

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111919\
 Data File : VY000740.D
 Acq On : 19 Nov 2019 13:02
 Operator : SY/MD
 Sample : VY1119SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:57:27 AM

Quant Time: Nov 19 15:45:21 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	221144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	376237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	332612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122111	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.73	113	106413	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.18	98	428001	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	153230	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	40344	18.533	ug/l	97
3) Chloromethane	2.12	50	57191	19.071	ug/l	99
4) Vinyl Chloride	2.25	62	53834	19.331	ug/l	96
5) Bromomethane	2.63	94	39020	23.366	ug/l	92
6) Chloroethane	2.79	64	35579	20.414	ug/l	96
7) Trichlorofluoromethane	3.13	101	76450	20.328	ug/l	89
8) Diethyl Ether	3.53	74	27836	20.831	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	45705	20.102	ug/l	99
10) Methyl Iodide	4.09	142	51304	19.245	ug/l	99
11) Tert butyl alcohol	4.97	59	23508	105.523	ug/l #	89
12) 1,1-Dichloroethene	3.87	96	44508	20.149	ug/l	90
13) Acrolein	3.73	56	14653	75.511	ug/l	99
14) Allyl chloride	4.49	41	76988	21.434	ug/l	99
15) Acrylonitrile	5.17	53	75210	109.868	ug/l	99
16) Acetone	3.96	43	55801	88.467	ug/l	98
17) Carbon Disulfide	4.19	76	131897	18.931	ug/l	99
18) Methyl Acetate	4.48	43	43999	22.435	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	128456	20.915	ug/l	99
20) Methylene Chloride	4.72	84	53909	19.946	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	50234	20.115	ug/l	97
22) Diisopropyl ether	6.13	45	171732	21.997	ug/l	95
23) Vinyl Acetate	6.07	43	533941	108.341	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89003	21.043	ug/l	97
25) 2-Butanone	7.00	43	103620	102.937	ug/l	90
26) 2,2-Dichloropropane	6.99	77	77572	20.069	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	56519	20.697	ug/l	97
28) Bromochloromethane	7.34	49	22419	14.764	ug/l	92
29) Tetrahydrofuran	7.35	42	68539	111.296	ug/l	98
30) Chloroform	7.52	83	93311	21.809	ug/l	97
31) Cyclohexane	7.79	56	87985	19.862	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	79188	20.767	ug/l	98
36) 1,1-Dichloropropene	7.93	75	71379	20.069	ug/l	98
37) Ethyl Acetate	7.08	43	43746	20.716	ug/l	98
38) Carbon Tetrachloride	7.91	117	67950	19.854	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	88648	19.292	ug/l	95
40) Benzene	8.17	78	210734	20.209	ug/l	100
41) Methacrylonitrile	7.33	41	30666m	26.032	ug/l	
42) 1,2-Dichloroethane	8.24	62	62045	20.979	ug/l	99
43) Isopropyl Acetate	8.28	43	83529	21.057	ug/l	98
44) Trichloroethene	8.94	130	56621	20.594	ug/l	97
45) 1,2-Dichloropropane	9.22	63	53315	20.774	ug/l	94
46) Dibromomethane	9.31	93	29193	20.683	ug/l	99
47) Bromodichloromethane	9.50	83	69087	20.629	ug/l	99
48) Methyl methacrylate	9.30	41	36916	21.300	ug/l	95
49) 1,4-Dioxane	9.30	88	8685	457.205	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	225061	106.713	ug/l	98
52) Toluene	10.25	92	134674	20.428	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	73404	20.513	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	84671	20.654	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	42683	20.908	ug/l #	94
56) Ethyl methacrylate	10.51	69	60468	20.898	ug/l	98
57) 1,3-Dichloropropane	10.79	76	75625	21.166	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	130772	99.971	ug/l	98
59) 2-Hexanone	10.83	43	156363	101.757	ug/l	99
60) Dibromochloromethane	10.99	129	48264	20.640	ug/l	96
61) 1,2-Dibromoethane	11.09	107	41293	21.037	ug/l	98
64) Tetrachloroethene	10.72	164	57976	21.080	ug/l	92
65) Chlorobenzene	11.52	112	137780	20.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	49938	21.352	ug/l	98
67) Ethyl Benzene	11.59	91	260187	20.964	ug/l	97
68) m/p-Xylenes	11.70	106	196957	41.002	ug/l	98
69) o-Xylene	12.03	106	91920	20.361	ug/l	99
70) Styrene	12.04	104	159445	20.625	ug/l	99
71) Bromoform	12.20	173	26751	19.886	ug/l #	94
73) Isopropylbenzene	12.33	105	246522	19.668	ug/l	98
74) N-amyl acetate	12.14	43	75956	21.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	50354	20.290	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	36111m	18.701	ug/l	
77) Bromobenzene	12.61	156	57845	20.351	ug/l	97
78) n-propylbenzene	12.67	91	304136	20.110	ug/l	100
79) 2-Chlorotoluene	12.75	91	165750	19.742	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	209812	20.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	17744	20.603	ug/l	96
82) 4-Chlorotoluene	12.85	91	176348	20.263	ug/l	100
83) tert-Butylbenzene	13.07	119	178642	20.043	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	213229	20.515	ug/l	99
85) sec-Butylbenzene	13.25	105	257885	20.308	ug/l	99
86) p-Isopropyltoluene	13.37	119	226796	20.039	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	112623	20.230	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	112953	20.304	ug/l	99
89) n-Butylbenzene	13.69	91	224317	20.095	ug/l	98
90) Hexachloroethane	13.95	117	41514	19.841	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	101676	20.129	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8717	19.847	ug/l	98

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MSVOA_Y
ClientSampleId :
VY1119SBSD01

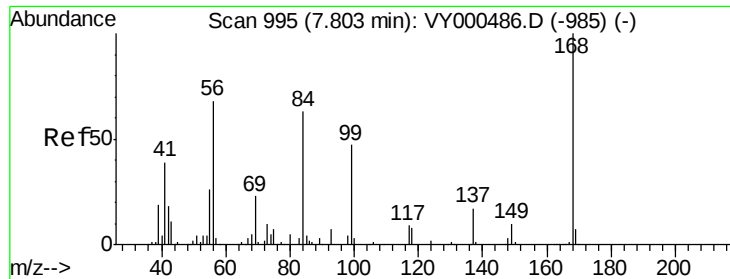
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70279	20.434	ug/l	98
94) Hexachlorobutadiene	15.11	225	36380	20.520	ug/l	98
95) Naphthalene	15.23	128	155907	20.420	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	63820	20.683	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion:168 Resp: 221144

Ion Ratio Lower Upper

168 100

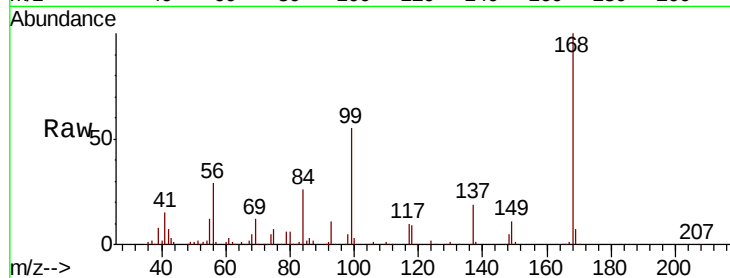
99 55.3 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000740.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000740.D (-946) (-)

7.80

100000

80000

60000

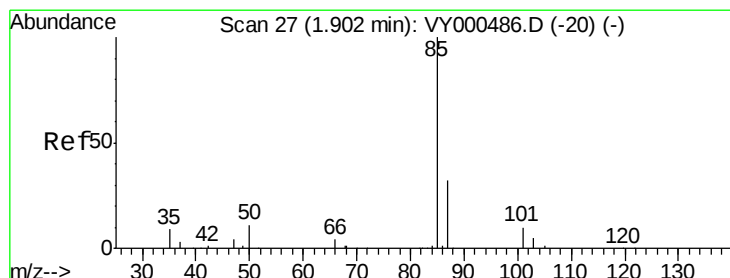
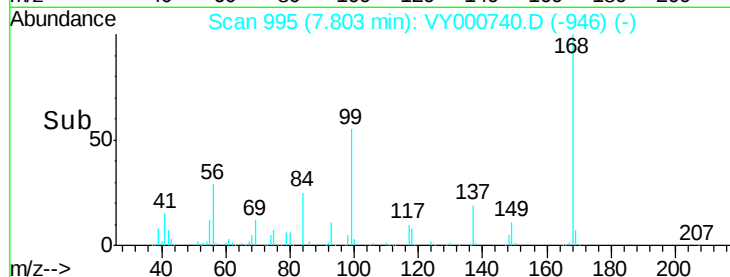
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.533 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000740.D

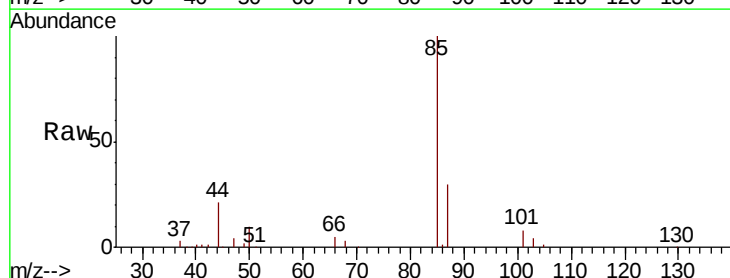
Acq: 19 Nov 2019 13:02

Tgt Ion: 85 Resp: 40344

Ion Ratio Lower Upper

85 100

87 30.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000740.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000740.D (-1) (-)

1.90

30000

25000

20000

15000

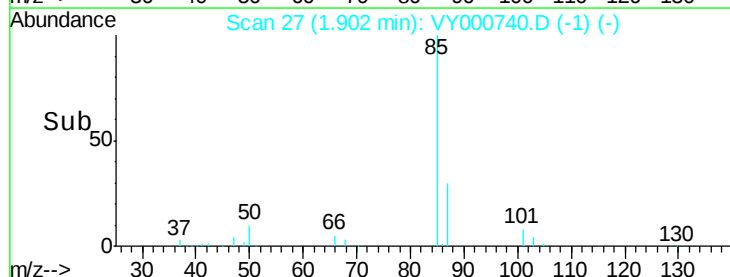
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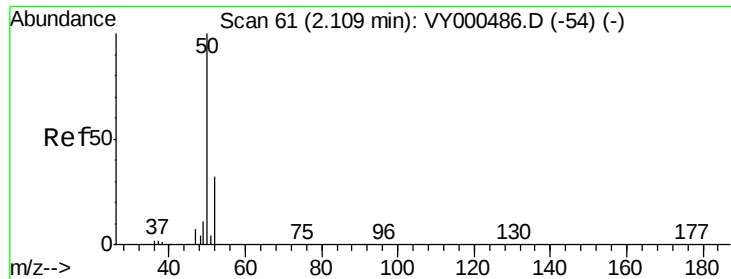
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.071 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 50 Resp: 57191

Ion Ratio Lower Upper

50 100

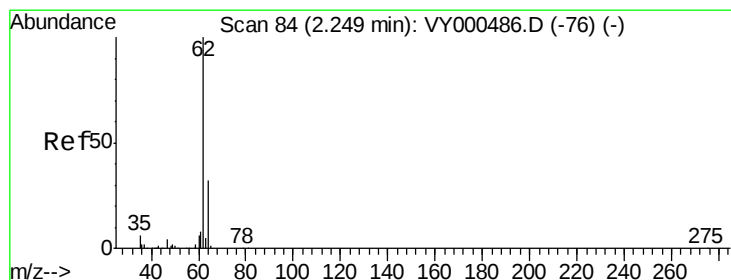
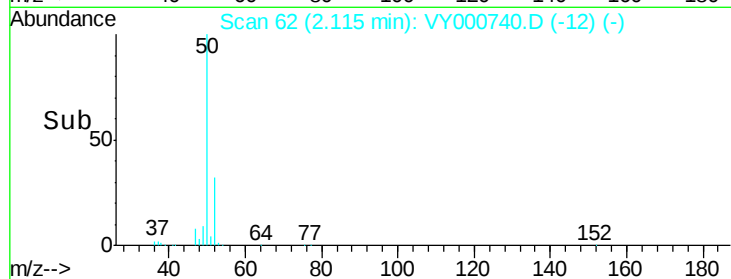
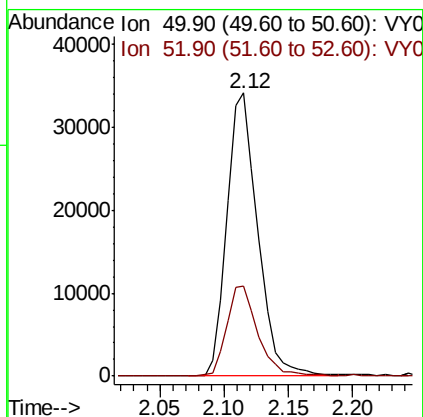
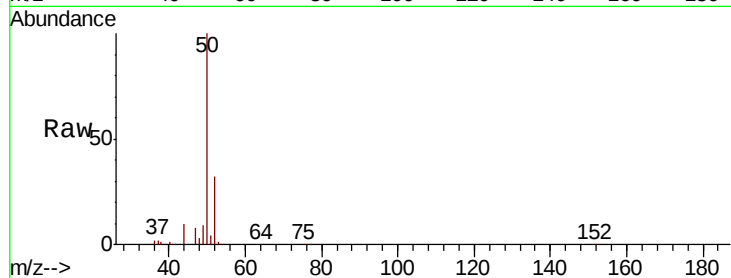
52 32.0 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.331 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000740.D

