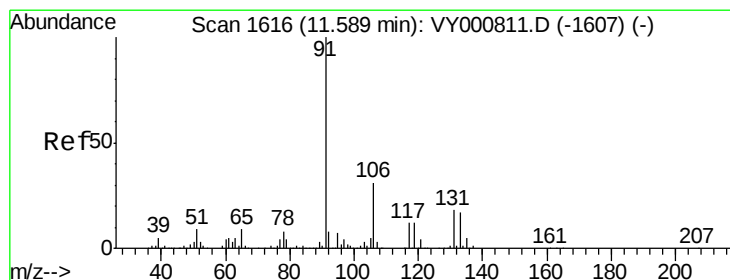
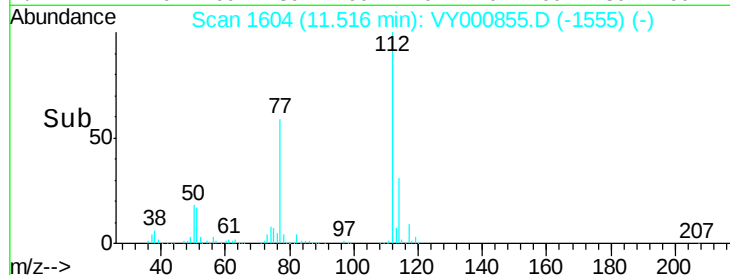
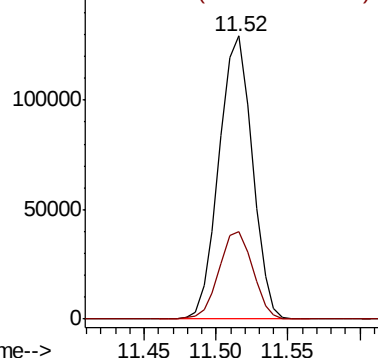
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.373 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

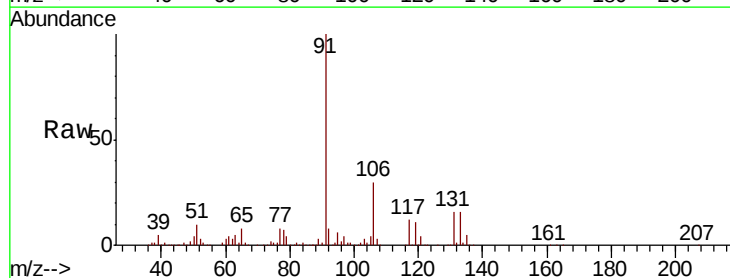
Tgt Ion:131 Resp: 69192

Ion Ratio Lower Upper

131 100

133 93.9 47.4 142.2

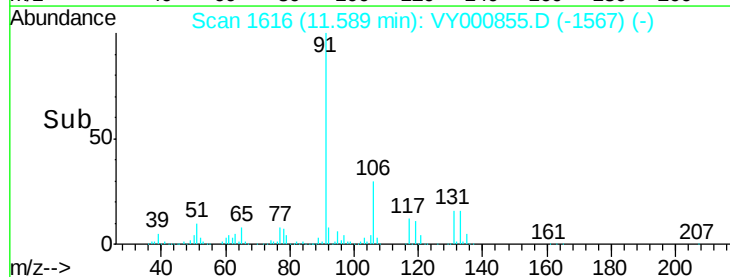
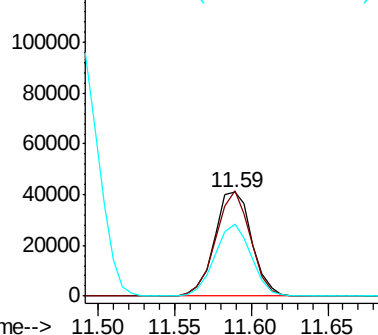
119 67.8 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





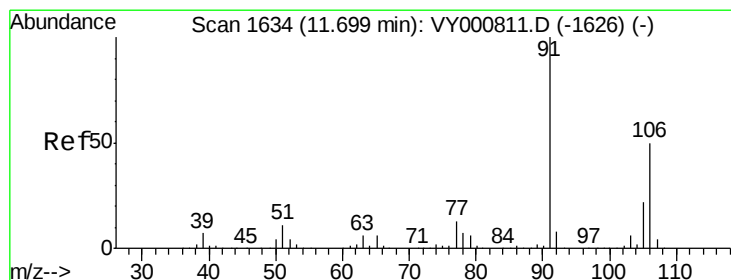
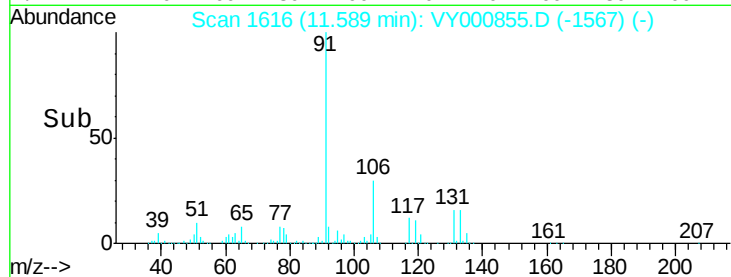
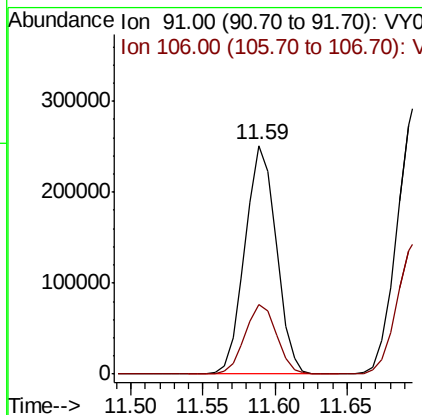
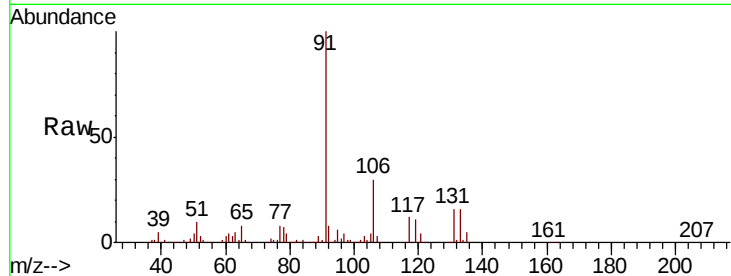
#67
Ethyl Benzene
Concen: 19.149 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion: 91 Resp: 377961
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

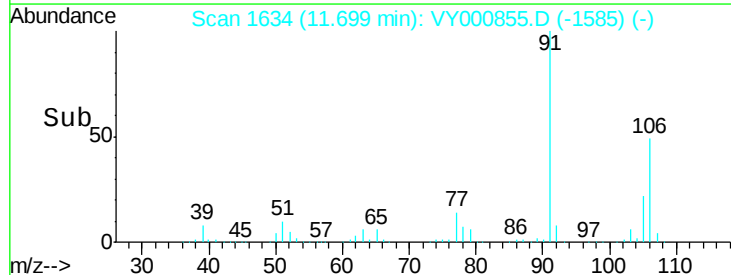
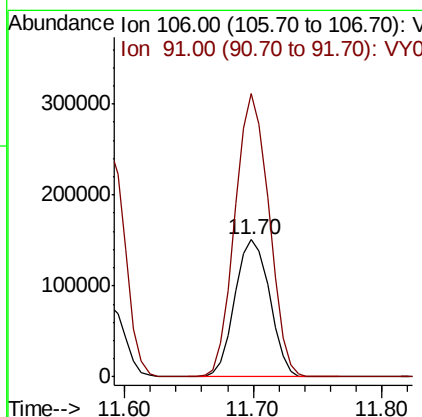
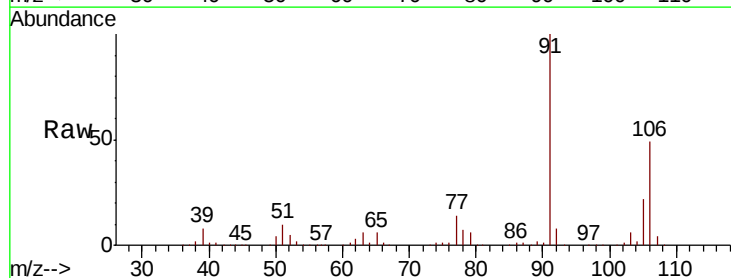
Manual Integrations
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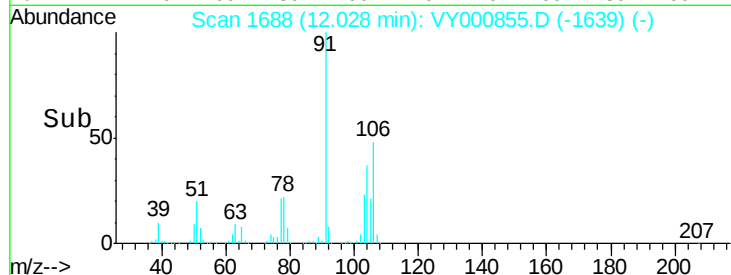
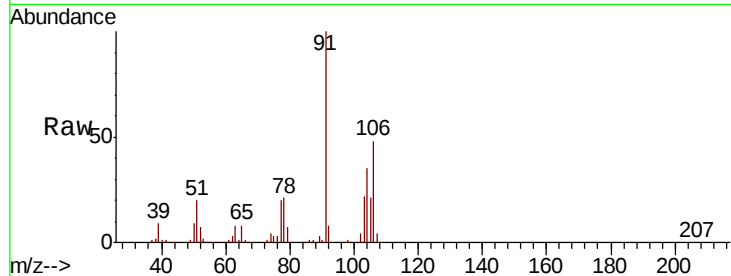
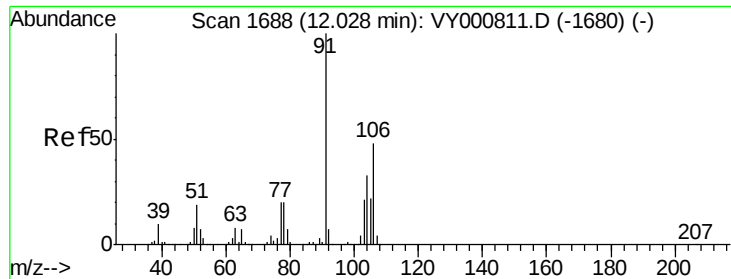
apatel
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#68
m/p-Xylenes
Concen: 38.176 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion: 106 Resp: 282827
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4





