

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000765.D
 Acq On : 21 Nov 2019 14:14
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:09 AM

Quant Time: Nov 22 03:52:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	338796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	594102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	169994	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.72	113	159952	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
50) Toluene-d8	10.18	98	674269	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.48	95	239223	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	60130	18.030	ug/l	97
3) Chloromethane	2.12	50	81166	17.667	ug/l	93
4) Vinyl Chloride	2.25	62	78616	18.427	ug/l	97
5) Bromomethane	2.64	94	49868	19.492	ug/l	95
6) Chloroethane	2.79	64	52432	19.636	ug/l	96
7) Trichlorofluoromethane	3.13	101	119452	20.732	ug/l	96
8) Diethyl Ether	3.53	74	44983	21.972	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	75120	21.566	ug/l	94
10) Methyl Iodide	4.09	142	84684	20.488	ug/l	96
11) Tert butyl alcohol	4.97	59	33281	97.513	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	73266	21.649	ug/l	93
13) Acrolein	3.74	56	24460	82.277	ug/l	96
14) Allyl chloride	4.48	41	127328	23.138	ug/l	93
15) Acrylonitrile	5.17	53	119199	113.659	ug/l	99
16) Acetone	3.96	43	83577	86.490	ug/l	96
17) Carbon Disulfide	4.19	76	219921	20.604	ug/l	98
18) Methyl Acetate	4.48	43	64665	21.522	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	205413	21.831	ug/l	98
20) Methylene Chloride	4.72	84	90534	21.865	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	83723	21.883	ug/l	94
22) Diisopropyl ether	6.13	45	266408	22.273	ug/l	95
23) Vinyl Acetate	6.07	43	820527	108.675	ug/l	96
24) 1,1-Dichloroethane	6.03	63	145537	22.461	ug/l	98
25) 2-Butanone	7.00	43	149613	97.014	ug/l	97
26) 2,2-Dichloropropane	6.99	77	124426	21.012	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	92113	22.018	ug/l	99
28) Bromochloromethane	7.35	49	36331	15.380	ug/l	93
29) Tetrahydrofuran	7.36	42	102143	108.265	ug/l	97
30) Chloroform	7.52	83	146505	22.350	ug/l	98
31) Cyclohexane	7.79	56	146009	21.514	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	120414	20.612	ug/l	98
36) 1,1-Dichloropropene	7.93	75	113389	20.189	ug/l	100
37) Ethyl Acetate	7.08	43	66302	19.884	ug/l	95
38) Carbon Tetrachloride	7.91	117	103301	19.115	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	148018	20.400	ug/l	98
40) Benzene	8.17	78	342461	20.798	ug/l	100
41) Methacrylonitrile	7.32	41	37053m	19.919	ug/l	
42) 1,2-Dichloroethane	8.25	62	90951	19.475	ug/l	97
43) Isopropyl Acetate	8.28	43	124476	19.872	ug/l	97
44) Trichloroethene	8.94	130	91234	21.015	ug/l	92
45) 1,2-Dichloropropane	9.22	63	87892	21.688	ug/l	94
46) Dibromomethane	9.31	93	44312	19.882	ug/l	99
47) Bromodichloromethane	9.50	83	106356	20.111	ug/l	96
48) Methyl methacrylate	9.30	41	53989	19.727	ug/l	95
49) 1,4-Dioxane	9.30	88	11573	385.823	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	329446	98.924	ug/l	94
52) Toluene	10.24	92	208580	20.036	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	115648	20.466	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	134976	20.851	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	66997	20.783	ug/l	96
56) Ethyl methacrylate	10.51	69	98026	21.455	ug/l	91
57) 1,3-Dichloropropane	10.79	76	116990	20.735	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	220733	106.863	ug/l	98
59) 2-Hexanone	10.83	43	226333	93.278	ug/l	96
60) Dibromochloromethane	10.98	129	70872	19.194	ug/l	100
61) 1,2-Dibromoethane	11.09	107	64504	20.811	ug/l	100
64) Tetrachloroethene	10.72	164	92004	20.910	ug/l	97
65) Chlorobenzene	11.52	112	221407	20.522	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	74759	19.980	ug/l	98
67) Ethyl Benzene	11.59	91	413309	20.816	ug/l	100
68) m/p-Xylenes	11.70	106	310334	40.382	ug/l	97
69) o-Xylene	12.03	106	146806	20.326	ug/l	97
70) Styrene	12.04	104	249666	20.187	ug/l	99
71) Bromoform	12.20	173	40653	18.890	ug/l #	97
73) Isopropylbenzene	12.33	105	398246	21.526	ug/l	100
74) N-amyl acetate	12.14	43	105411	19.894	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	75668	20.656	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	53412m	18.739	ug/l	
77) Bromobenzene	12.60	156	88921	21.195	ug/l	96
78) n-propylbenzene	12.67	91	491267	22.008	ug/l	99
79) 2-Chlorotoluene	12.75	91	265810	21.449	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	330437	21.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28032	22.051	ug/l	97
82) 4-Chlorotoluene	12.85	91	275452	21.443	ug/l	98
83) tert-Butylbenzene	13.07	119	276761	21.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	347466	22.649	ug/l	98
85) sec-Butylbenzene	13.25	105	409486	21.846	ug/l	99
86) p-Isopropyltoluene	13.36	119	350793	20.999	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	168758	20.536	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	173256	21.099	ug/l	99
89) n-Butylbenzene	13.69	91	359941	21.846	ug/l	100
90) Hexachloroethane	13.95	117	63232	20.474	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	156281	20.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13174	20.321	ug/l	96

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ClientSampleId :
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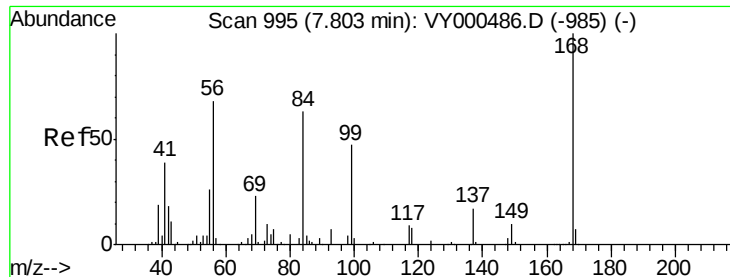
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106206	20.920	ug/l	99
94) Hexachlorobutadiene	15.11	225	54153	20.693	ug/l	98
95) Naphthalene	15.23	128	250399	22.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	95153	20.892	ug/l	100

(#) = 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: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBSD01

Tot Ion:168 Resp: 338796

Ion Ratio Lower Upper

168 100

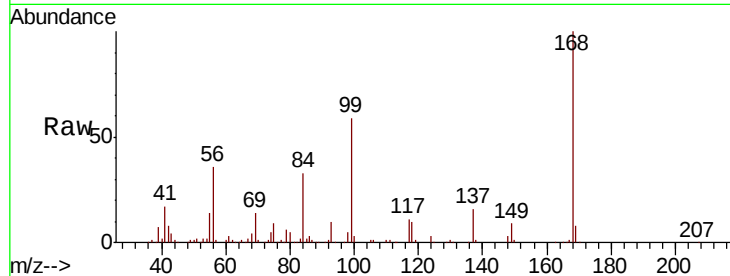
99 58.9 45.7 68.5

Manual Integrations

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

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

7.80

150000

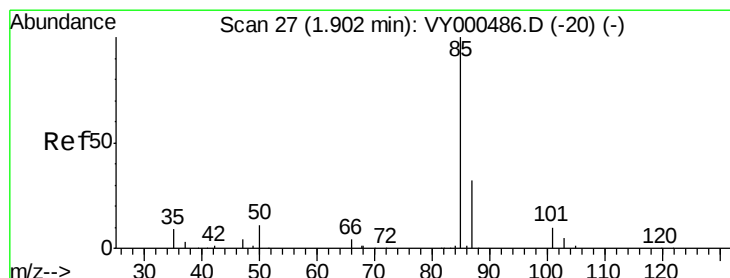
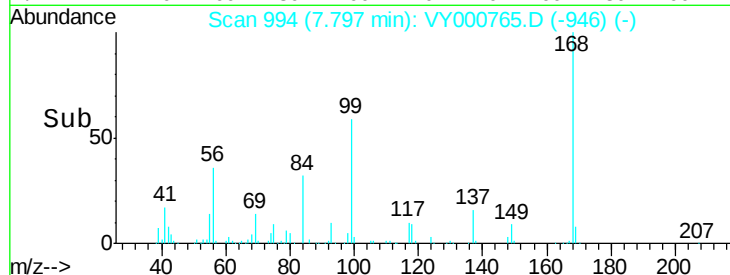
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.030 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000765.D

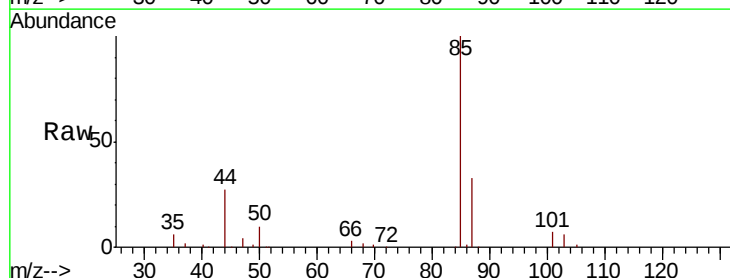
Acq: 21 Nov 2019 14:14

Tgt Ion: 85 Resp: 60130

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



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

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

1.90

40000

30000

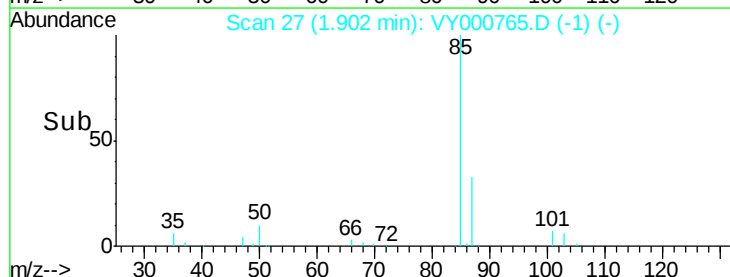
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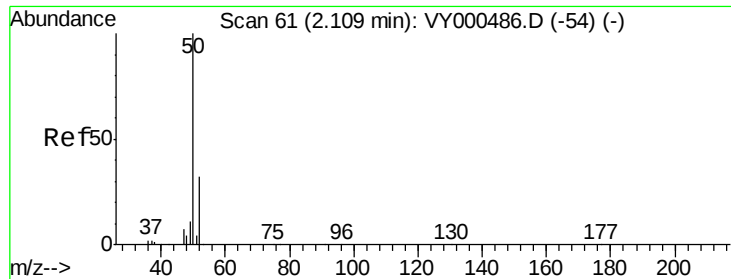
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.667 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 50 Resp: 81166

Ion Ratio Lower Upper

50 100

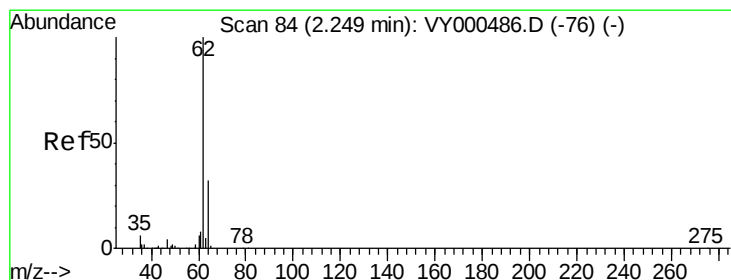
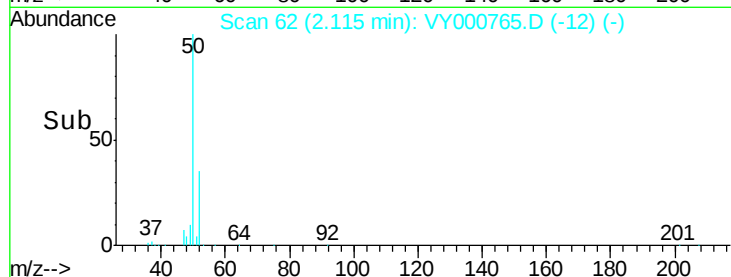
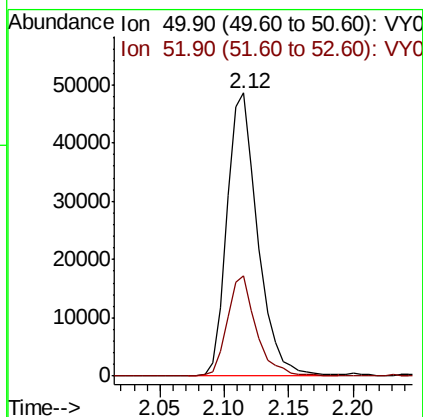
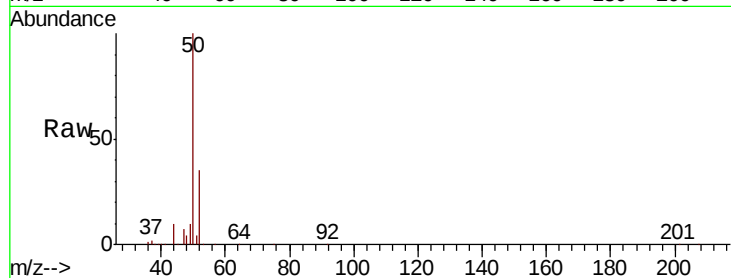
52 35.4 25.2 37.8

Manual Integrations

APPROVED

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11/23/2019 6:11:09 AM



#4

Vinyl Chloride

Concen: 18.427 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000765.D

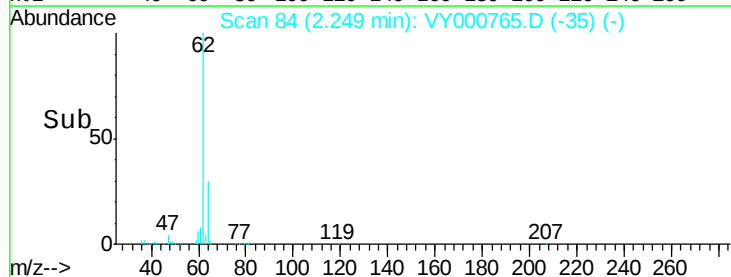
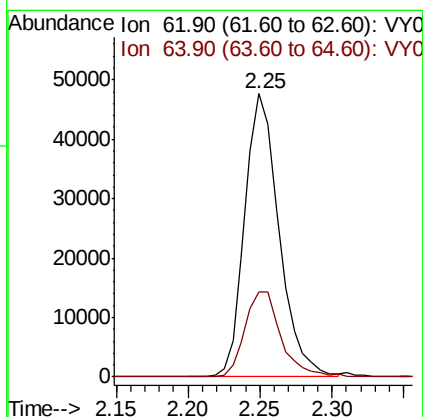
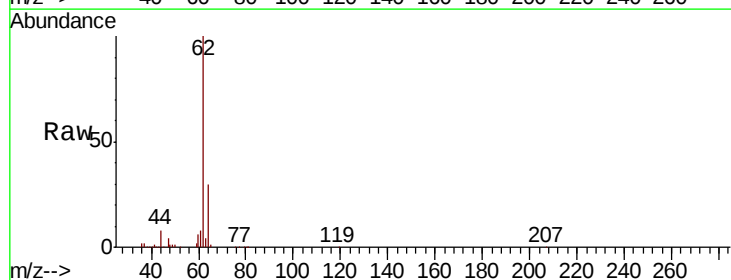
Acq: 21 Nov 2019 14:14

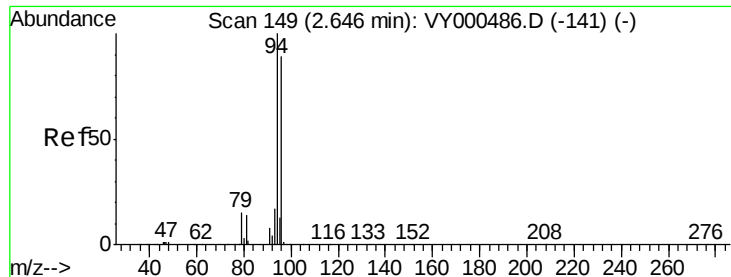
Tgt Ion: 62 Resp: 78616

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 19.492 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 94 Resp: 49868

Ion Ratio Lower Upper

94 100

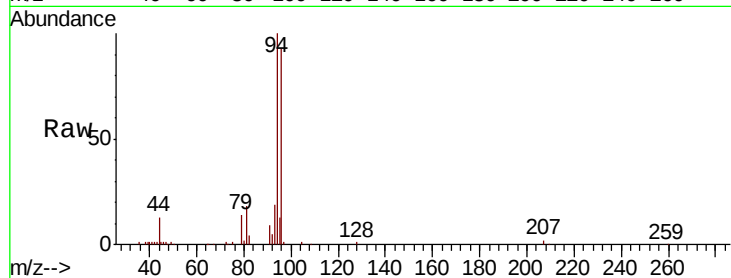
96 93.5 71.2 106.8

Manual Integrations

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11/23/2019 6:11:09 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

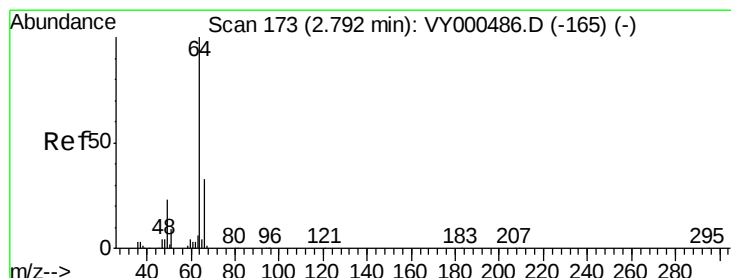
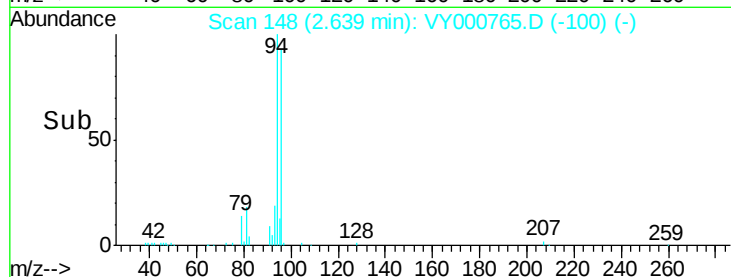
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5000

0

2.55 2.60 2.65 2.70 2.75

Time-->



#6

Chloroethane

Concen: 19.636 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000765.D

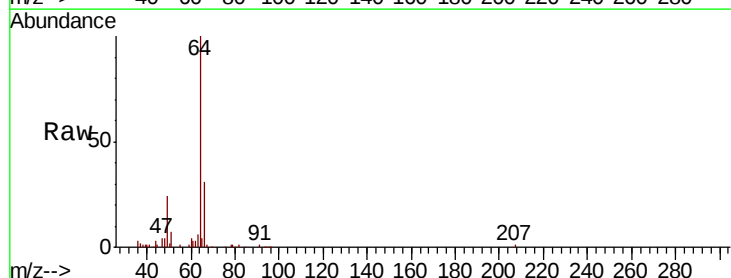
Acq: 21 Nov 2019 14:14

Tgt Ion: 64 Resp: 52432

Ion Ratio Lower Upper

64 100

66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

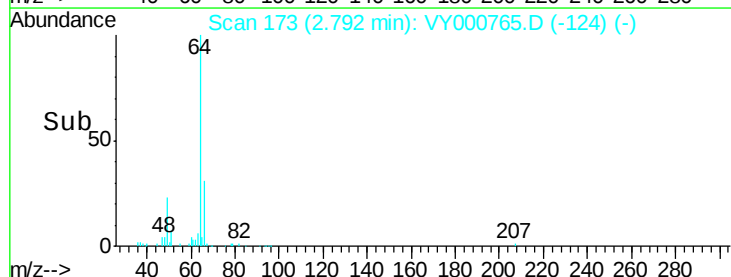
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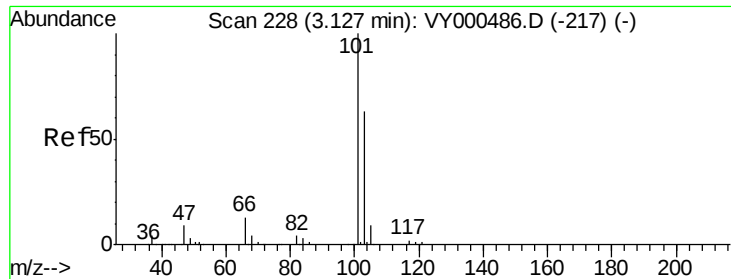
5000

0

2.70 2.80 2.90

Time-->





#7

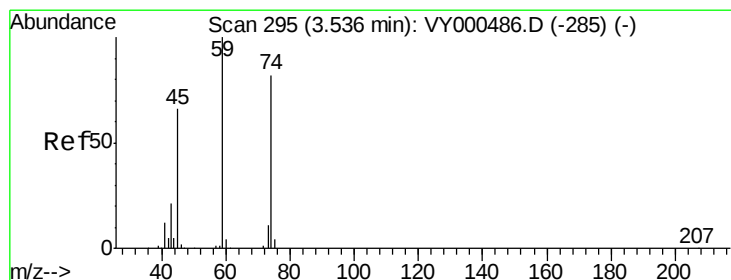
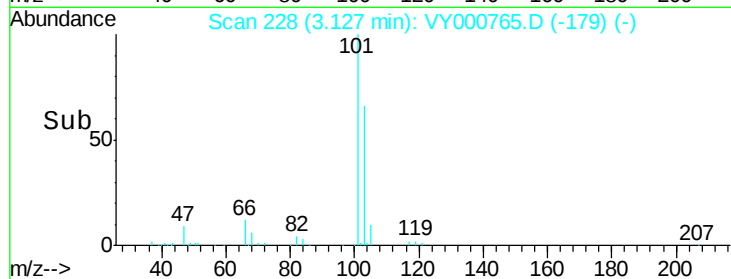
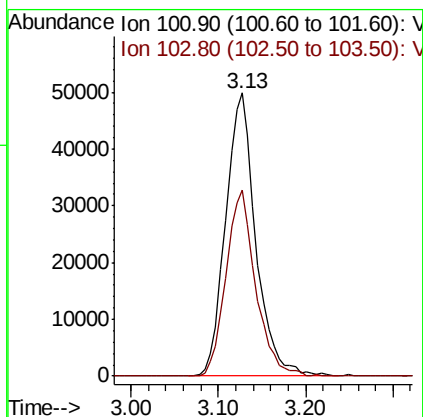
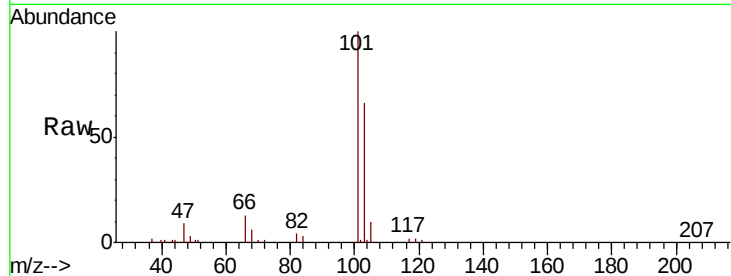
Trichlorofluoromethane
 Concen: 20.732 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
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 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.5	75.7

Manual Integrations
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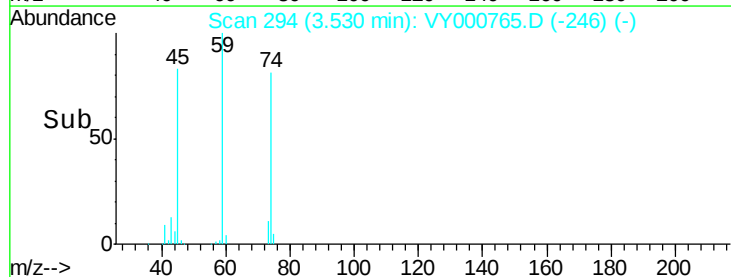
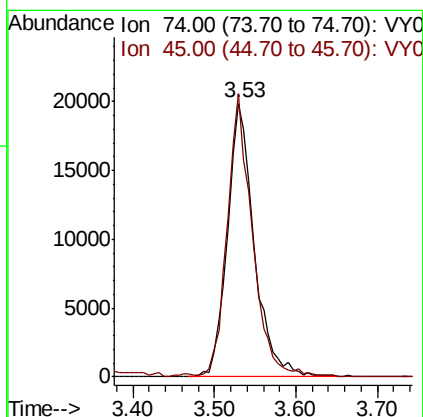
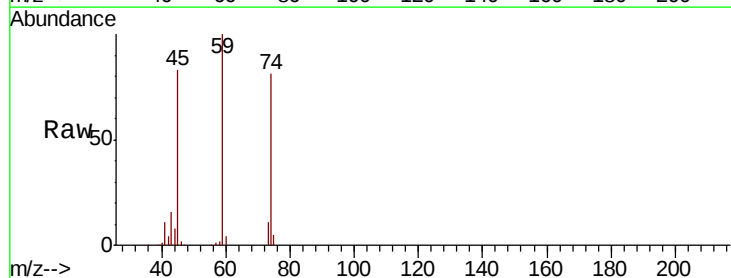
MMDadoda
 11/23/2019 6:11:09 AM

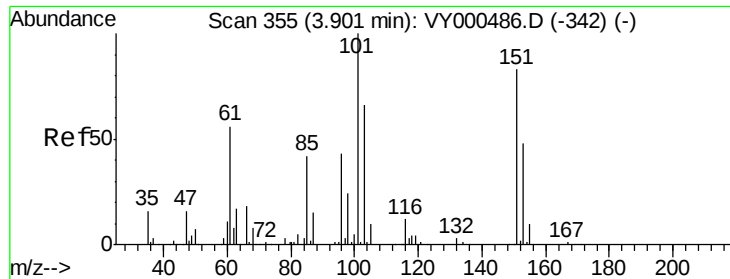


#8

Diethyl Ether
 Concen: 21.972 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.566 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

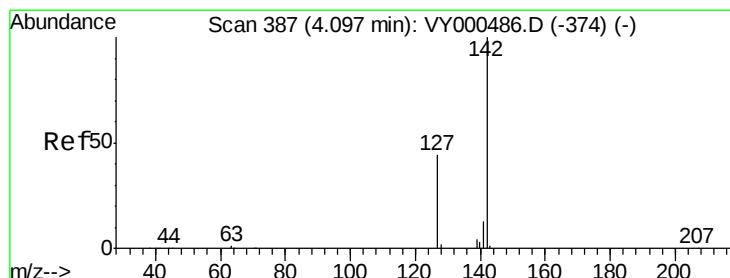
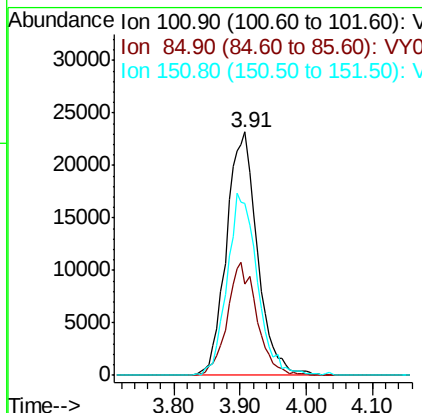
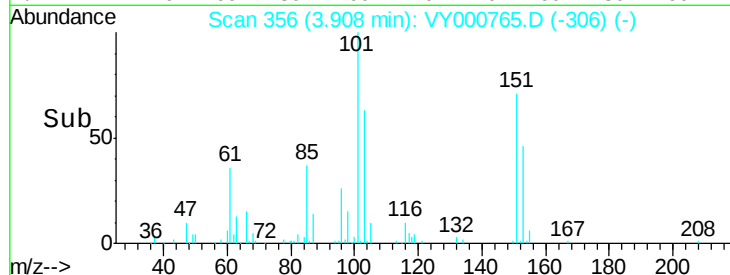
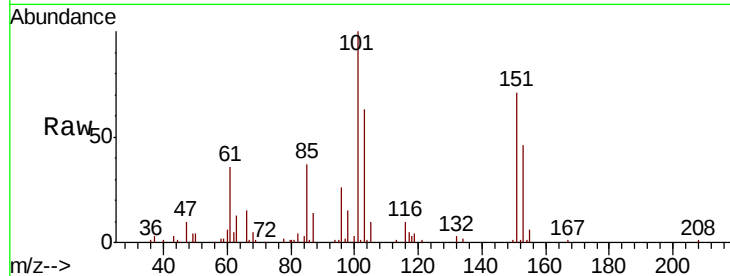
ClientSampleId :

VY1121SBS01

Tot Ion:	101	Resp:	75120
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.7	55.1
151	72.9	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 20.488 ug/l

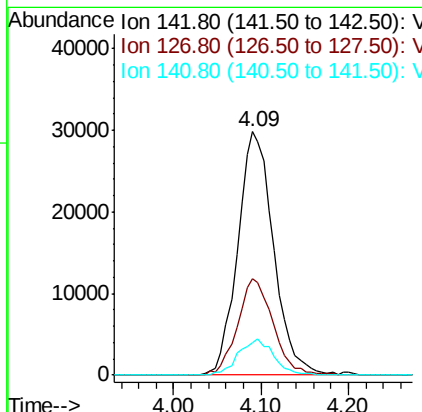
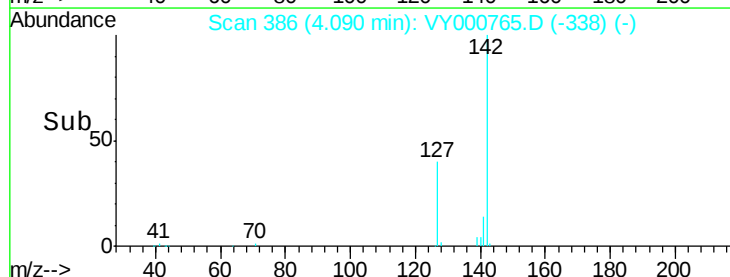
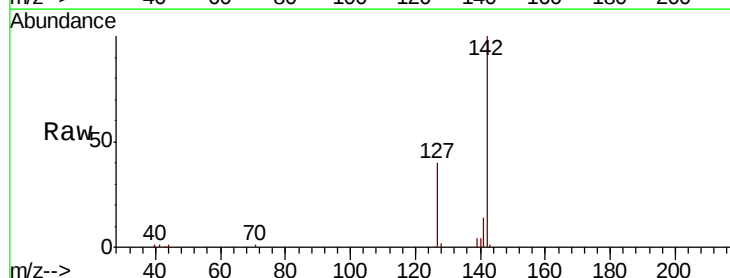
RT: 4.09 min Scan# 386

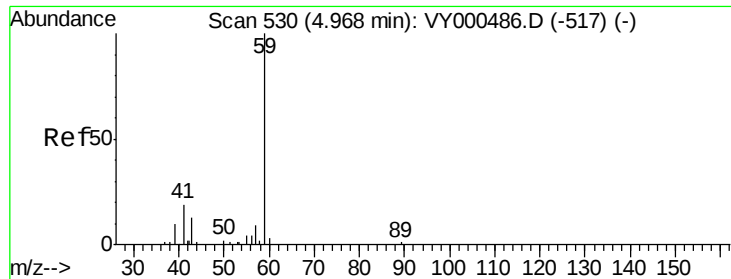
Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion:	142	Resp:	84684
Ion Ratio	Lower	Upper	
142	100		
127	39.4	33.7	50.5
141	14.5	10.9	16.3