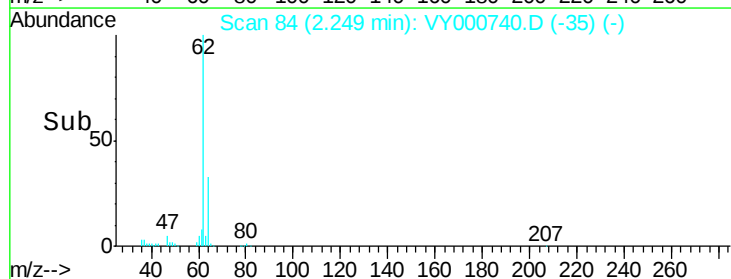
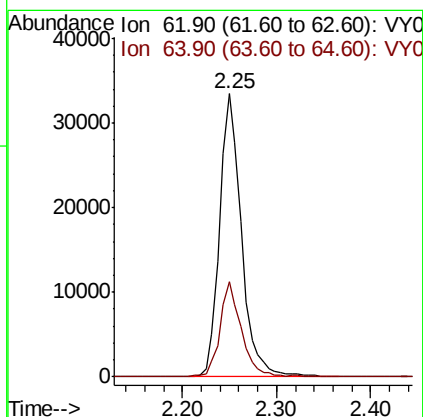
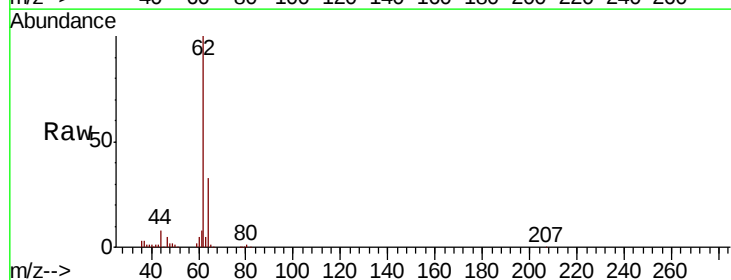
Acq: 19 Nov 2019 13:02

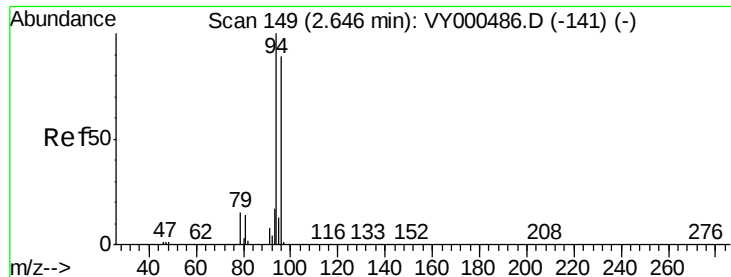
Tgt Ion: 62 Resp: 53834

Ion Ratio Lower Upper

62 100

64 33.5 25.2 37.8





#5

Bromomethane

Concen: 23.366 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 94 Resp: 39020

Ion Ratio Lower Upper

94 100

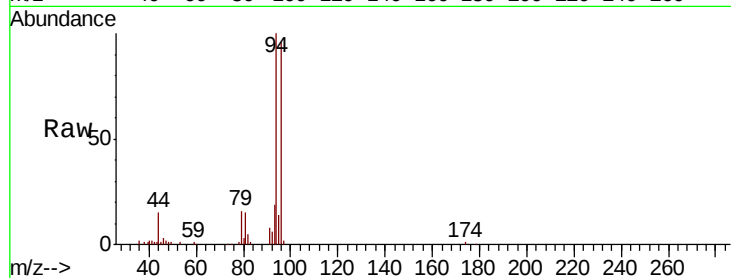
96 96.0 71.2 106.8

Manual Integrations

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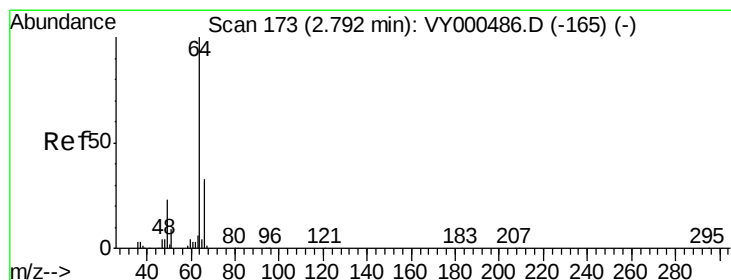
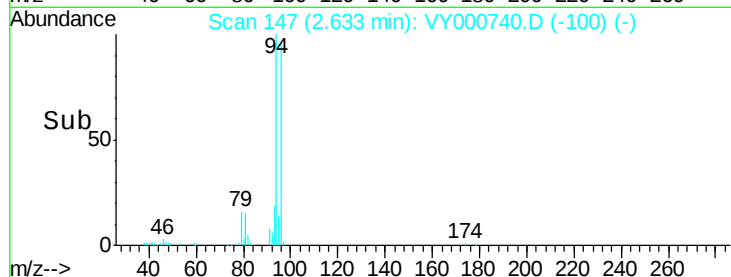
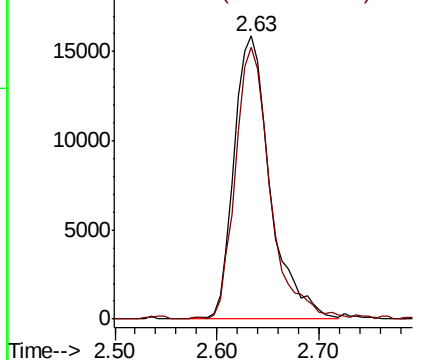
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.414 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000740.D

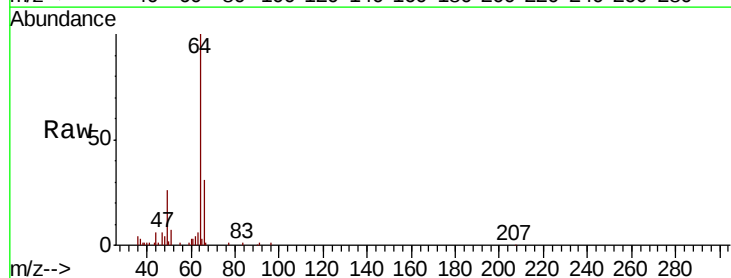
Acq: 19 Nov 2019 13:02

Tgt Ion: 64 Resp: 35579

Ion Ratio Lower Upper

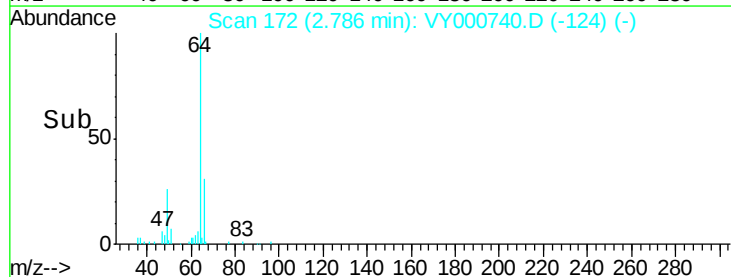
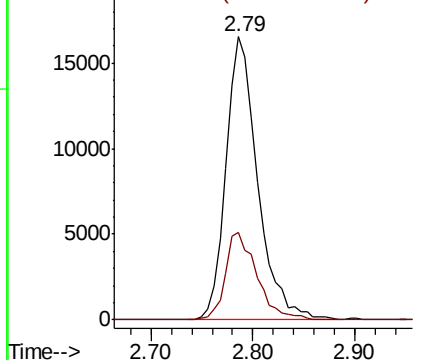
64 100

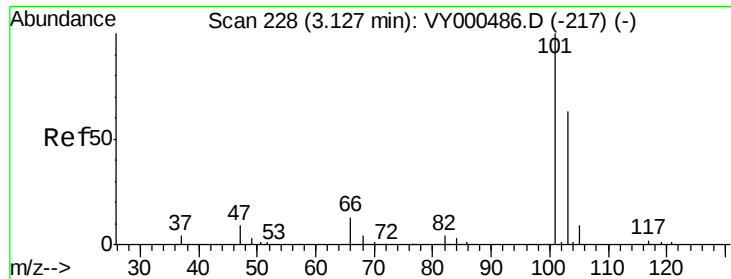
66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

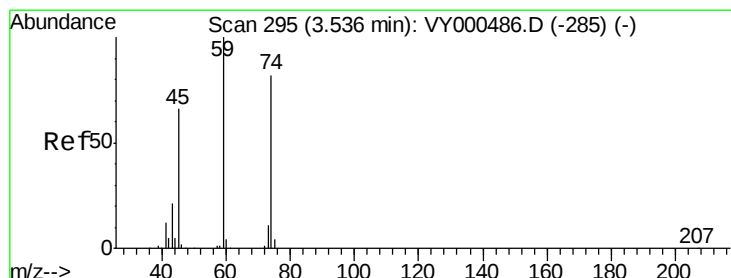
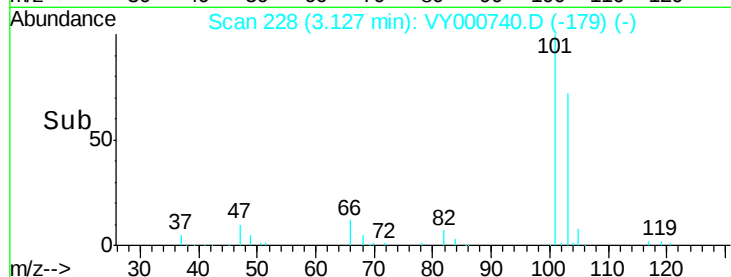
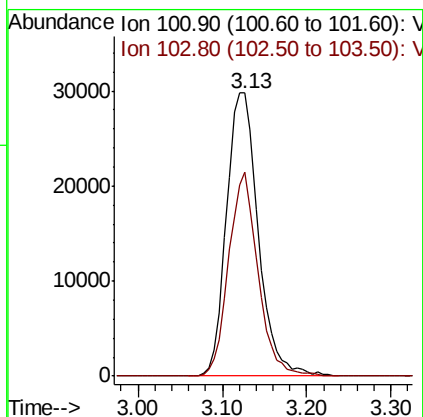
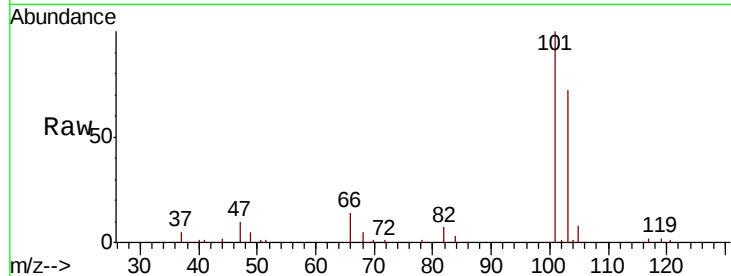
Trichlorofluoromethane
 Concen: 20.328 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	71.9	50.5	75.7