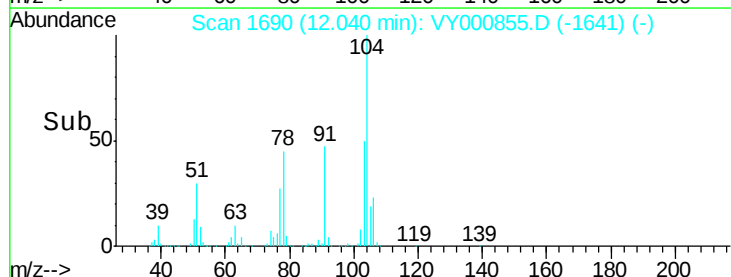
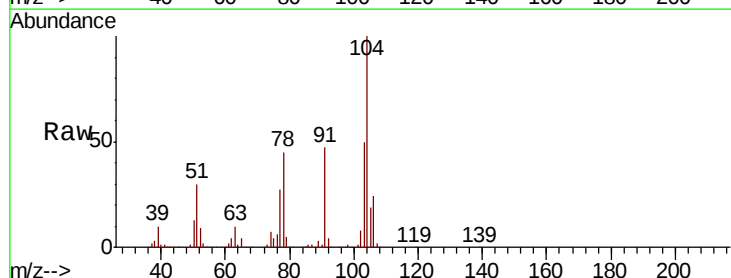
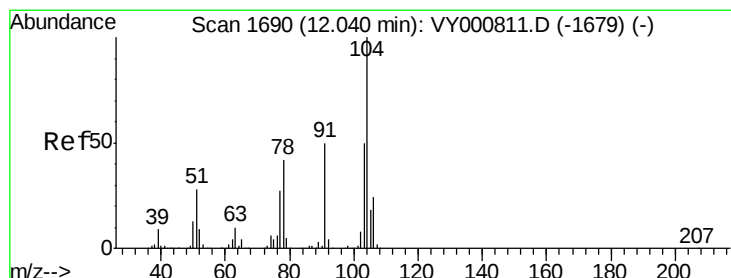
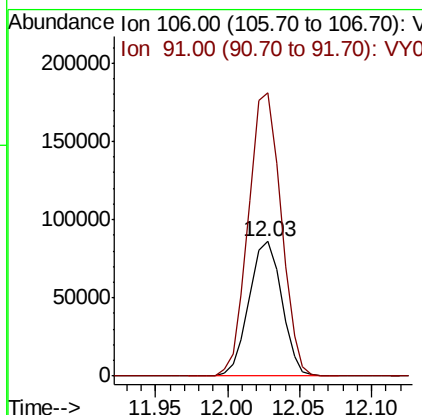
#69
o-Xylene
Concen: 19.714 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tot Ion	Ratio	Resp	Lower	Upper
106	100	136178		
91	209.6	106.1	318.1	

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

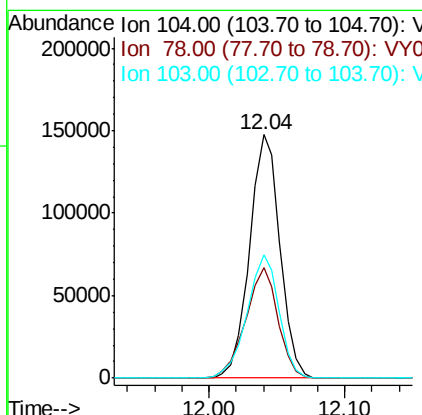
Manual Integrations
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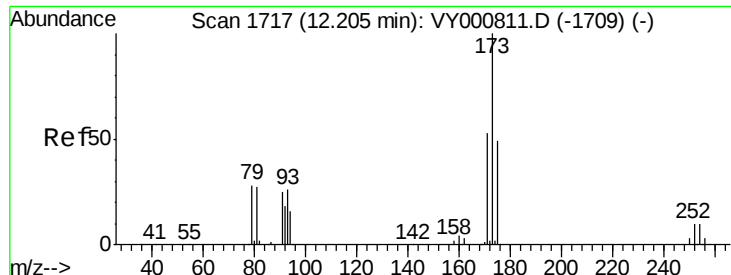
apatel
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#70
Styrene
Concen: 19.501 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	230654		
78	48.3	38.2	57.4	
103	53.5	43.4	65.0	





#71

Bromoform

Concen: 19.557 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:173 Resp: 39396

Ion Ratio Lower Upper

173 100

175 47.2 24.5 73.5

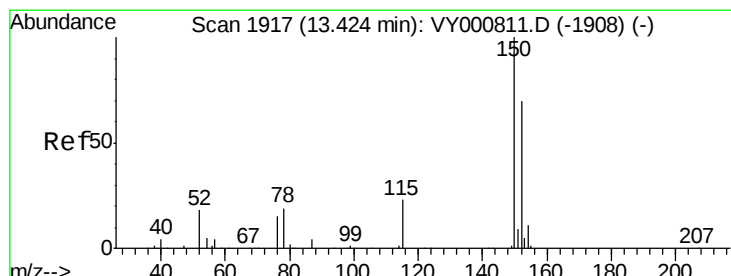
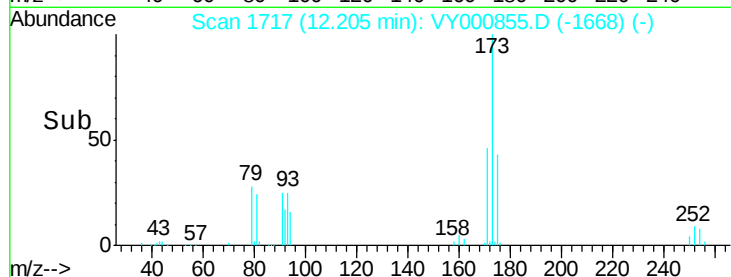
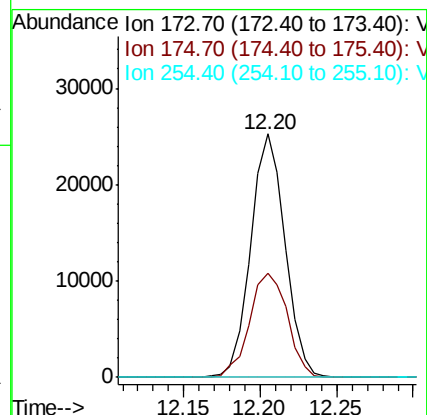
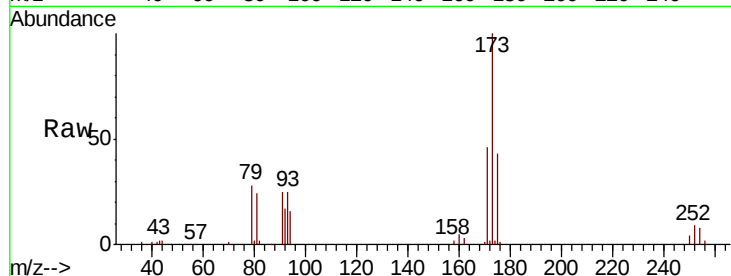
254 0.0 0.0 0.0

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

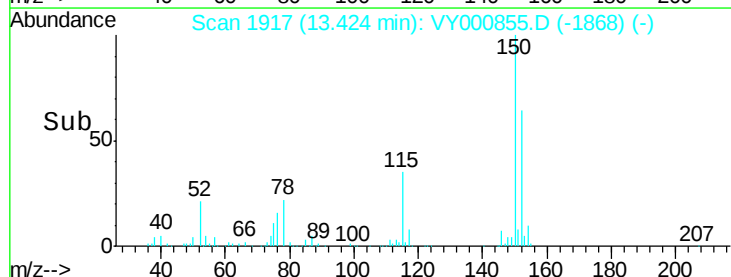
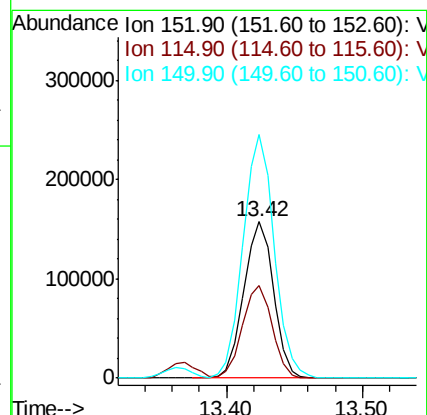
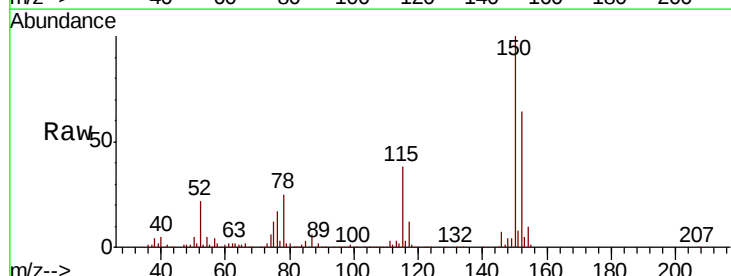
Tgt Ion:152 Resp: 241150

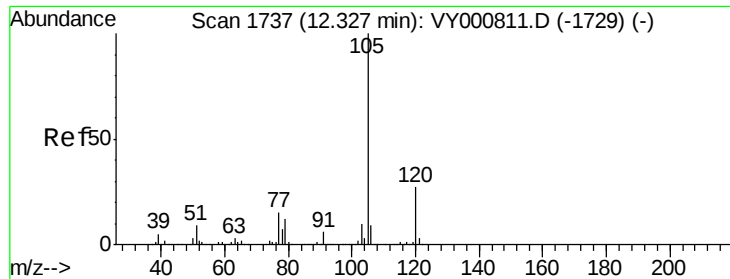
Ion Ratio Lower Upper

152 100

115 58.9 29.3 87.8

150 162.8 0.0 351.2





#73

Isopropylbenzene

Concen: 18.665 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 105 Resp: 358389