#11

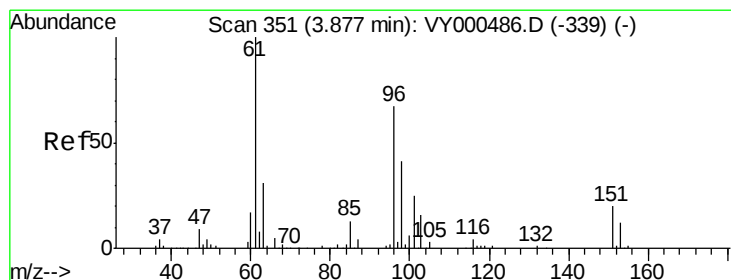
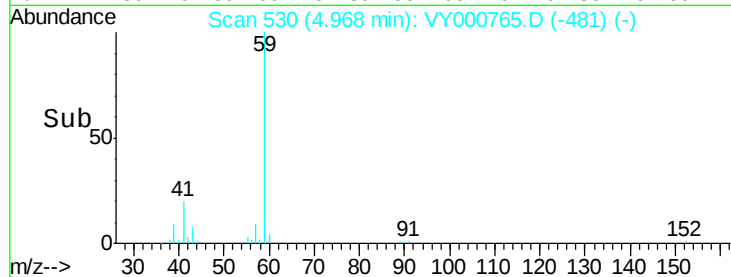
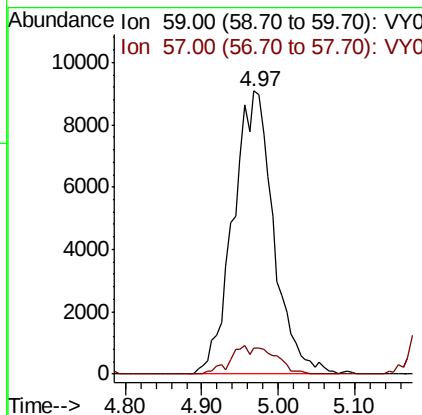
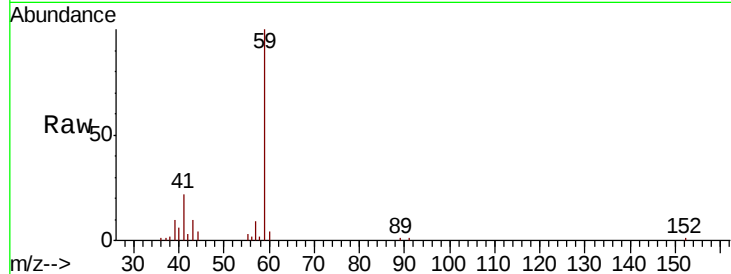
Tert butyl alcohol
 Concen: 97.513 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.0	8.6	12.8#

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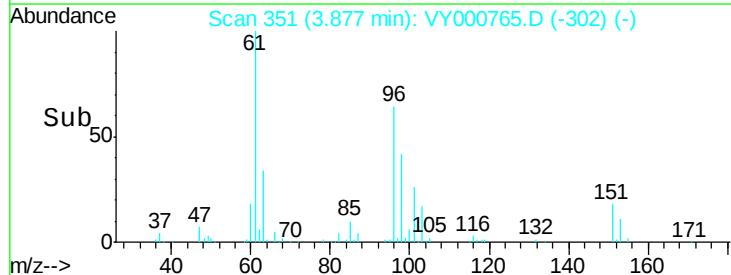
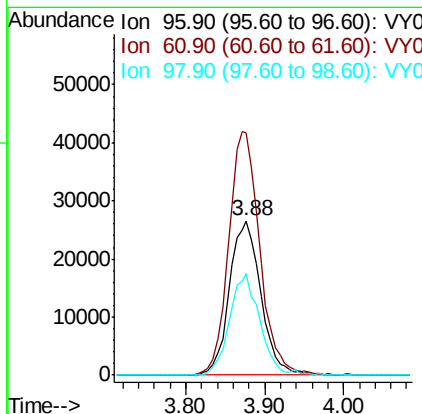
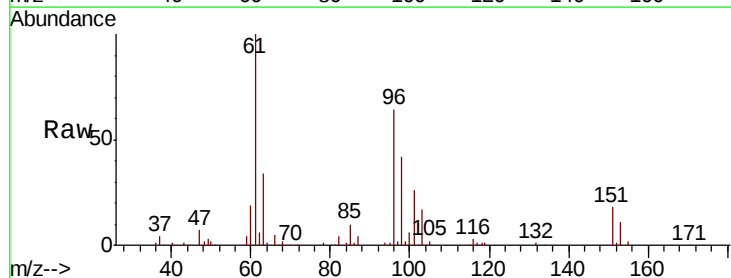
MMDadoda
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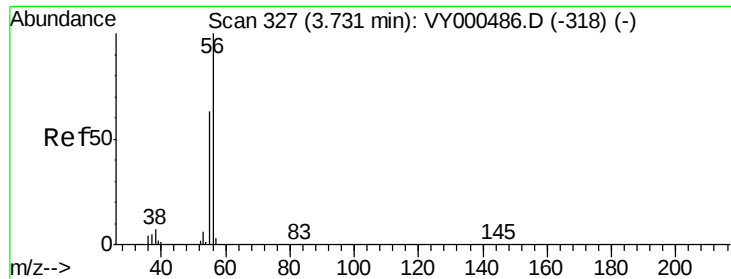


#12

1,1-Dichloroethene
 Concen: 21.649 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	119.2	178.8
98	65.7	48.6	73.0





#13

Acrolein

Concen: 82.277 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 56 Resp: 24460

Ion Ratio Lower Upper

56 100

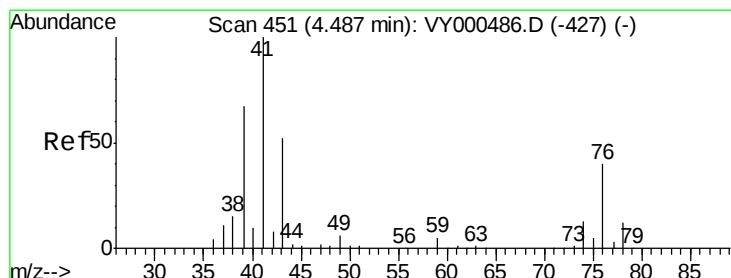
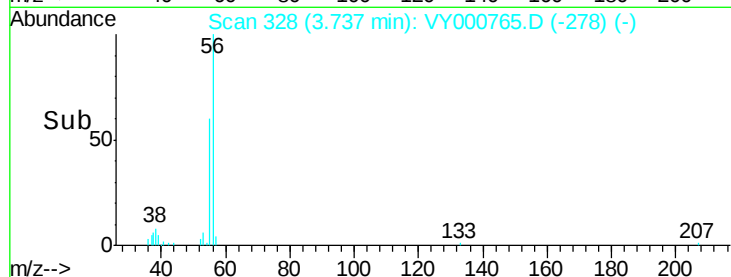
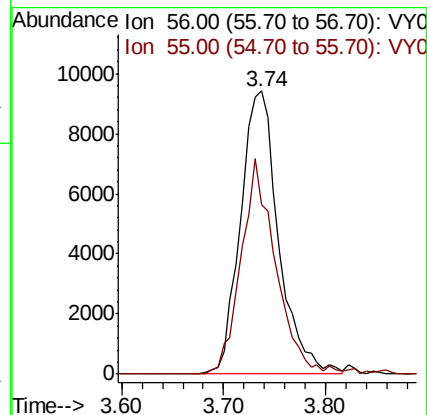
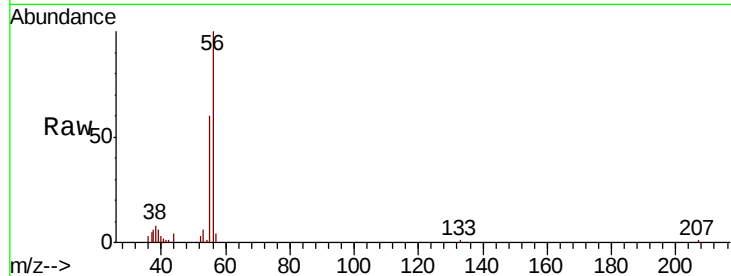
55 68.2 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 23.138 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

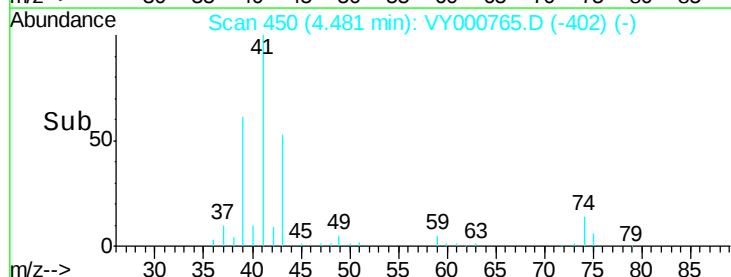
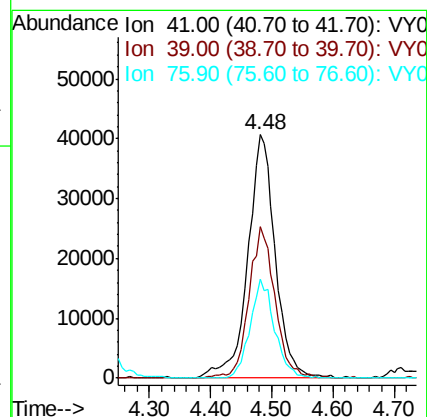
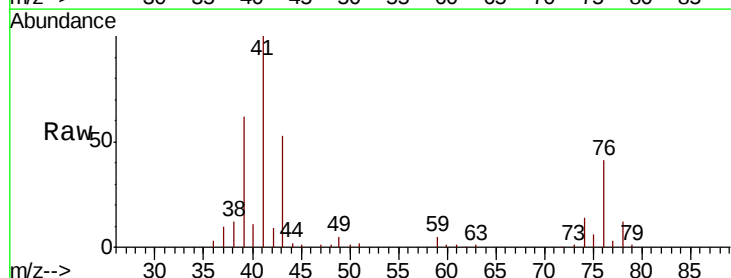
Tgt Ion: 41 Resp: 127328

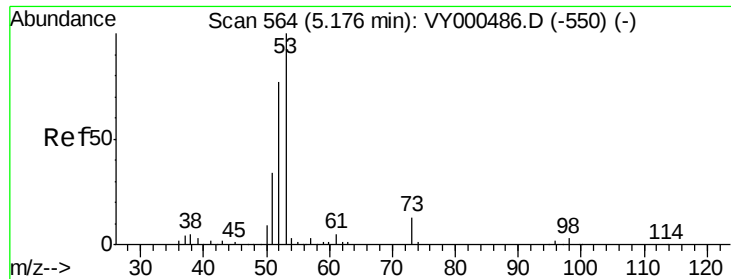
Ion Ratio Lower Upper

41 100

39 59.1 53.6 80.4

76 36.2 29.8 44.6





#15

Acrylonitrile

Concen: 113.659 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

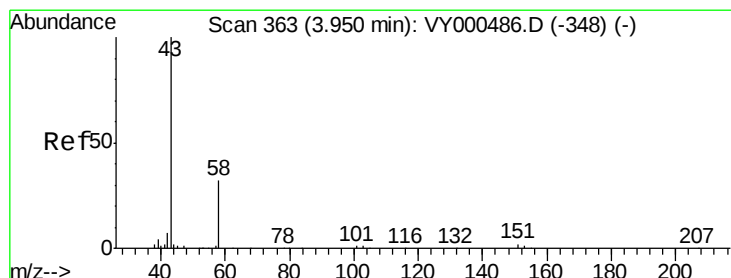
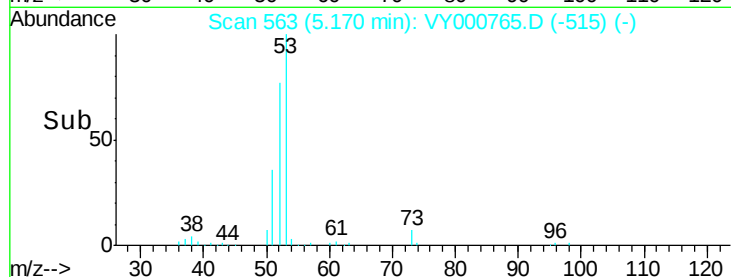
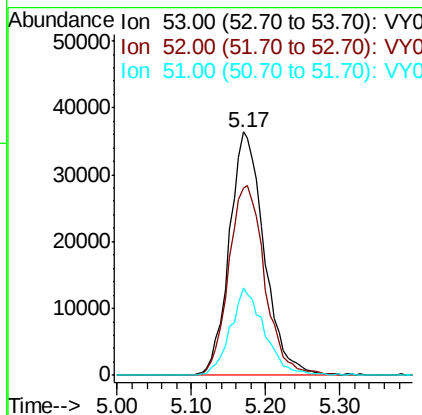
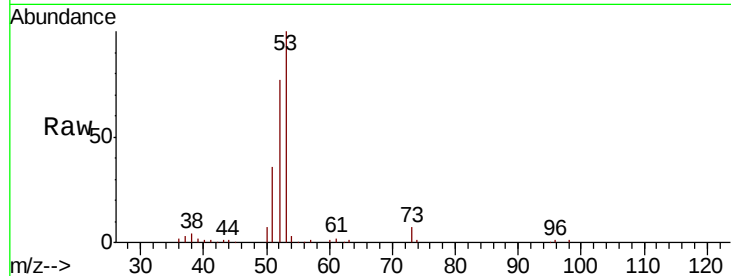
ClientSampleId :

VY1121SBS01

Tot Ion:	53	Resp:	119199
Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.9	97.3
51	35.2	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 86.490 ug/l

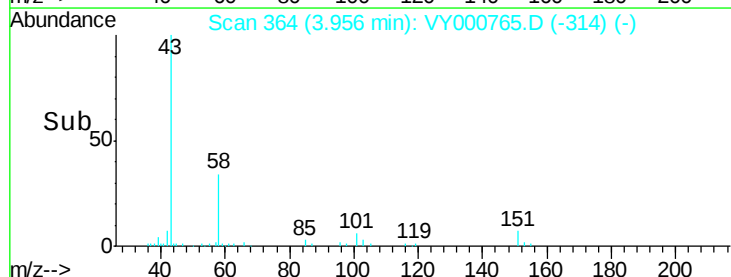
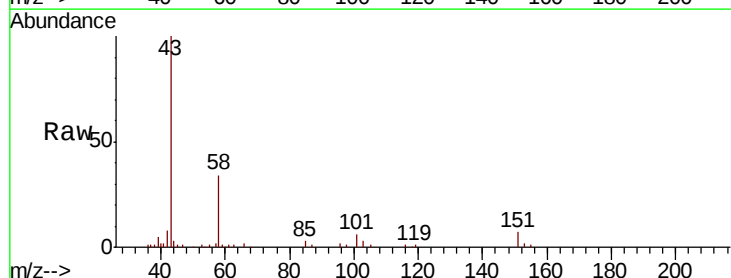
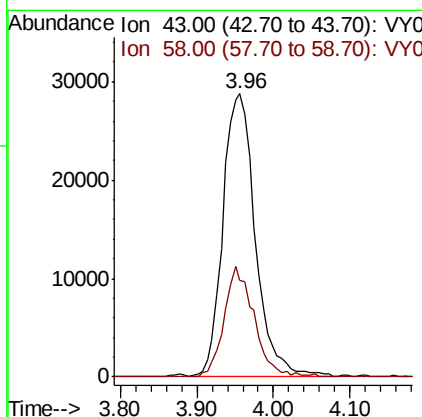
RT: 3.96 min Scan# 364

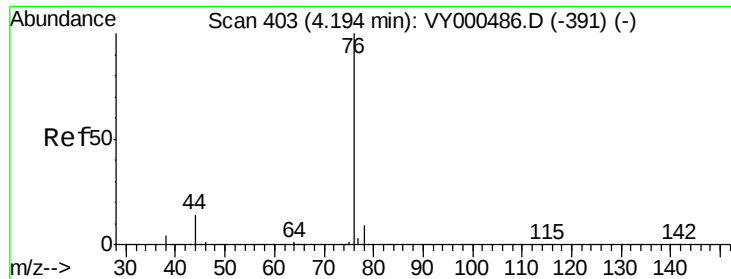
Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion:	43	Resp:	83577
Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.8	38.6





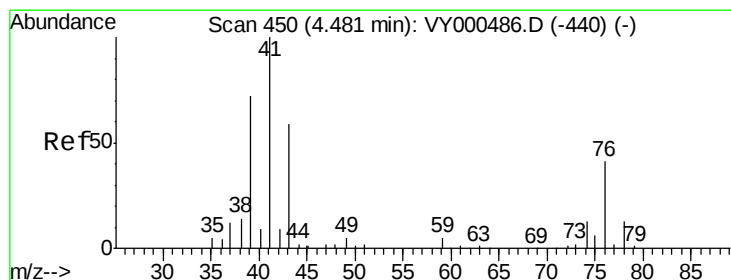
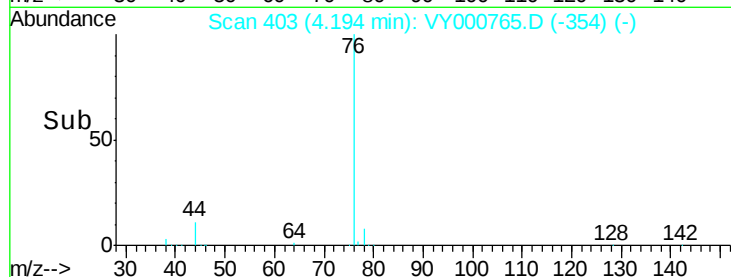
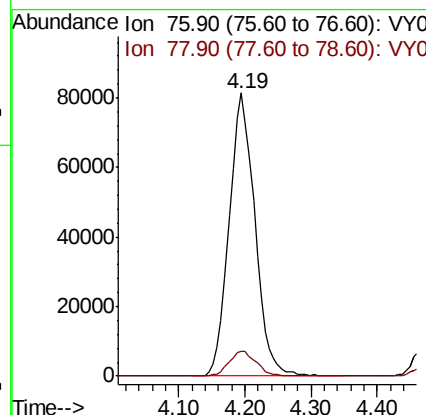
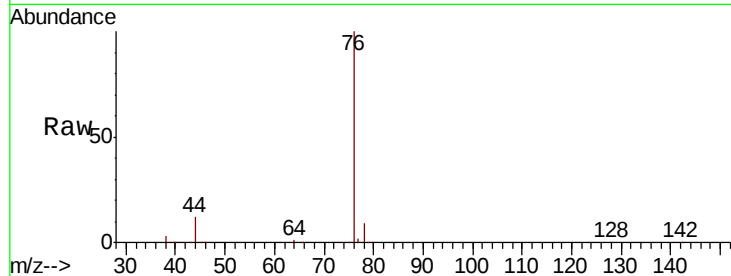
#17
Carbon Disulfide
Concen: 20.604 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

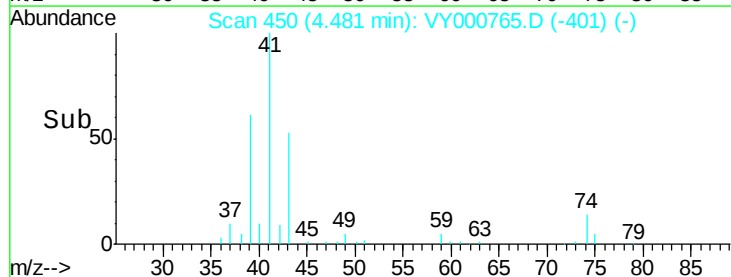
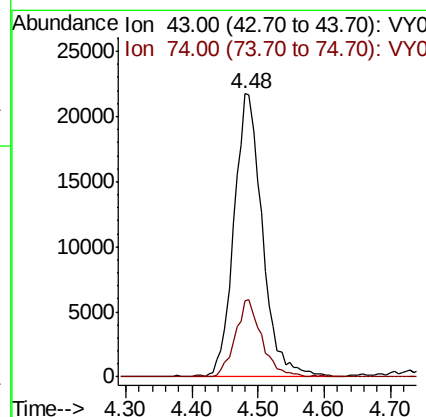
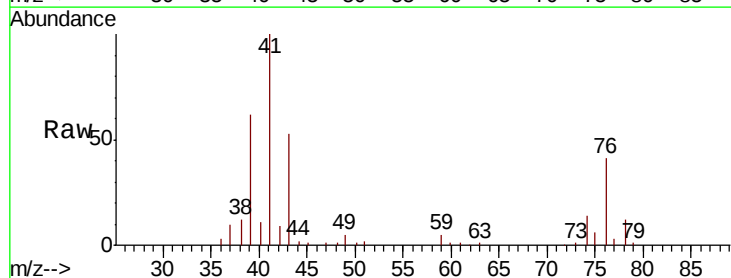
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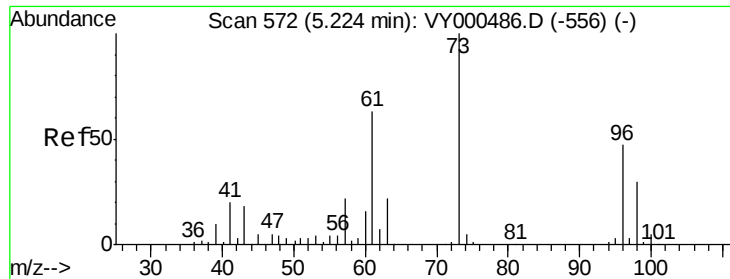
MMDadoda
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#18
Methyl Acetate
Concen: 21.522 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	19.2	28.8





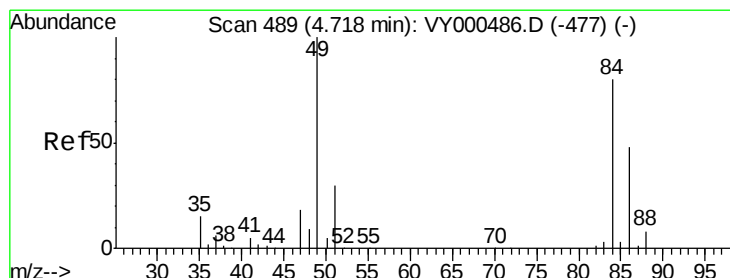
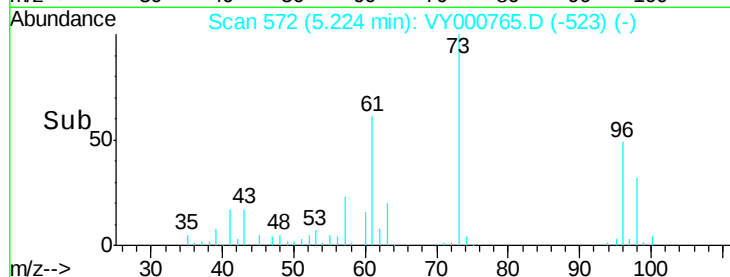
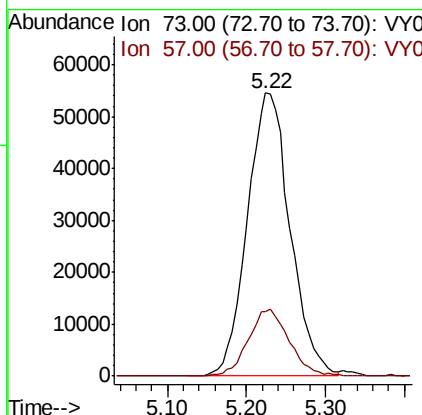
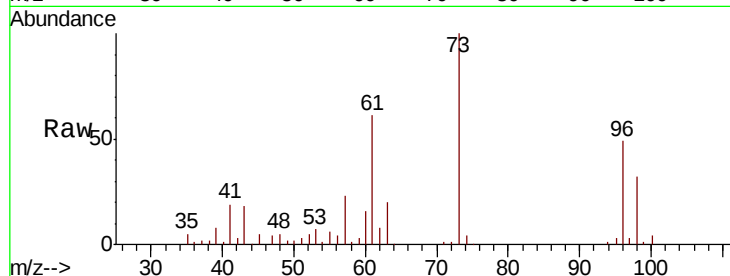
#19
Methvl tert-butvl Ether
Concen: 21.831 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 73 Resp: 205413
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0

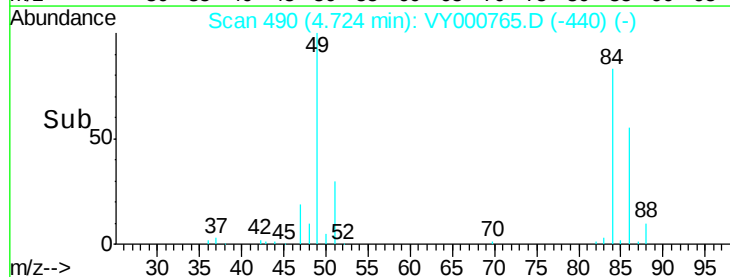
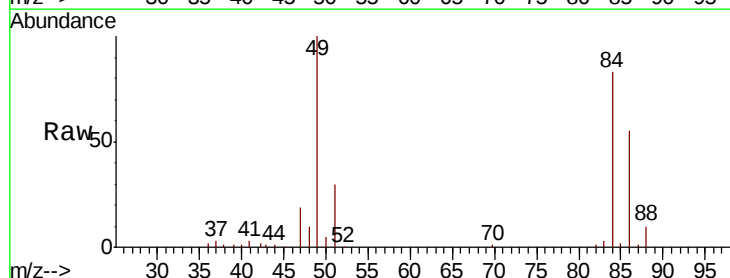
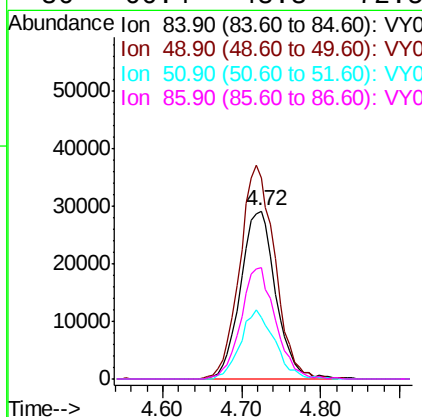
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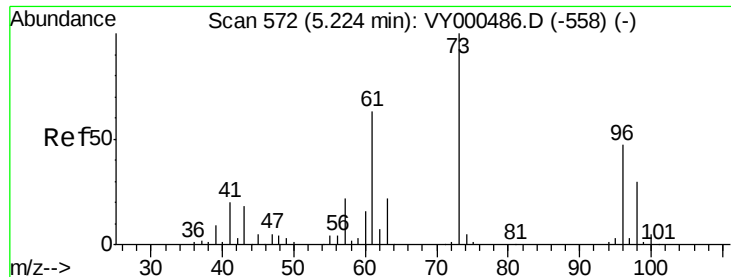
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#20
Methylene Chloride
Concen: 21.865 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 84 Resp: 90534
Ion Ratio Lower Upper
84 100
49 120.0 100.2 150.4
51 36.6 29.6 44.4
86 66.4 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.883 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 96 Resp: 83723

Ion Ratio Lower Upper

96 100

61 124.9 106.6 160.0

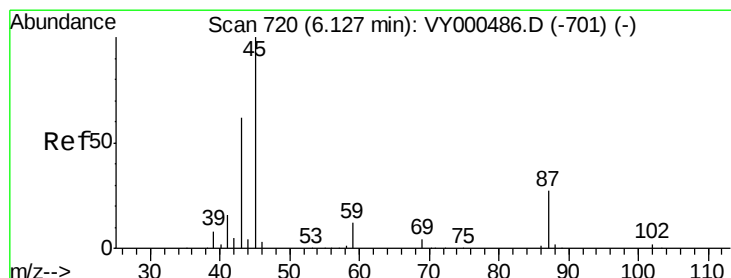
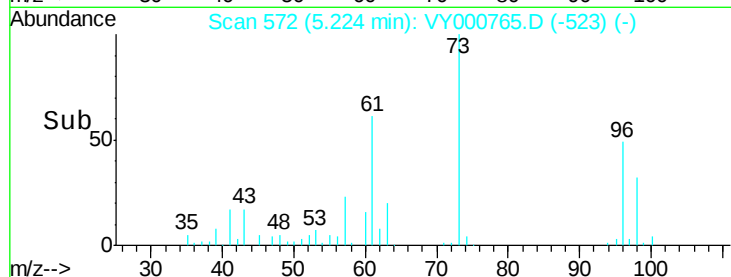
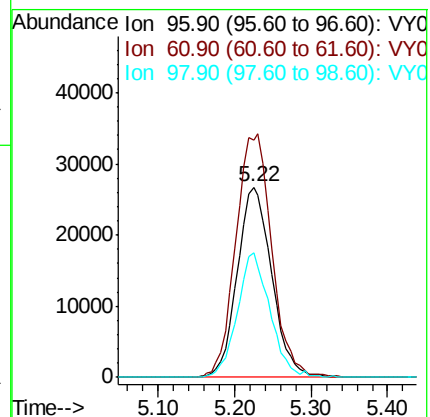
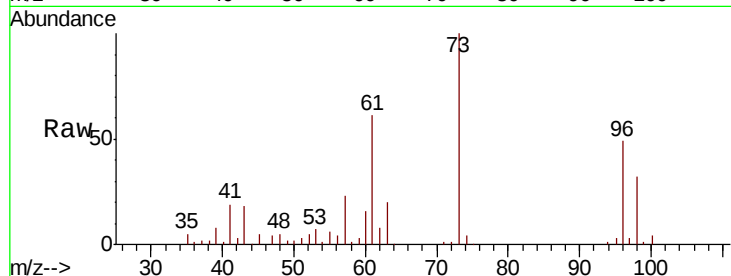
98 65.2 50.6 76.0

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#22

Diisopropyl ether

Concen: 22.273 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion: 45 Resp: 266408

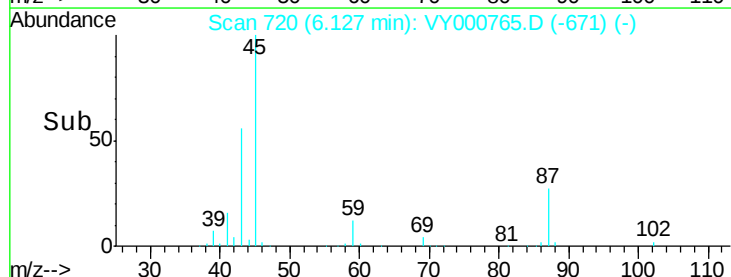
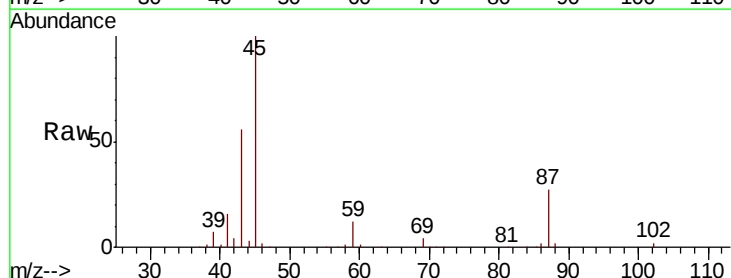
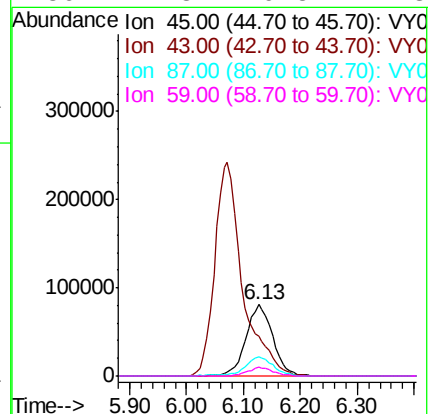
Ion Ratio Lower Upper

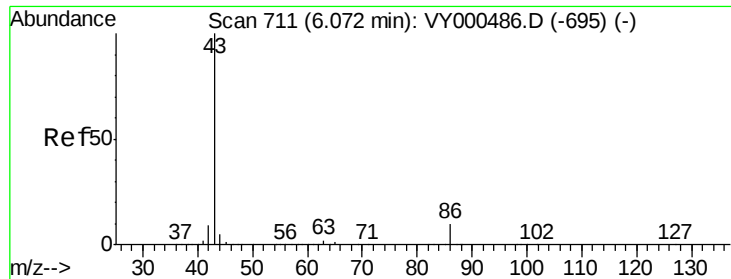
45 100

43 55.9 50.0 75.0

87 27.2 21.6 32.4

59 11.8 9.5 14.3





#23

Vinyl Acetate

Concen: 108.675 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 43 Resp: 820527