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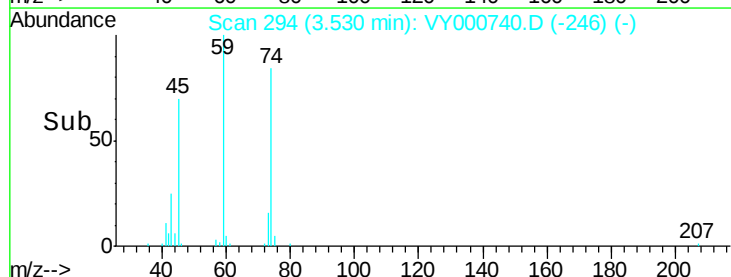
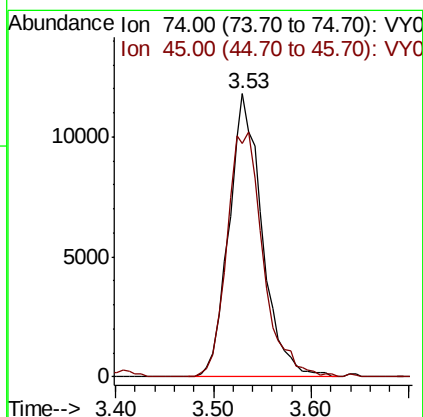
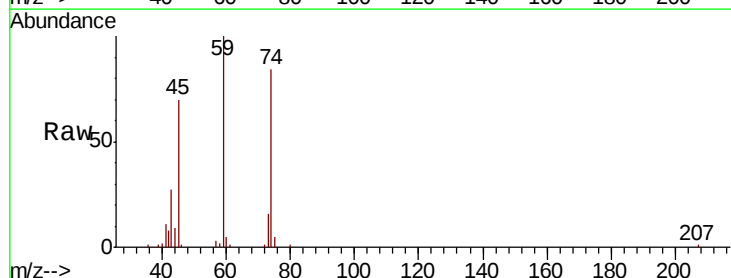
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 11/20/2019 9:57:27 AM



#8

Diethyl Ether
 Concen: 20.831 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	45.5	136.4





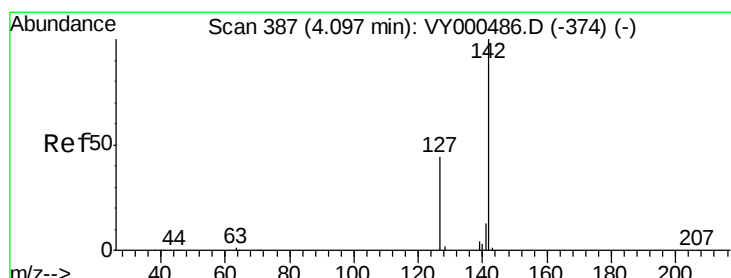
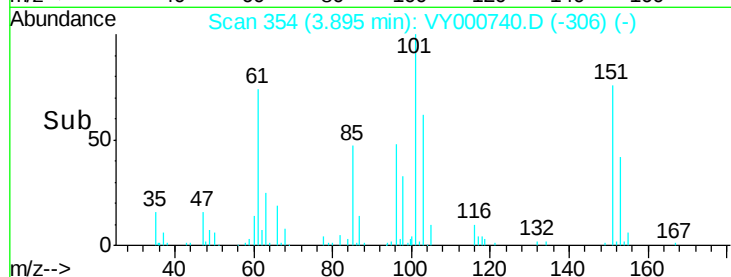
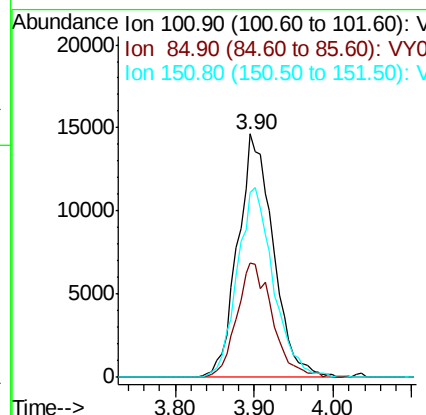
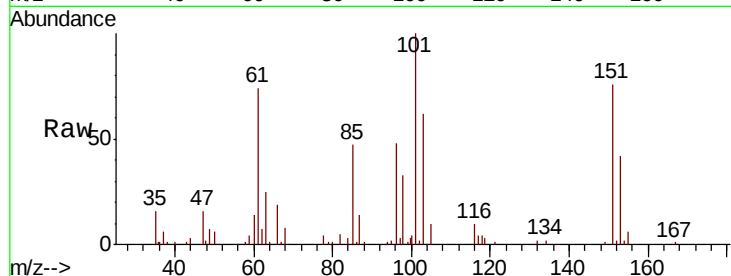
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.102 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.4	36.7	55.1
151	79.5	64.3	96.5

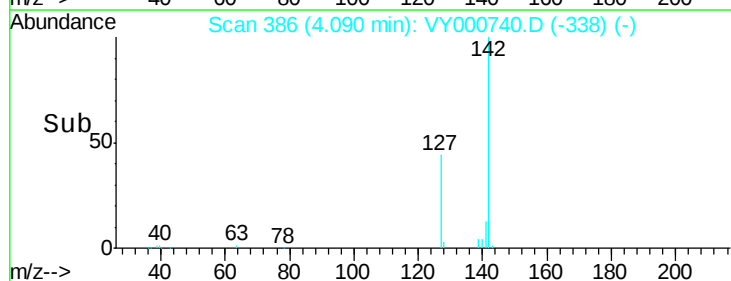
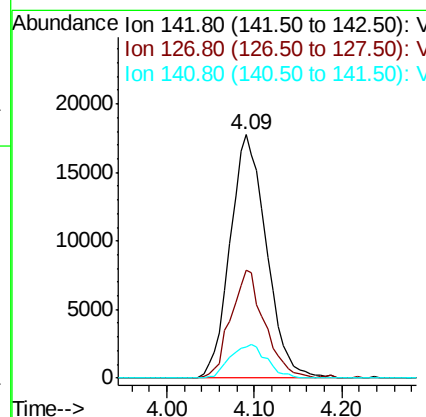
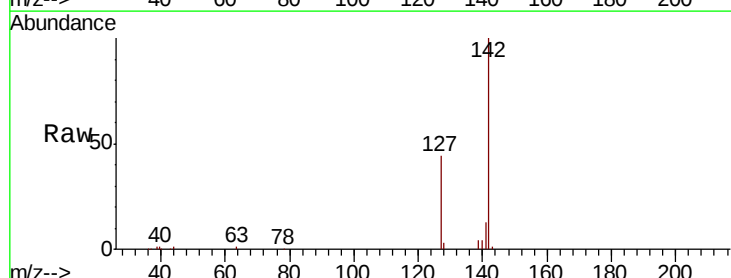
Manual Integrations
APPROVED

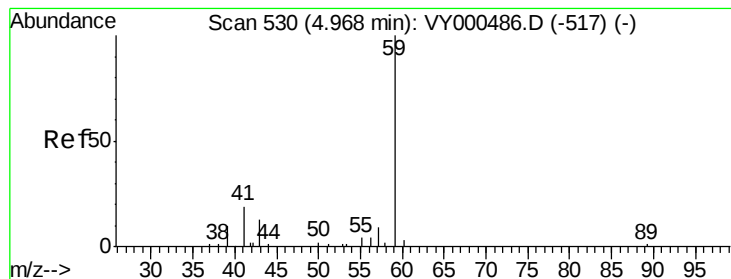
MMDadoda
11/20/2019 9:57:27 AM



#10
Methyl Iodide
Concen: 19.245 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.3	33.7	50.5
141	14.0	10.9	16.3





#11

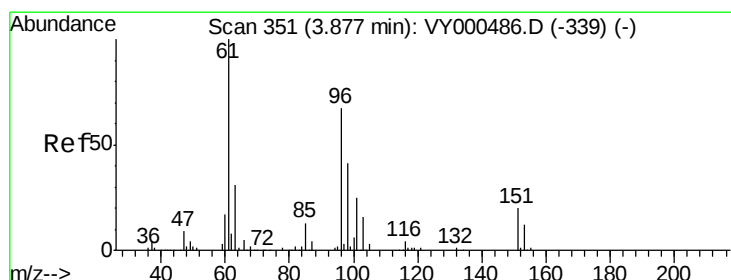
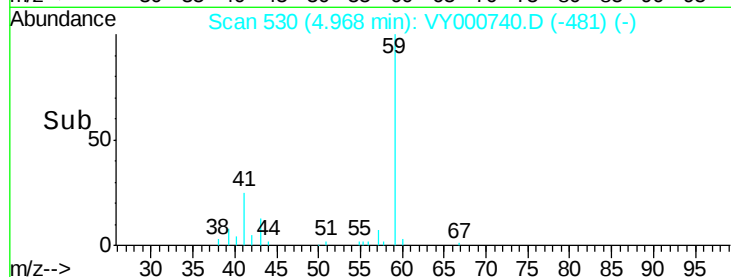
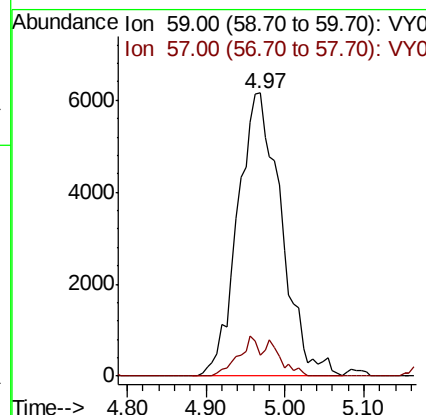
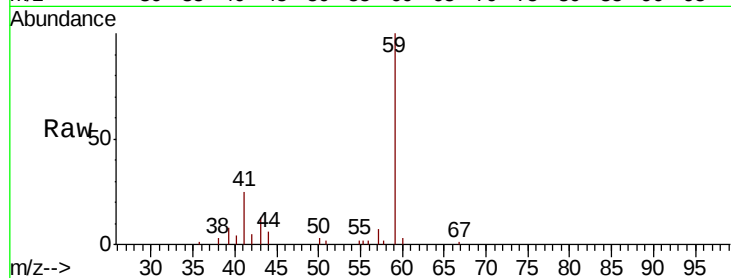
Tert butyl alcohol
Concen: 105.523 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.5	8.6	12.8#

Manual Integrations
APPROVED

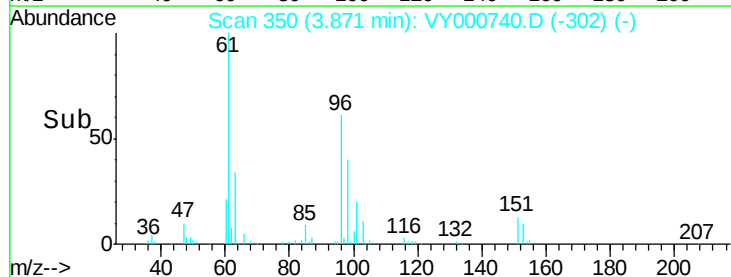
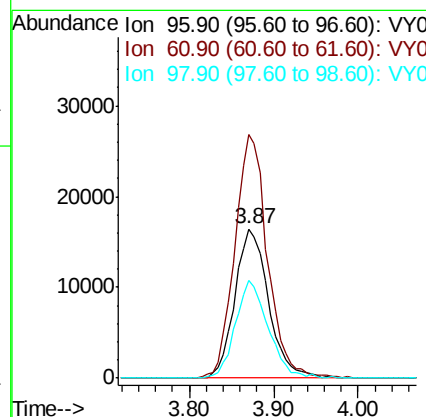
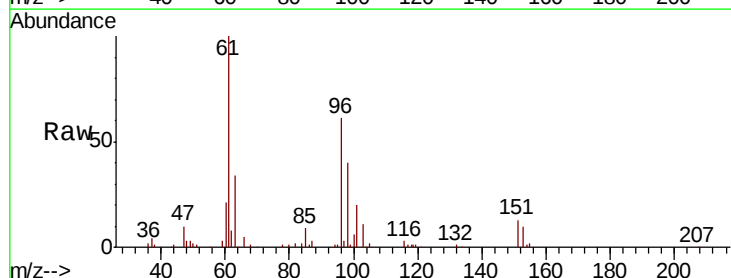
MMDadoda
11/20/2019 9:57:27 AM