Ion Ratio Lower Upper

105 100

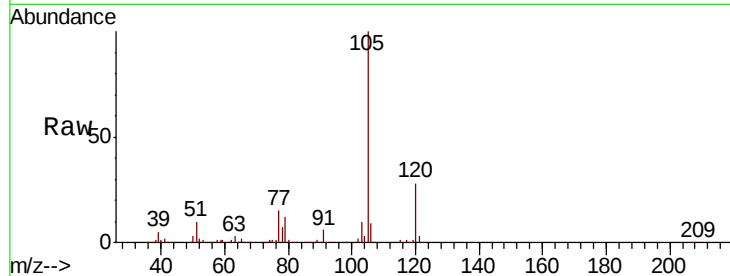
120 27.5 13.4 40.2

Manual Integrations

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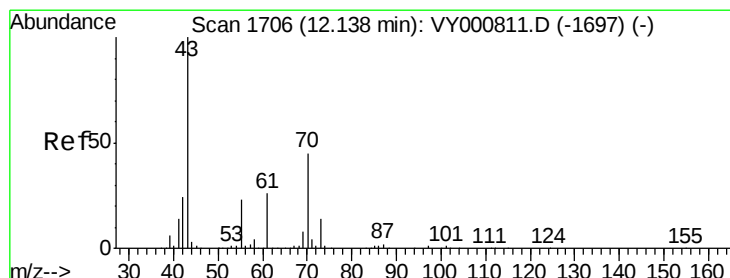
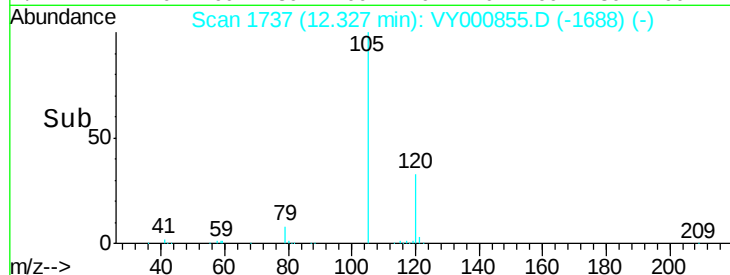
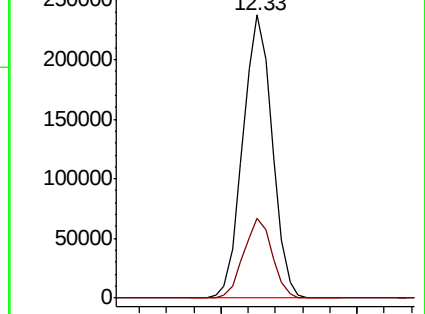
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.062 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion: 43 Resp: 101872

Ion Ratio Lower Upper

43 100

70 44.1 36.6 54.8

55 24.0 18.8 28.2

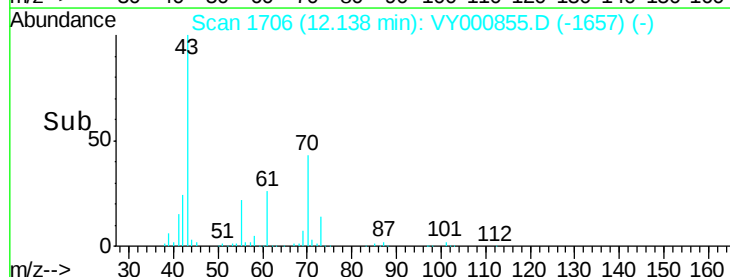
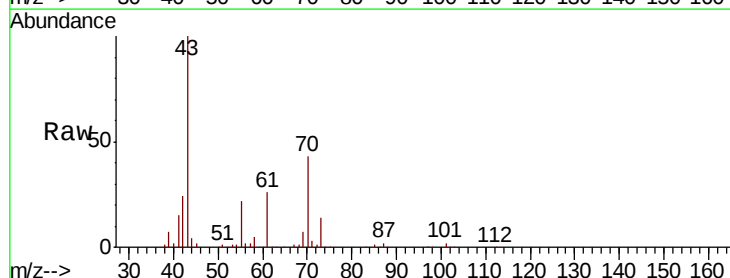
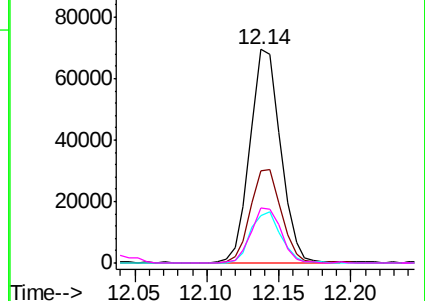
61 25.5 21.0 31.6

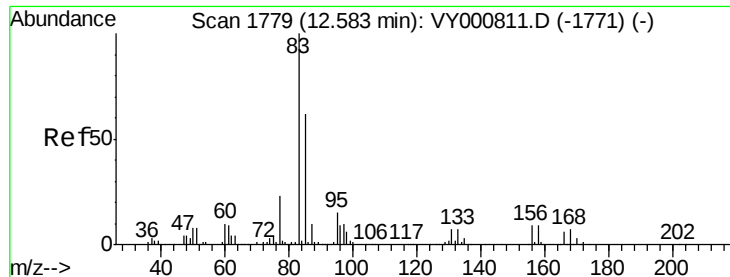
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.725 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

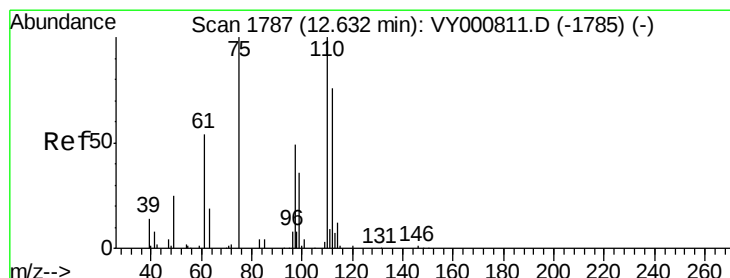
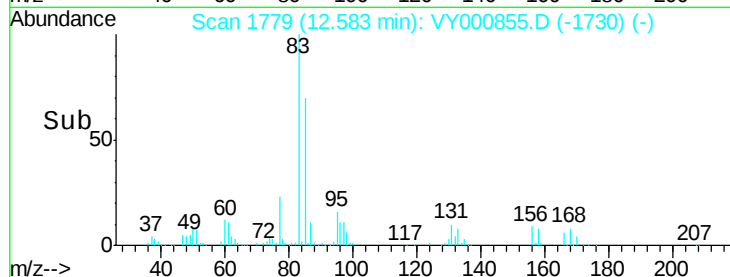
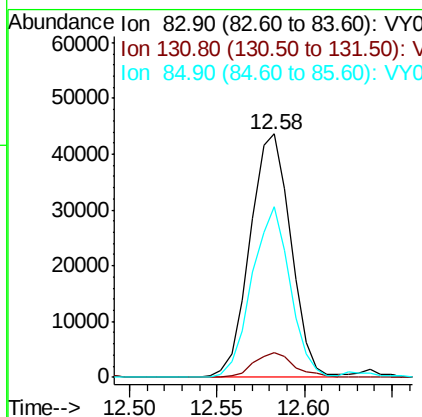
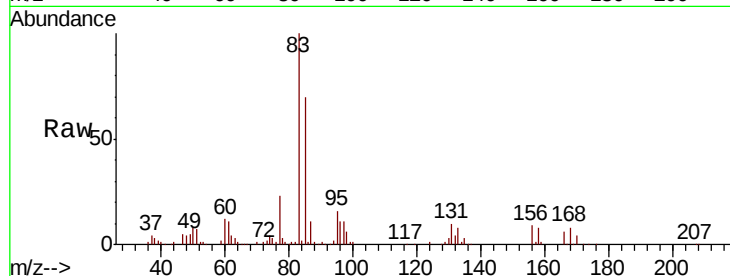
ClientSampleId :

VY1204SBS01

Tot Ion:	83	Resp:	70842
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.3	13.1
85	65.8	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.472 ug/l m

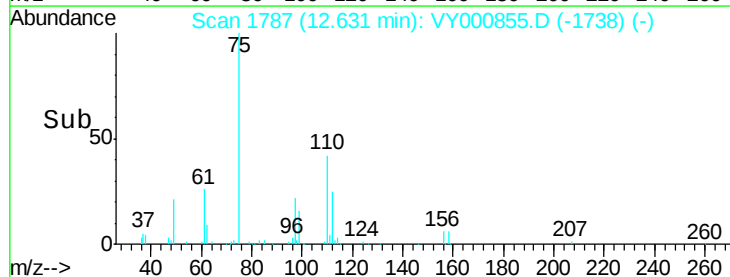
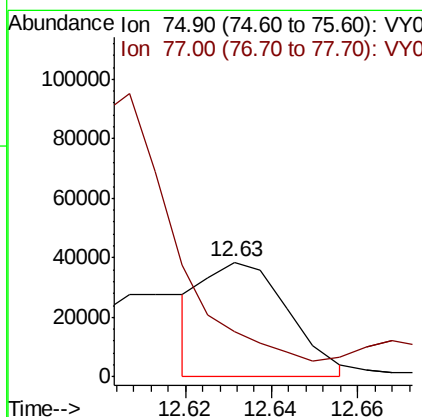
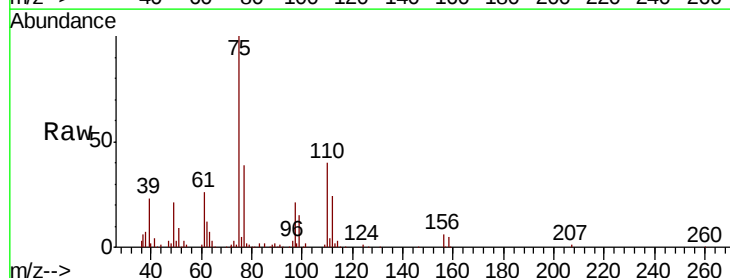
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Tgt Ion:	75	Resp:	53201
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.580 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