Ion Ratio Lower Upper

43 100

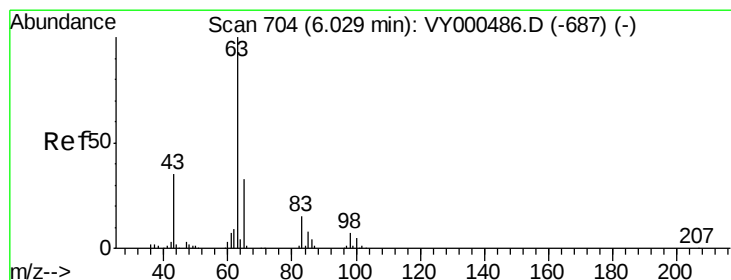
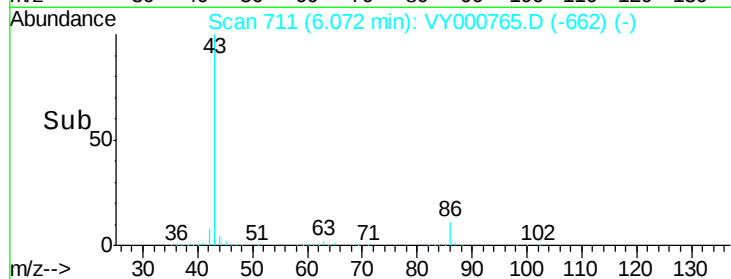
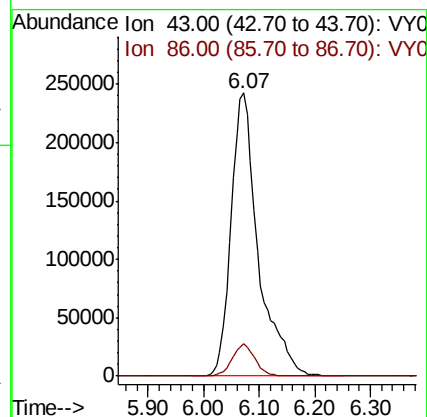
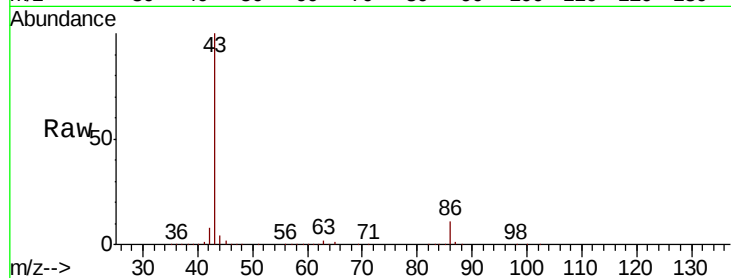
86 11.3 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 22.461 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

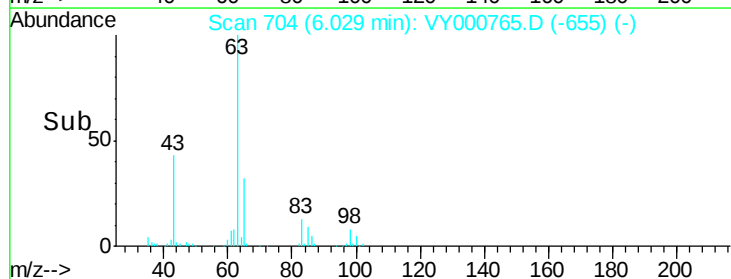
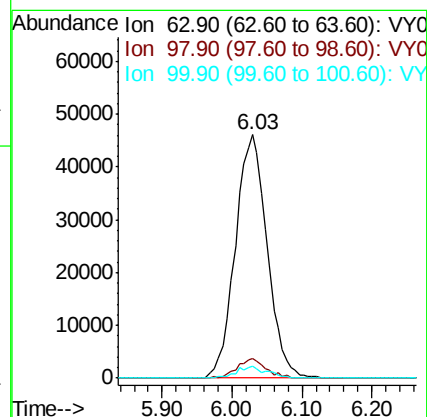
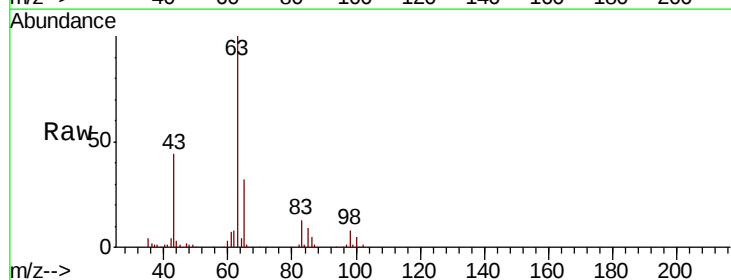
Tgt Ion: 63 Resp: 145537

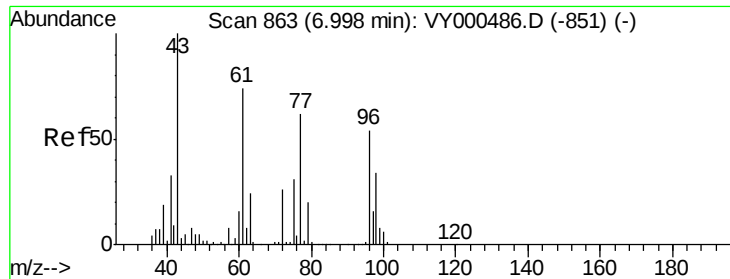
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.6

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 97.014 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 43 Resp: 149613

Ion Ratio Lower Upper

43 100

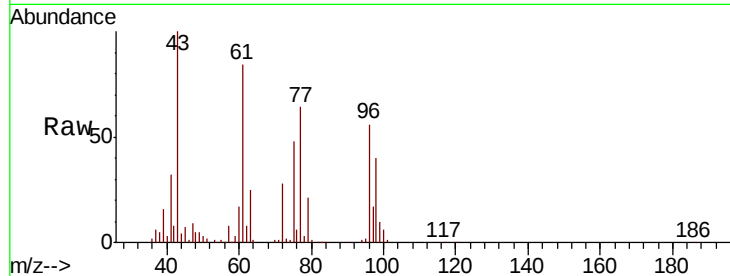
72 27.7 20.9 31.3

Manual Integrations

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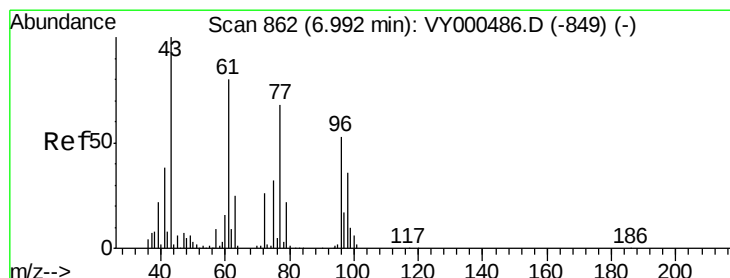
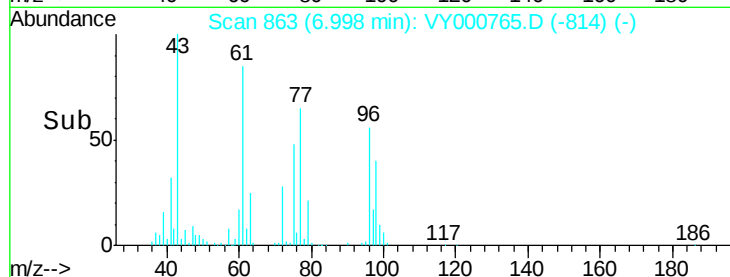
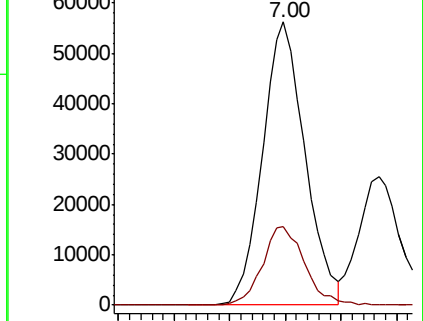
MMDadoda

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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: 21.012 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000765.D

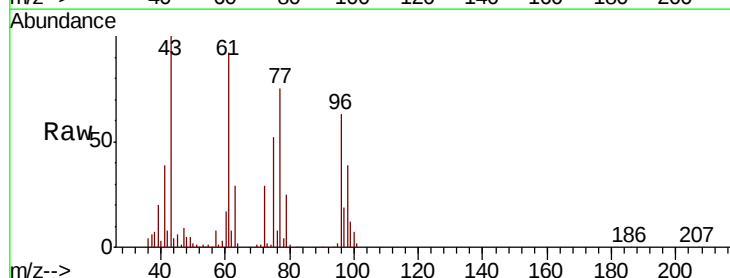
Acq: 21 Nov 2019 14:14

Tgt Ion: 77 Resp: 124426

Ion Ratio Lower Upper

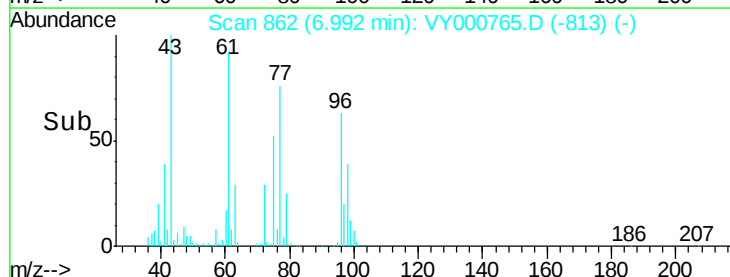
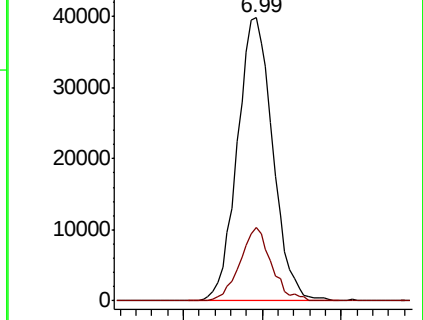
77 100

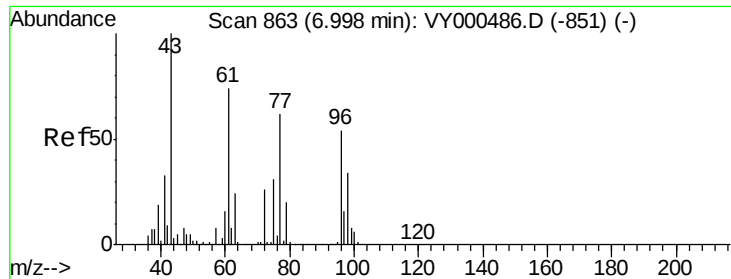
97 23.0 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

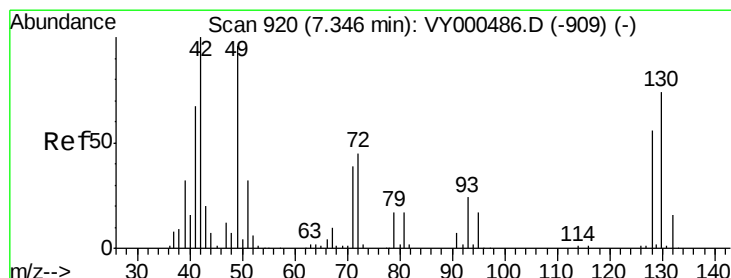
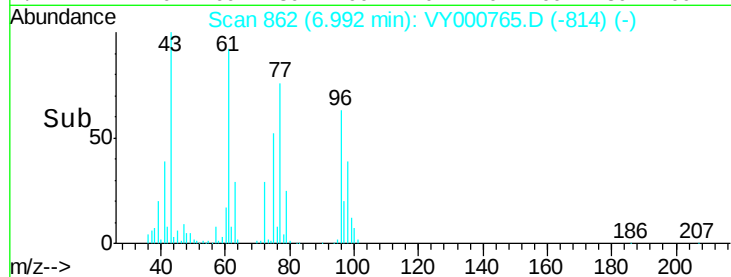
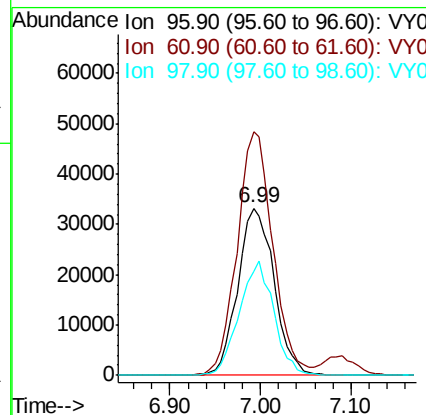
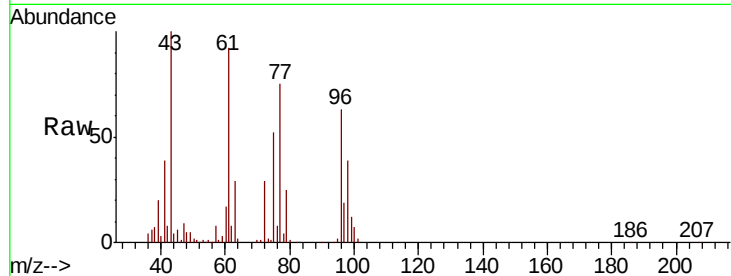
cis-1,2-Dichloroethene
Concen: 22.018 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	287.0
98	65.1	0.0	129.4

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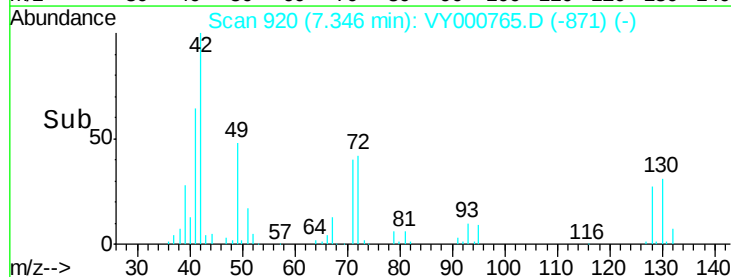
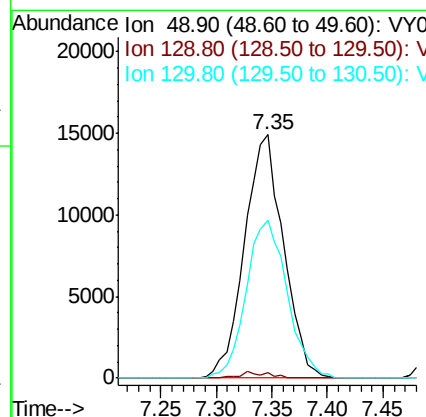
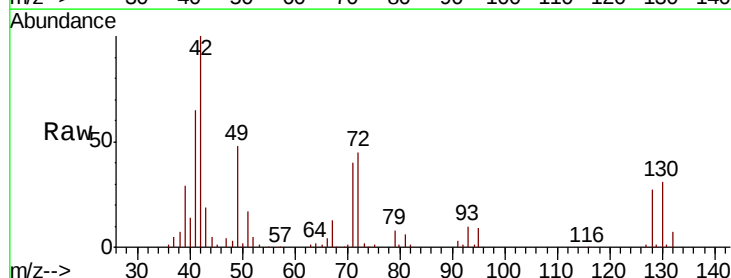
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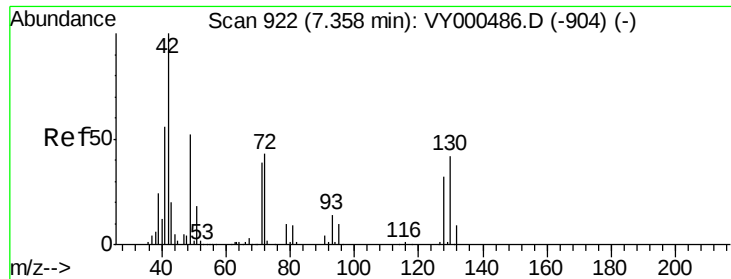


#28

Bromochloromethane
Concen: 15.380 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	68.1	59.4	89.0





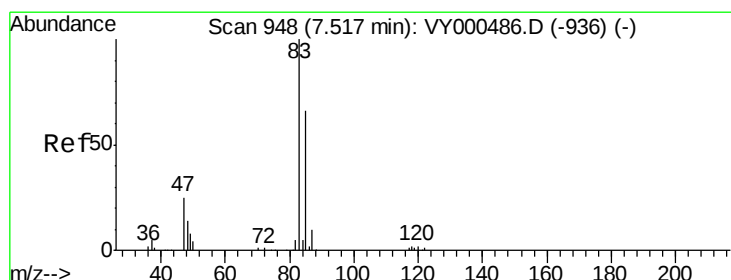
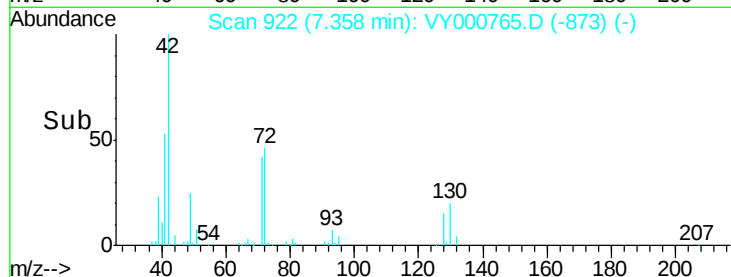
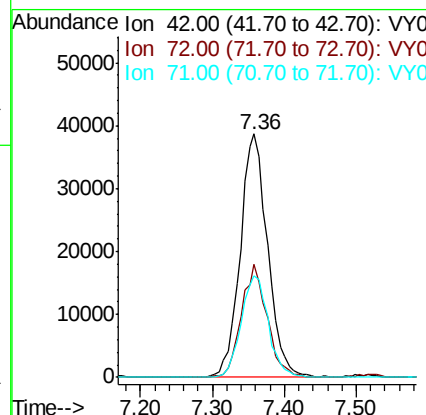
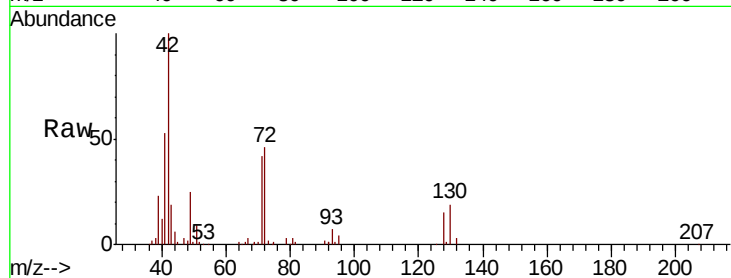
#29
Tetrahydrofuran
Concen: 108.265 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.0	51.0
71	41.0	30.8	46.2

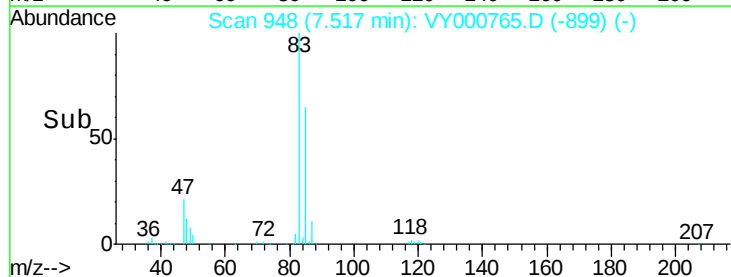
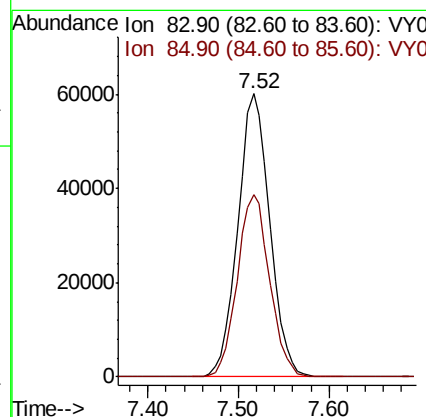
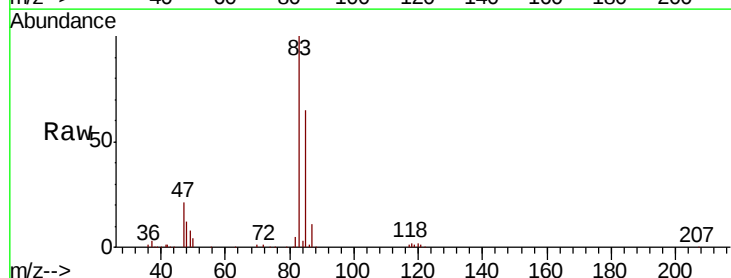
Manual Integrations
APPROVED

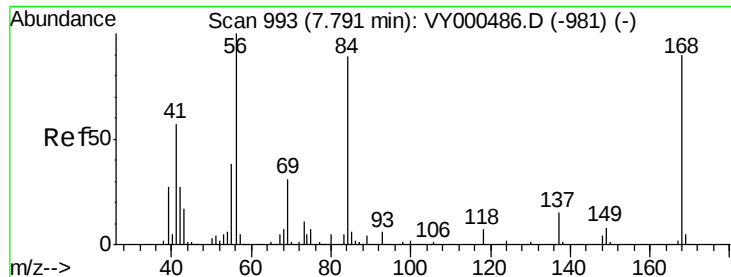
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#30
Chloroform
Concen: 22.350 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.0	79.4





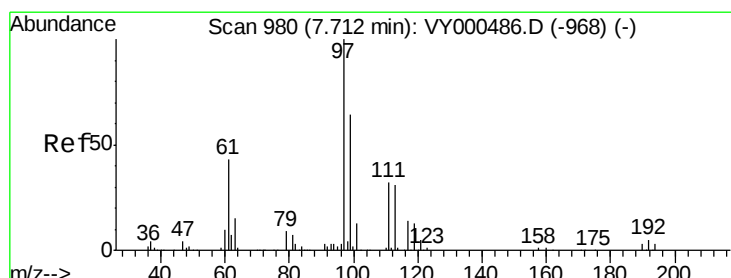
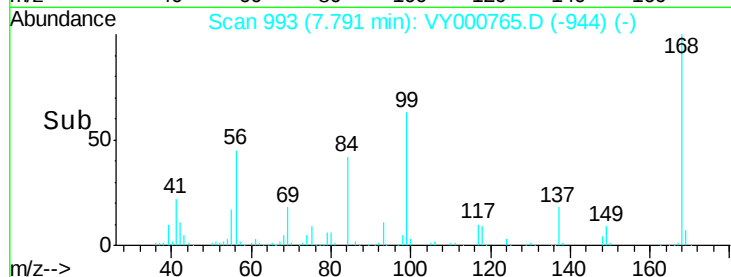
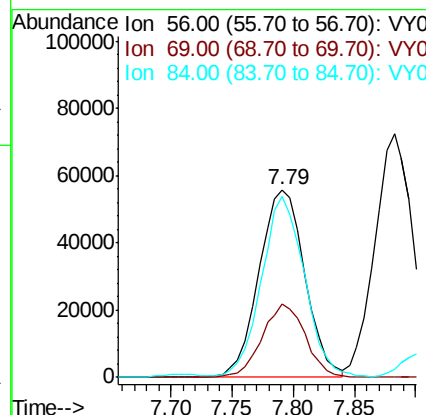
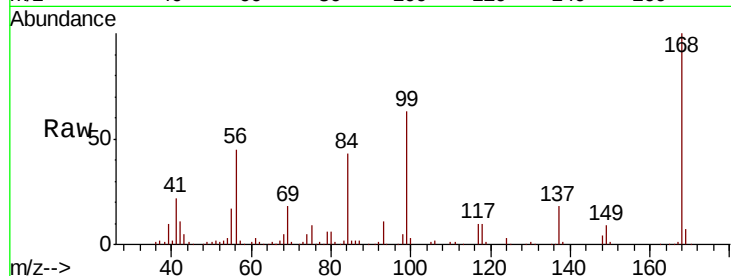
#31
Cyclohexane
Concen: 21.514 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.2	25.0	37.6#
84	95.2	71.4	107.2

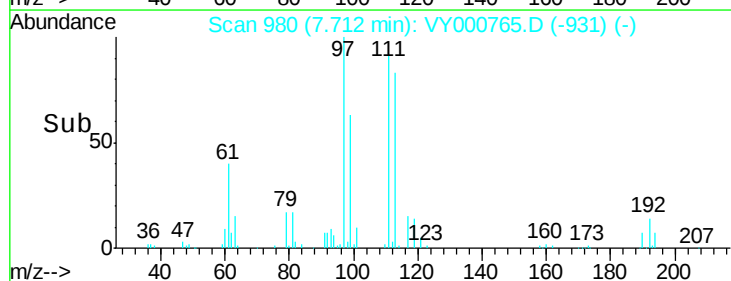
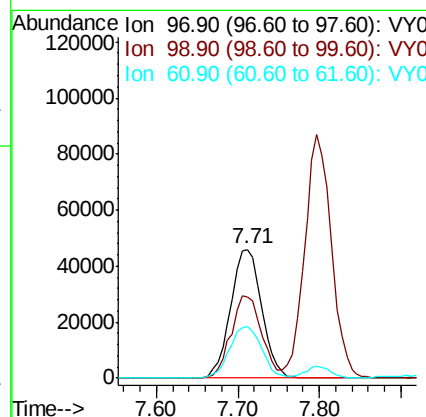
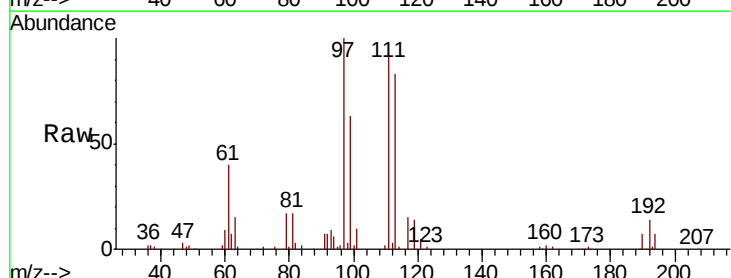
Manual Integrations
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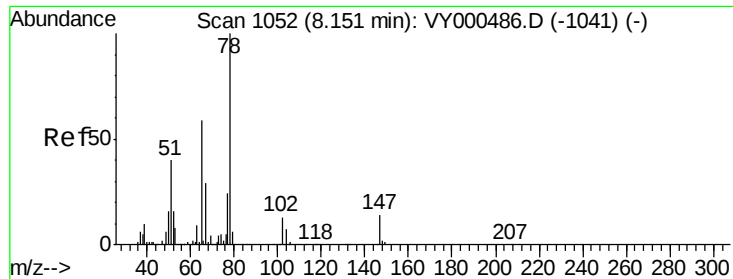
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#32
1,1,1-Trichloroethane
Concen: 20.612 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.9	76.3
61	41.4	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 48.485 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 65 Resp: 169994

Ion Ratio Lower Upper

65 100

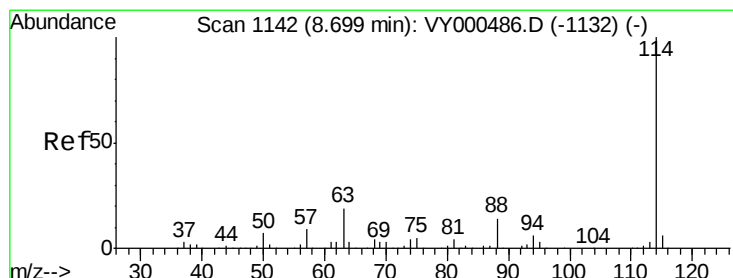
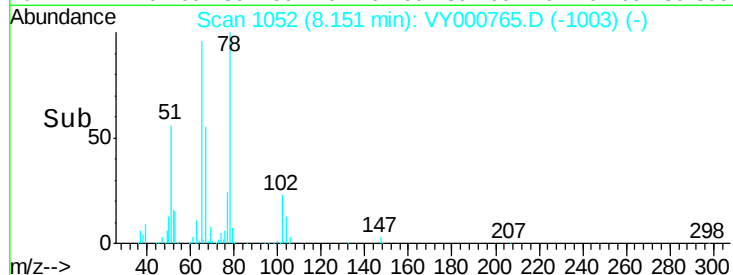
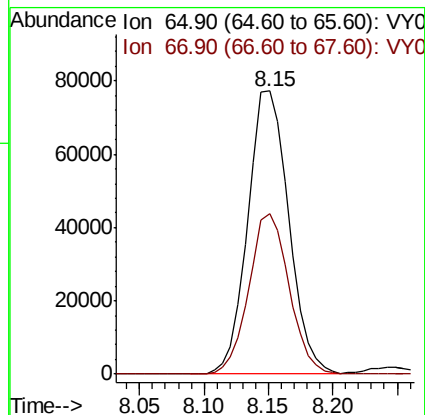
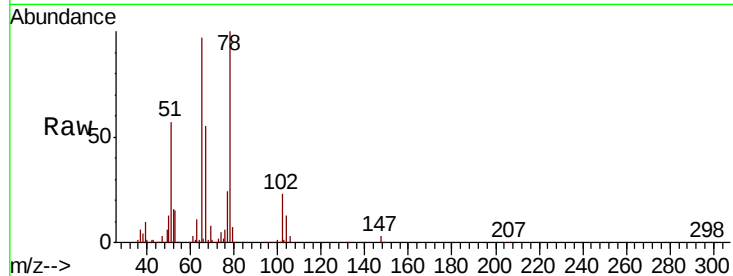
67 55.8 0.0 107.2

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: VY000765.D

Acq: 21 Nov 2019 14:14

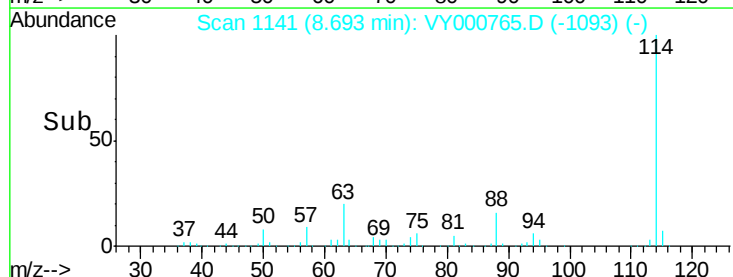
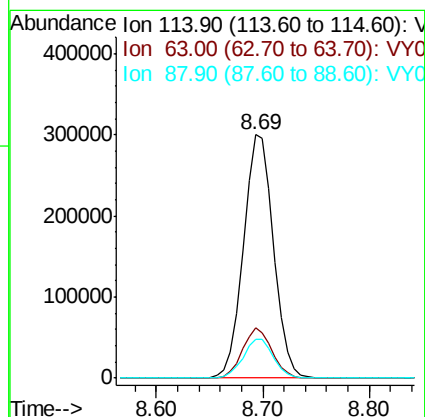
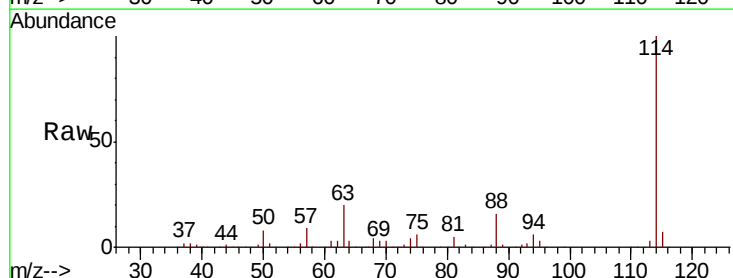
Tgt Ion: 114 Resp: 594102

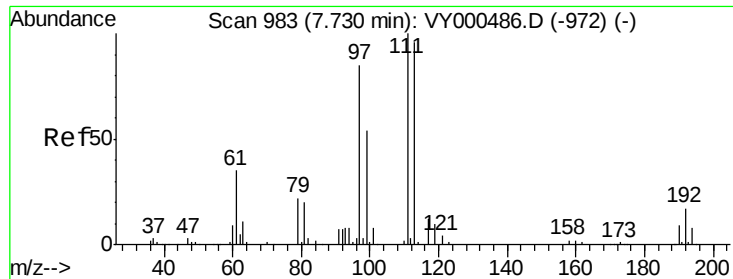
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