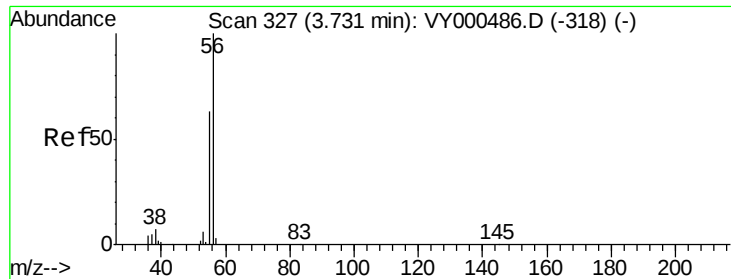


#12

1,1-Dichloroethene
Concen: 20.149 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	119.2	178.8
98	65.3	48.6	73.0





#13

Acrolein

Concen: 75.511 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 56 Resp: 14653

Ion Ratio Lower Upper

56 100

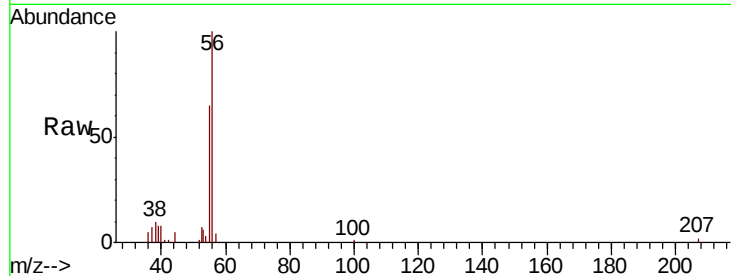
55 72.4 57.0 85.6

Manual Integrations

APPROVED

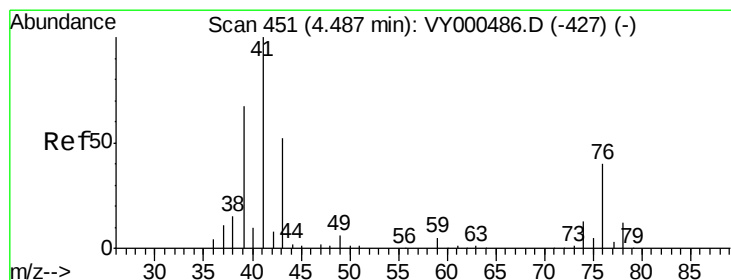
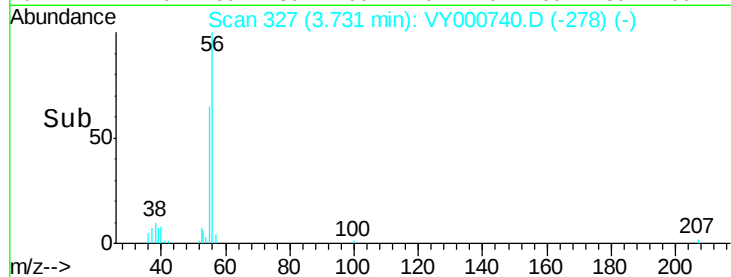
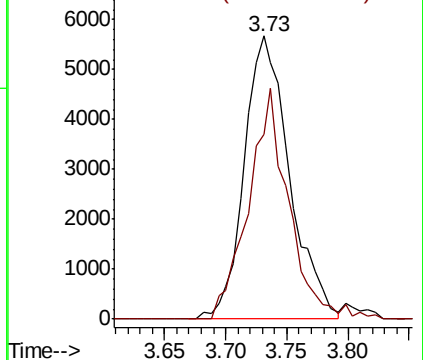
MMDadoda

11/20/2019 9:57:27 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.434 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

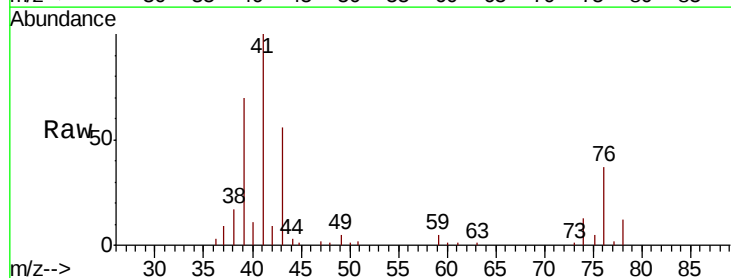
Tgt Ion: 41 Resp: 76988

Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

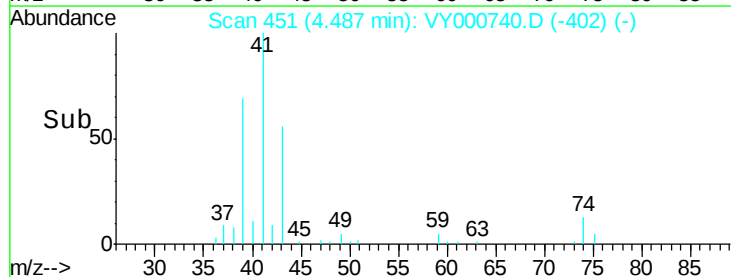
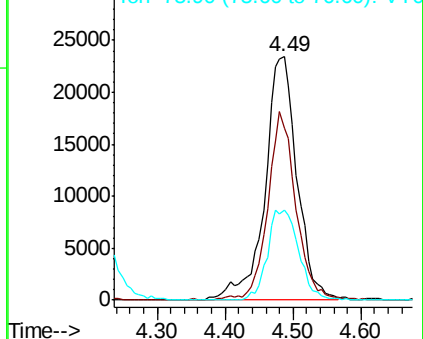
76 36.2 29.8 44.6

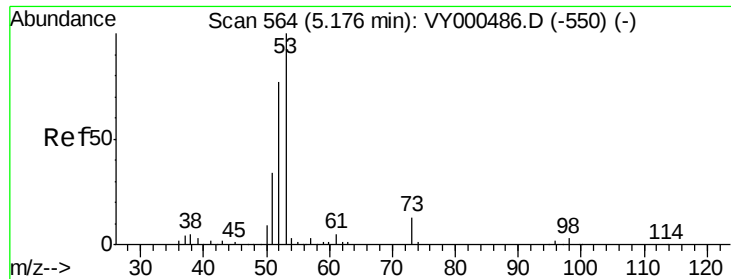


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 109.868 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

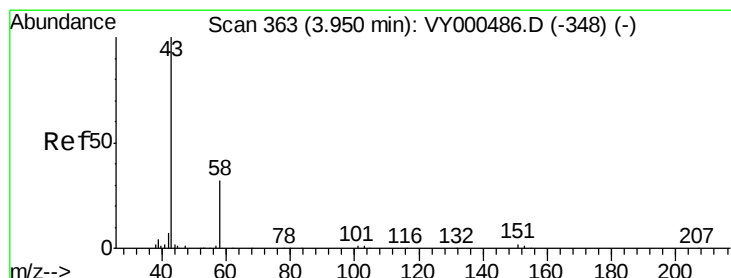
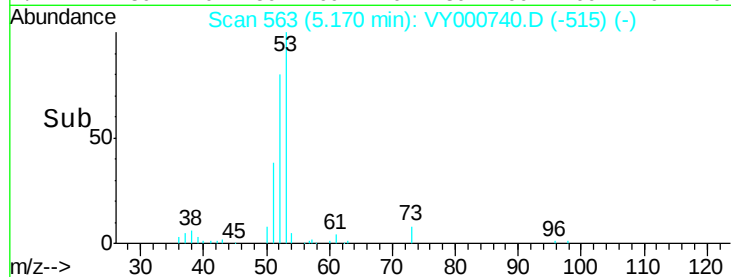
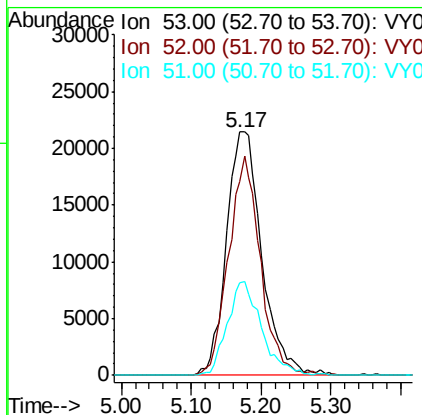
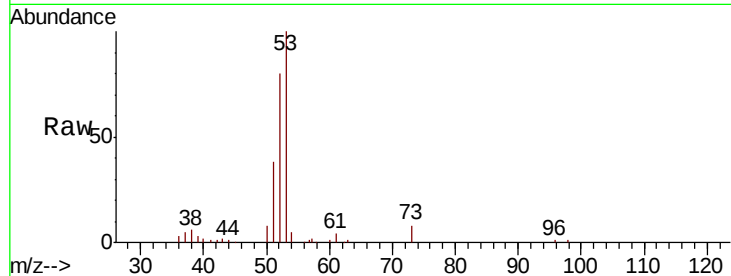
ClientSampleId :

VY1119SBS01

Tot Ion:	53	Resp:	75210
Ion	Ratio	Lower	Upper
53	100		
52	81.2	64.9	97.3
51	37.1	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 88.467 ug/l

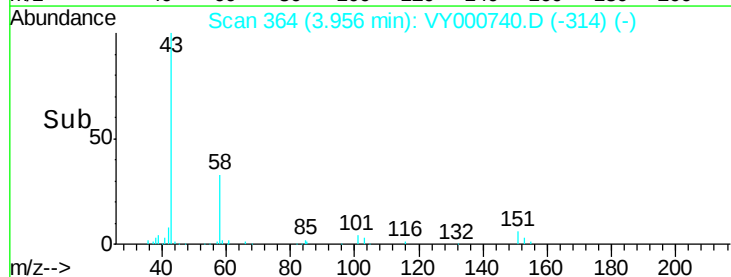
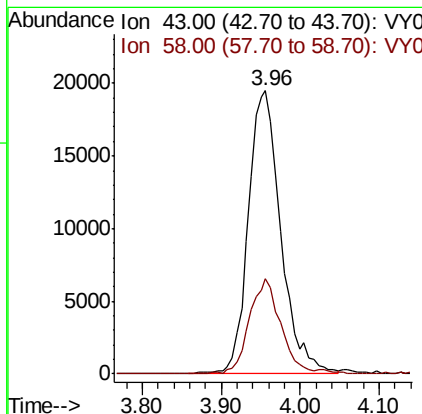
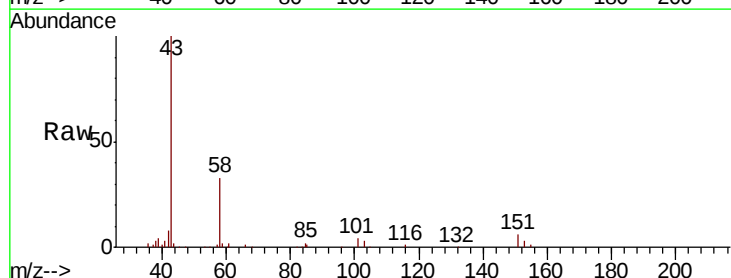
RT: 3.96 min Scan# 364

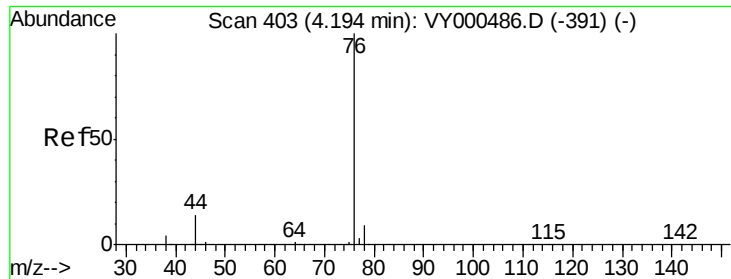
Delta R.T. 0.01 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Tgt Ion:	43	Resp:	55801
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.8	38.6





#17

Carbon Disulfide

Concen: 18.931 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 76 Resp: 131897