Tot Ion:156 Resp: 77331

Ion Ratio Lower Upper

156 100

77 213.7 102.6 307.7

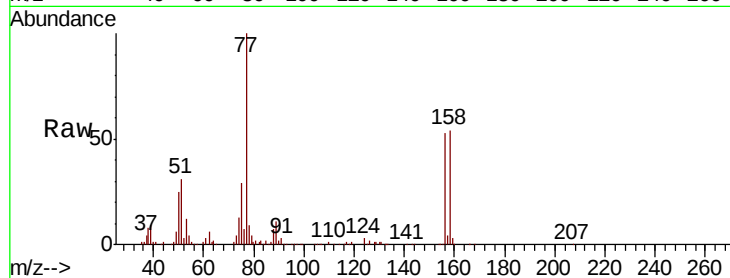
158 102.0 47.6 142.8

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

120000

100000

80000

60000

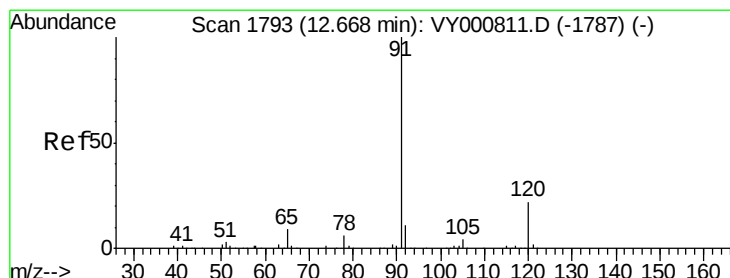
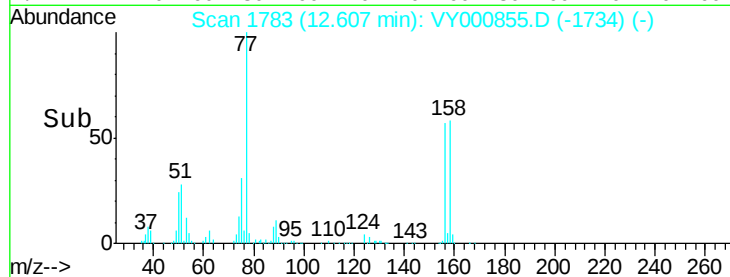
40000

20000

0

12.55 12.60 12.65

Time-->



#78

n-propylbenzene

Concen: 18.694 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000855.D

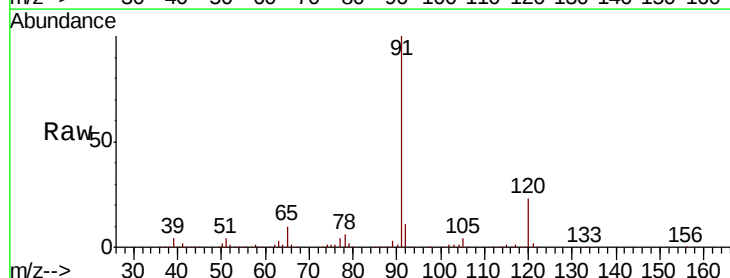
Acq: 04 Dec 2019 12:05

Tgt Ion: 91 Resp: 438265

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

300000

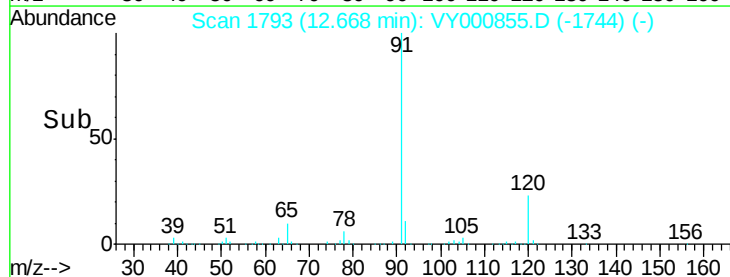
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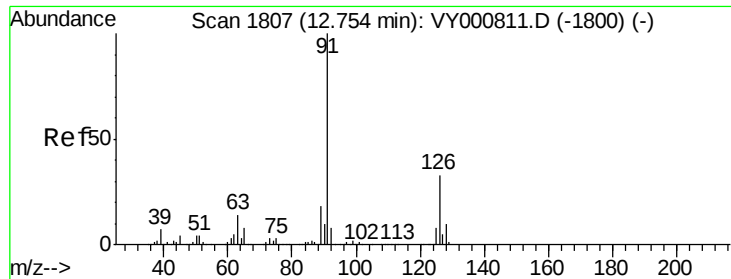
100000

0

12.60 12.65 12.70

Time-->





#79

2-Chlorotoluene

Concen: 18.590 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion: 91 Resp: 240784

Ion Ratio Lower Upper

91 100

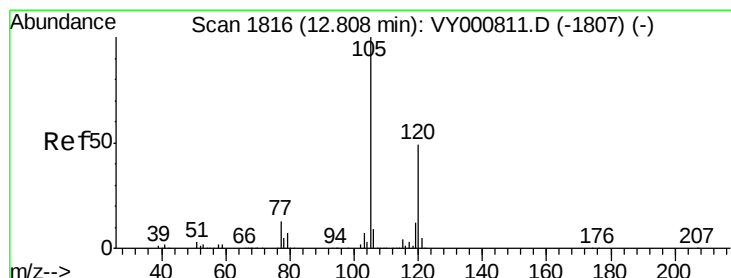
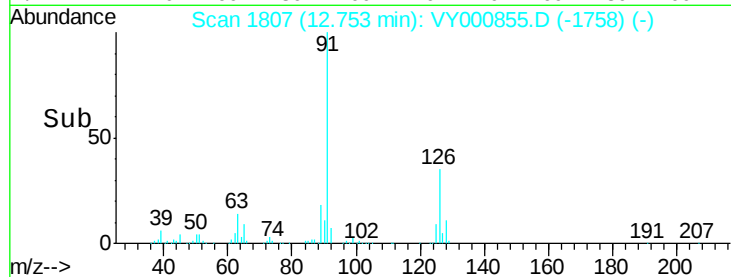
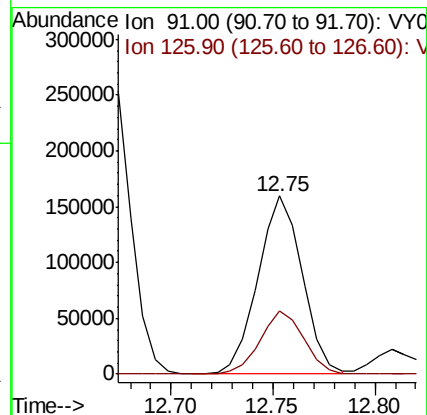
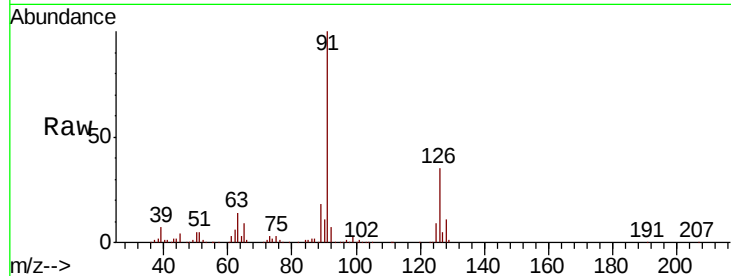
126 34.8 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 18.963 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000855.D

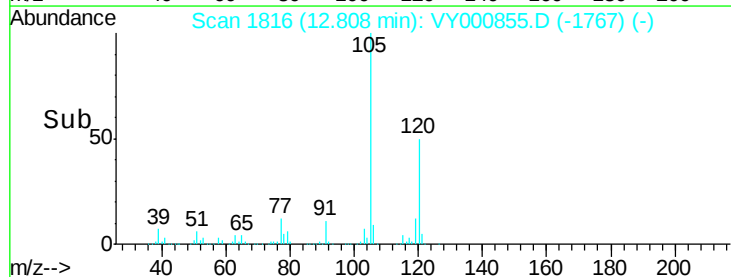
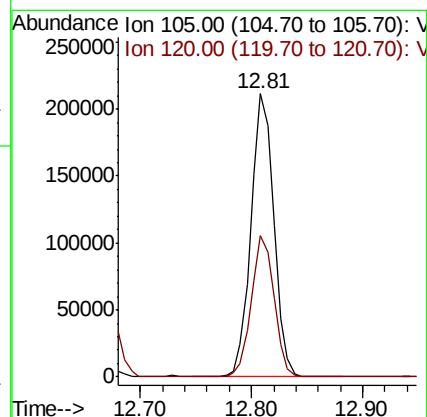
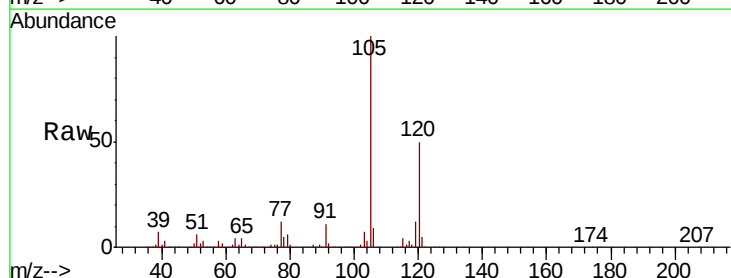
Acq: 04 Dec 2019 12:05