88 15.9 0.0 28.6





#35

Dibromofluoromethane

Concen: 45.861 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

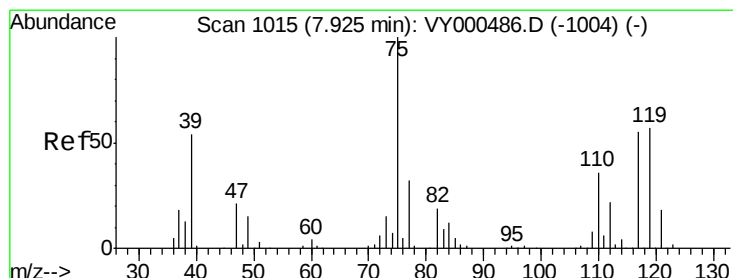
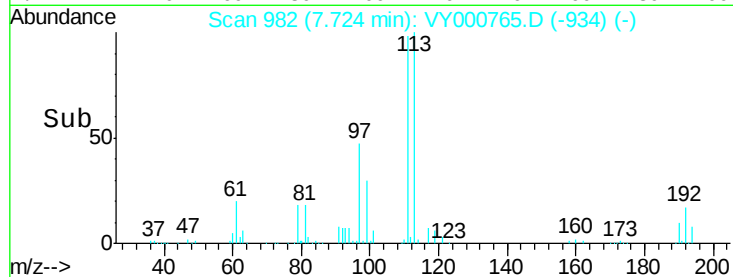
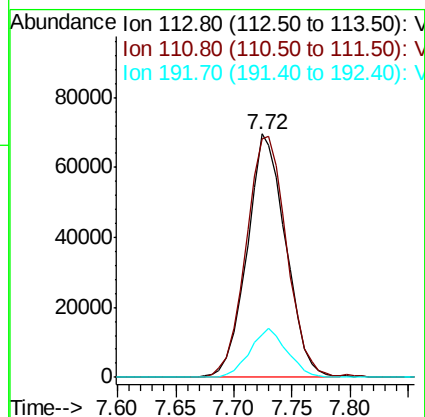
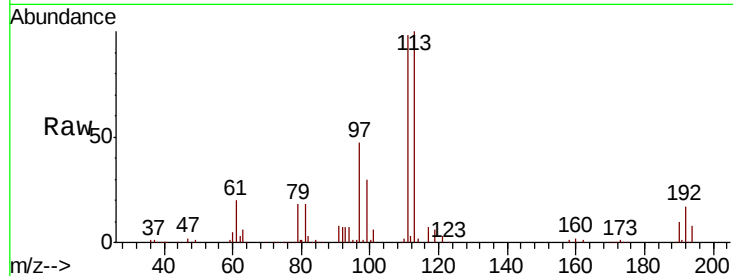
ClientSampleId :

VY1121SBS01

Tot Ion:	113	Resp:	159952
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.7	122.5
192	19.4	15.0	22.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.189 ug/l

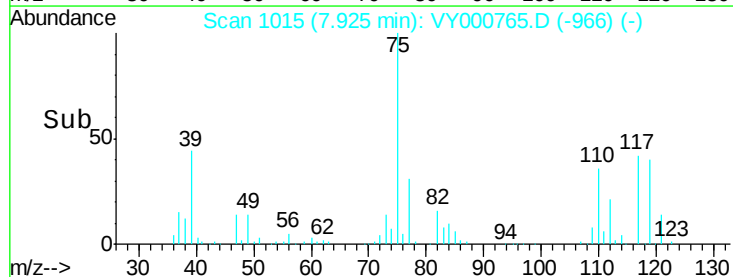
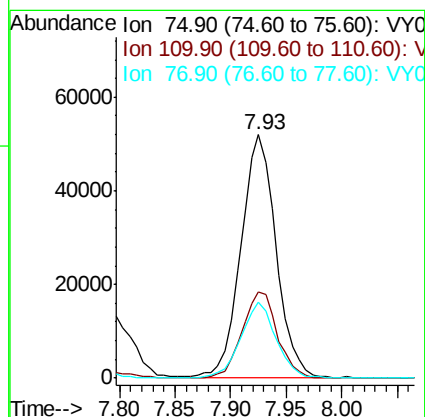
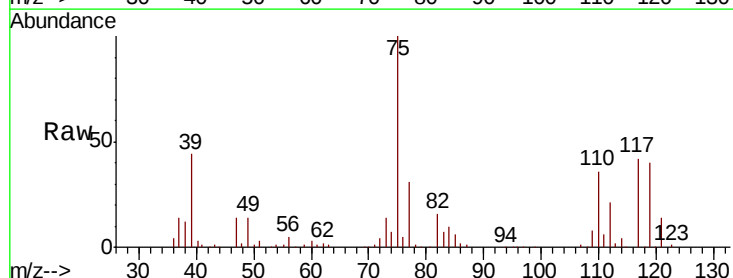
RT: 7.93 min Scan# 1015

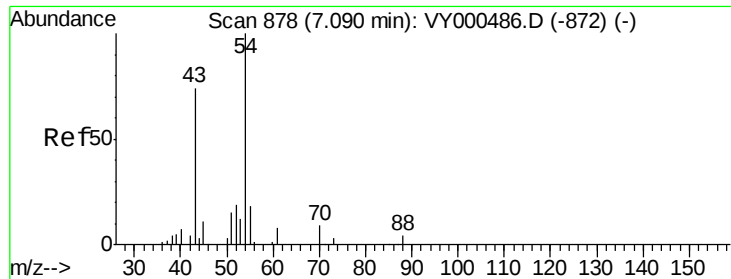
Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion:	75	Resp:	113389
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.1
77	31.4	25.0	37.6





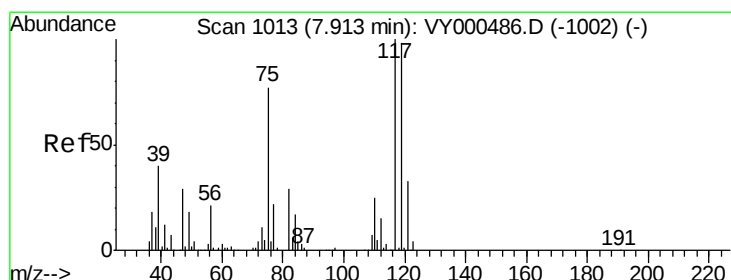
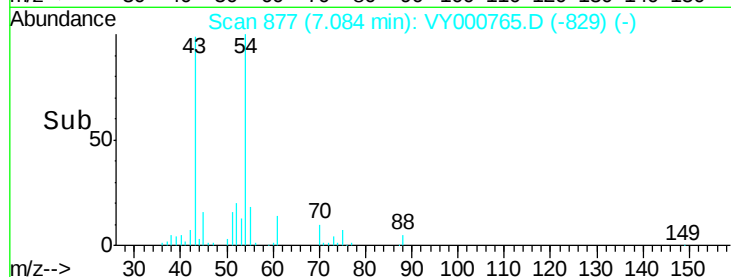
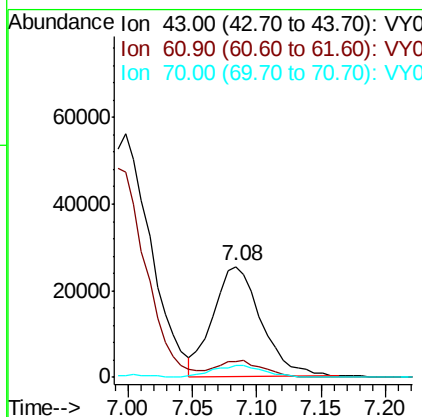
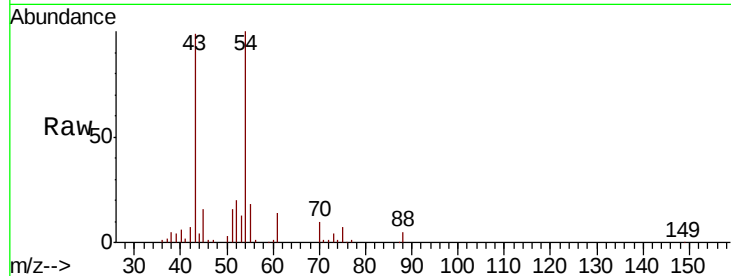
#37
Ethyl Acetate
Concen: 19.884 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.2	15.2
70	11.5	7.8	11.8

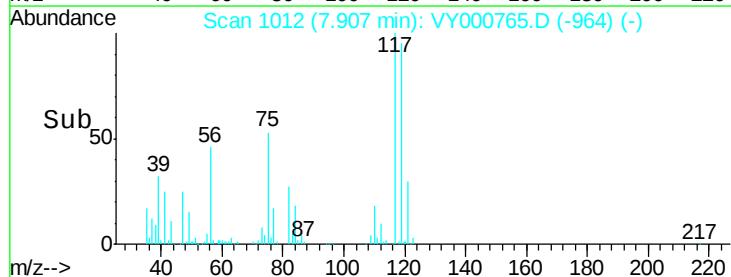
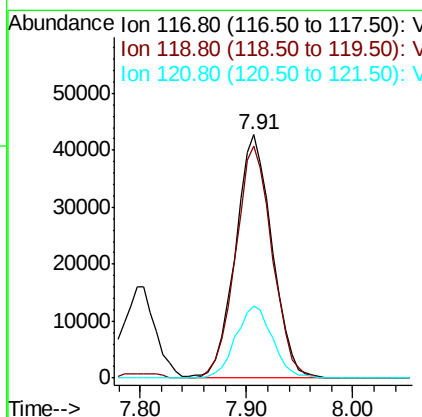
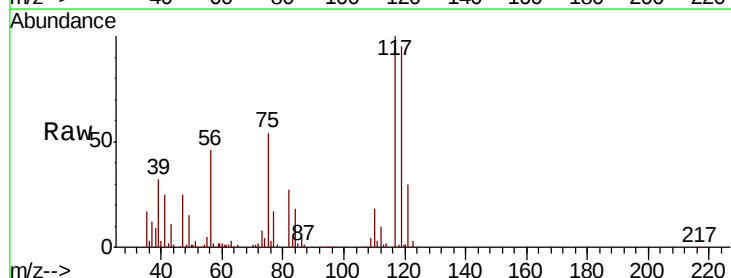
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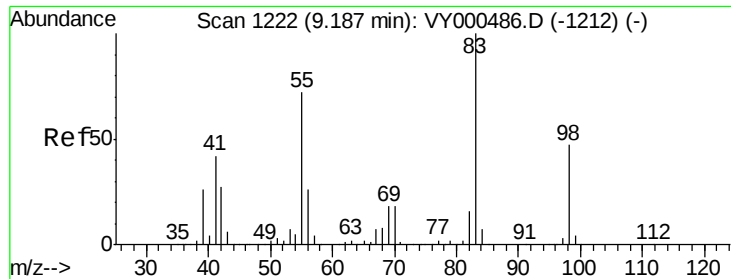
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#38
Carbon Tetrachloride
Concen: 19.115 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.0	117.0
121	29.5	26.6	40.0





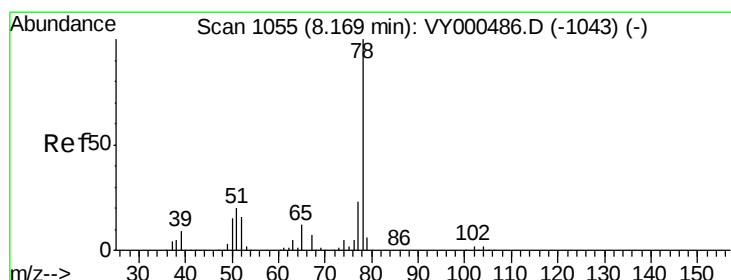
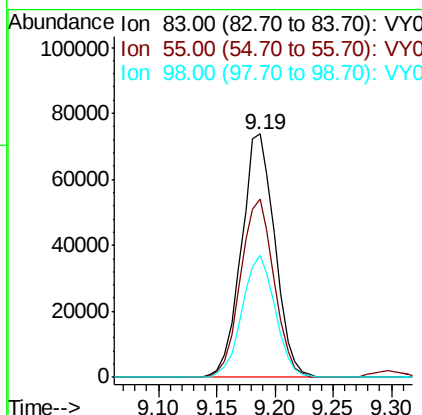
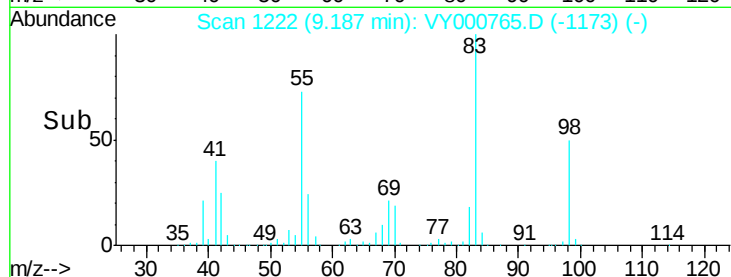
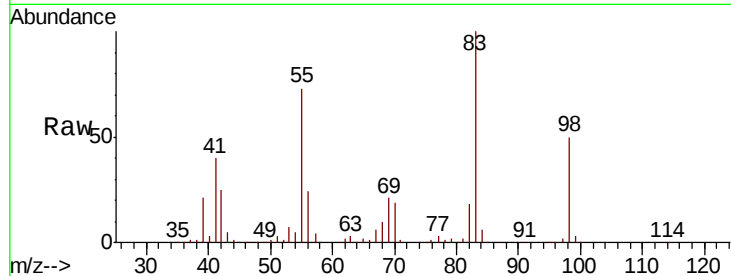
#39
Methvlcvclohexane
Concen: 20.400 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	57.5	86.3
98	50.1	38.0	57.0

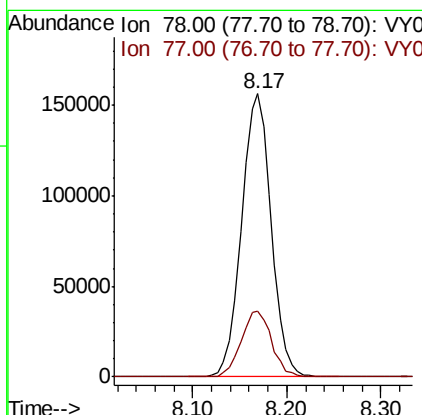
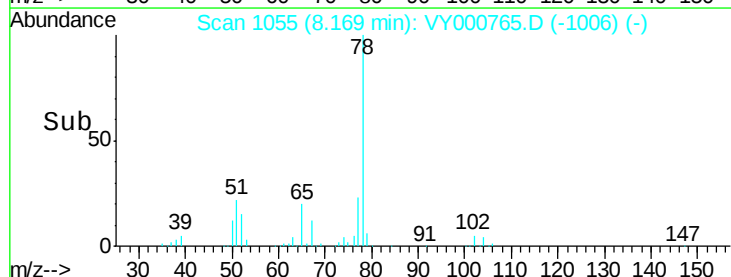
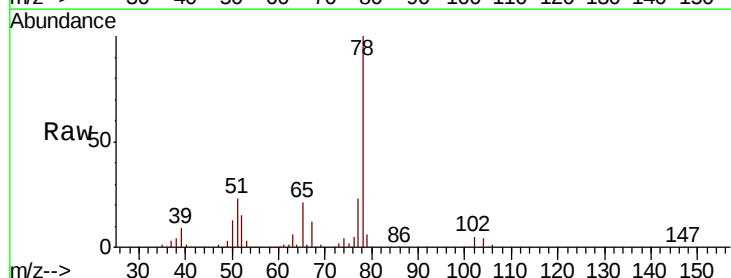
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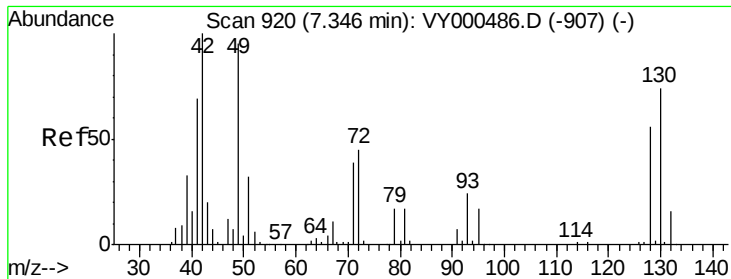
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#40
Benzene
Concen: 20.798 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0





#41

Methacrylonitrile

Concen: 19.919 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.02 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBSD01

Tot Ion: 41 Resp: 37053
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

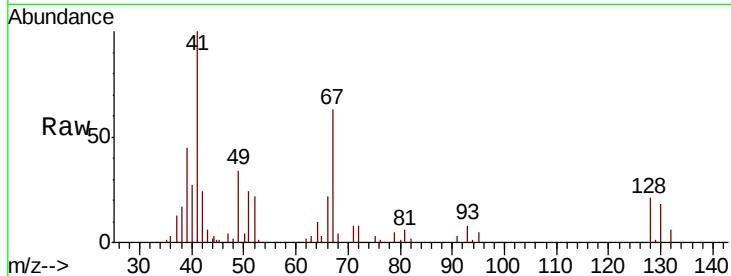
67 0.0 0.0 0.0

52 0.0 0.0 0.0

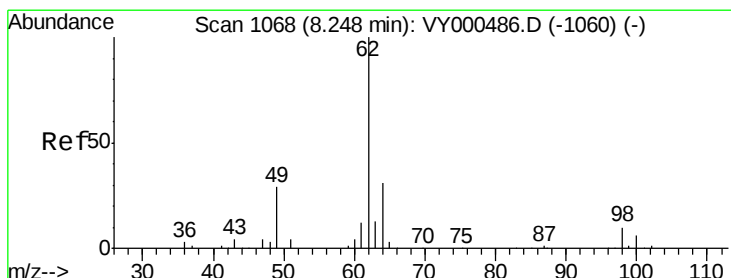
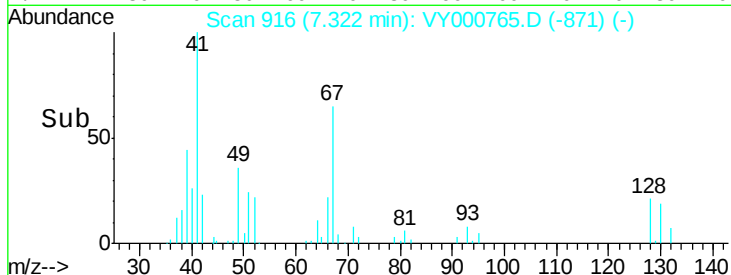
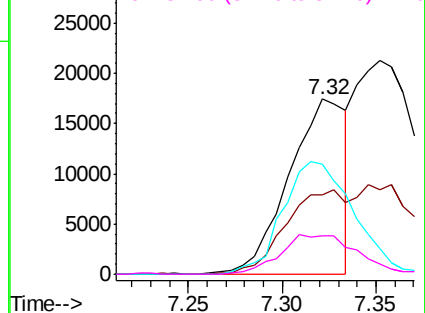
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.475 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

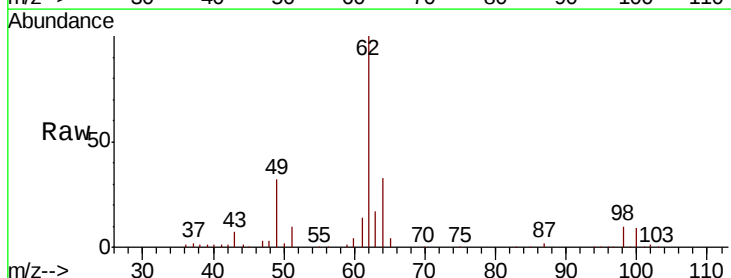
Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

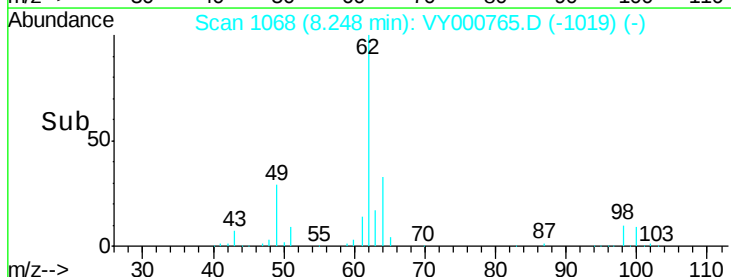
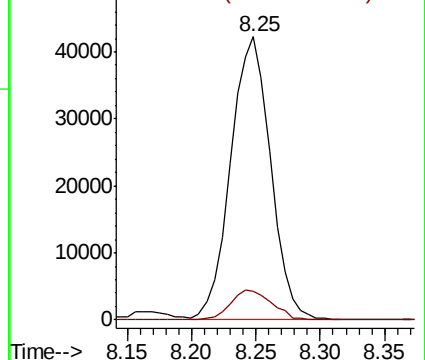
Tgt Ion: 62 Resp: 90951
Ion Ratio Lower Upper

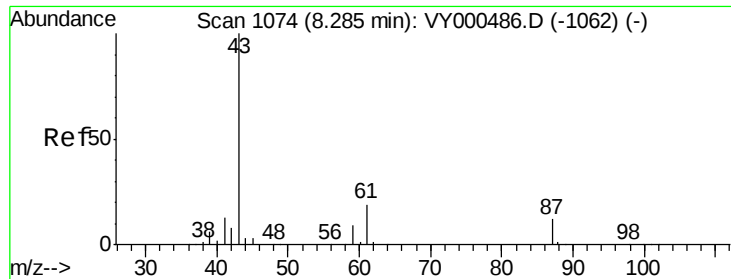
62 100

98 10.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.872 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

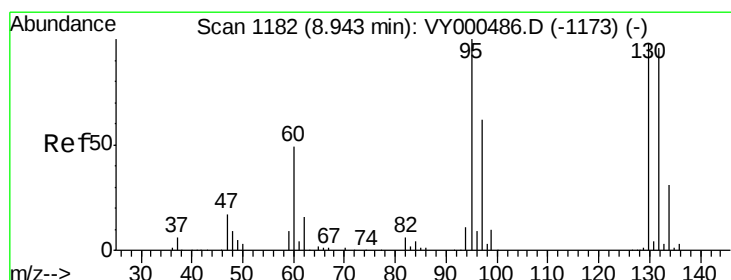
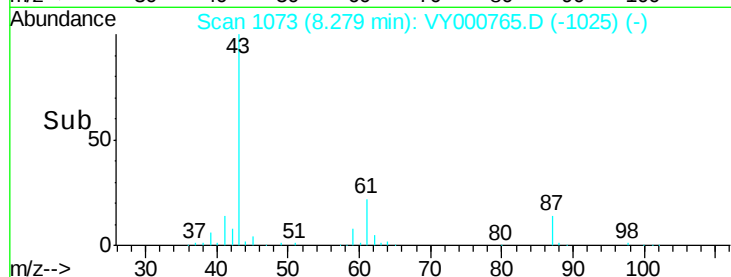
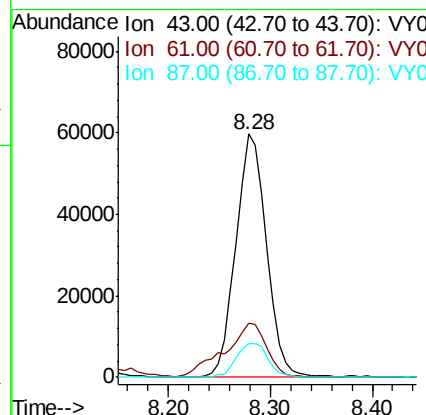
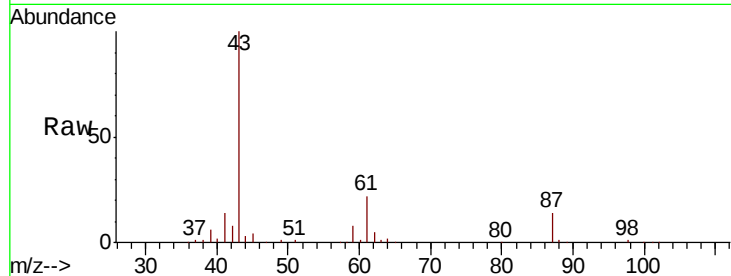
ClientSampleId :

VY1121SBS01

Tot Ion:	43	Resp:	124476
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.0	34.4
87	14.4	10.5	15.7

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#44

Trichloroethene

Concen: 21.015 ug/l

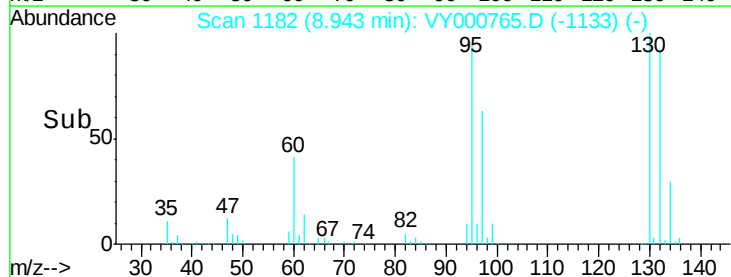
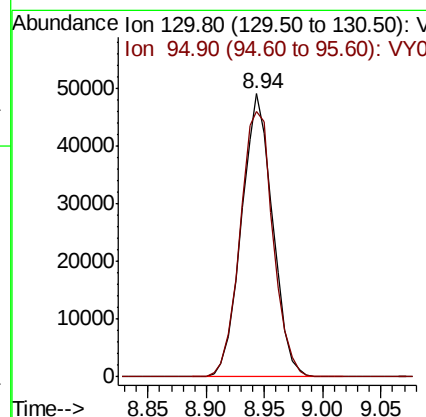
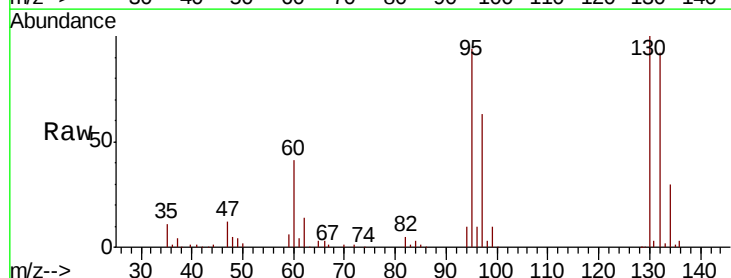
RT: 8.94 min Scan# 1182

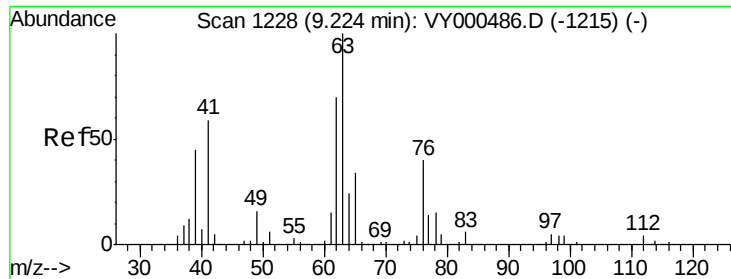
Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion:	130	Resp:	91234
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	203.2





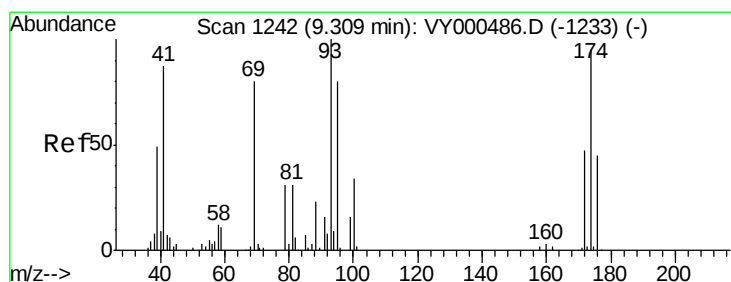
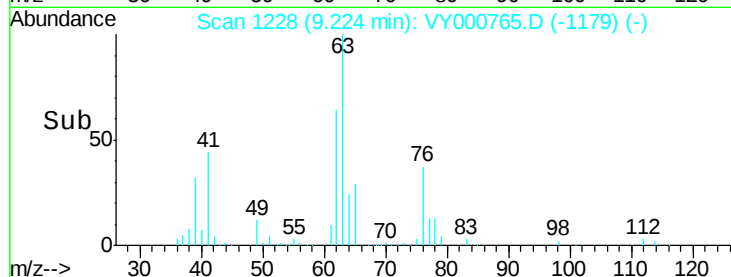
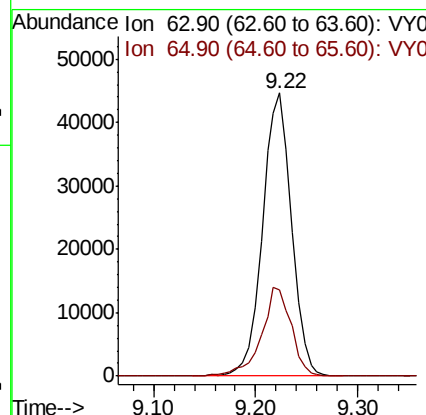
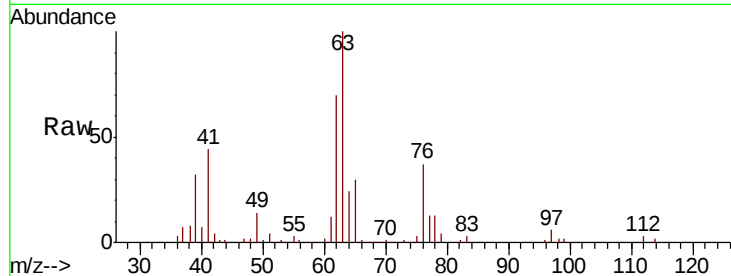
#45
 1,2-Dichloropropane
 Concen: 21.688 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion: 63 Resp: 87892
 Ion Ratio Lower Upper
 63 100
 65 30.5 27.0 40.4

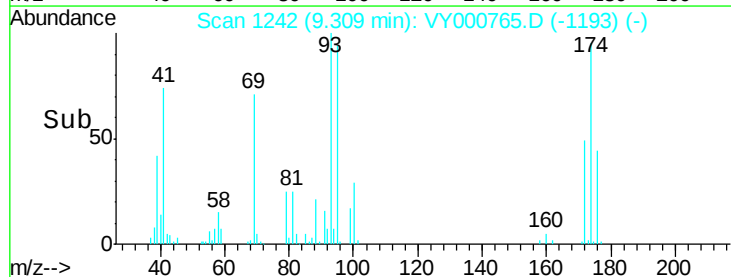
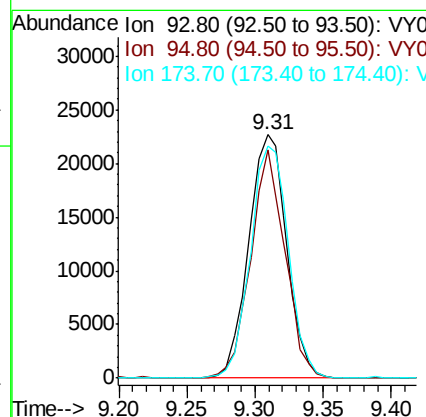
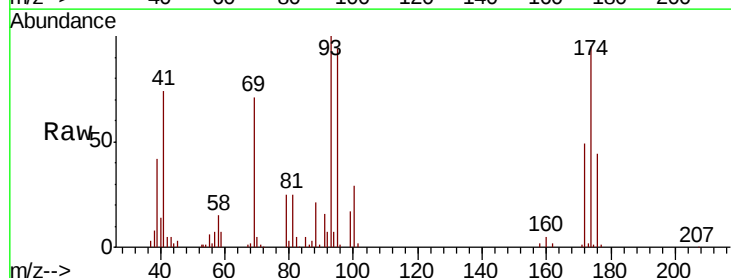
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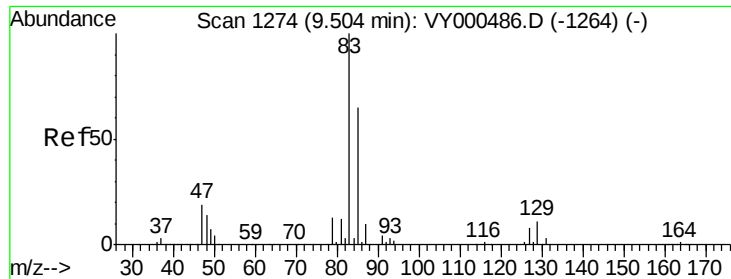
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#46
 Dibromomethane
 Concen: 19.882 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 93 Resp: 44312
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.4 99.6
 174 95.6 77.1 115.7





#47

Bromodichloromethane

Concen: 20.111 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 83 Resp: 106356