Ion Ratio Lower Upper

76 100

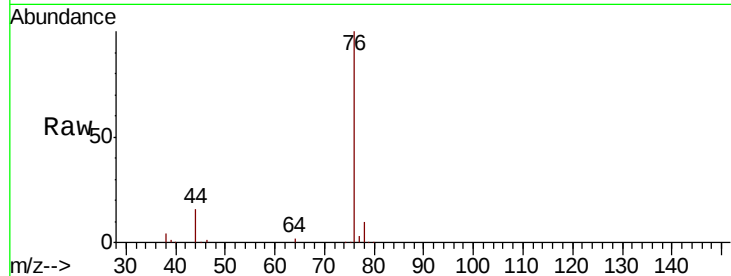
78 9.7 7.5 11.3

Manual Integrations

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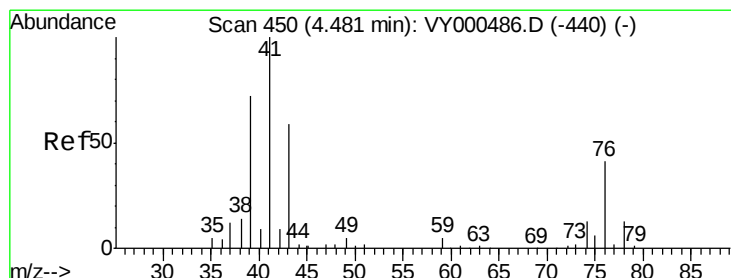
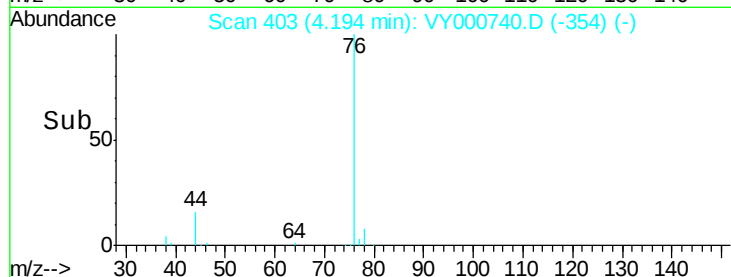
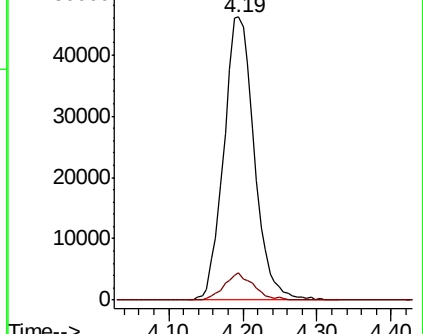
MMDadoda

11/20/2019 9:57:27 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.435 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000740.D

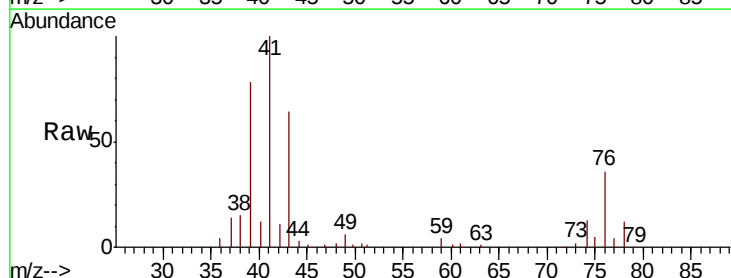
Acq: 19 Nov 2019 13:02

Tgt Ion: 43 Resp: 43999

Ion Ratio Lower Upper

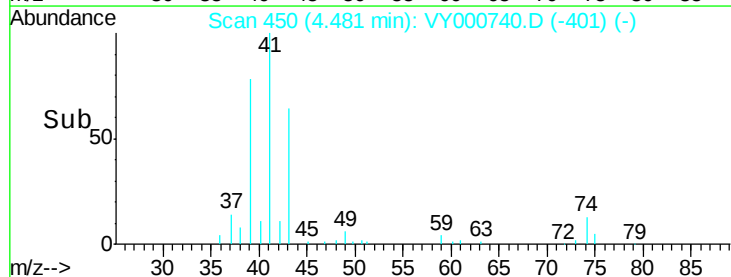
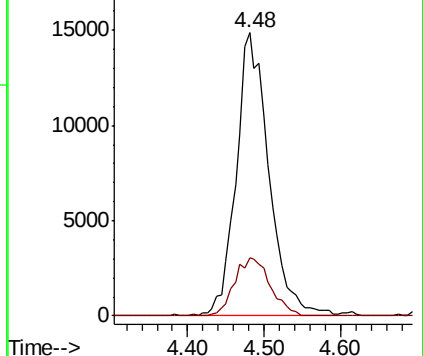
43 100

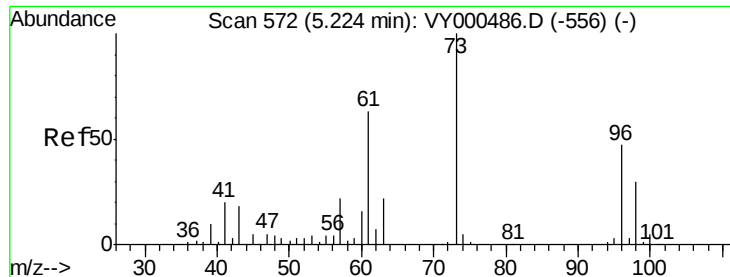
74 22.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





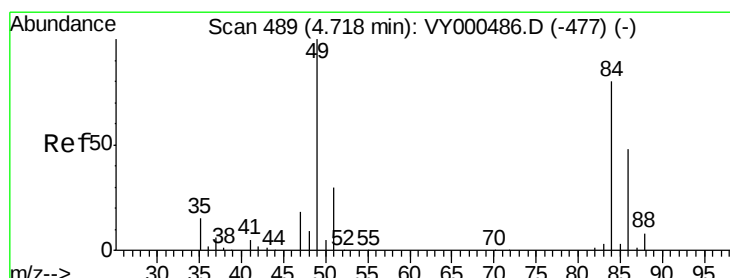
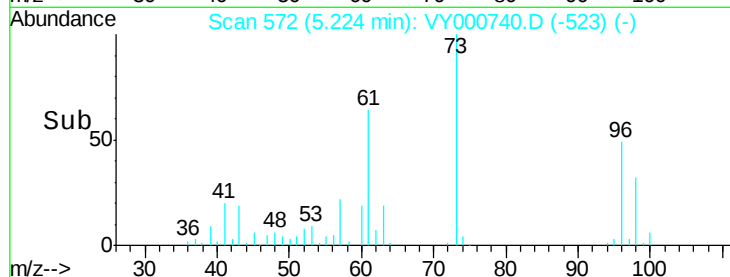
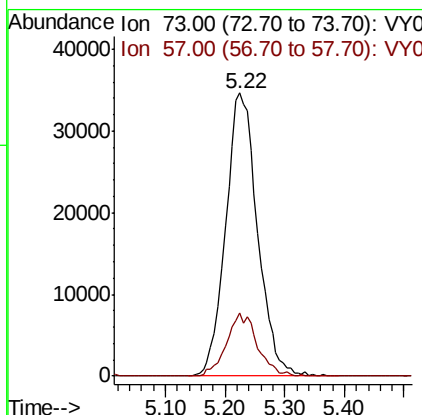
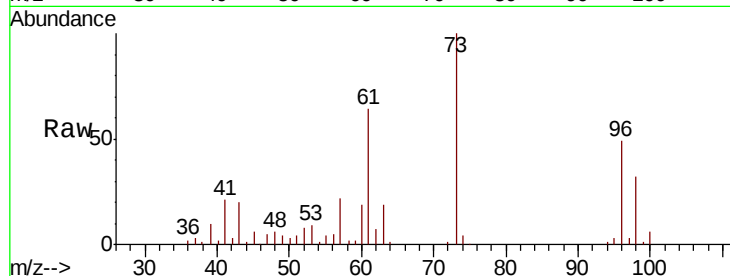
#19
Methvl tert-butvl Ether
Concen: 20.915 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 73 Resp: 128456
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0

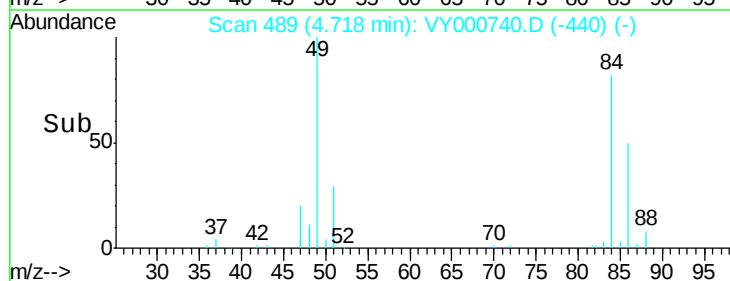
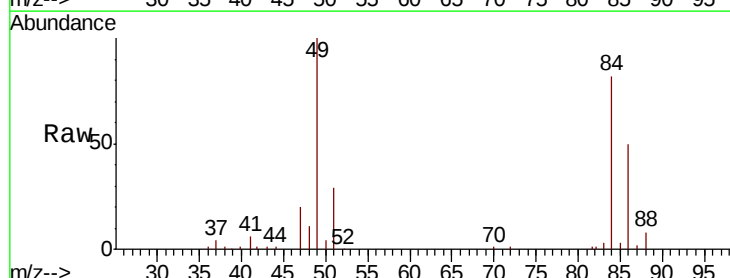
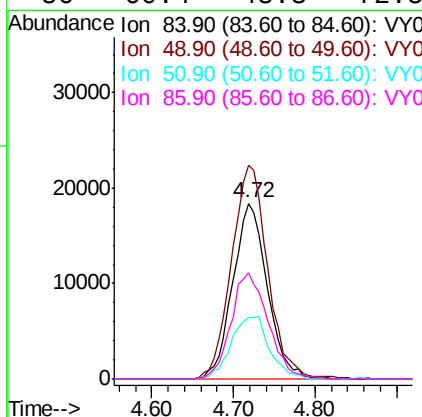
Manual Integrations
APPROVED

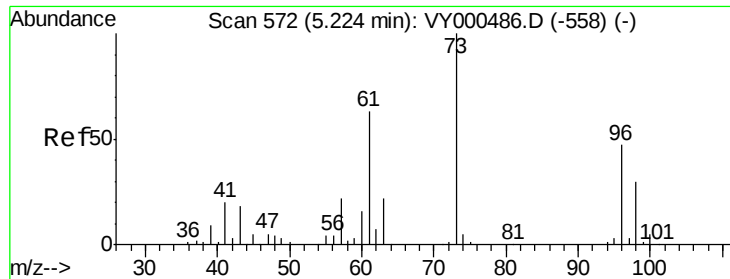
MMDadoda
11/20/2019 9:57:27 AM



#20
Methylene Chloride
Concen: 19.946 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion: 84 Resp: 53909
Ion Ratio Lower Upper
84 100
49 121.5 100.2 150.4
51 34.8 29.6 44.4
86 60.4 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.115 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 96 Resp: 50234

Ion Ratio Lower Upper

96 100

61 129.6 106.6 160.0

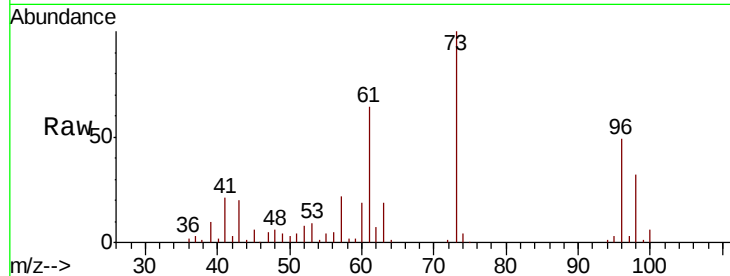
98 64.6 50.6 76.0

Manual Integrations

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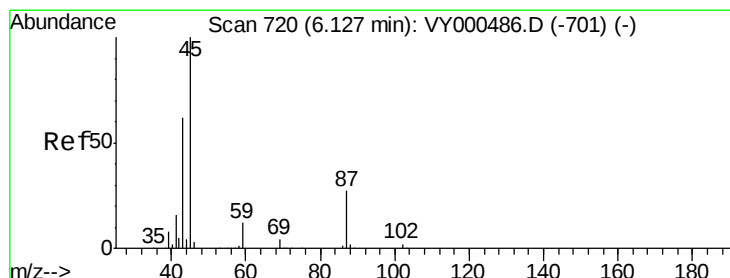
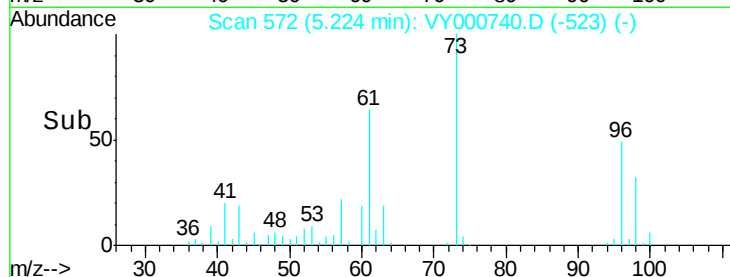
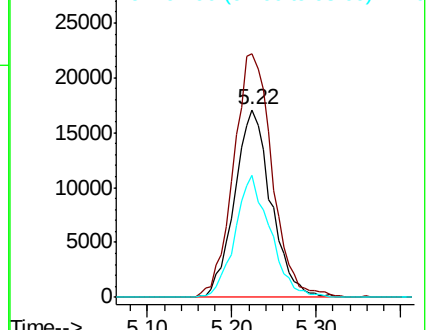