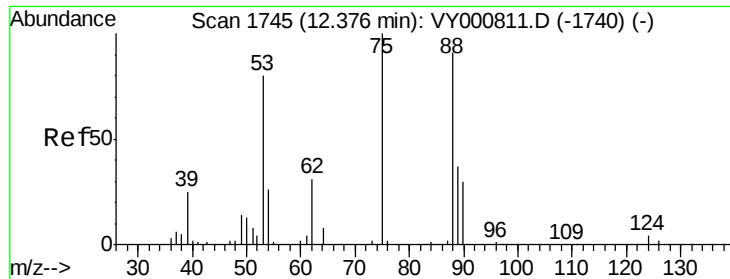
Tgt Ion: 105 Resp: 301467

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





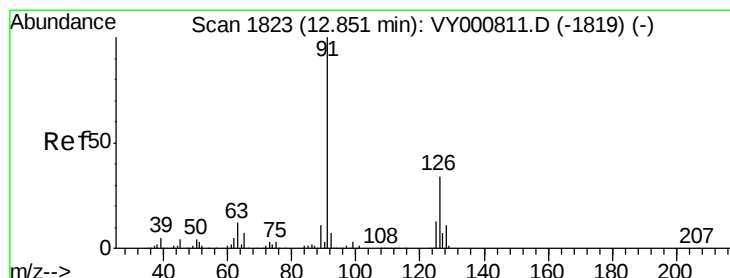
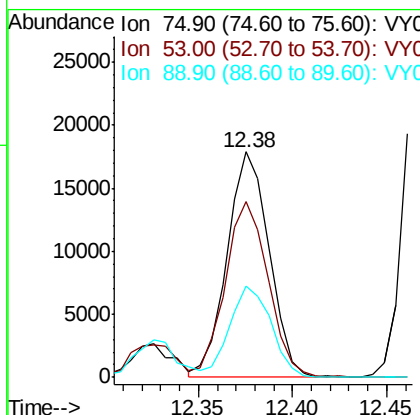
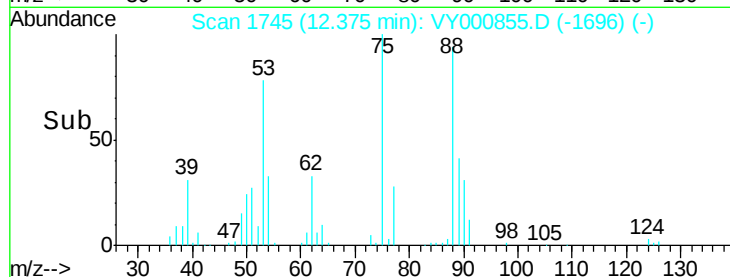
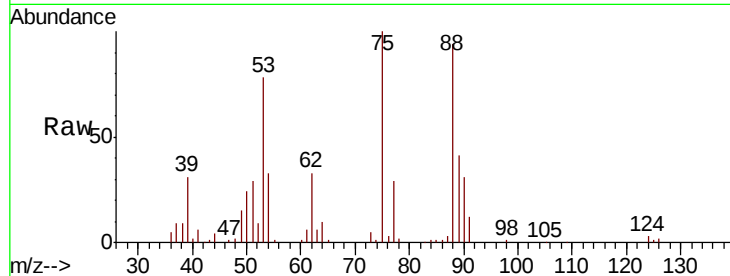
#81
trans-1,4-Dichloro-2-butene
Concen: 19.855 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.3	64.6	96.8
89	40.1	33.6	50.4

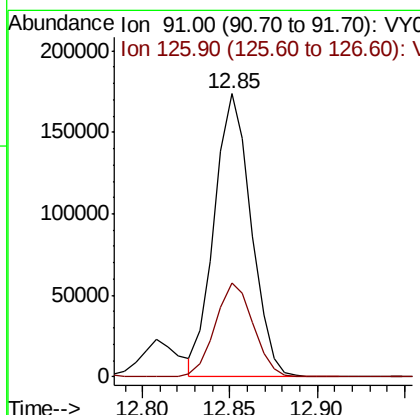
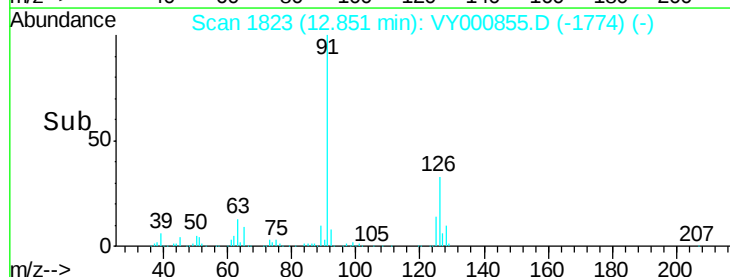
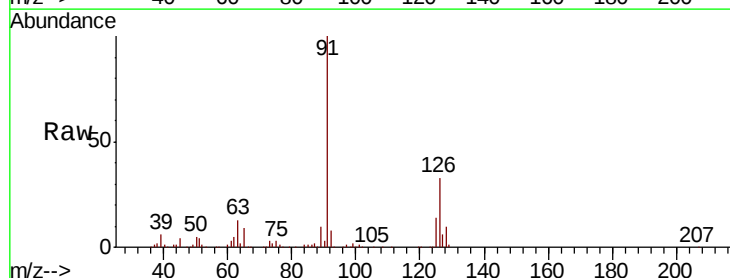
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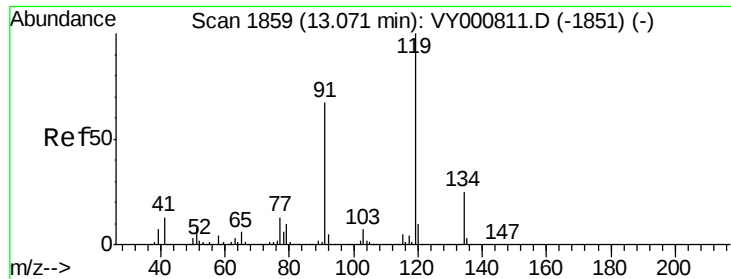
apatel
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#82
4-Chlorotoluene
Concen: 19.125 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.3	51.9





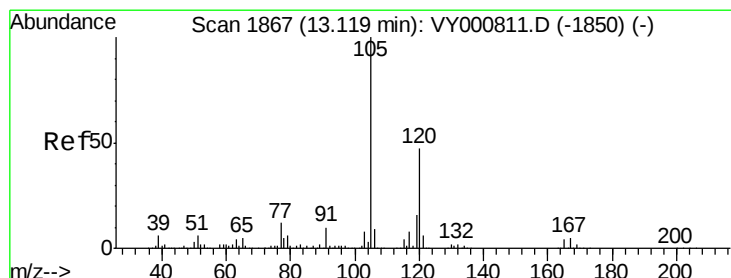
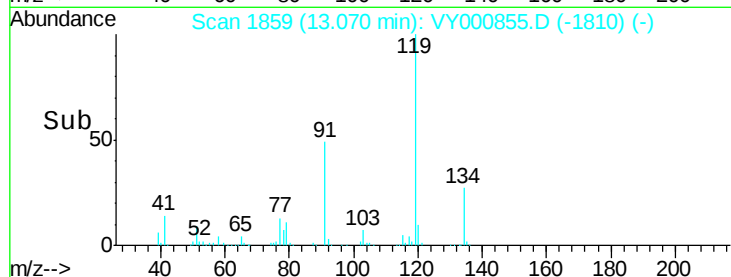
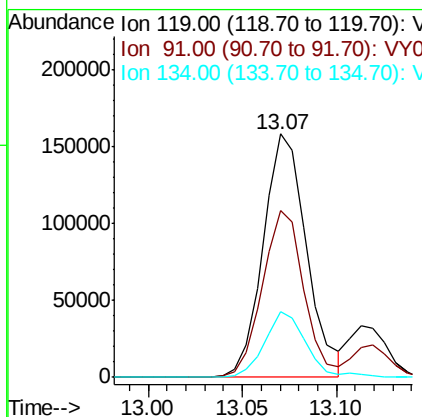
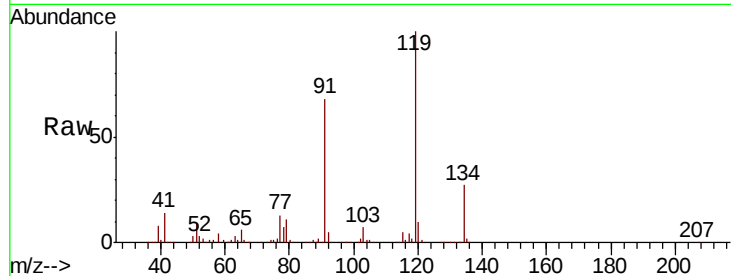
#83
tert-Butylbenzene
Concen: 18.918 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	252862		
91	65.6	32.3	96.8	
134	25.9	12.9	38.7	

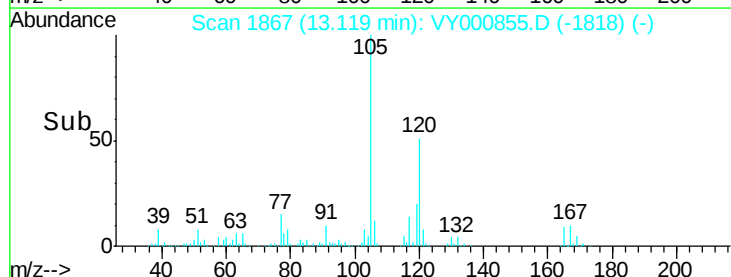
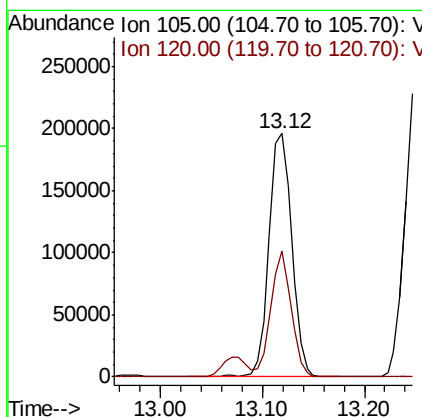
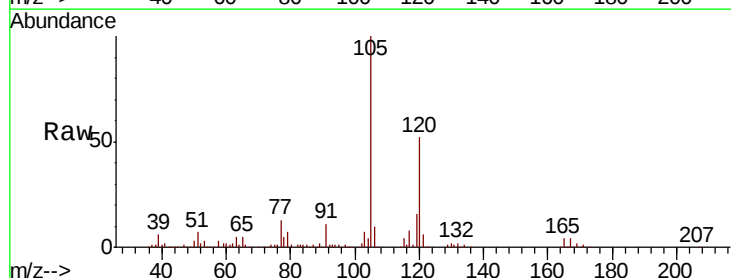
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#84
1,2,4-Trimethylbenzene
Concen: 19.046 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302942		
120	45.8	22.6	67.8	