Ion Ratio Lower Upper

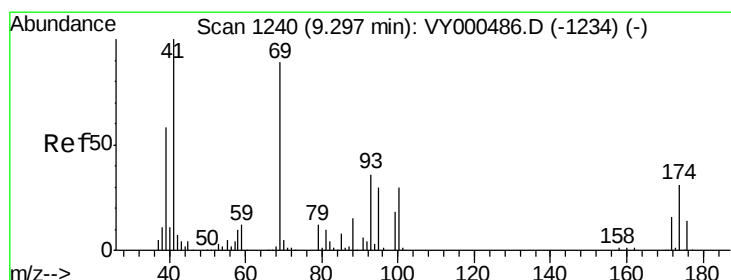
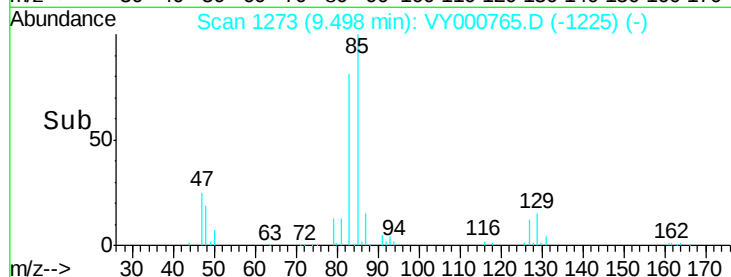
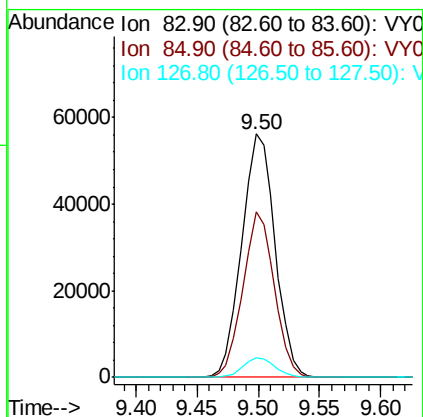
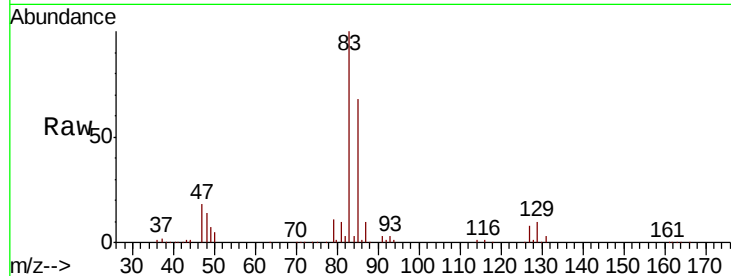
83 100

85 68.0 51.8 77.8

127 7.9 6.7 10.1

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#48

Methyl methacrylate

Concen: 19.727 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

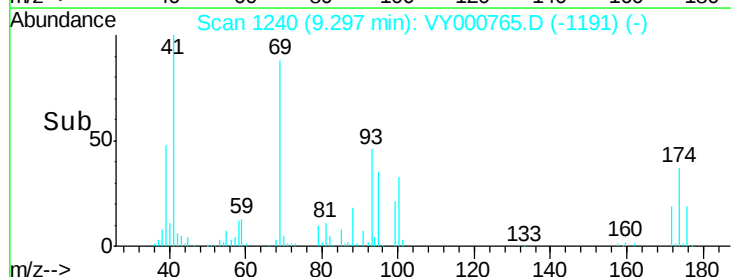
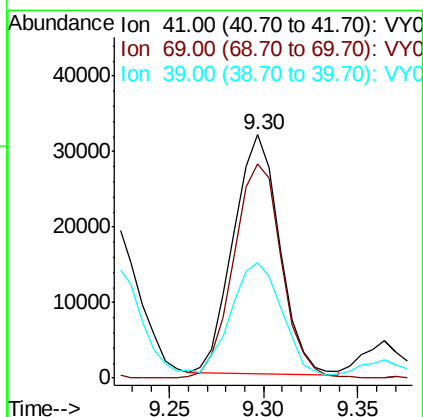
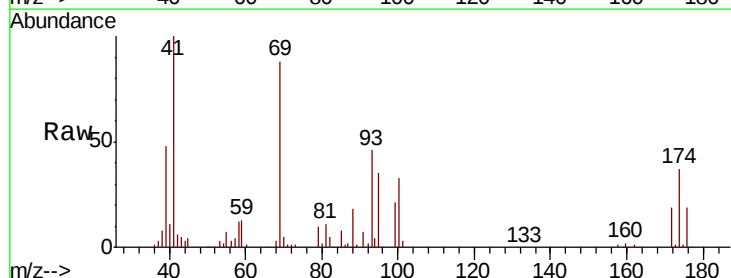
Tgt Ion: 41 Resp: 53989

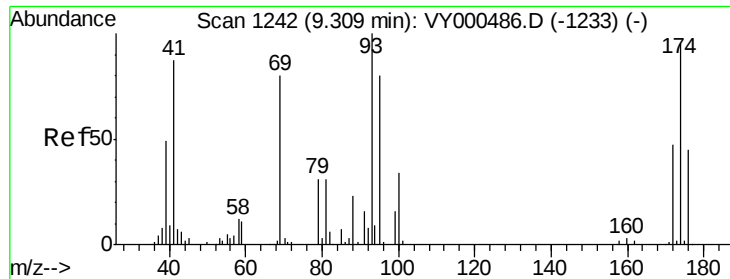
Ion Ratio Lower Upper

41 100

69 93.1 72.5 108.7

39 54.0 47.8 71.8





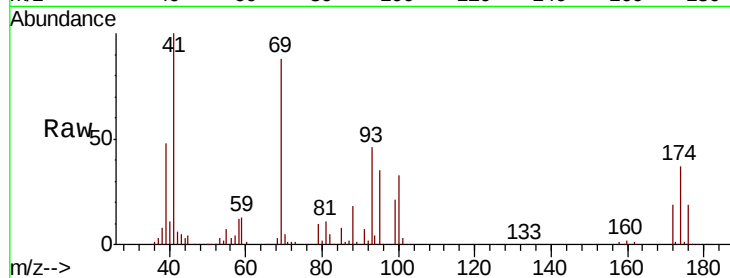
#49
1,4-Dioxane
Concen: 385.823 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

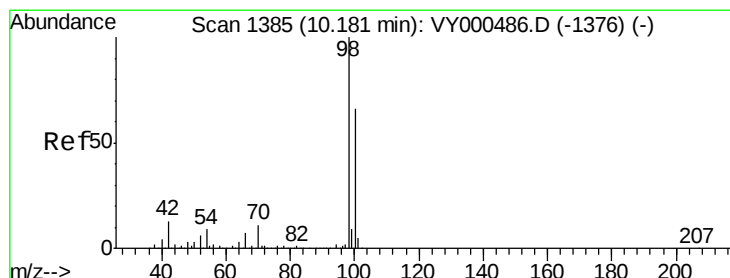
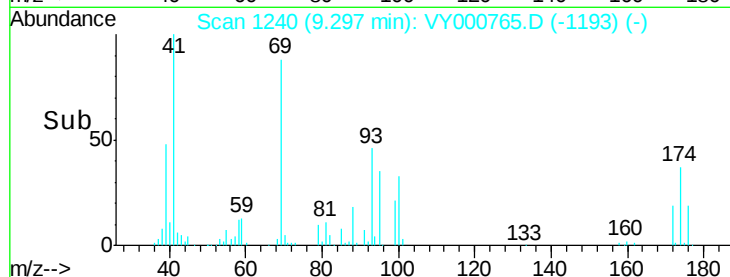
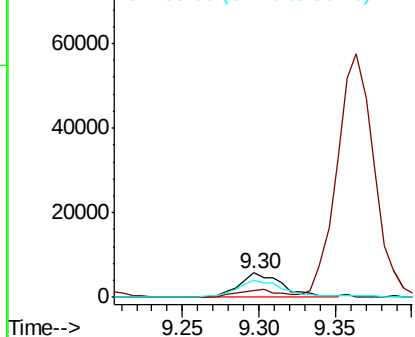
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.1	37.7
58	77.2	50.6	75.8

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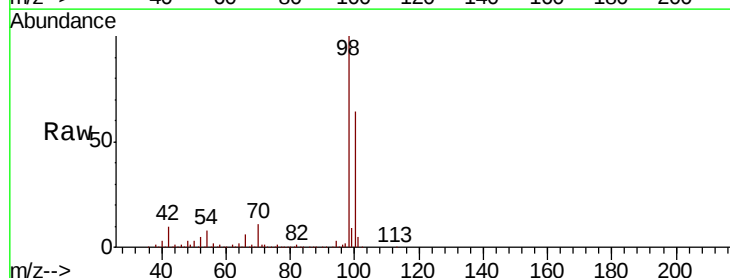


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

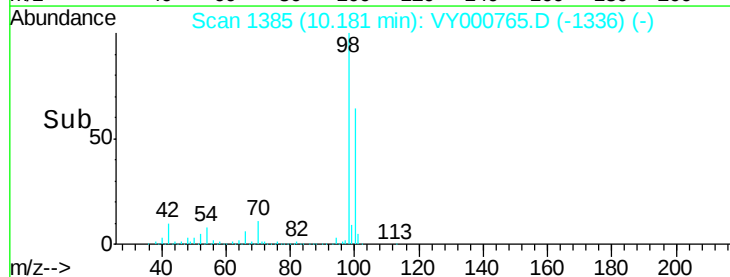
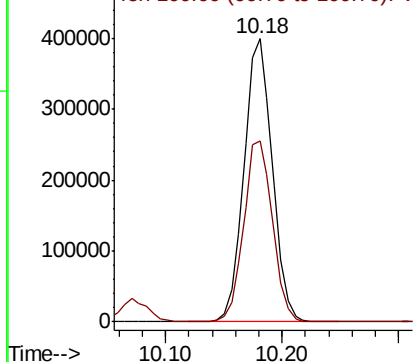


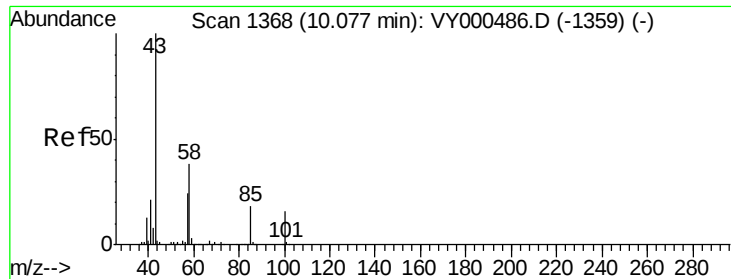
#50
Toluene-d8
Concen: 50.949 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 98.924 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 43 Resp: 329446

Ion Ratio Lower Upper

43 100

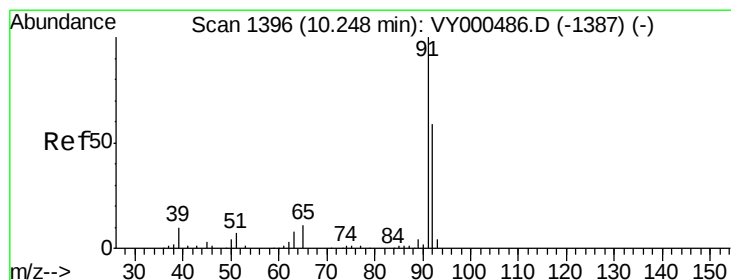
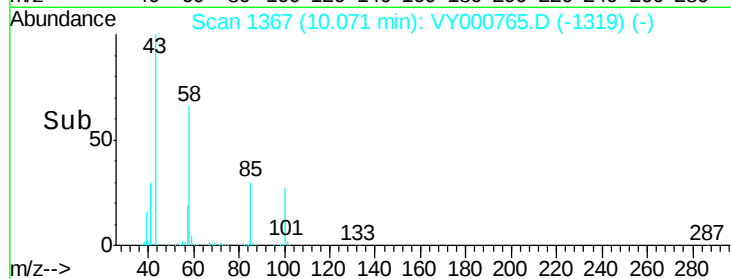
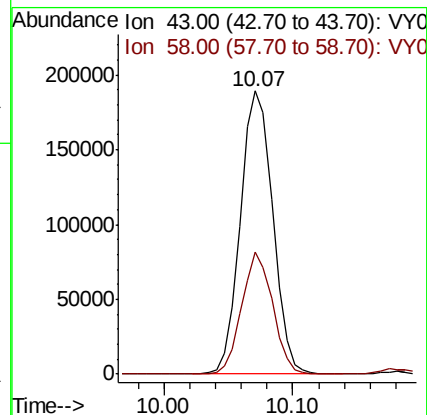
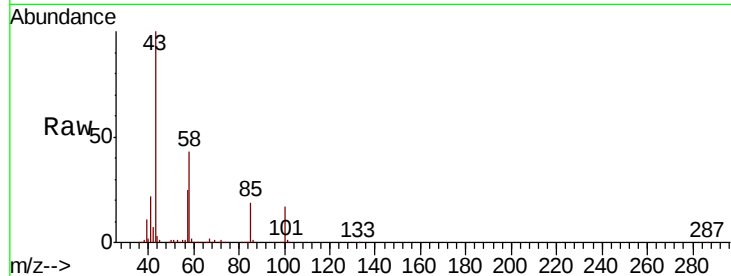
58 41.3 30.2 45.4

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#52

Toluene

Concen: 20.036 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000765.D

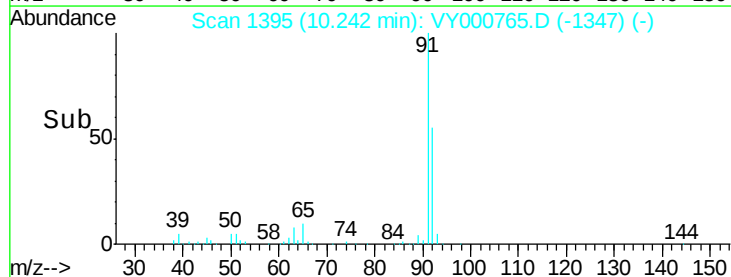
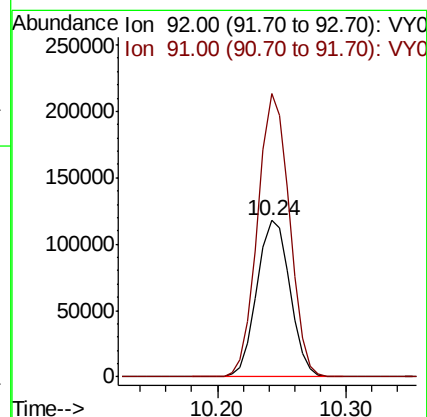
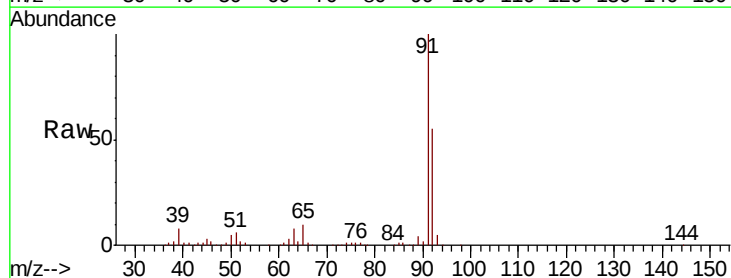
Acq: 21 Nov 2019 14:14

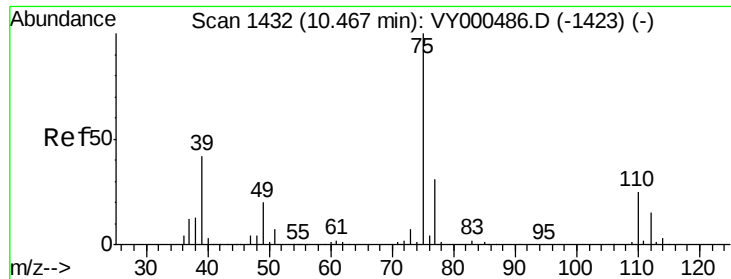
Tgt Ion: 92 Resp: 208580

Ion Ratio Lower Upper

92 100

91 174.3 136.3 204.5





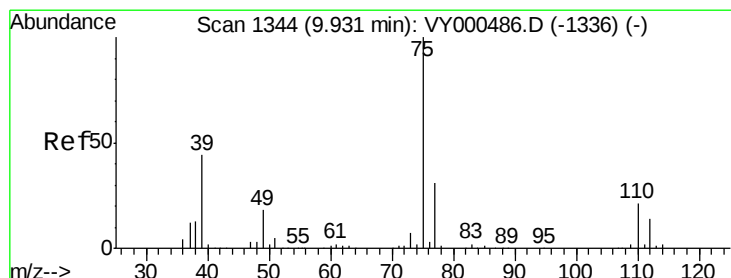
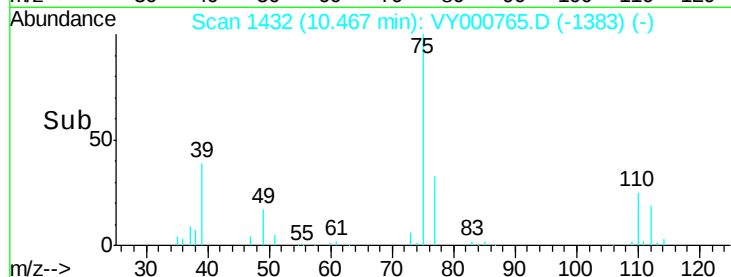
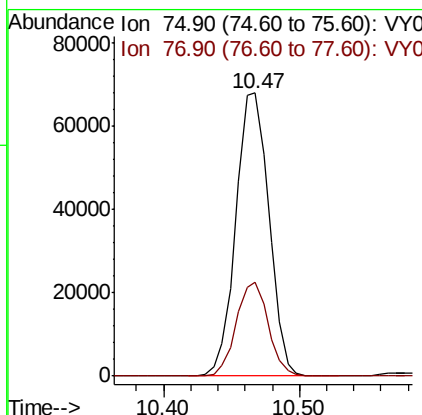
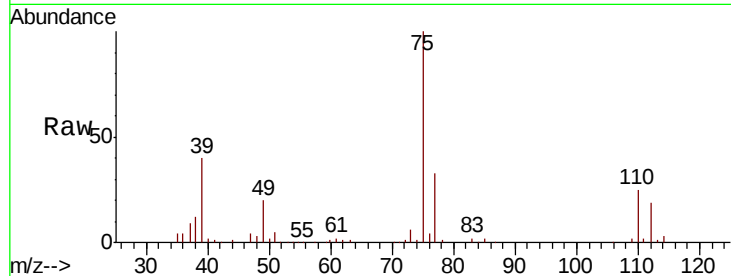
#53
t-1,3-Dichloropropene
Concen: 20.466 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 75 Resp: 115648
Ion Ratio Lower Upper
75 100
77 33.4 24.6 37.0

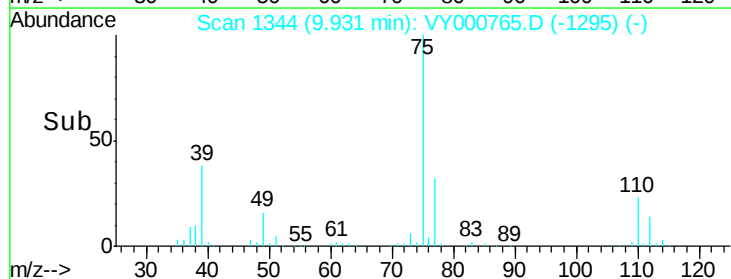
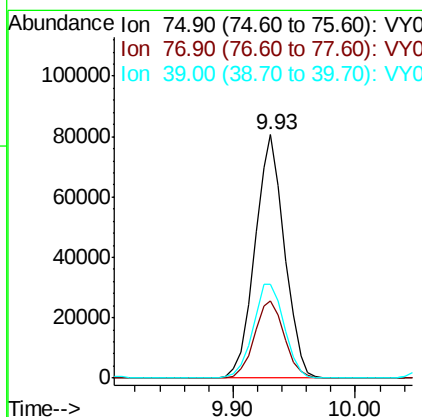
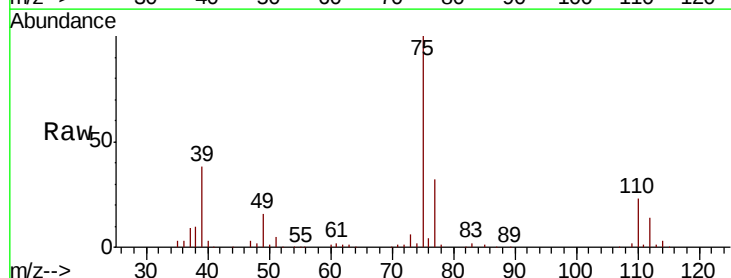
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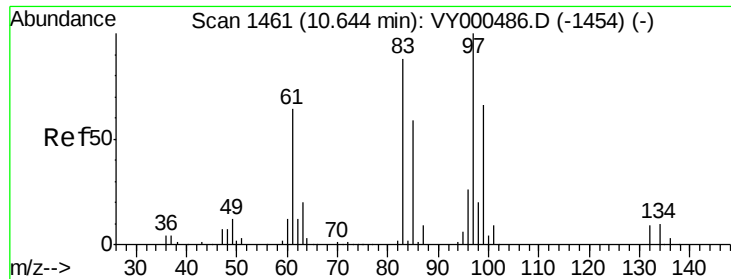
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#54
cis-1,3-Dichloropropene
Concen: 20.851 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 75 Resp: 134976
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7
39 38.5 35.4 53.2





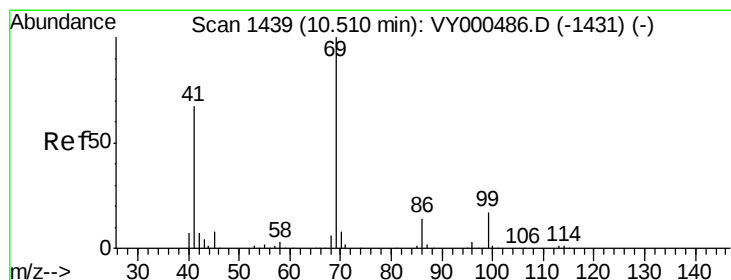
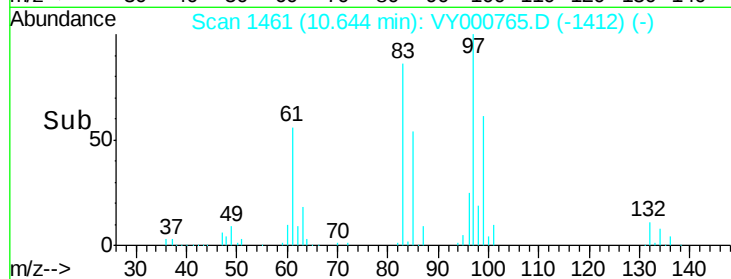
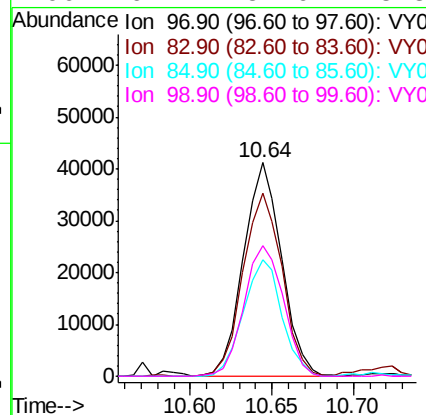
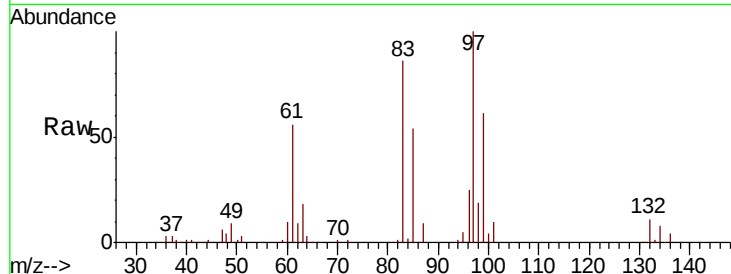
#55
1,1,2-Trichloroethane
Concen: 20.783 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.2	105.4
85	54.4	46.9	70.3
99	61.4	52.6	78.8

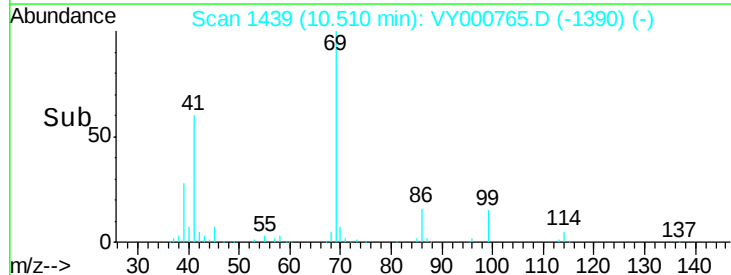
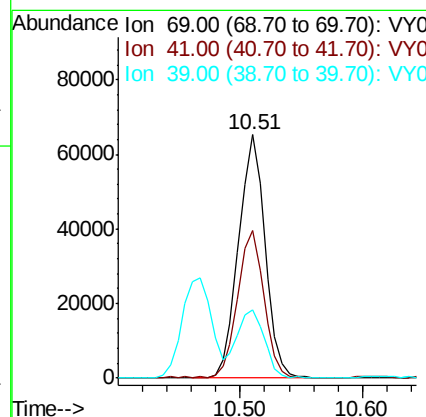
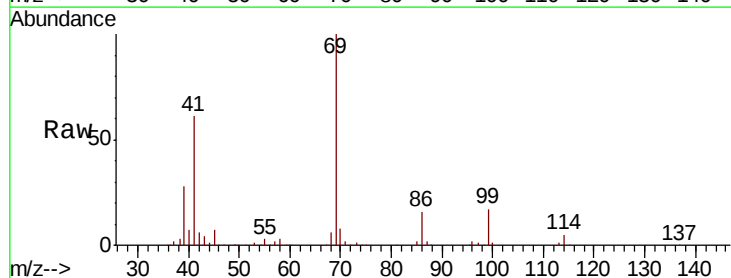
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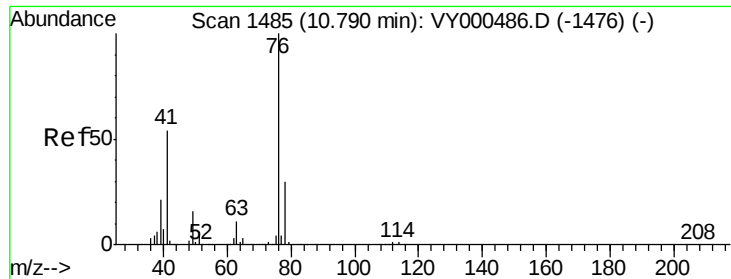
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#56
Ethyl methacrylate
Concen: 21.455 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.6	53.3	79.9
39	29.4	28.0	42.0





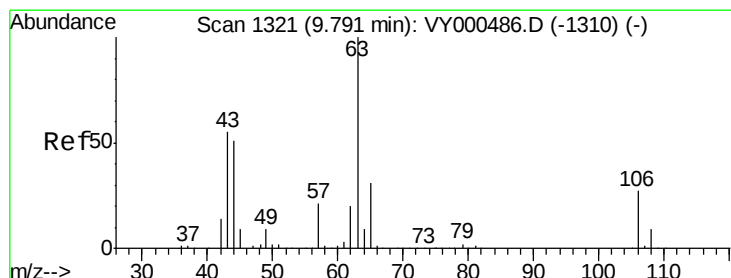
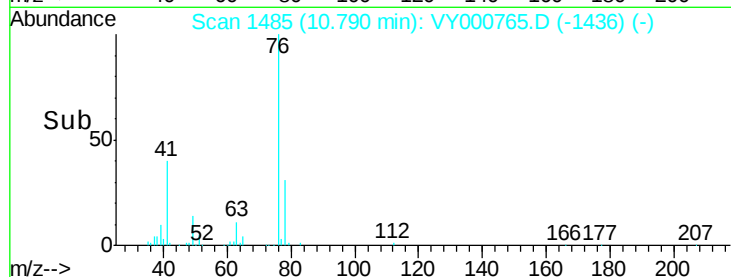
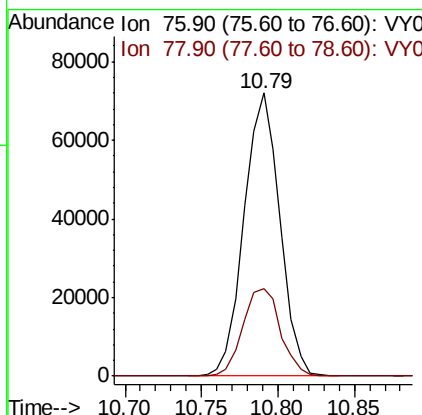
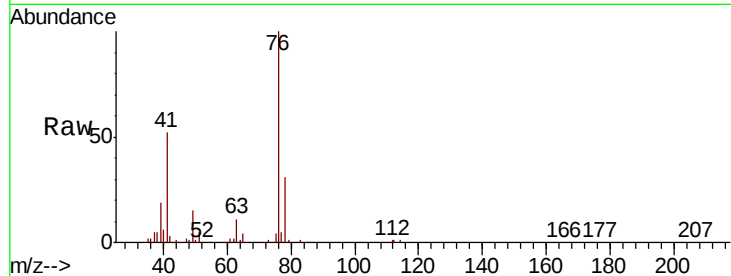
#57
 1,3-Dichloropropane
 Concen: 20.735 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.2	37.8

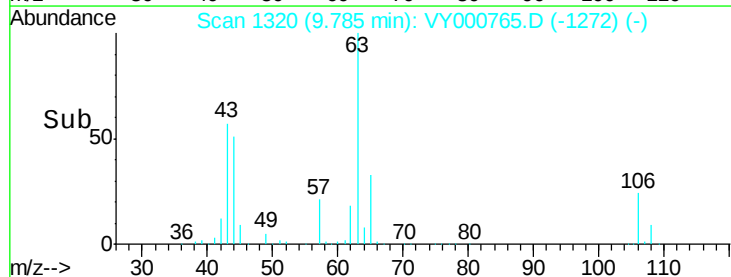
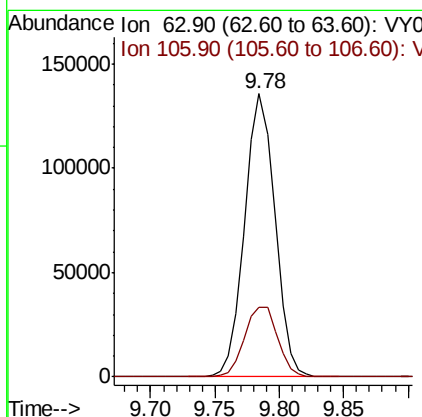
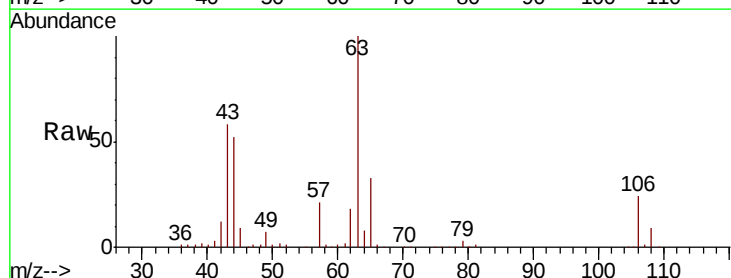
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.863 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	22.6	33.8