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.997 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Tgt Ion: 45 Resp: 171732

Ion Ratio Lower Upper

45 100

43 57.6 50.0 75.0

87 26.0 21.6 32.4

59 10.7 9.5 14.3

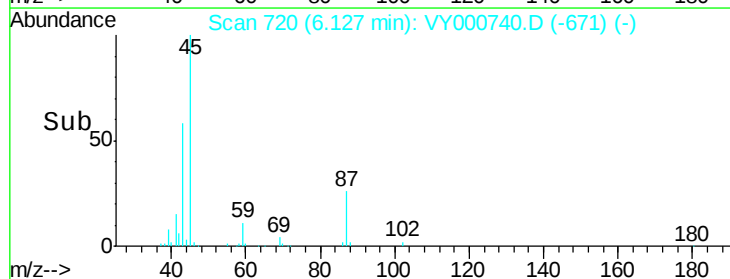
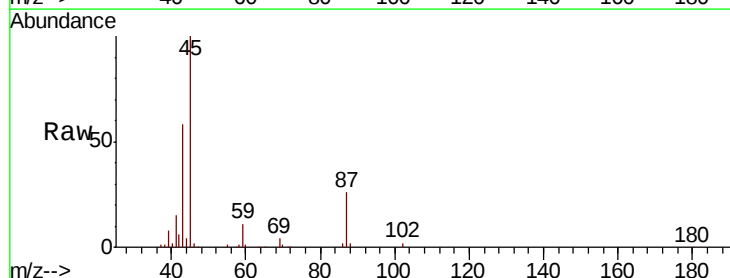
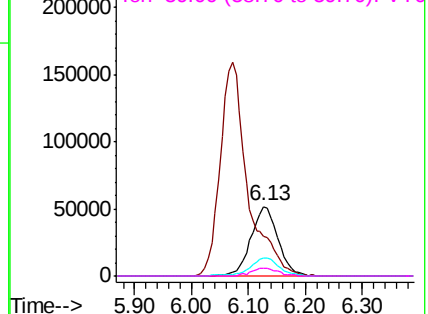
Abundance

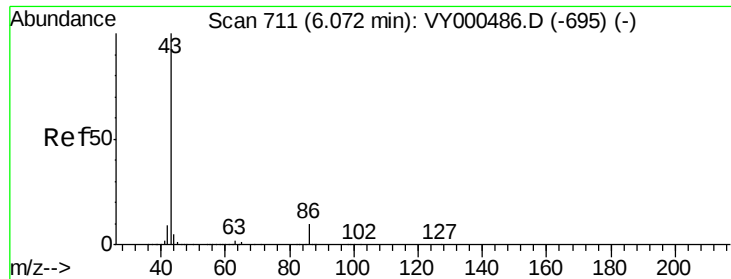
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 108.341 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 43 Resp: 533941

Ion Ratio Lower Upper

43 100

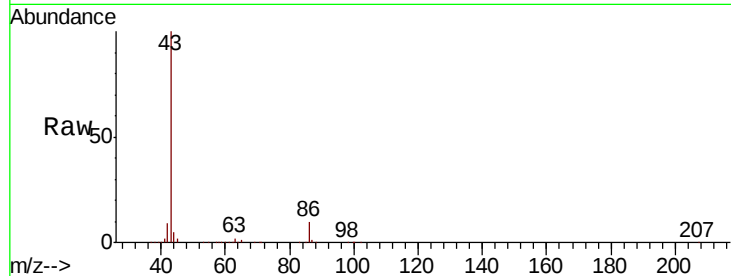
86 10.0 7.8 11.6

Manual Integrations

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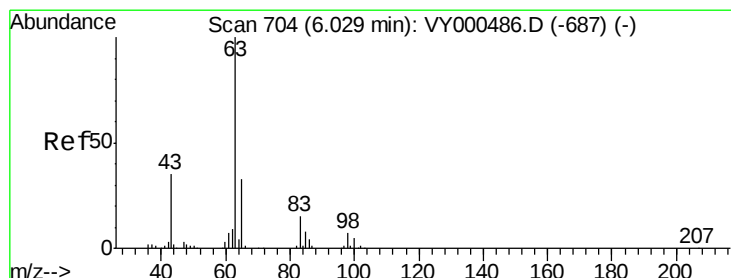
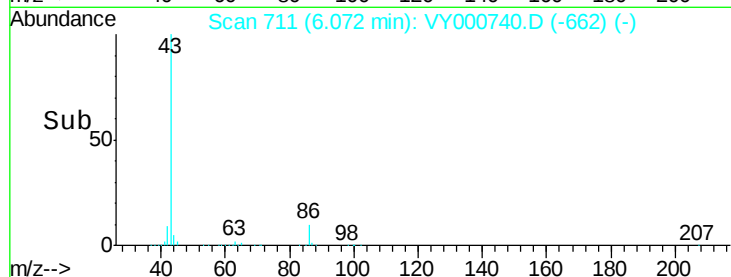
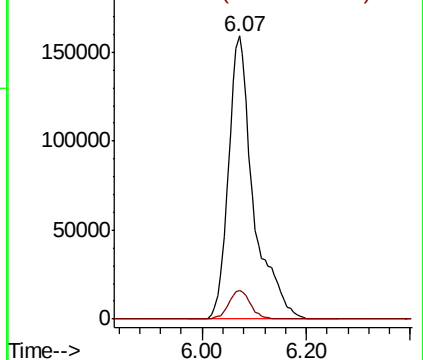
MMDadoda

11/20/2019 9:57:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.043 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

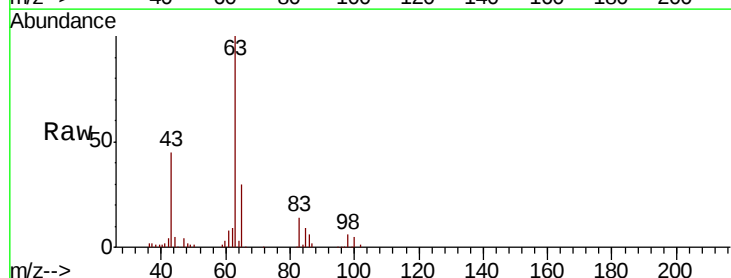
Tgt Ion: 63 Resp: 89003

Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.6

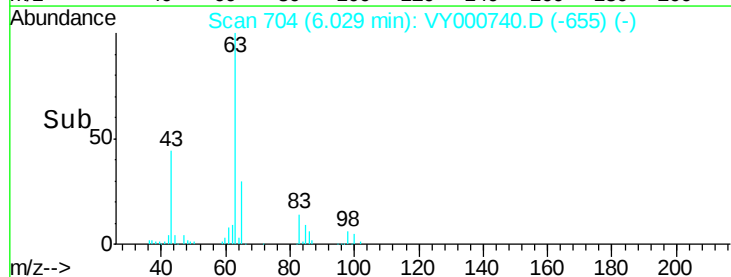
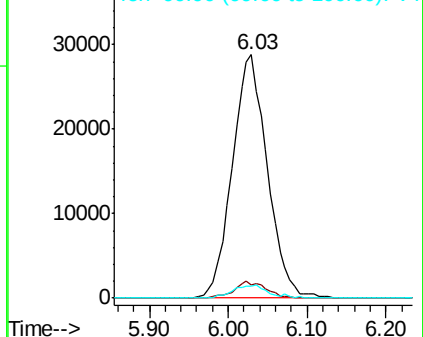
100 4.7 2.4 7.1

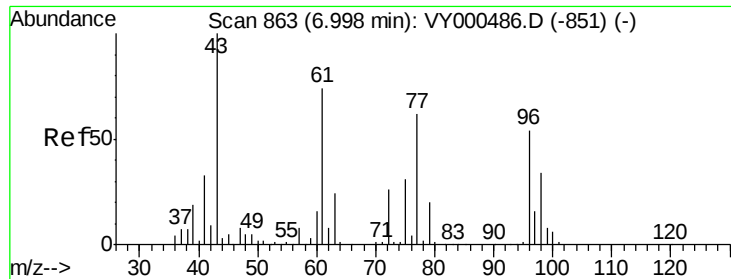


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





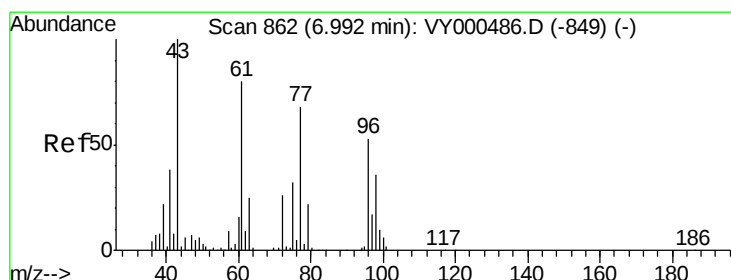
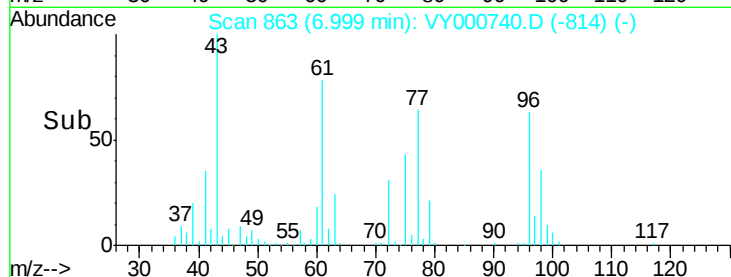
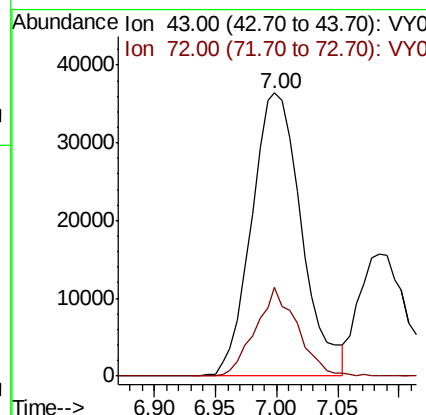
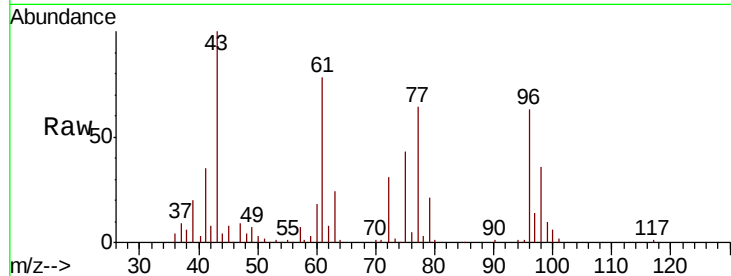
#25
2-Butanone
Concen: 102.937 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 43 Resp: 103620
Ion Ratio Lower Upper
43 100
72 31.3 20.9 31.3