#85

sec-Butylbenzene

Concen: 19.146 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

Tot Ion:105 Resp: 372186

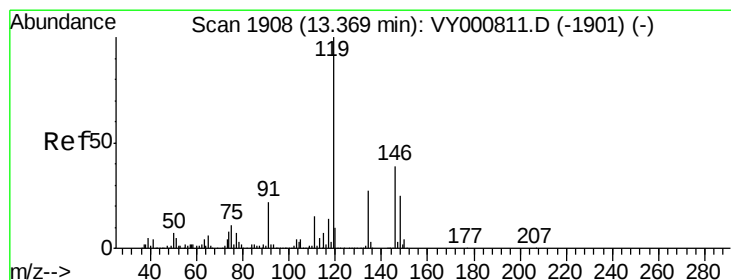
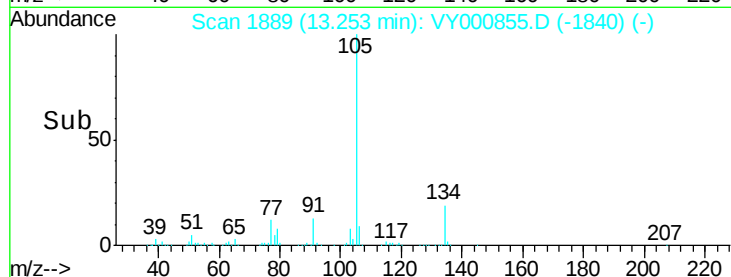
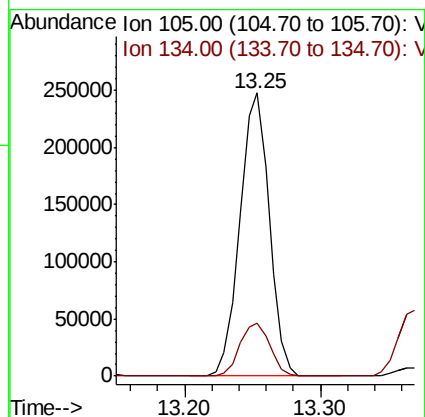
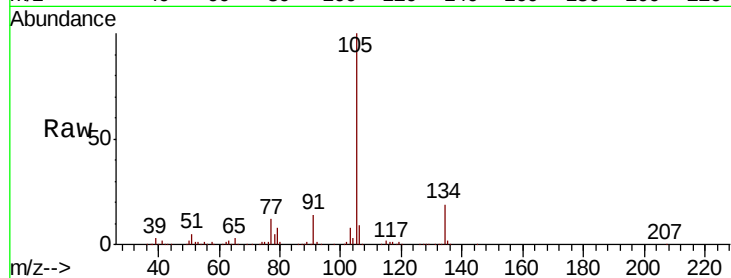
Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 19.315 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000855.D

Acq: 04 Dec 2019 12:05

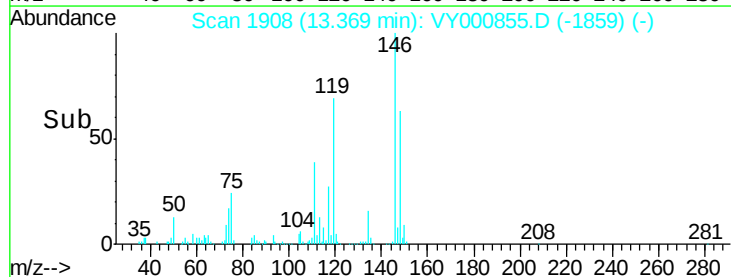
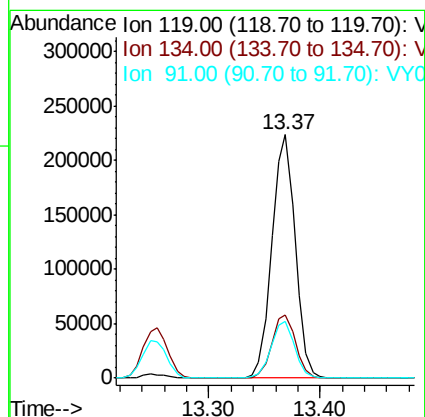
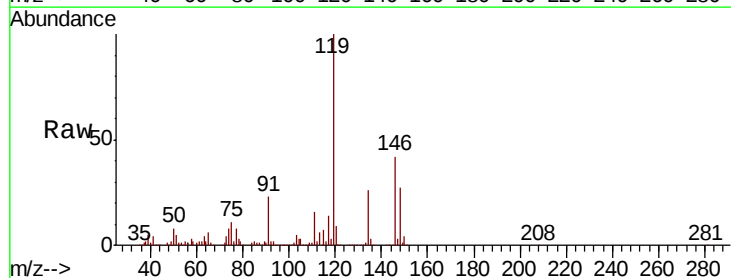
Tgt Ion:119 Resp: 326568

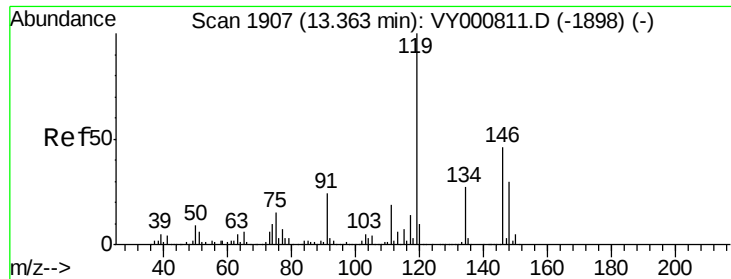
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 23.4 11.5 34.5





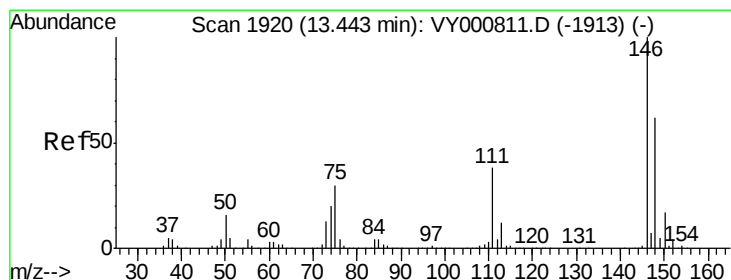
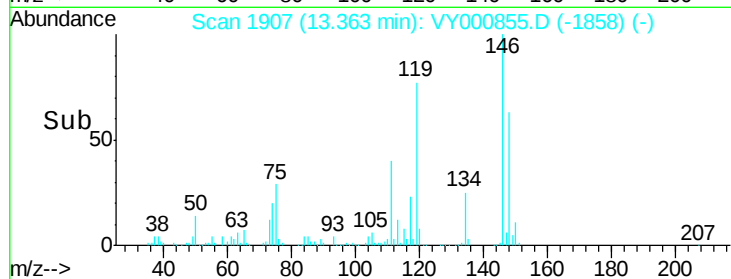
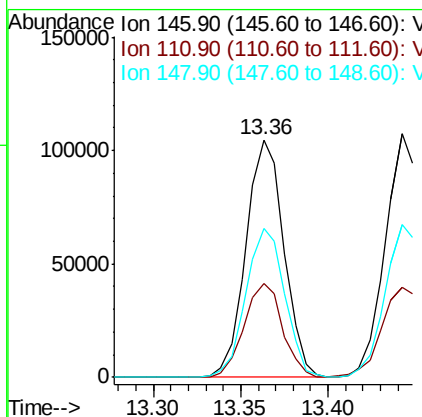
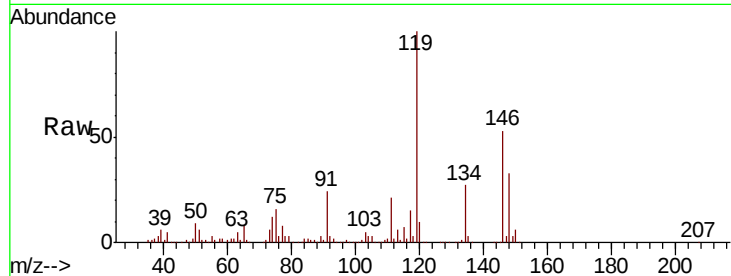
#87
 1,3-Dichlorobenzene
 Concen: 19.325 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	157782		
111	40.1		20.0	60.0
148	64.4		32.1	96.5