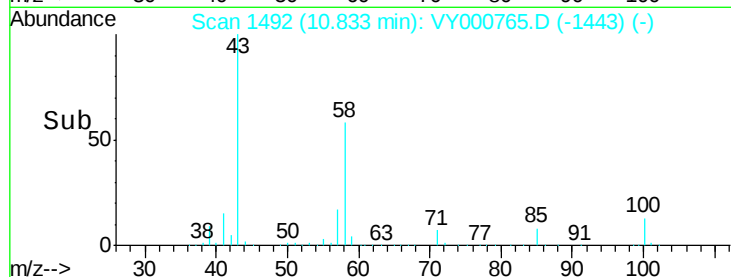
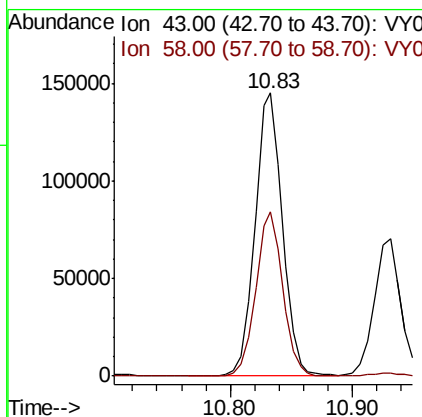
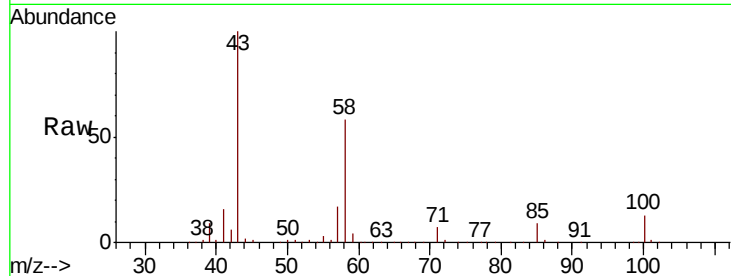
#59
2-Hexanone
Concen: 93.278 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 43 Resp: 226333
Ion Ratio Lower Upper
43 100
58 57.2 27.1 81.3

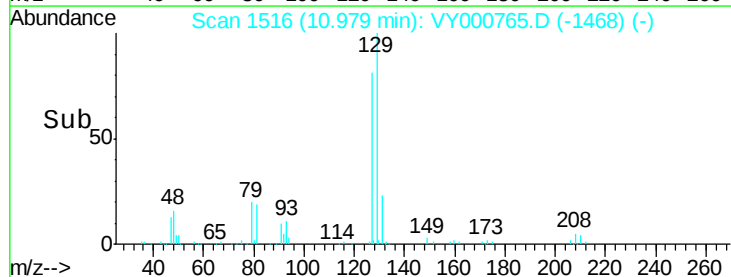
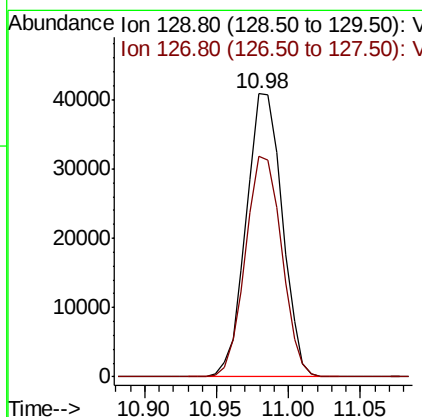
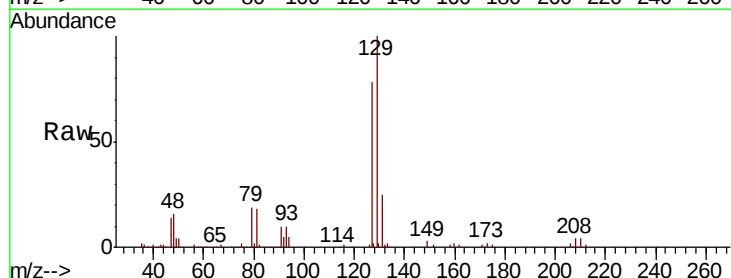
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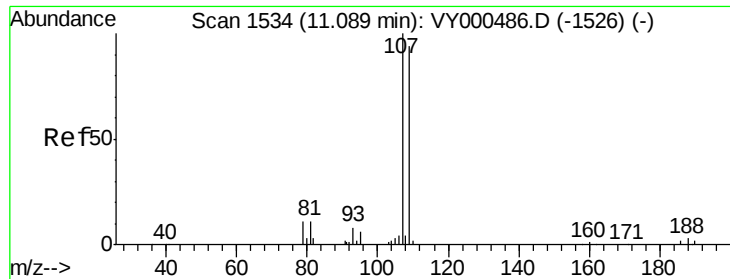
MMDadoda
11/23/2019 6:11:09 AM



#60
Dibromochloromethane
Concen: 19.194 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 129 Resp: 70872
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





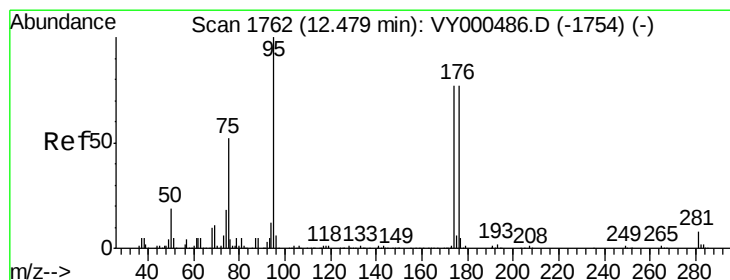
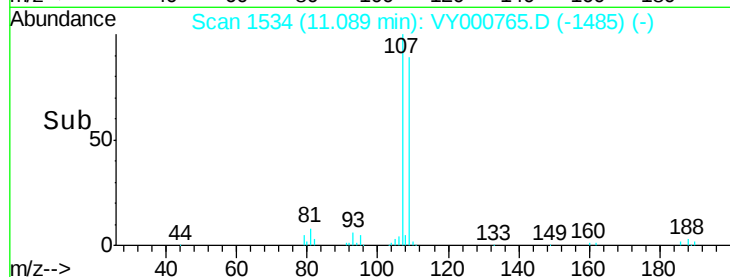
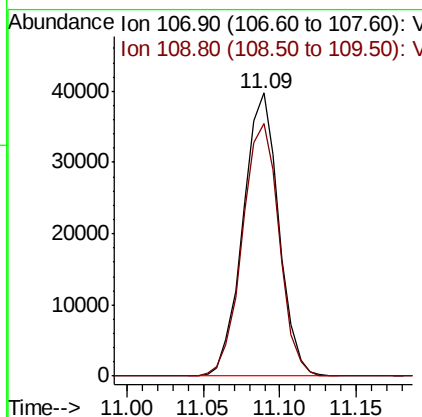
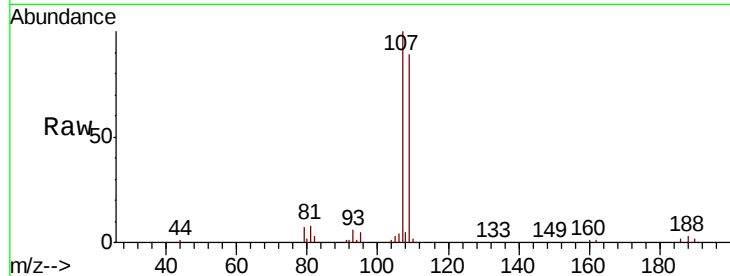
#61
 1,2-Dibromoethane
 Concen: 20.811 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion: 107 Resp: 64504
 Ion Ratio Lower Upper
 107 100
 109 91.9 73.6 110.4

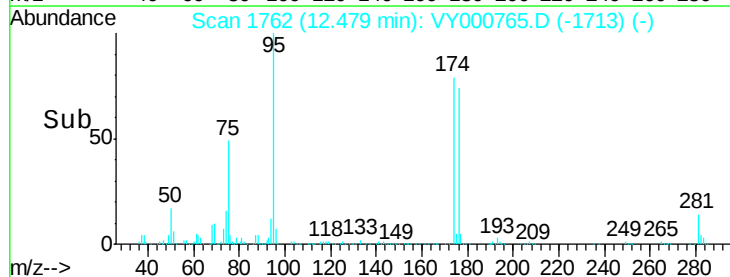
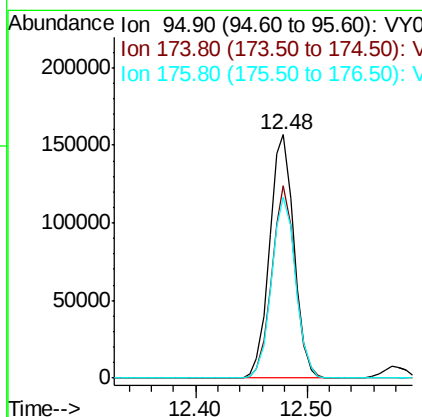
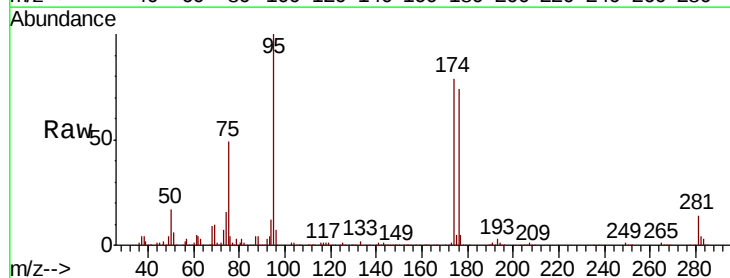
Manual Integrations
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MMDadoda
 11/23/2019 6:11:09 AM



#62
 4-Bromofluorobenzene
 Concen: 47.482 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 95 Resp: 239223
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 161.6
 176 73.4 0.0 157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

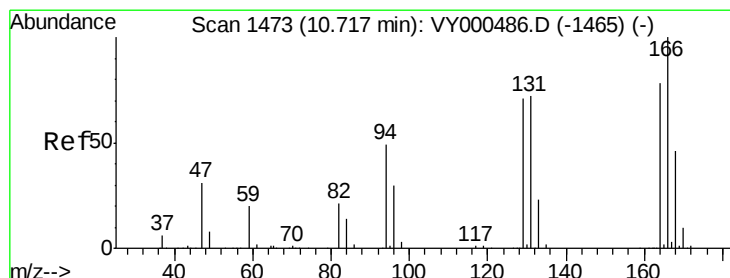
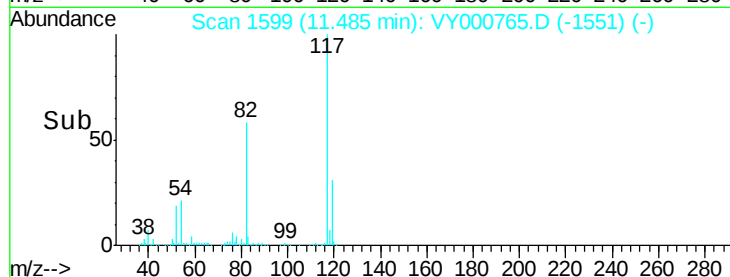
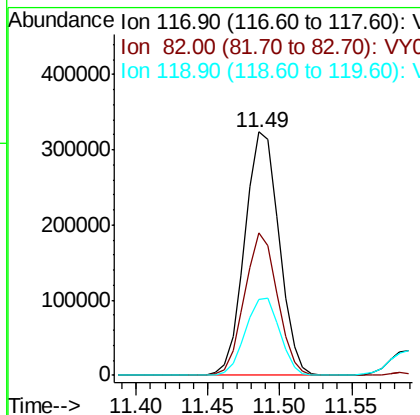
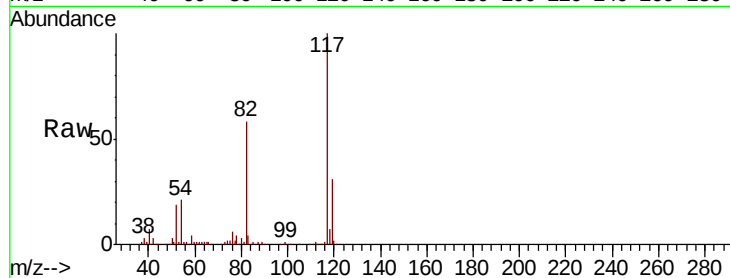
ClientSampleId :

VY1121SBS01

Tot Ion:	117	Resp:	532117
Ion Ratio		Lower	Upper
117	100		
82	58.4	40.8	61.2
119	31.1	26.2	39.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 20.910 ug/l

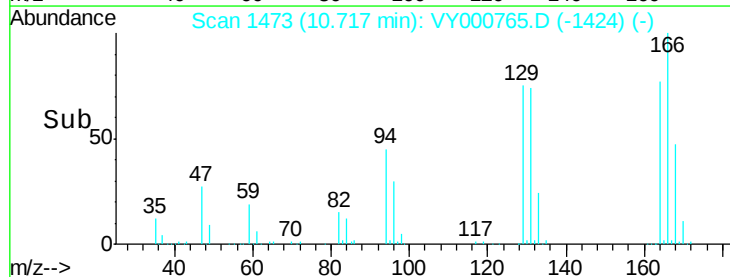
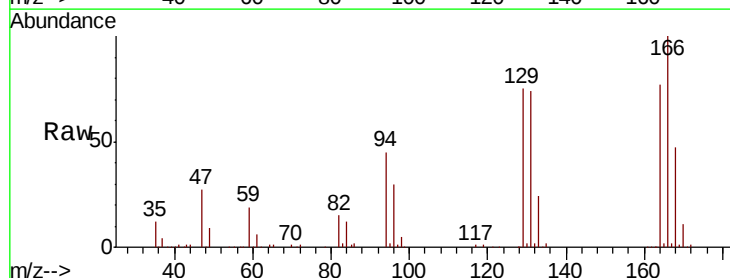
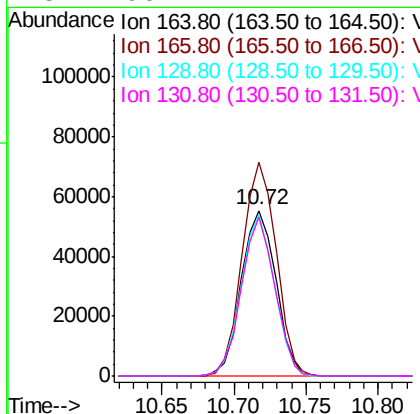
RT: 10.72 min Scan# 1473

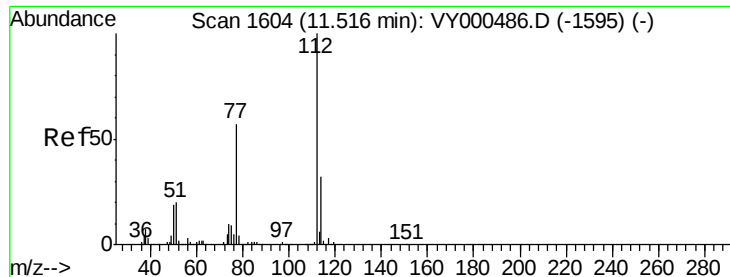
Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion:	164	Resp:	92004
Ion Ratio		Lower	Upper
164	100		
166	129.3	102.7	154.1
129	97.4	73.2	109.8
131	96.1	74.2	111.2





#65

Chlorobenzene

Concen: 20.522 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion:112 Resp: 221407

Ion Ratio Lower Upper

112 100

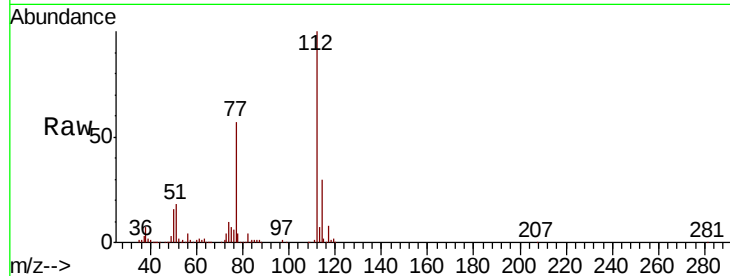
114 30.1 25.3 37.9

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

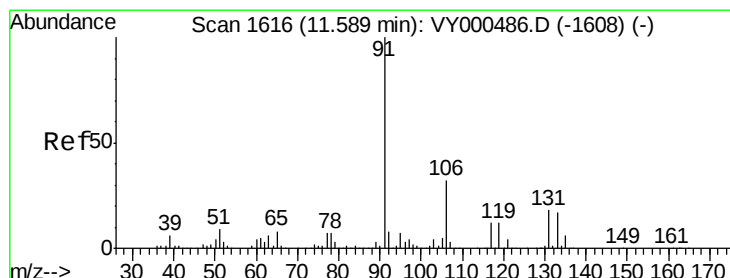
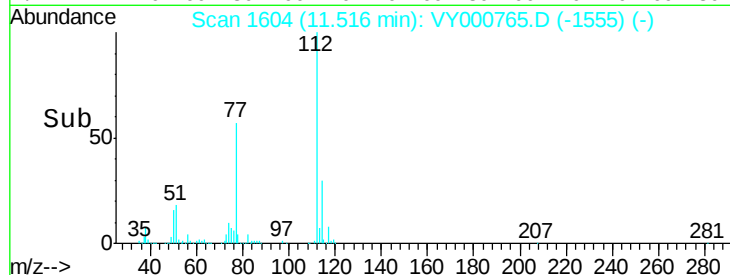
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.980 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

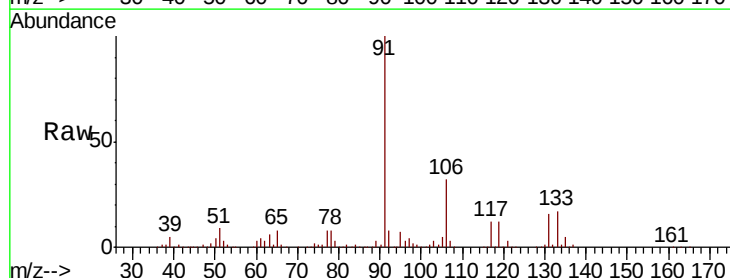
Tgt Ion:131 Resp: 74759

Ion Ratio Lower Upper

131 100

133 96.3 47.9 143.8

119 70.1 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

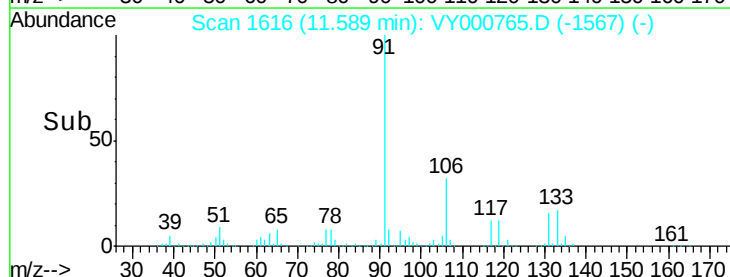
Ion 118.80 (118.50 to 119.50): V

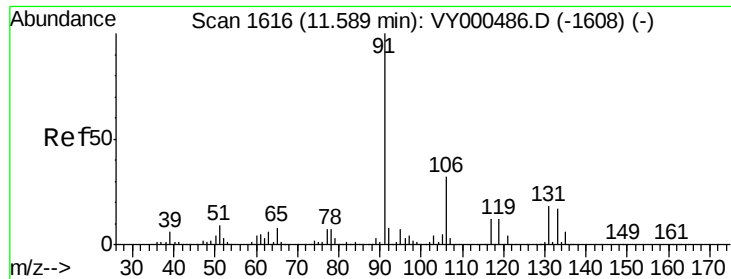
100000

50000

0

Time-->





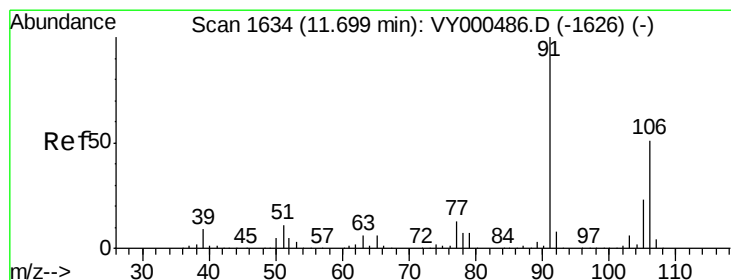
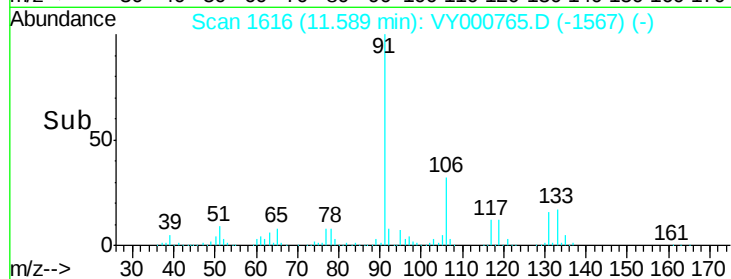
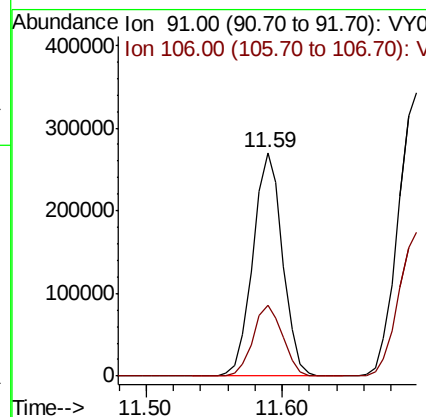
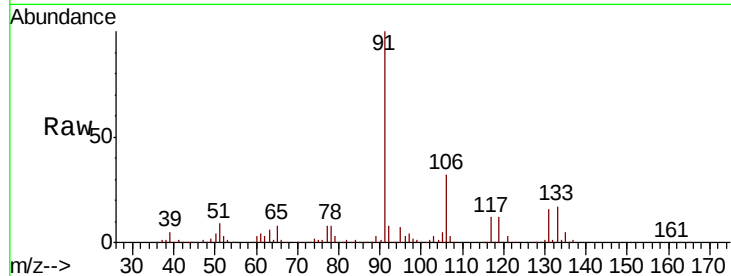
#67
Ethyl Benzene
Concen: 20.816 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion: 91 Resp: 413309
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

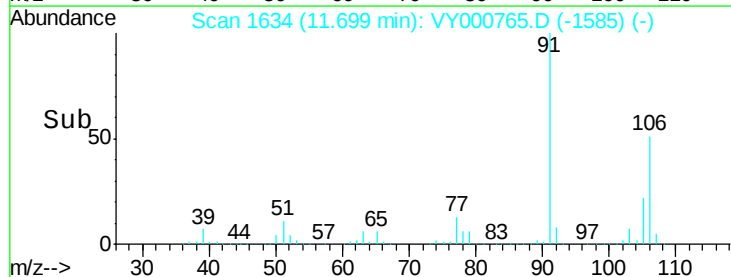
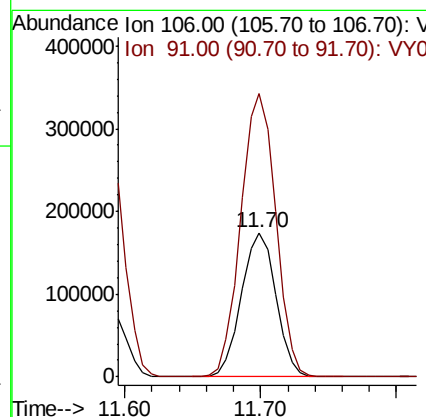
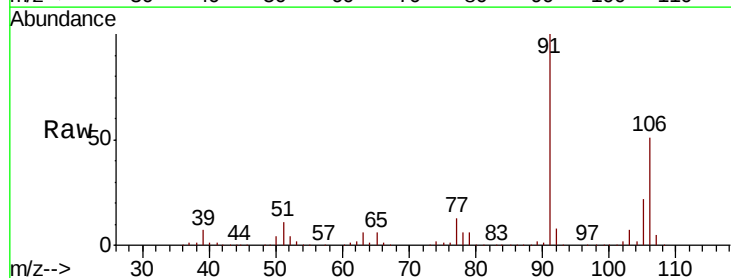
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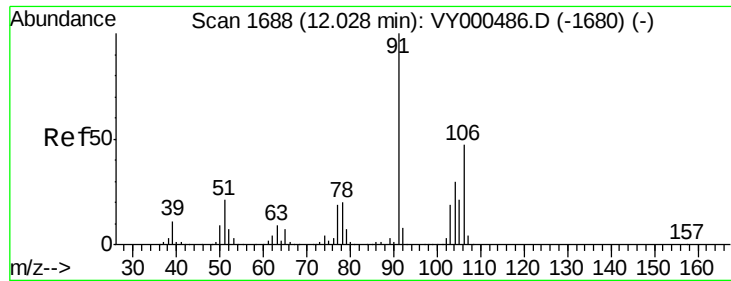
MMDadoda
11/23/2019 6:11:09 AM



#68
m/p-Xylenes
Concen: 40.382 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 106 Resp: 310334
Ion Ratio Lower Upper
106 100
91 198.8 155.9 233.9





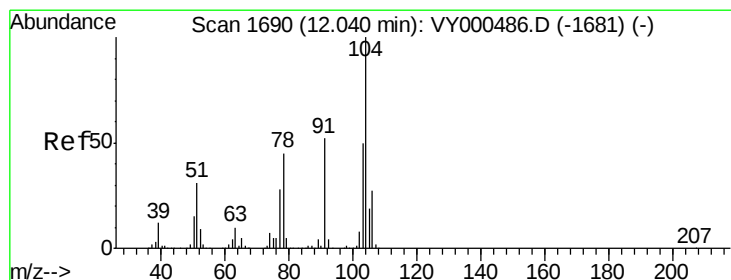
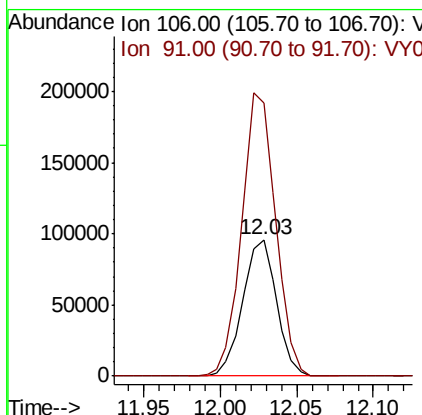
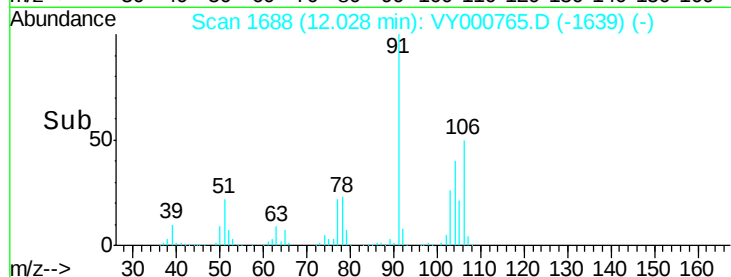
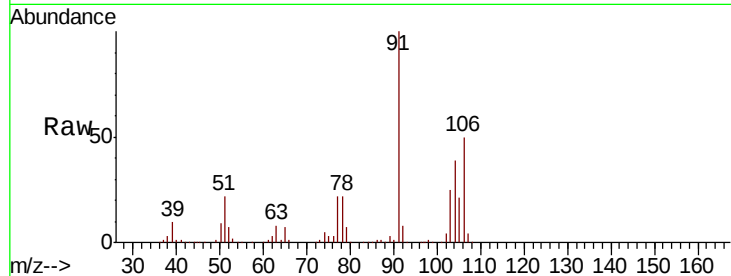
#69
o-Xylene
Concen: 20.326 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion:106 Resp: 146806
Ion Ratio Lower Upper
106 100
91 208.3 106.5 319.6

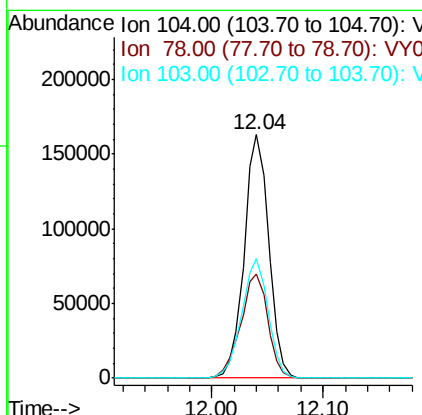
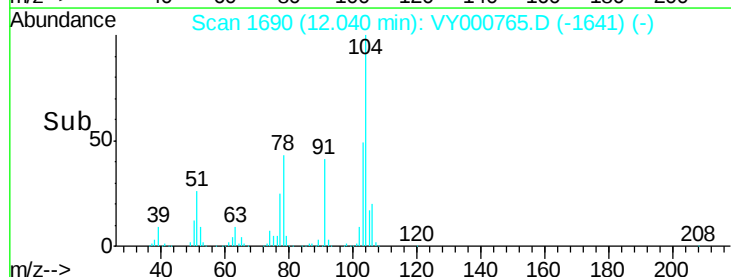
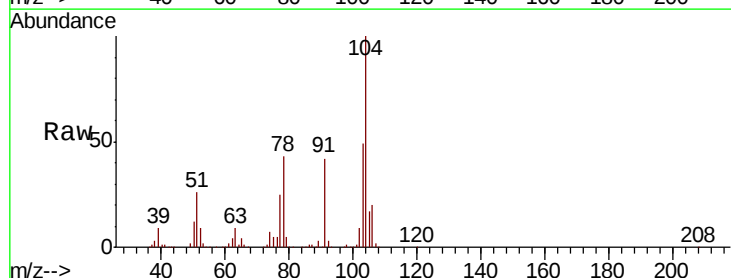
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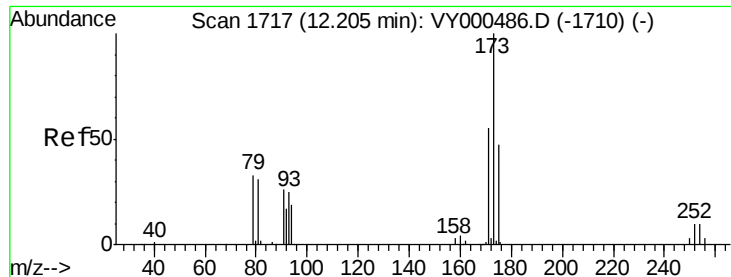
MMDadoda
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#70
Styrene
Concen: 20.187 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion:104 Resp: 249666
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.4
103 52.7 42.5 63.7





#71

Bromoform

Concen: 18.890 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion:173 Resp: 40653

Ion Ratio Lower Upper

173 100

175 51.0 24.4 73.2

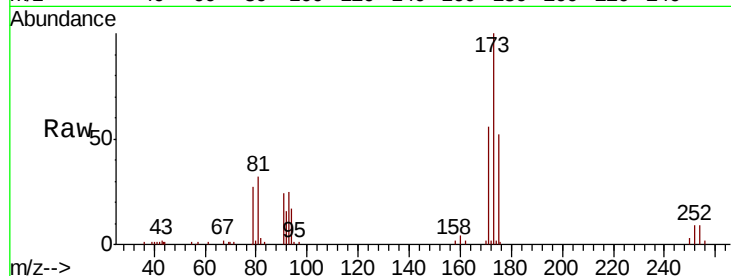
254 0.0 0.1 0.1#

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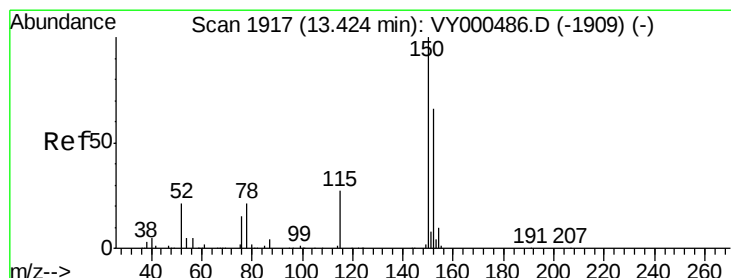
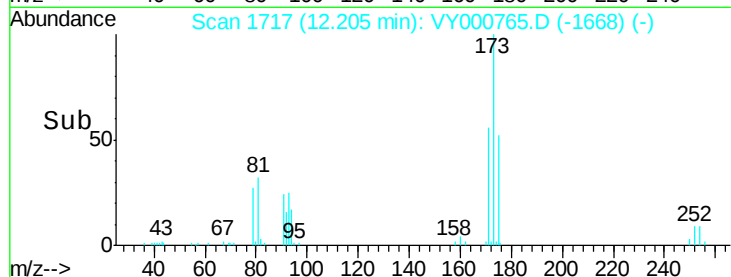
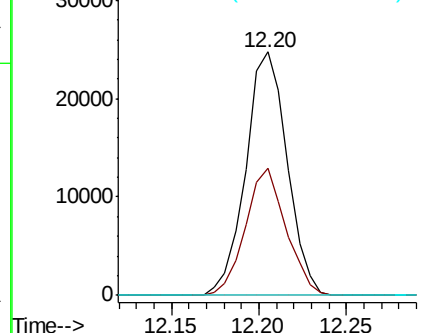
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