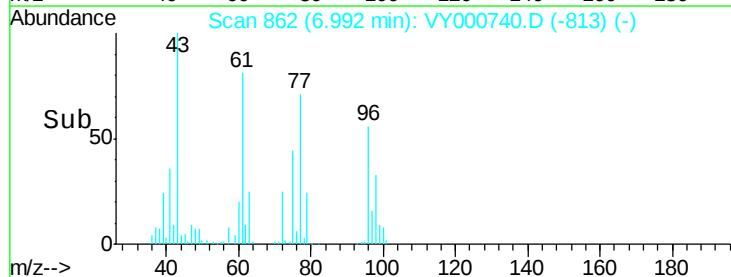
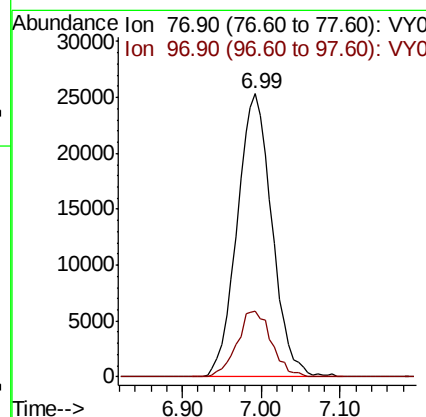
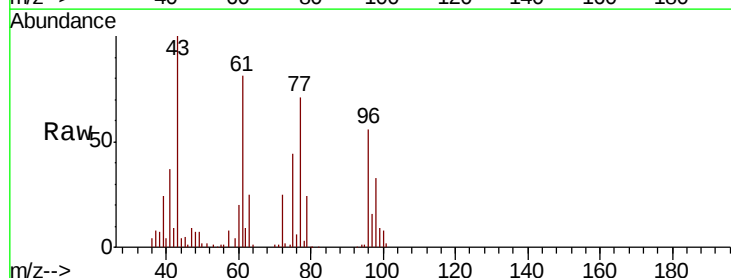
Manual Integrations
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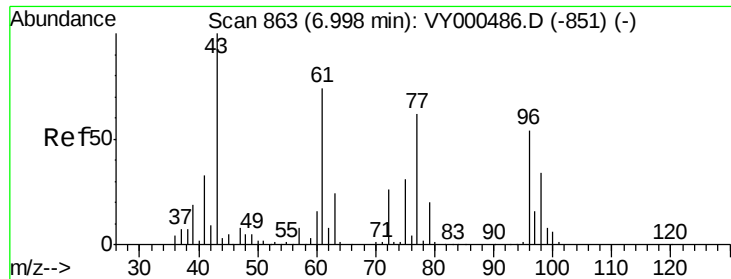
MMDadoda
11/20/2019 9:57:27 AM



#26
2,2-Dichloropropane
Concen: 20.069 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion: 77 Resp: 77572
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4





#27

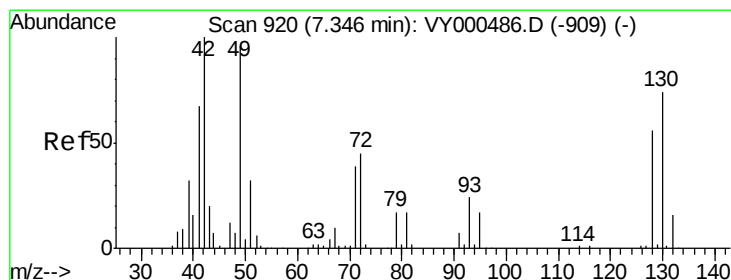
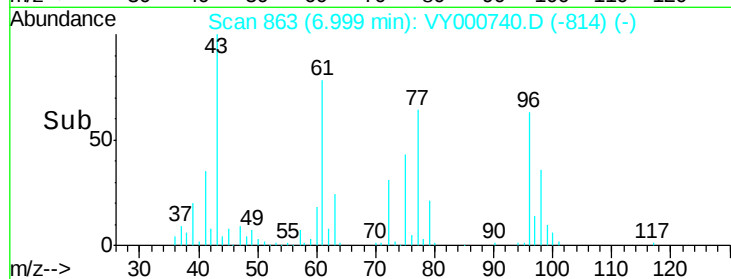
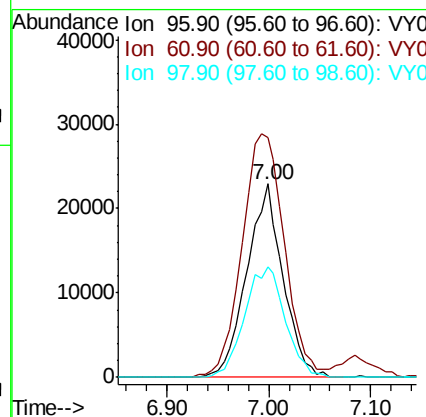
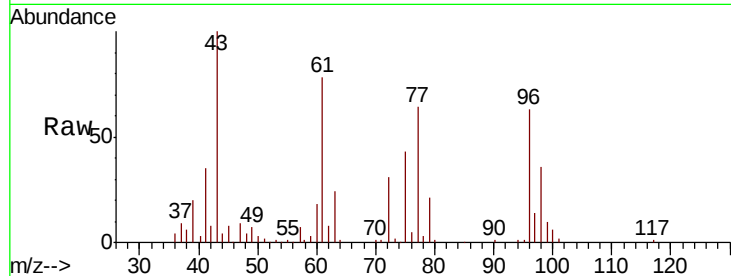
cis-1,2-Dichloroethene
Concen: 20.697 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	287.0
98	64.0	0.0	129.4

Manual Integrations
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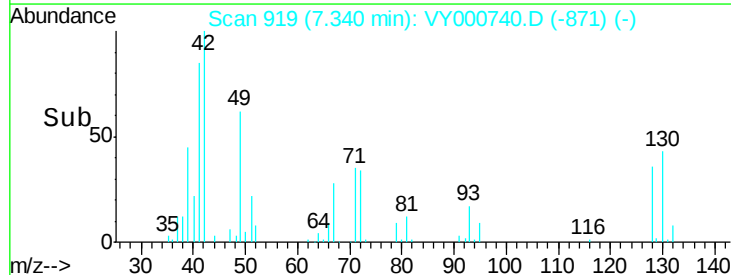
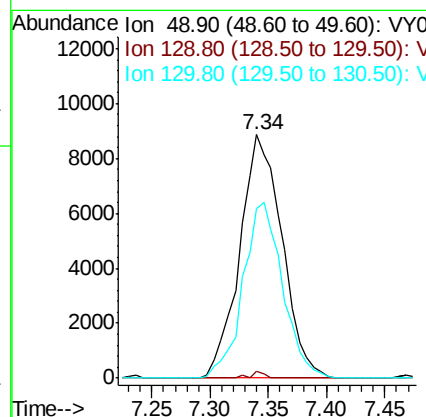
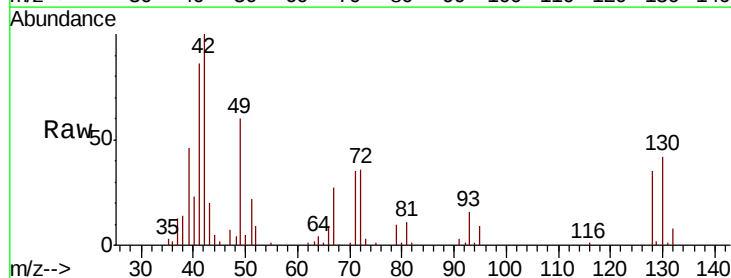
MMDadoda
11/20/2019 9:57:27 AM

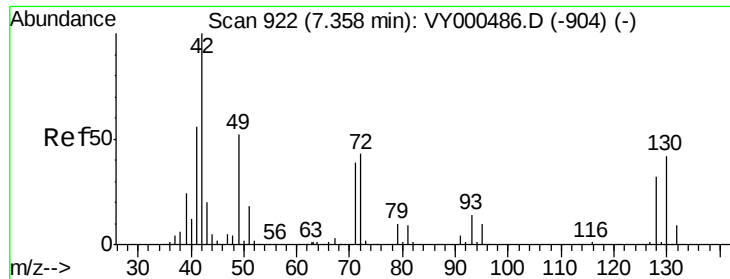


#28

Bromochloromethane
Concen: 14.764 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.6
130	67.4	59.4	89.0





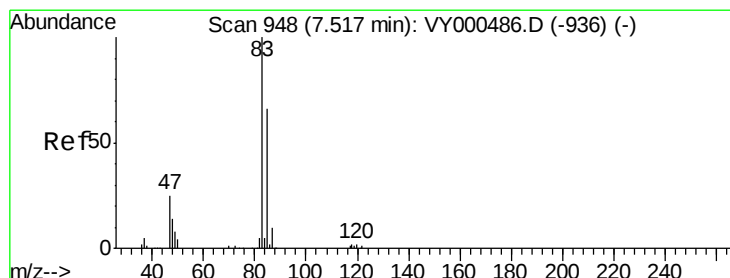
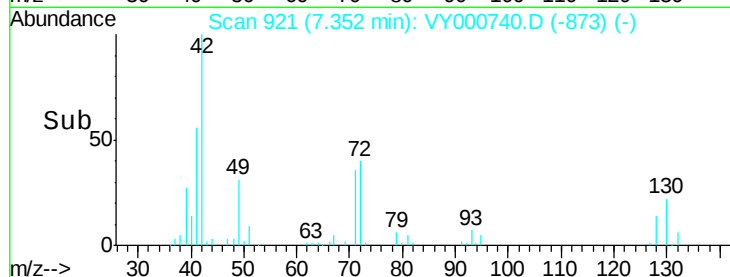
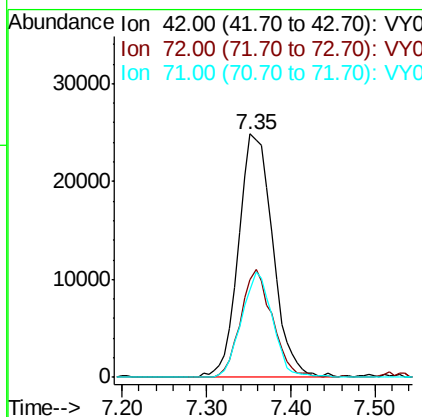
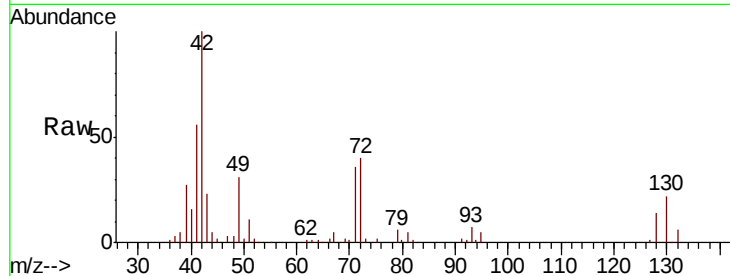
#29
Tetrahydrofuran
Concen: 111.296 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.0	51.0
71	39.1	30.8	46.2

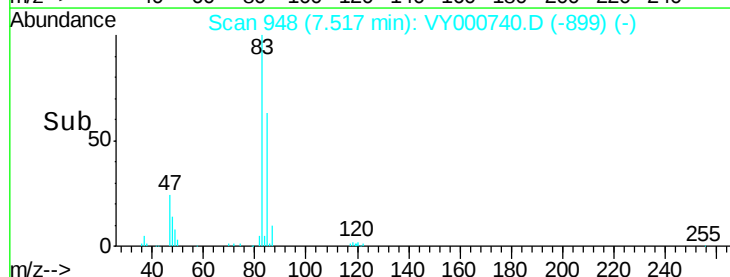
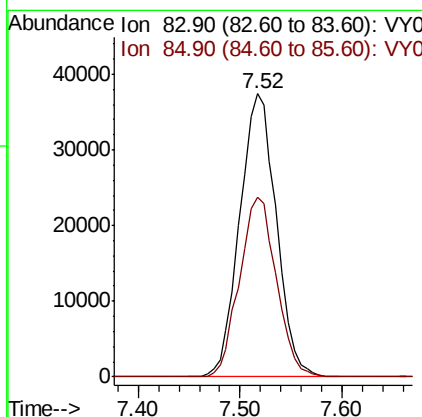
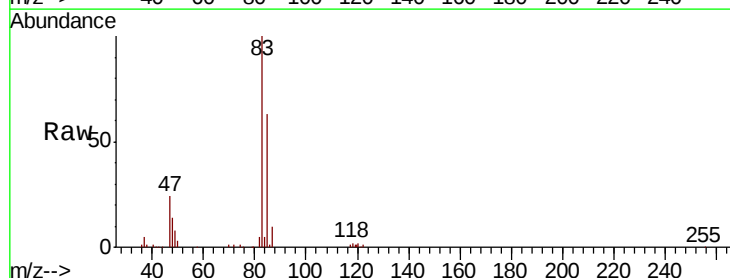
Manual Integrations
APPROVED

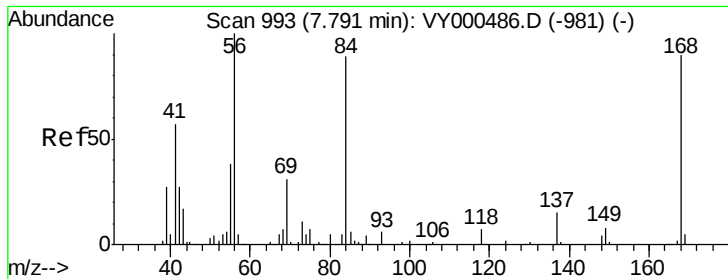
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11/20/2019 9:57:27 AM