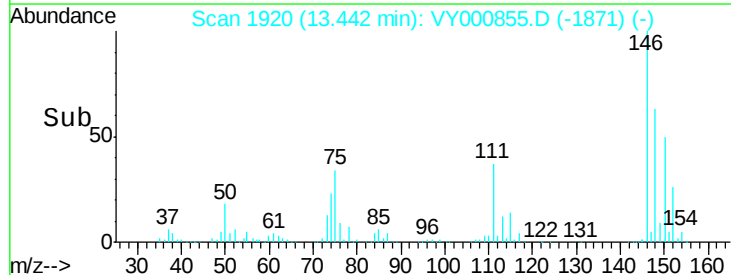
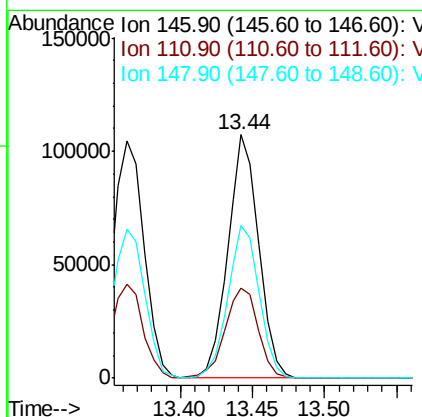
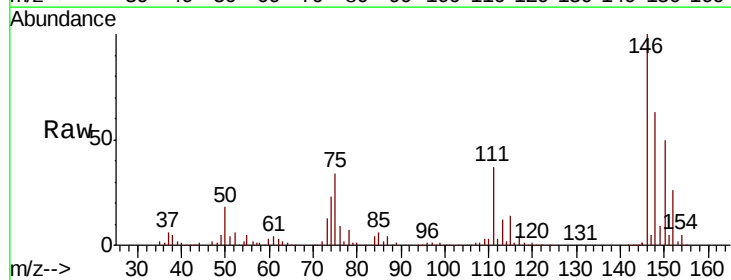
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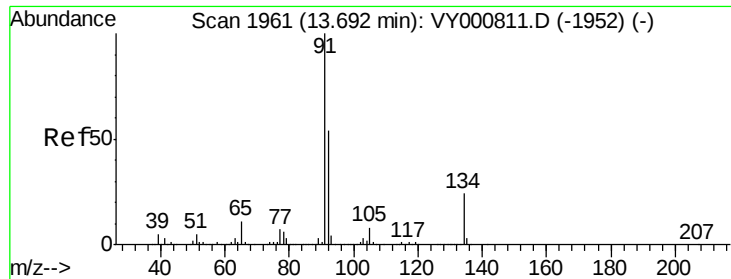
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#88
 1,4-Dichlorobenzene
 Concen: 19.834 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	160347		
111	39.9		20.0	59.9
148	64.1		31.7	95.1





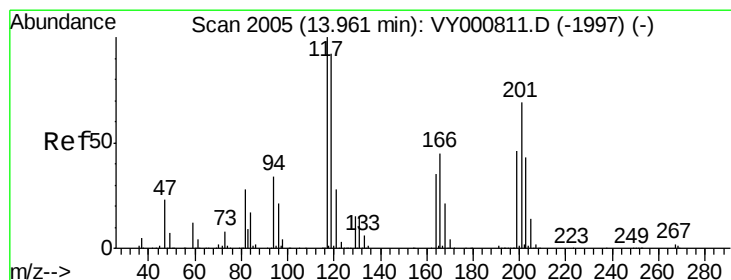
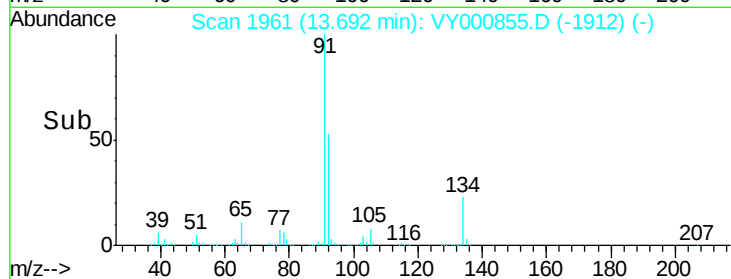
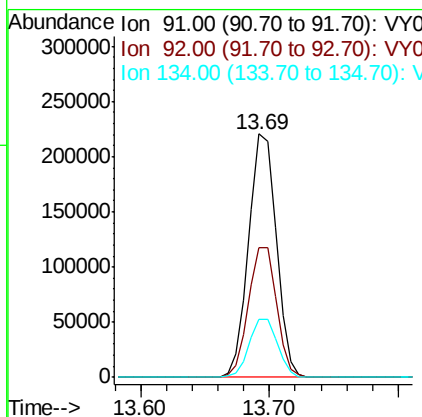
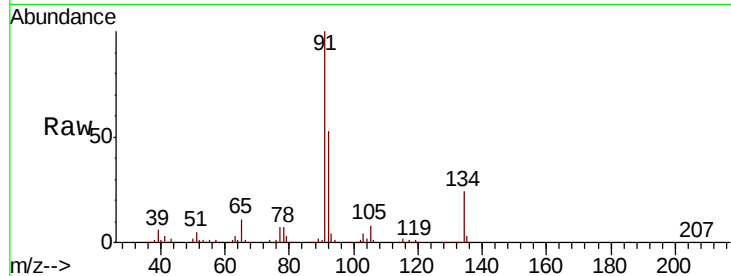
#89
n-Butylbenzene
Concen: 19.108 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	26.9	80.7	
134	24.6	12.6	37.6	

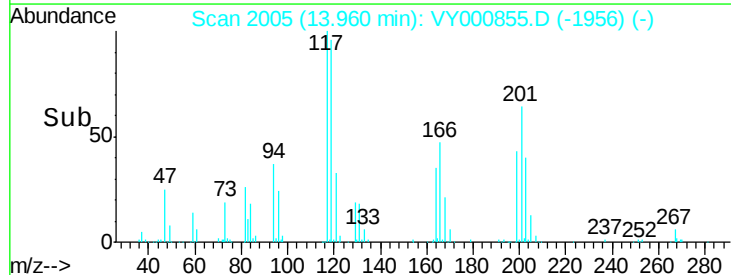
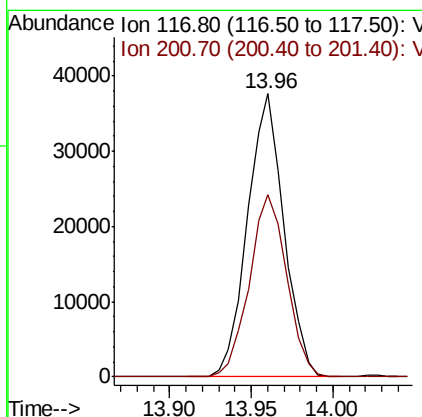
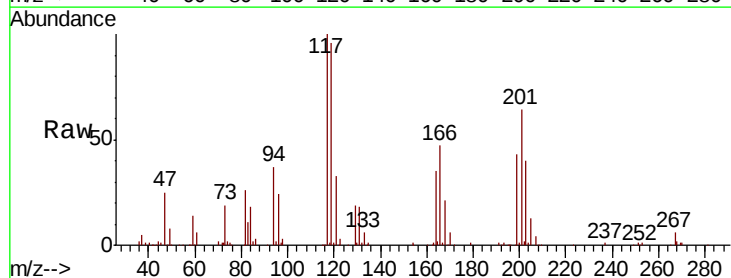
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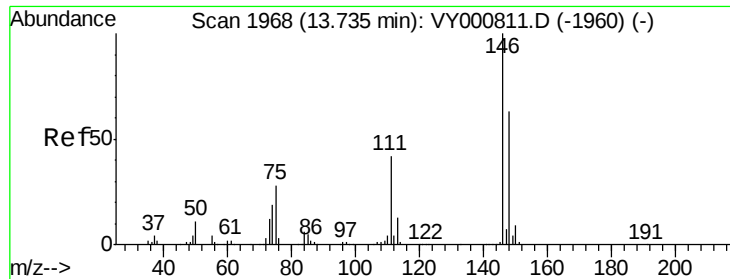
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#90
Hexachloroethane
Concen: 18.741 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	65.9	34.0	102.0	





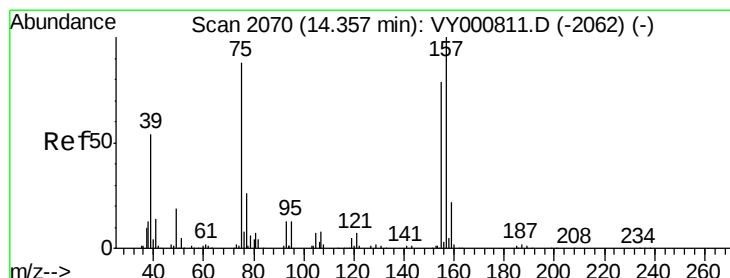
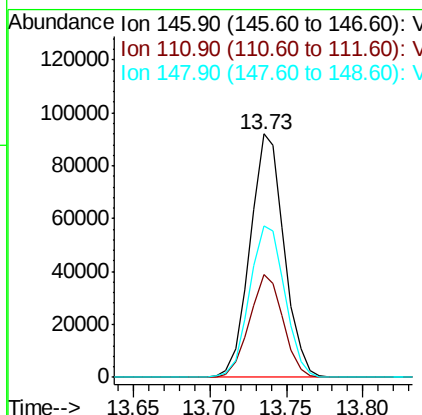
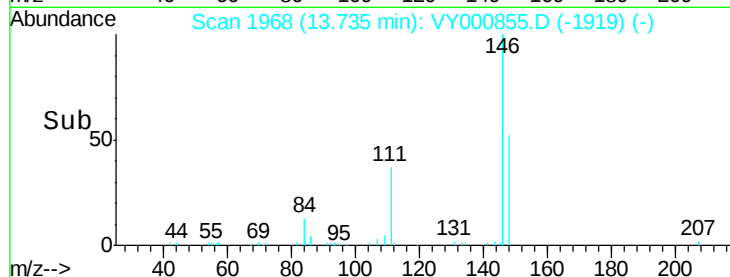
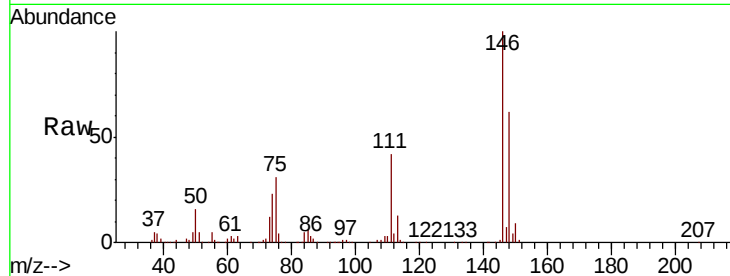
#91
 1,2-Dichlorobenzene
 Concen: 19.328 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.7
148	64.6	32.1	96.3