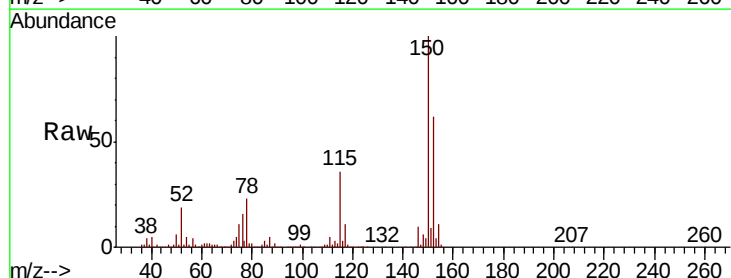
Tgt Ion:152 Resp: 250322

Ion Ratio Lower Upper

152 100

115 61.3 29.1 87.4

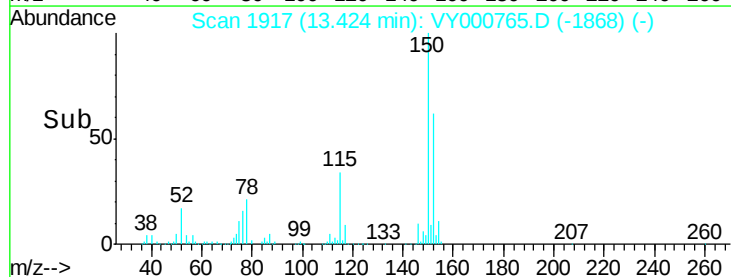
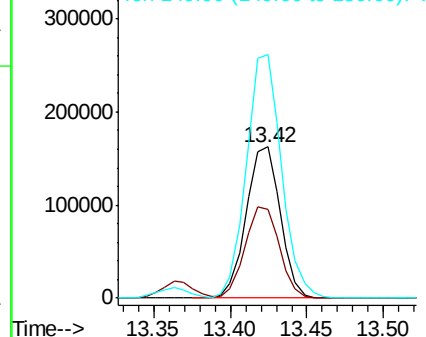
150 166.5 0.0 348.8

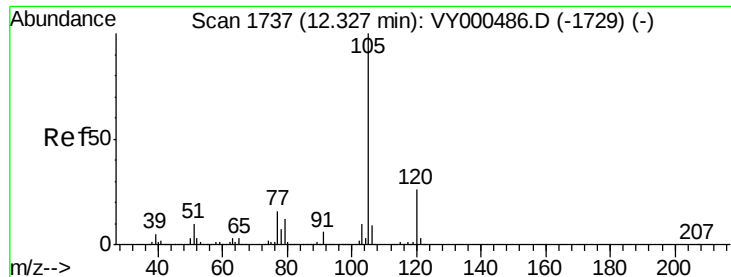


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





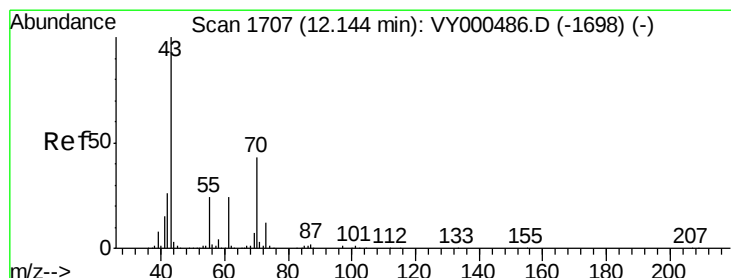
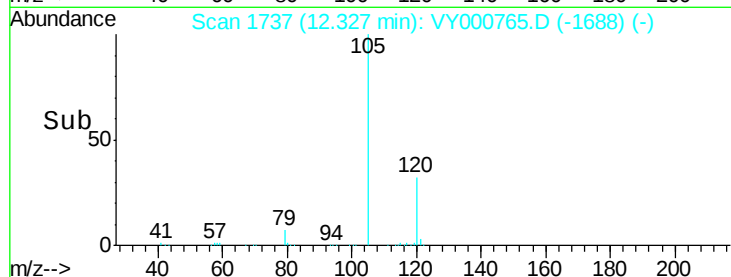
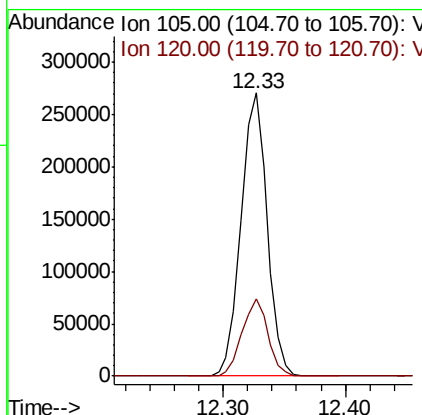
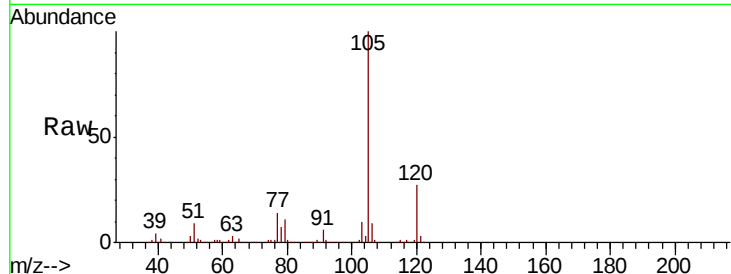
#73
Isopropylbenzene
Concen: 21.526 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4

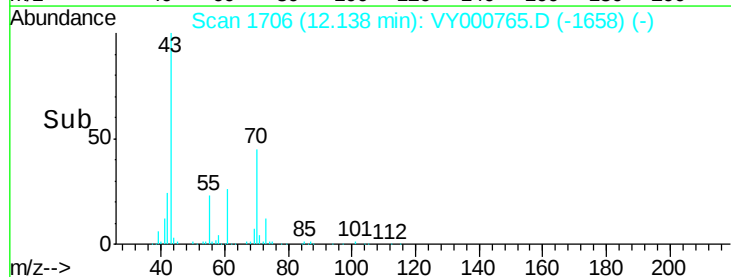
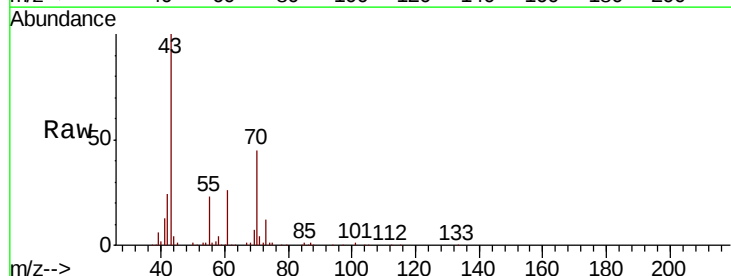
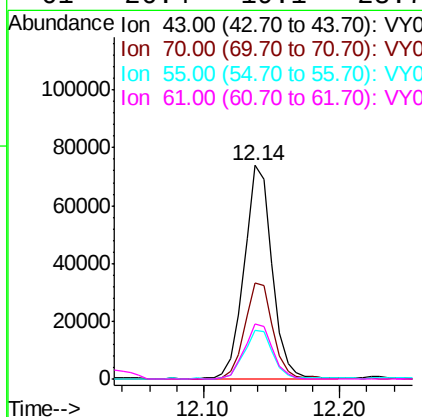
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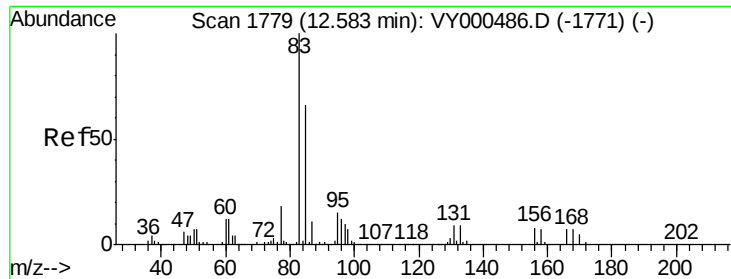
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#74
N-ethyl acetate
Concen: 19.894 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.6	33.1	49.7
55	22.8	18.0	27.0
61	26.4	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.656 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

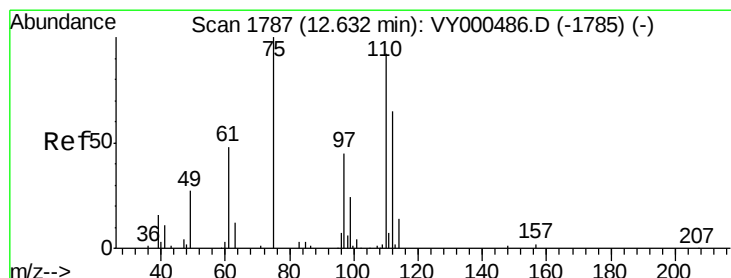
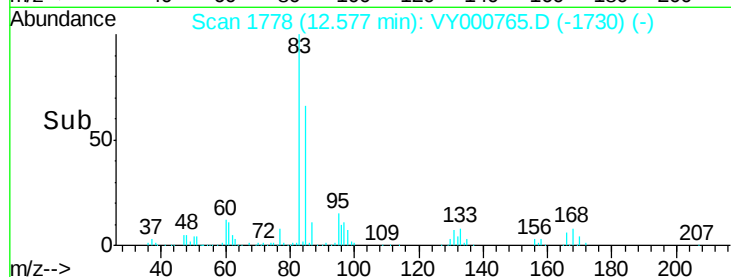
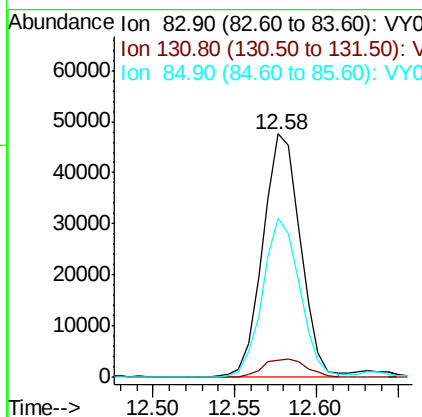
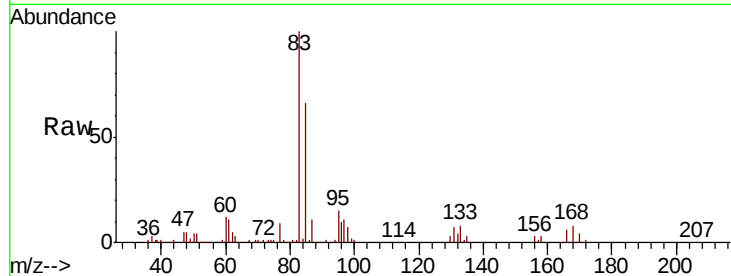
ClientSampleId :

VY1121SBS01

Tot Ion:	83	Resp:	75668
Ion Ratio	Lower	Upper	
83	100		
131	8.9	5.0	14.9
85	65.1	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 18.739 ug/l m

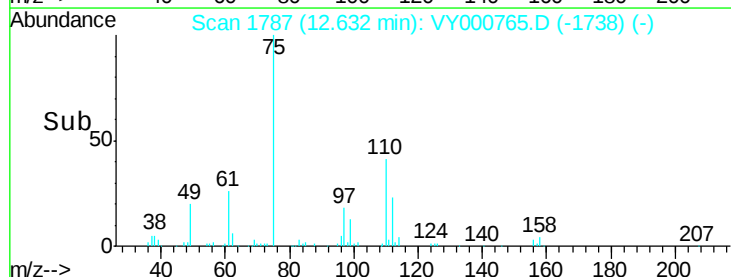
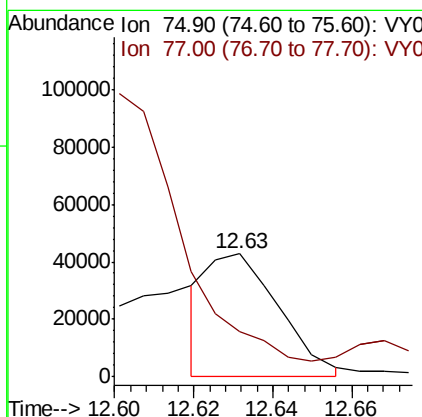
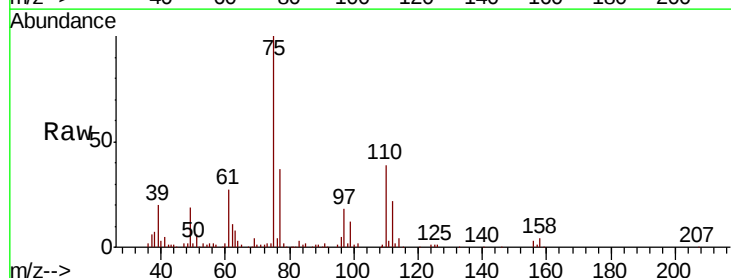
RT: 12.63 min Scan# 1787

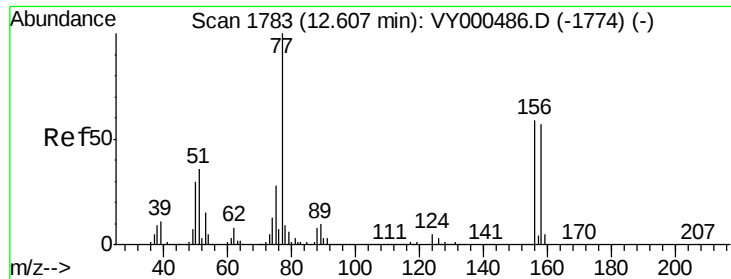
Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion:	75	Resp:	53412
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.195 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBSD01

Tot Ion:156 Resp: 88921

Ion Ratio Lower Upper

156 100

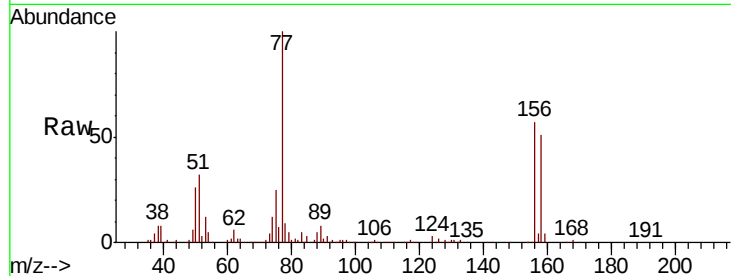
77 202.7 98.2 294.4

158 94.6 49.6 149.0

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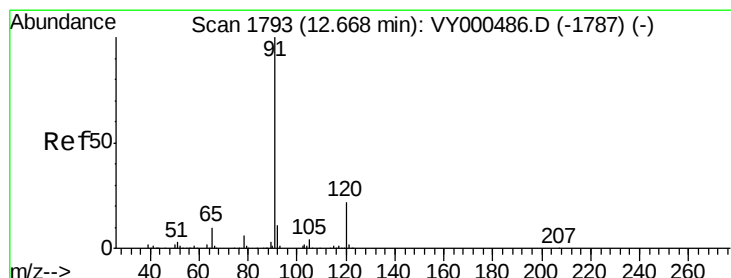
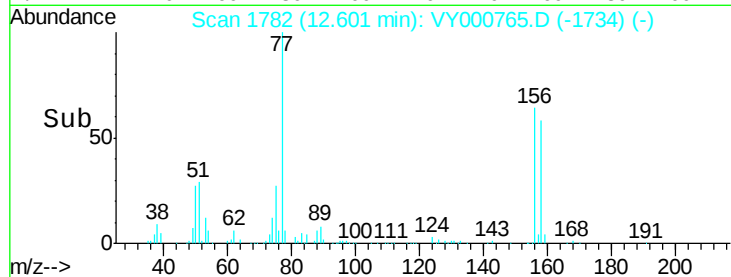
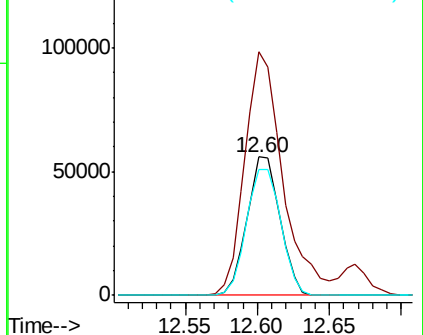
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.008 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000765.D

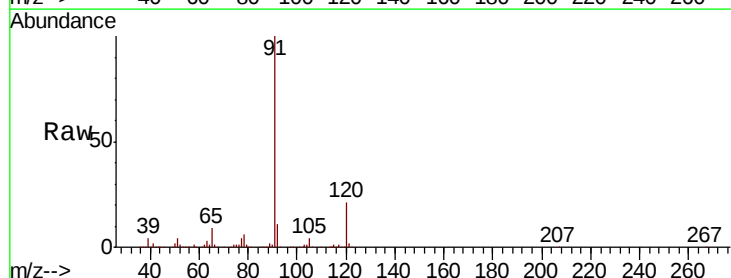
Acq: 21 Nov 2019 14:14

Tgt Ion: 91 Resp: 491267

Ion Ratio Lower Upper

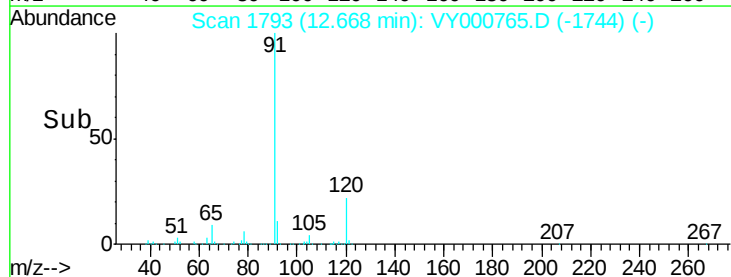
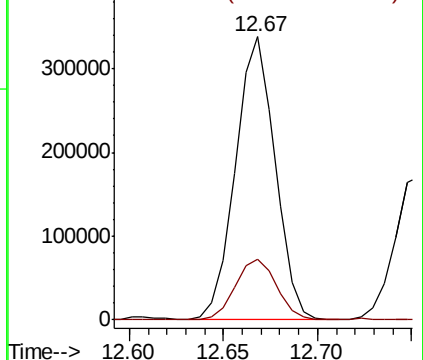
91 100

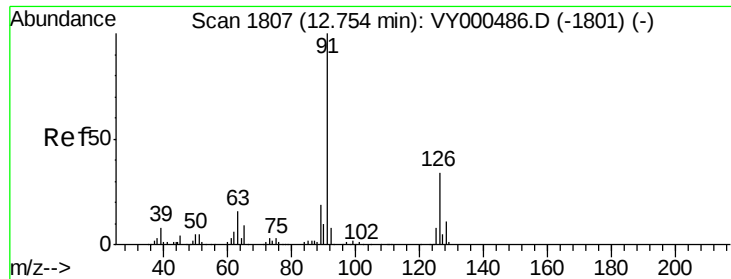
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





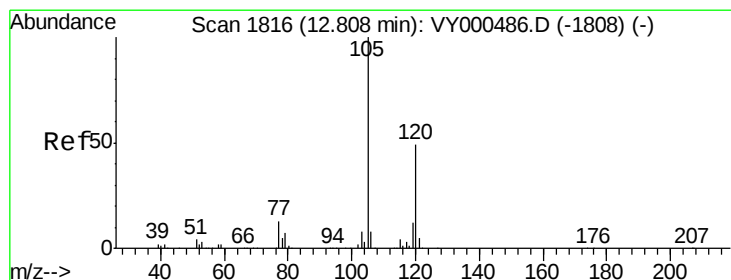
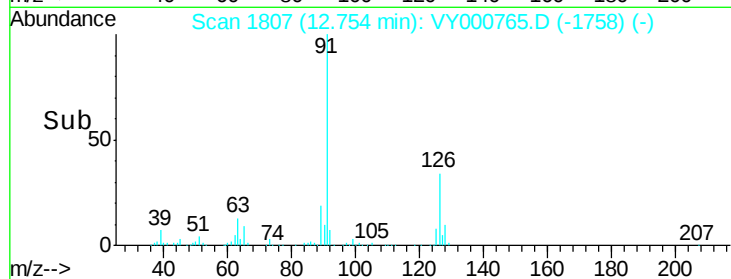
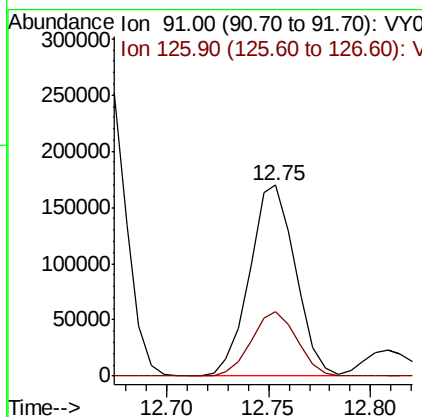
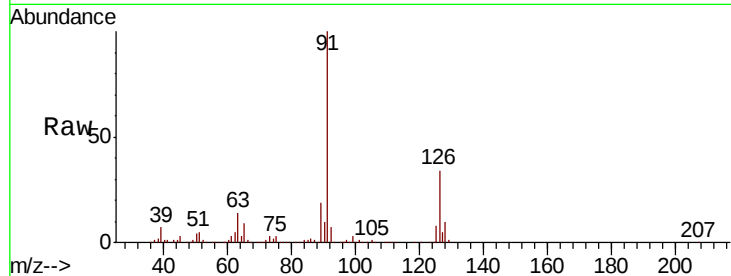
#79
 2-Chlorotoluene
 Concen: 21.449 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion: 91 Resp: 265810
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.7 53.1

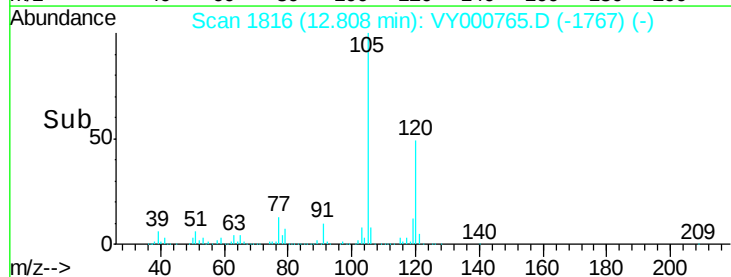
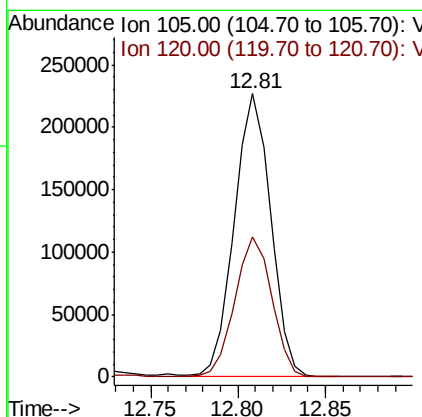
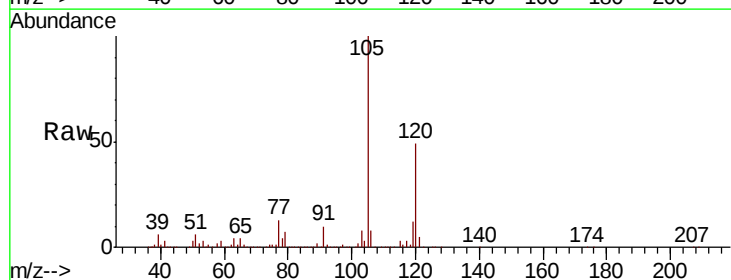
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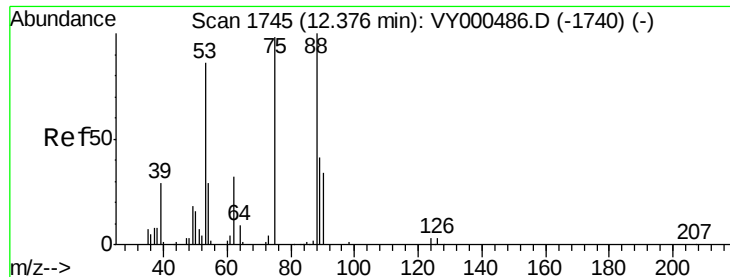
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.445 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 105 Resp: 330437
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.051 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBS01

Tot Ion: 75 Resp: 28032

Ion Ratio Lower Upper

75 100

53 88.0 73.2 109.8

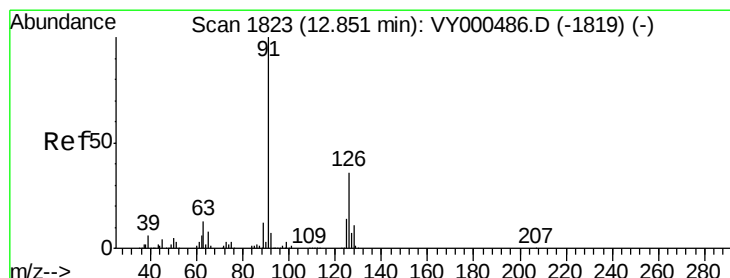
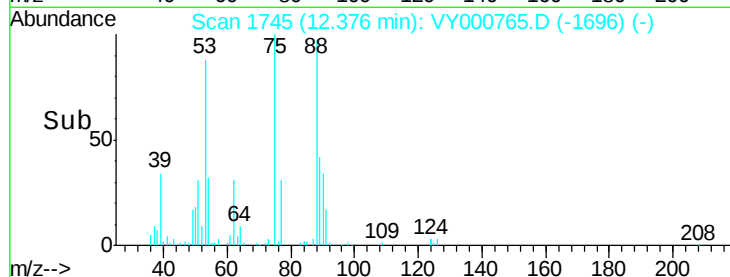
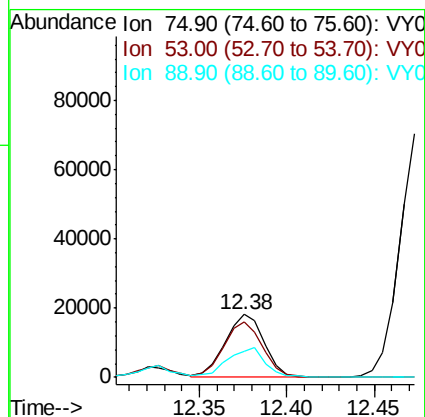
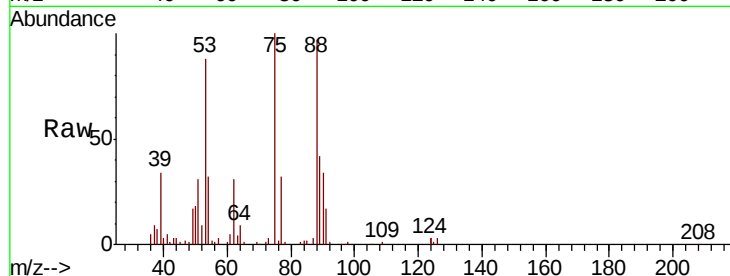
89 46.3 35.9 53.9

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#82

4-Chlorotoluene

Concen: 21.443 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000765.D

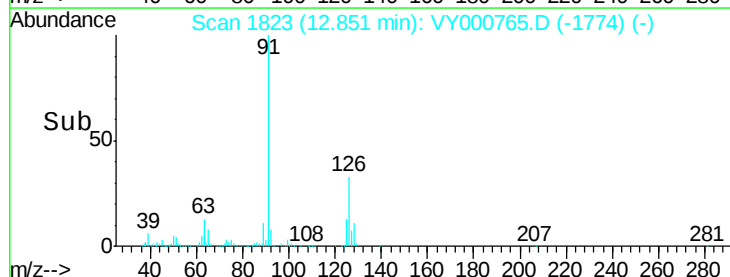
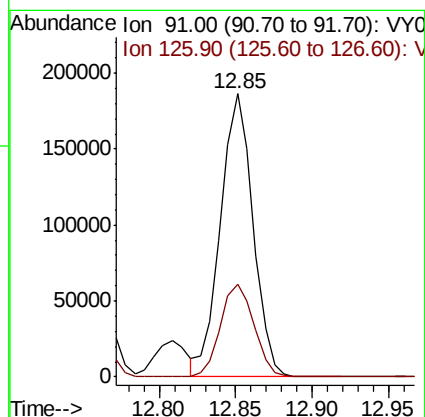
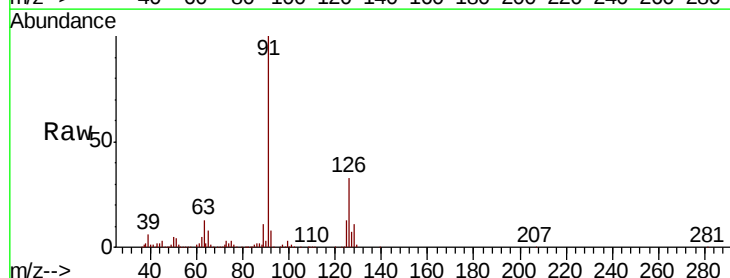
Acq: 21 Nov 2019 14:14

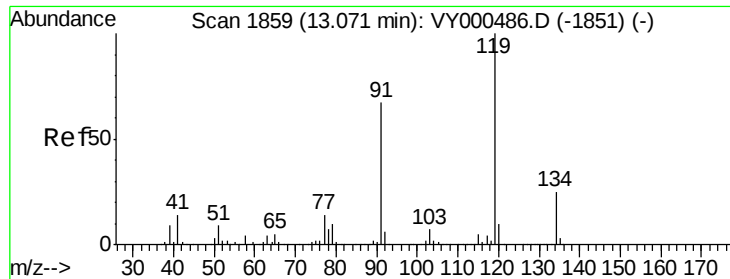
Tgt Ion: 91 Resp: 275452

Ion Ratio Lower Upper

91 100

126 34.0 17.6 52.9





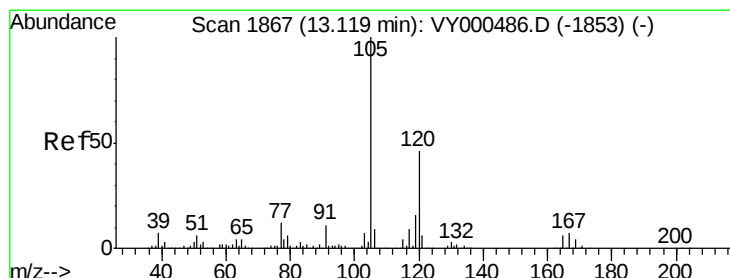
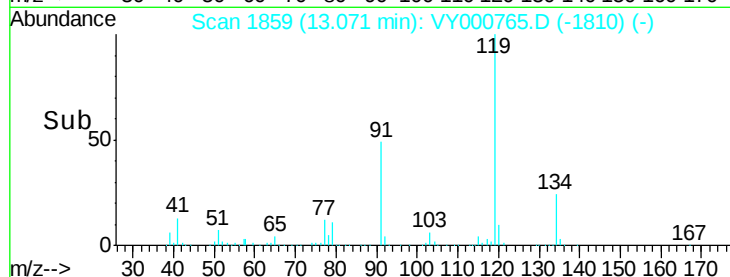
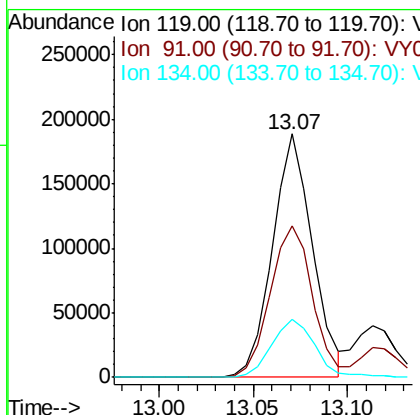
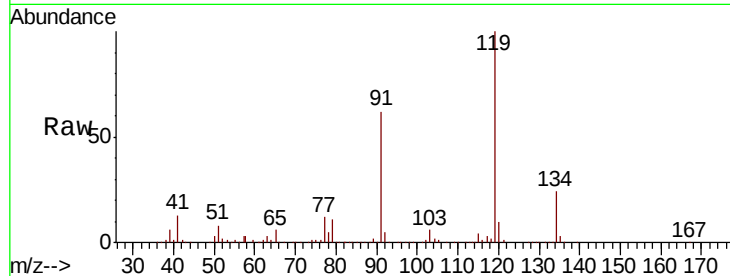
#83
tert-Butylbenzene
Concen: 21.037 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		276761		
91	66.6	32.1	96.3		
134	26.2	13.2	39.5		