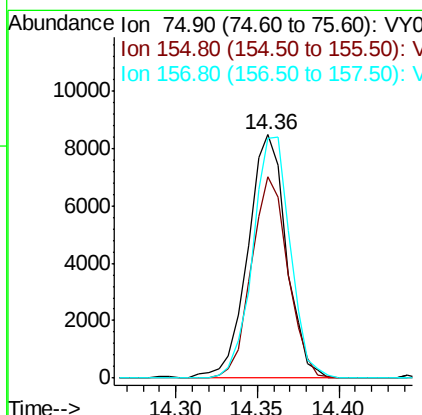
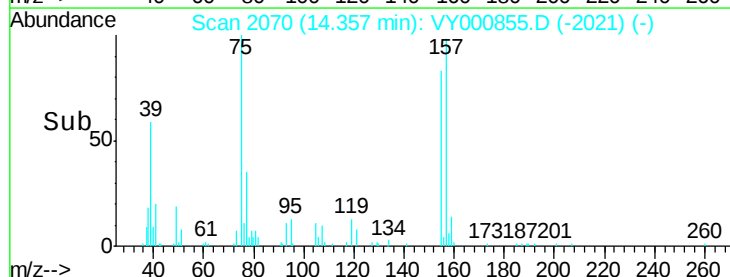
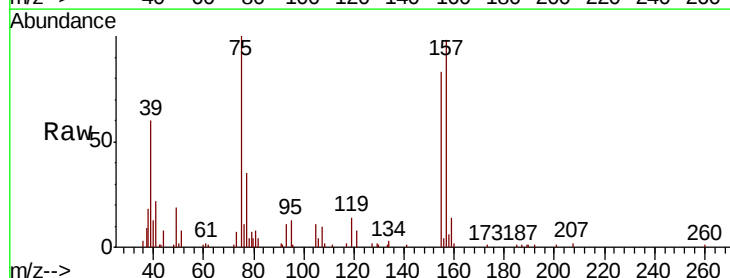
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.999 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.5	44.3	132.9
157	96.0	56.3	168.9





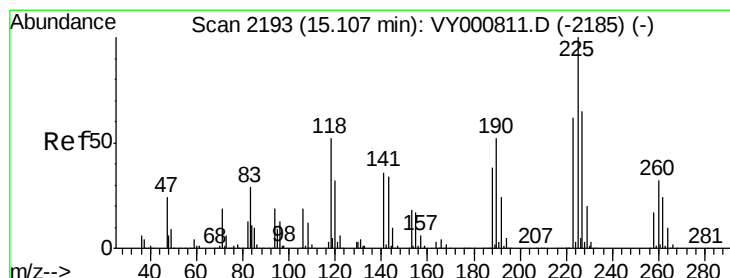
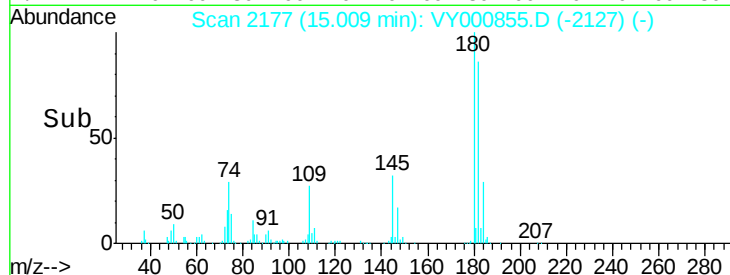
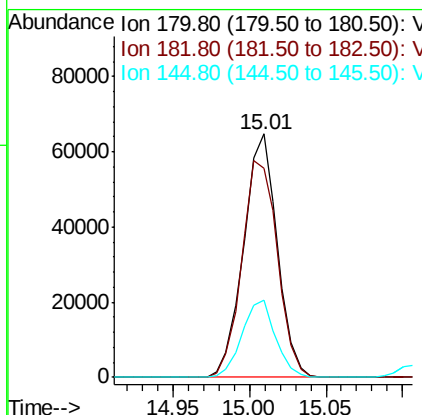
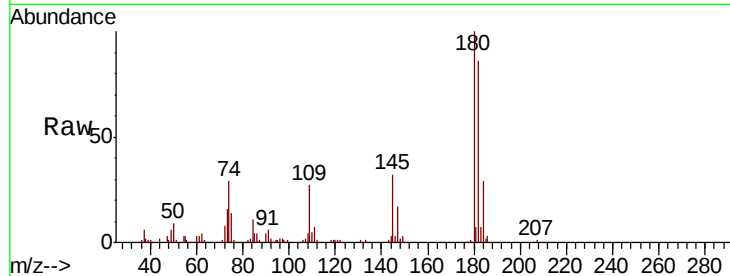
#93
 1,2,4-Trichlorobenzene
 Concen: 19.897 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	31.5	16.0	47.9

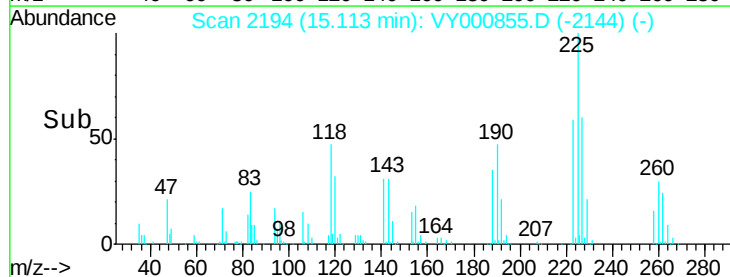
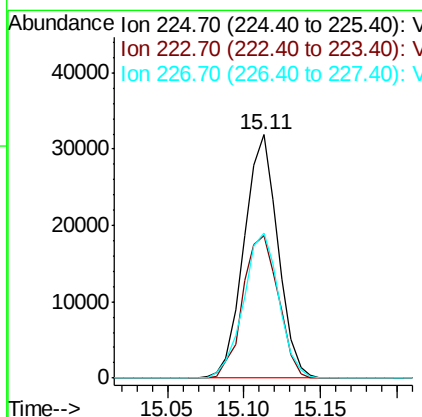
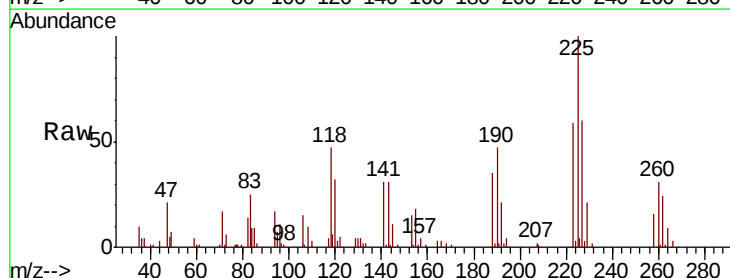
Manual Integrations
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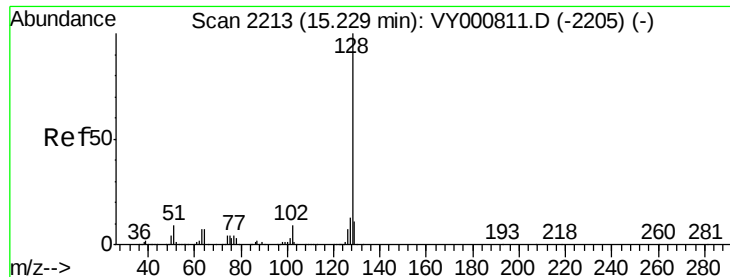
apatel
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#94
 Hexachlorobutadiene
 Concen: 19.903 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000855.D
 Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.4	94.3
227	62.1	31.8	95.3





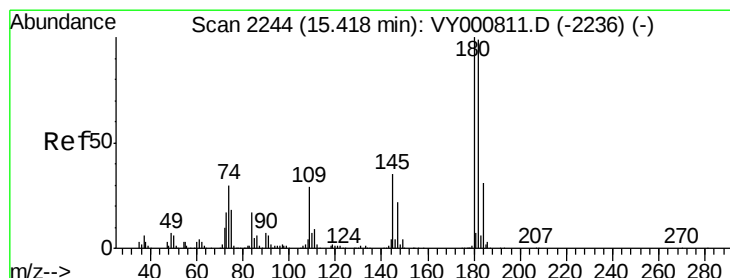
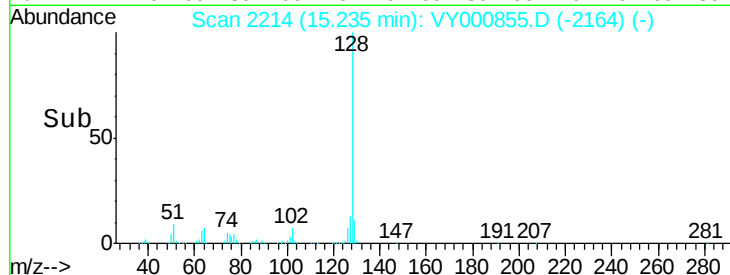
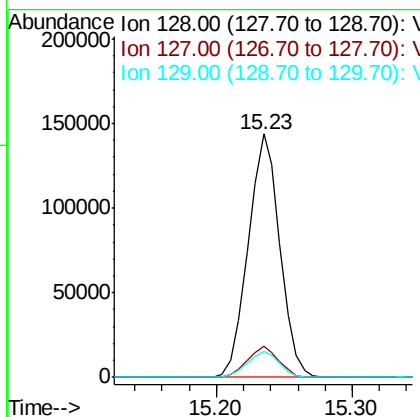
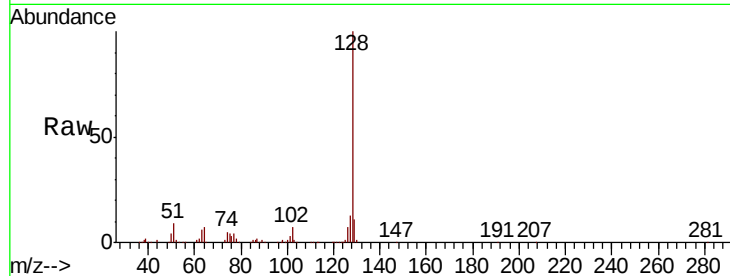
#95
Naphthalene
Concen: 20.238 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	233529		
127	12.7		10.1	15.1
129	11.0		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.973 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000855.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88661		
182	94.7		48.0	144.0
145	32.5		16.9	50.6