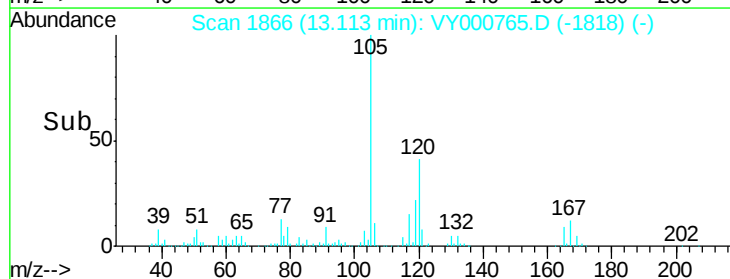
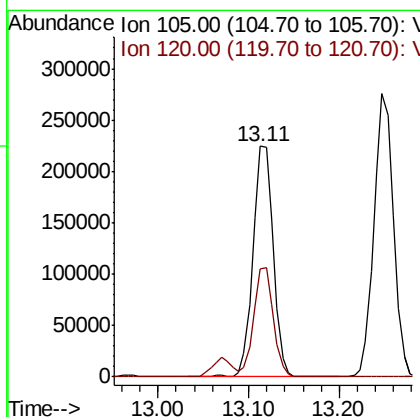
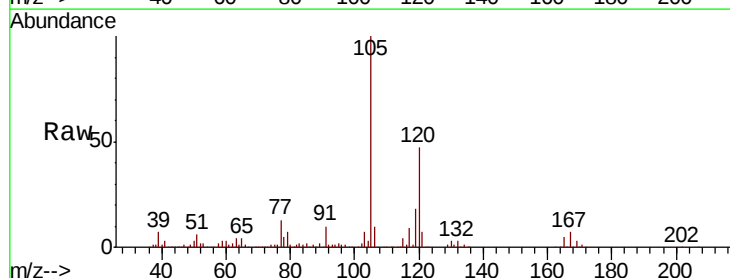
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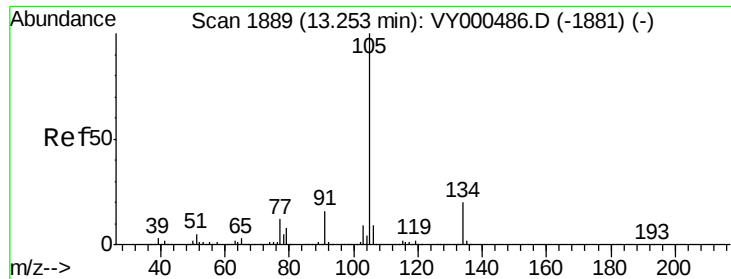
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#84
1,2,4-Trimethylbenzene
Concen: 22.649 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		347466		
120	45.6	23.3	69.9		





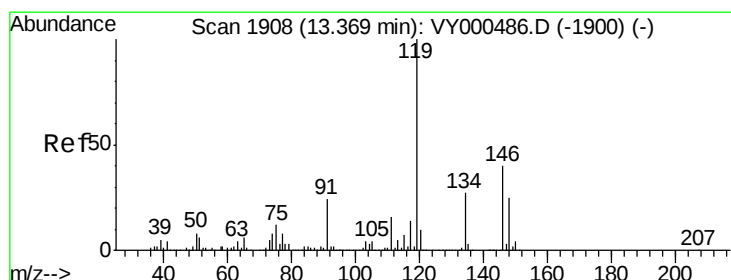
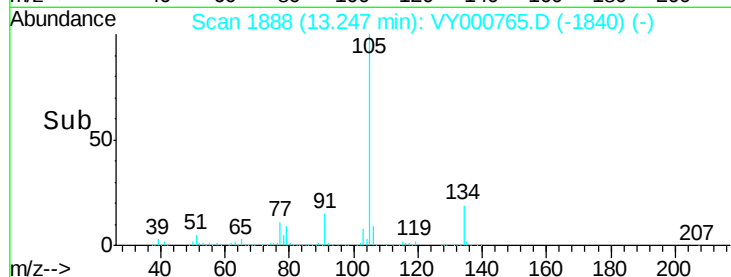
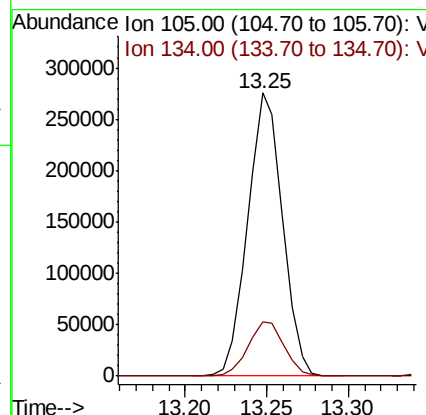
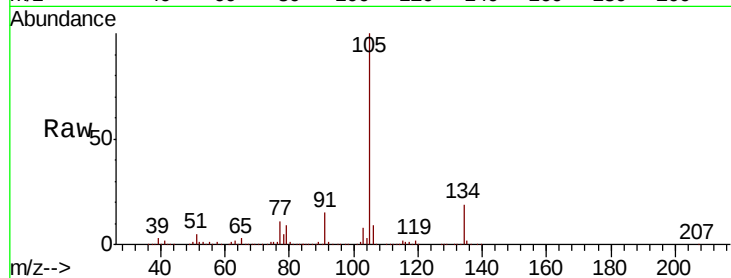
#85
 sec-Butylbenzene
 Concen: 21.846 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1

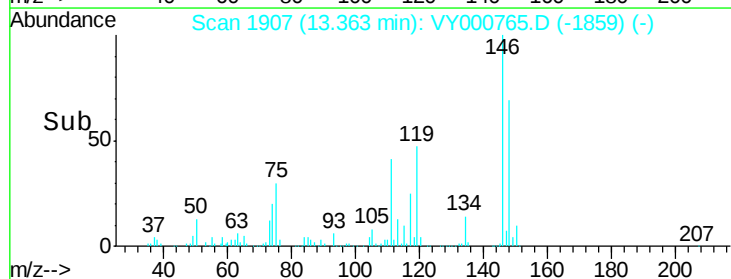
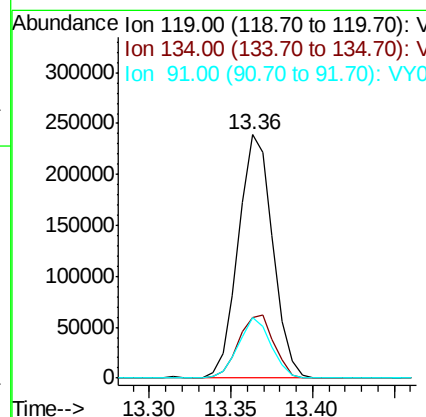
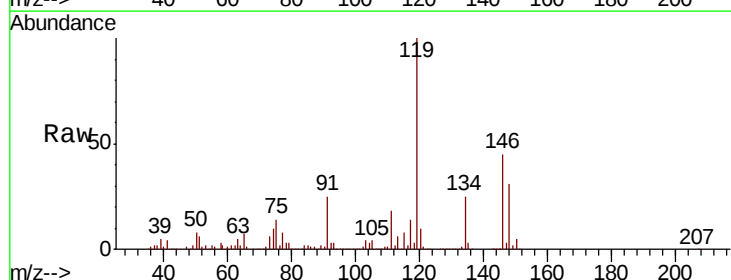
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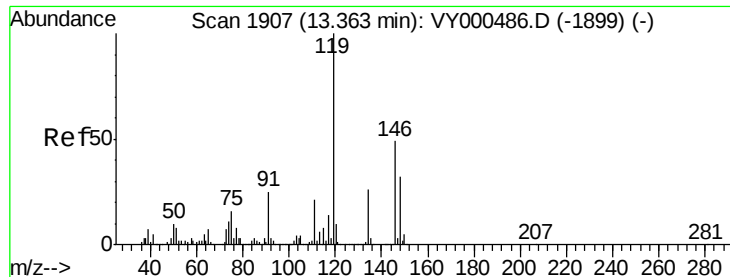
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#86
 p-Isopropyltoluene
 Concen: 20.999 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.6	40.8
91	23.6	12.0	36.1





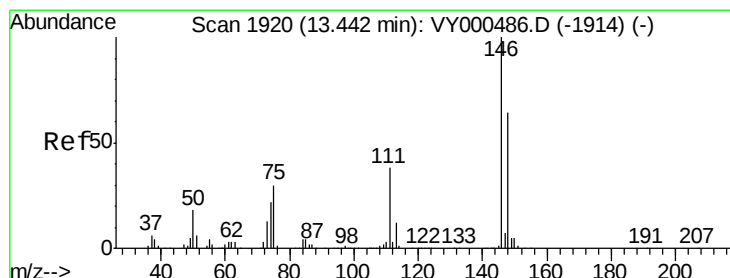
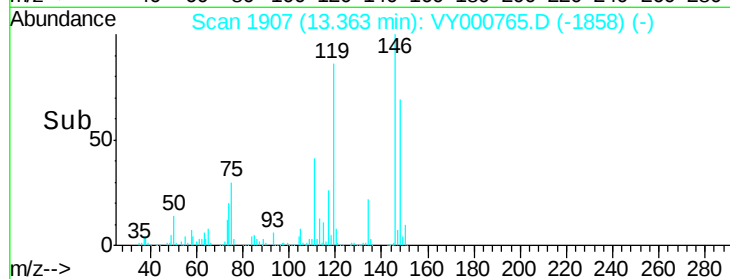
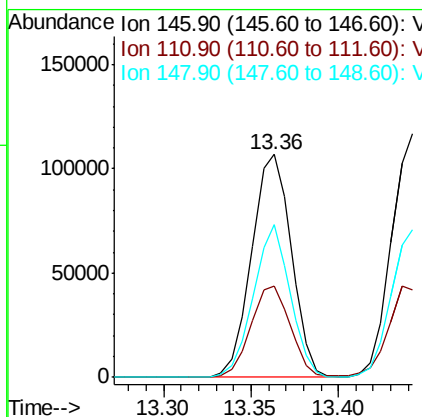
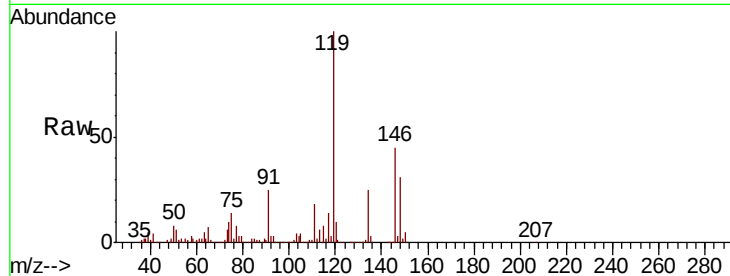
#87
 1,3-Dichlorobenzene
 Concen: 20.536 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.5	31.5	94.5

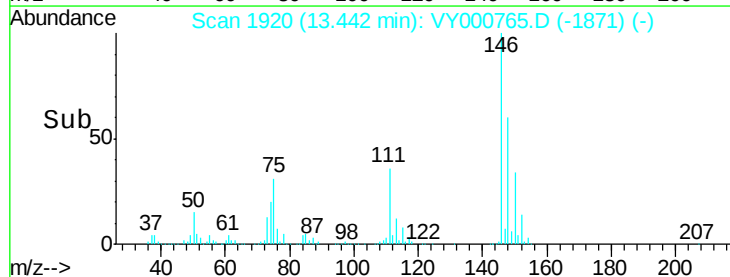
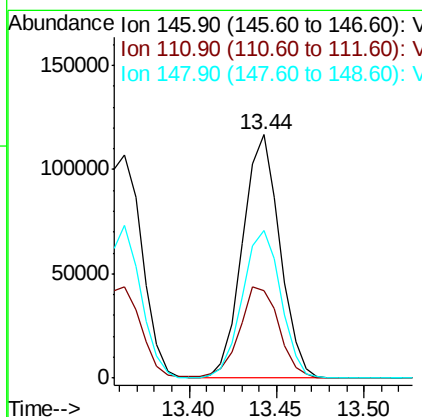
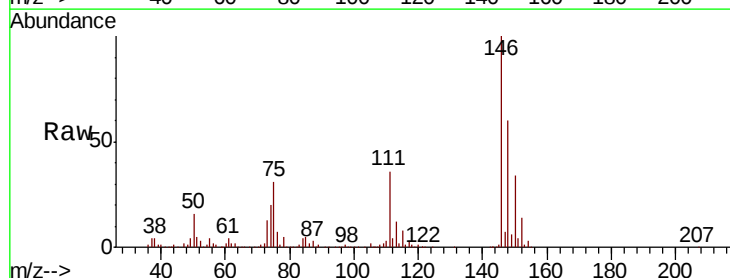
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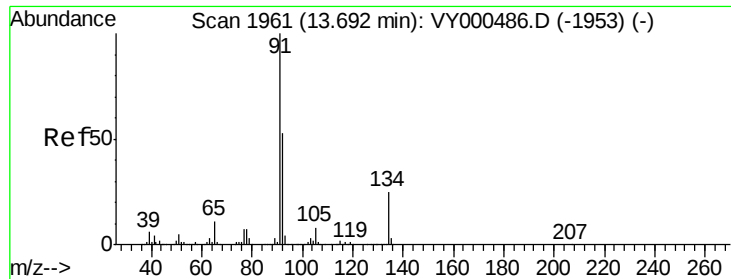
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#88
 1,4-Dichlorobenzene
 Concen: 21.099 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.0
148	62.6	31.9	95.7





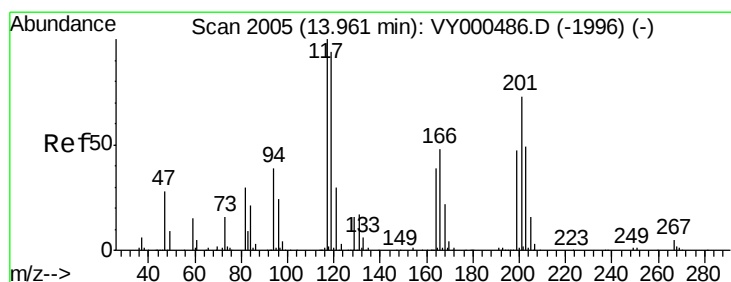
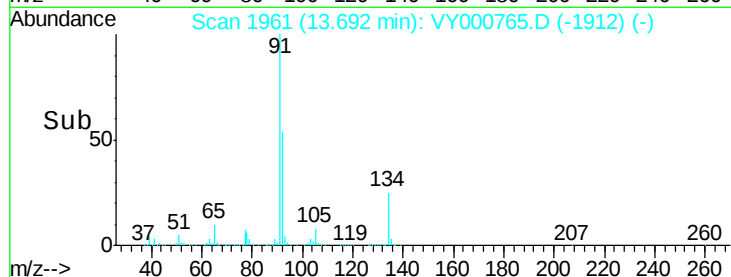
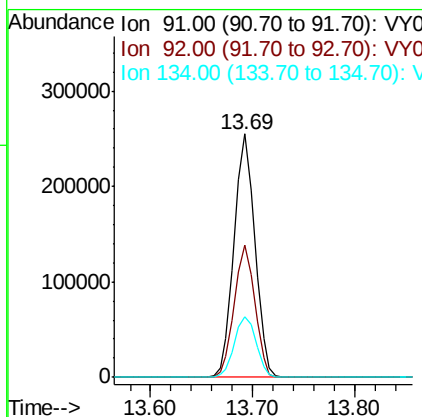
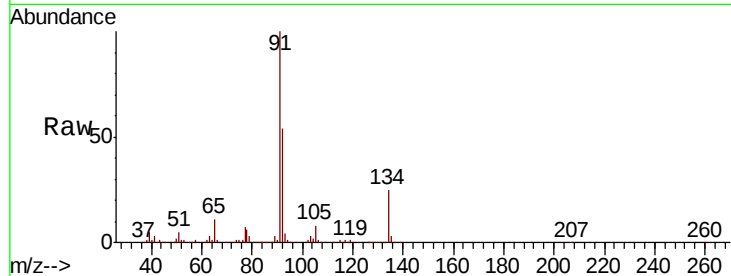
#89
n-Butylbenzene
Concen: 21.846 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.3
134	26.3	12.9	38.7

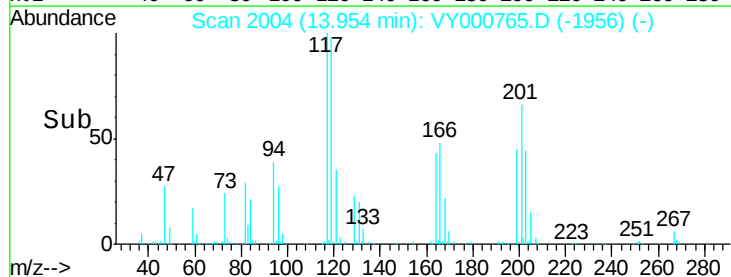
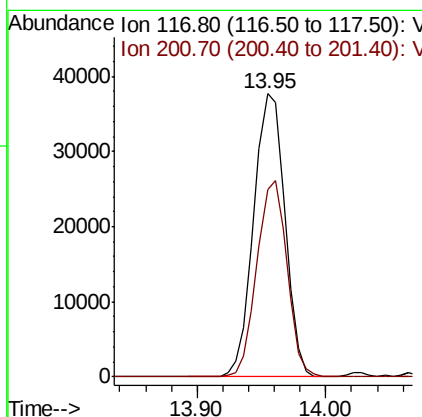
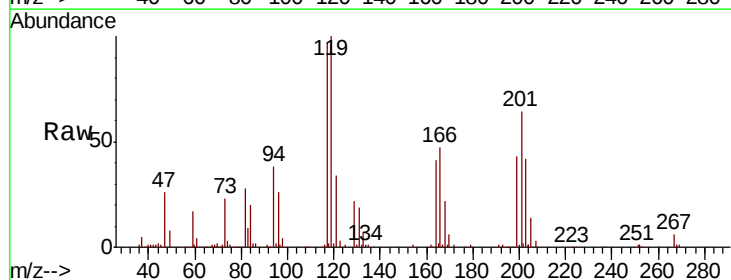
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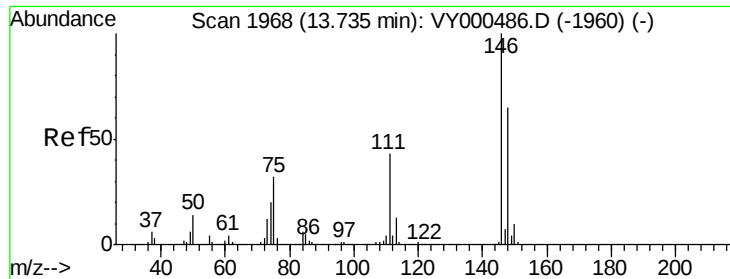
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#90
Hexachloroethane
Concen: 20.474 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	35.8	107.3





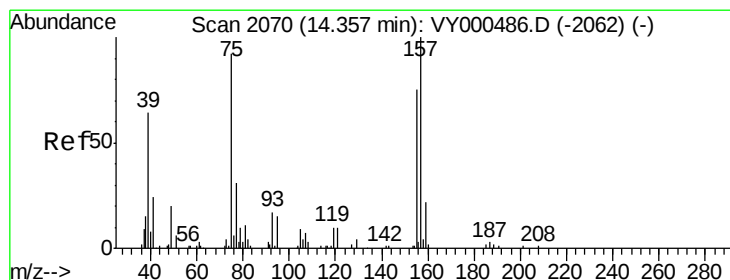
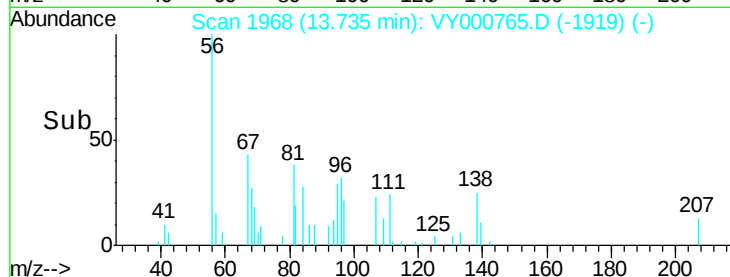
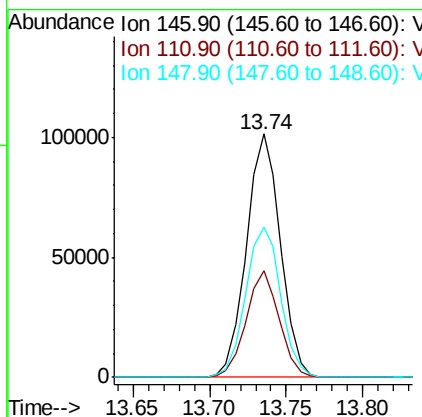
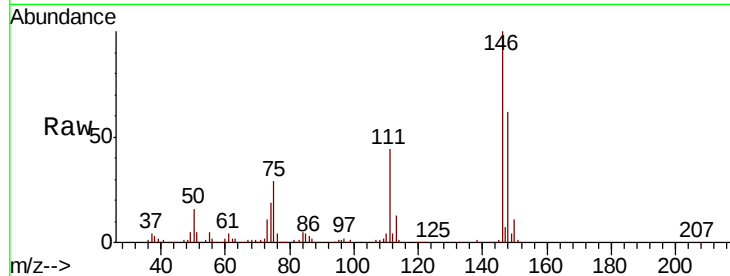
#91
 1,2-Dichlorobenzene
 Concen: 20.961 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.5	61.5
148	63.6	31.7	95.1

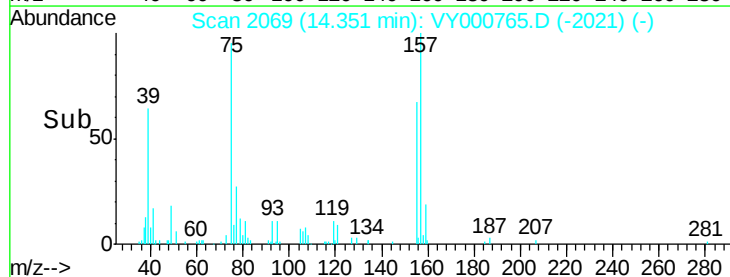
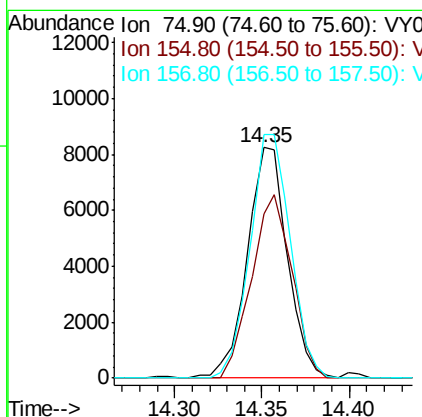
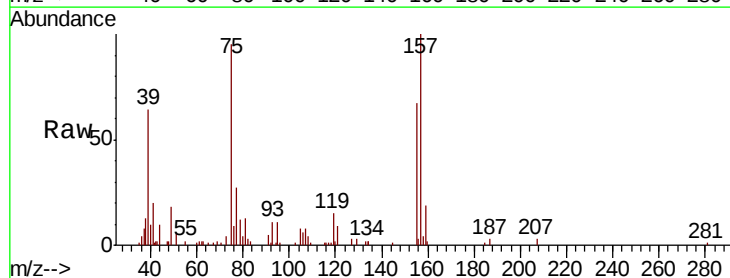
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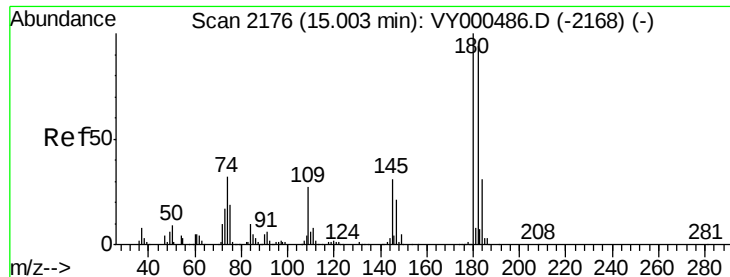
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.321 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	42.4	127.1
157	106.3	55.1	165.3





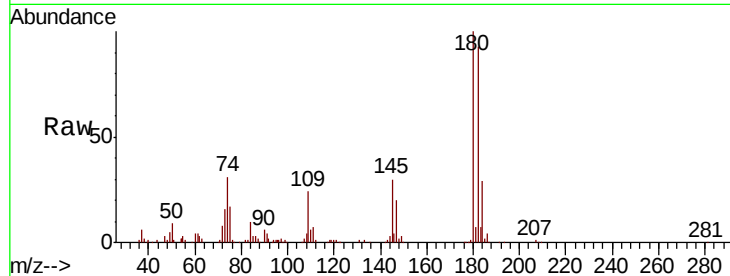
#93
 1,2,4-Trichlorobenzene
 Concen: 20.920 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106206		
182	95.0		47.8	143.4
145	31.8		16.0	47.9

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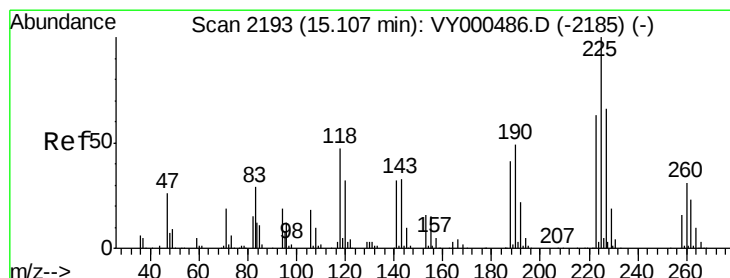
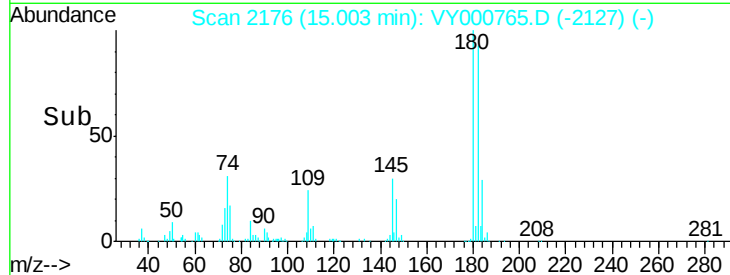
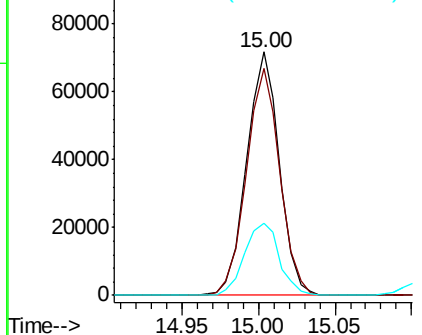


Abundance

Ion 179.80 (179.50 to 180.50): V

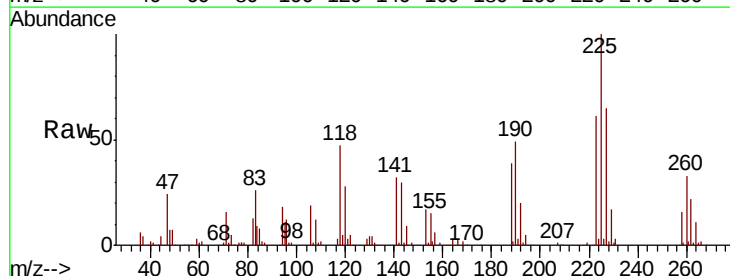
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.693 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54153		
223	64.0		31.3	93.8
227	63.7		32.4	97.0

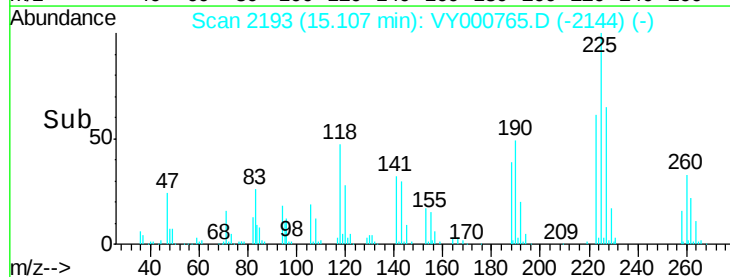
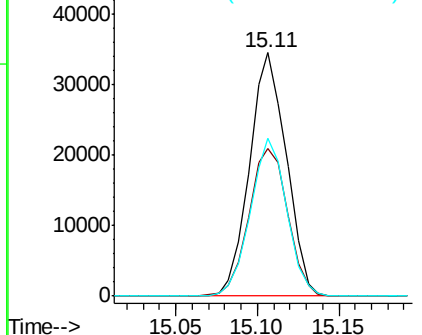


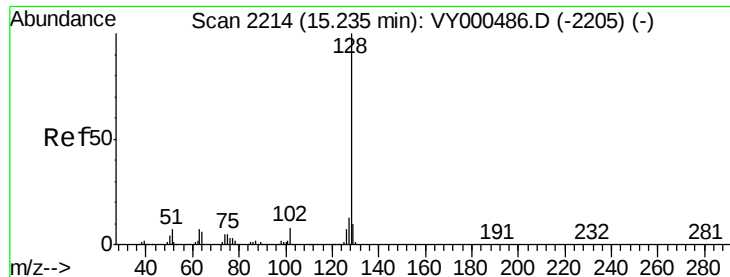
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





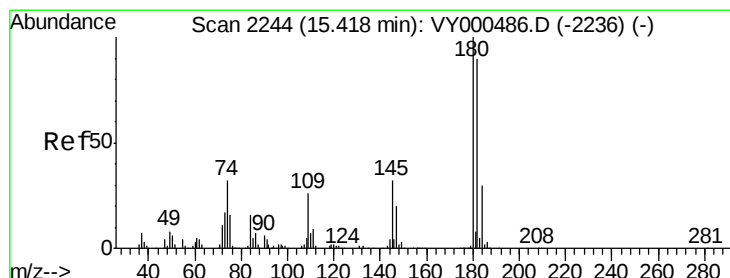
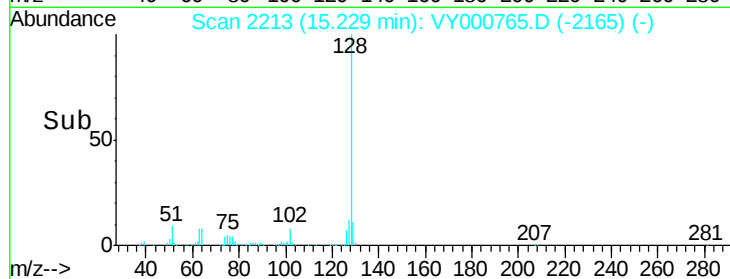
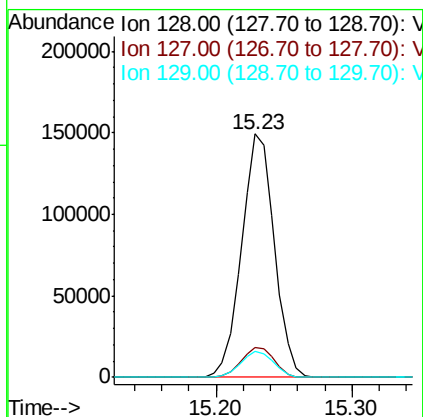
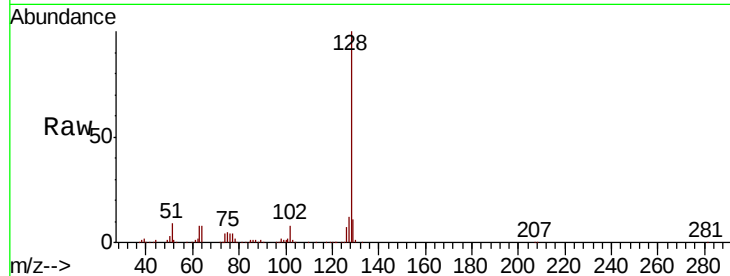
#95
Naphthalene
Concen: 22.219 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	250399		
127	12.6		9.8	14.6
129	10.7		8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	95153		
182	95.1		47.4	142.3
145	31.3		15.7	47.0