#30
Chloroform
Concen: 21.809 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.4





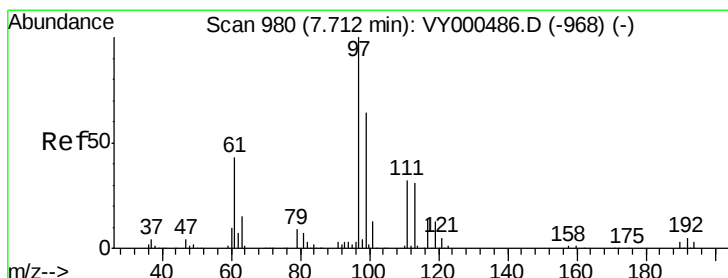
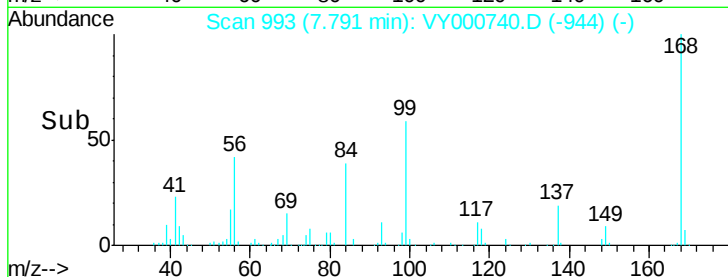
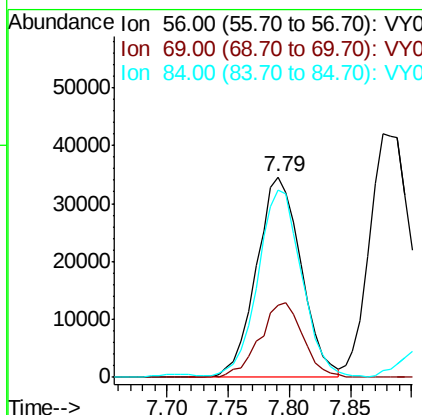
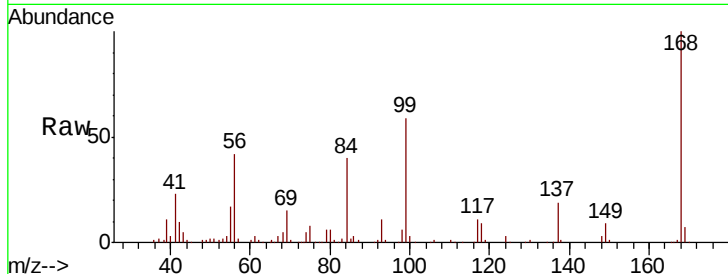
#31
Cyclohexane
Concen: 19.862 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	25.0	37.6
84	92.0	71.4	107.2

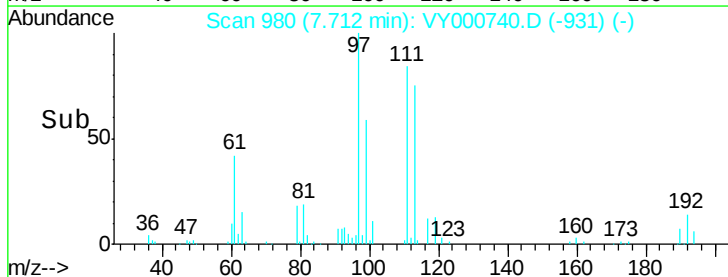
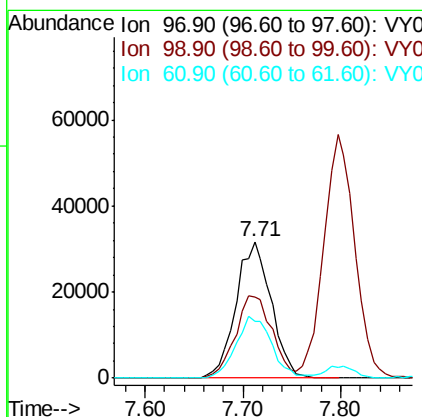
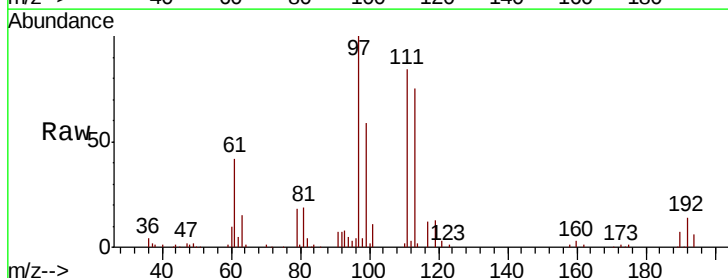
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#32
1,1,1-Trichloroethane
Concen: 20.767 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.9	76.3
61	45.7	34.9	52.3





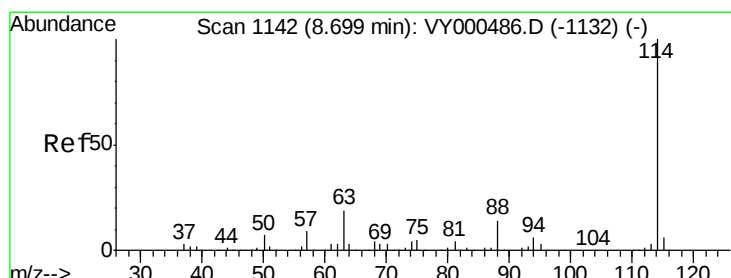
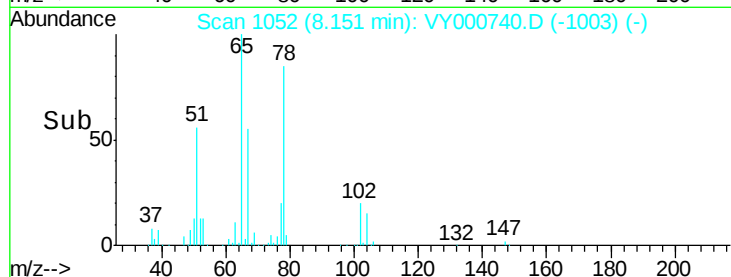
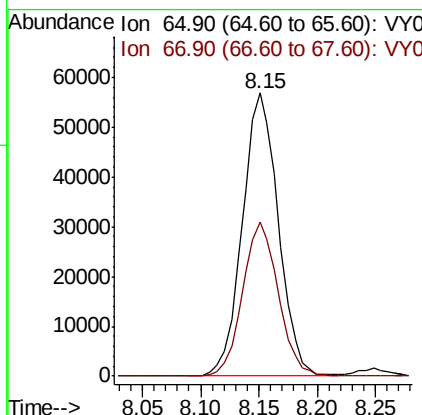
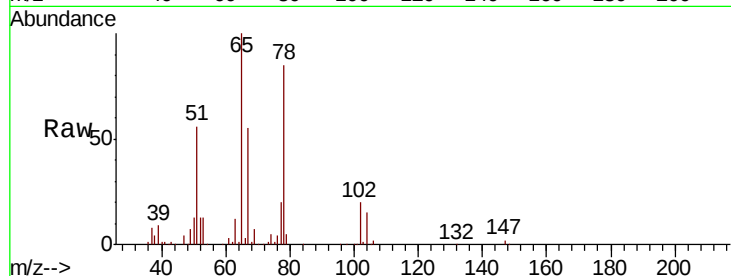
#33
 1,2-Dichloroethane-d4
 Concen: 53.357 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122111		
67	53.9	0.0	107.2	

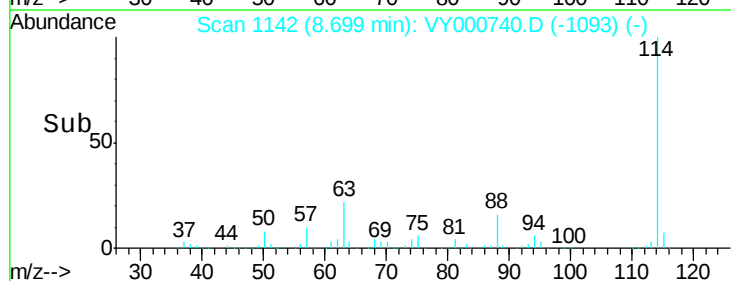
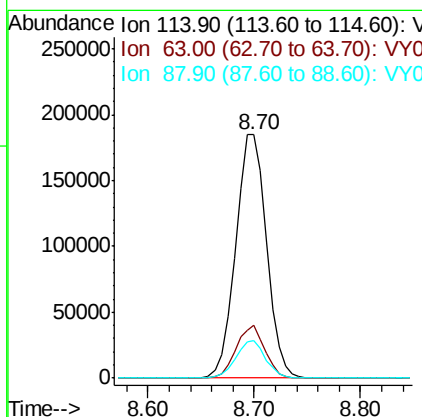
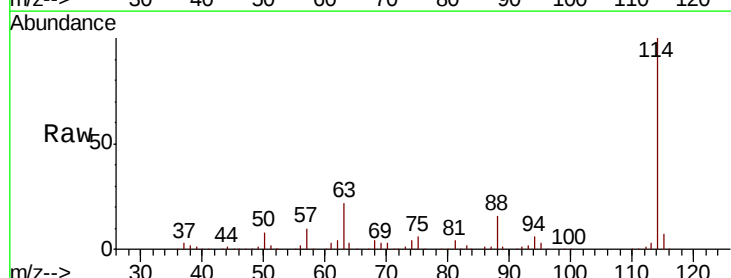
Manual Integrations
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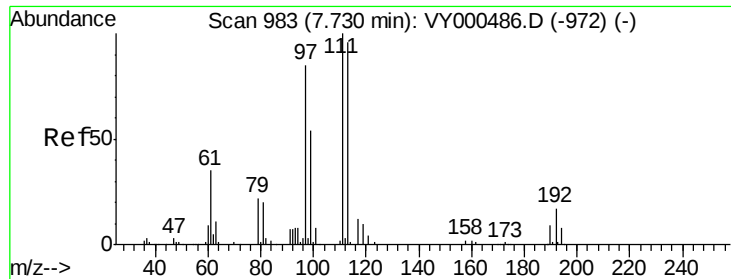
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	376237		
63	21.6	0.0	38.0	
88	15.6	0.0	28.6	





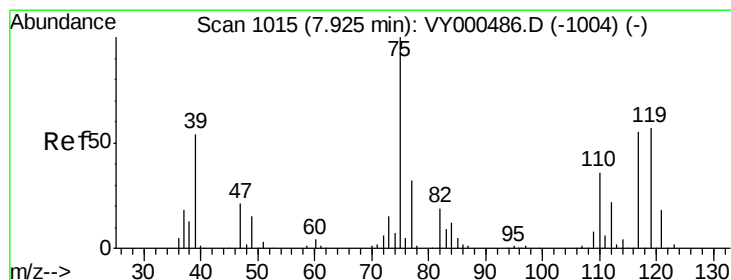
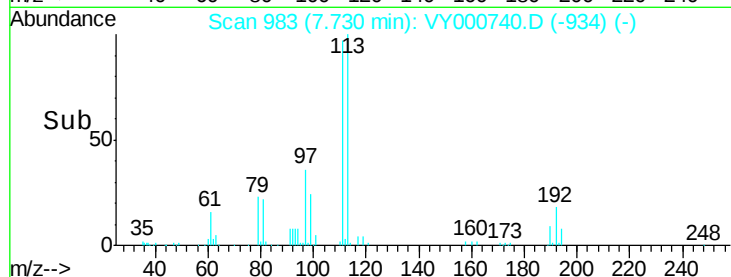
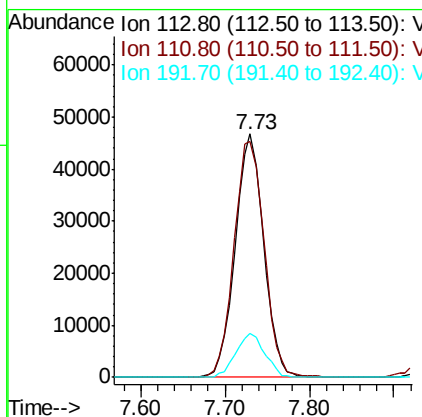
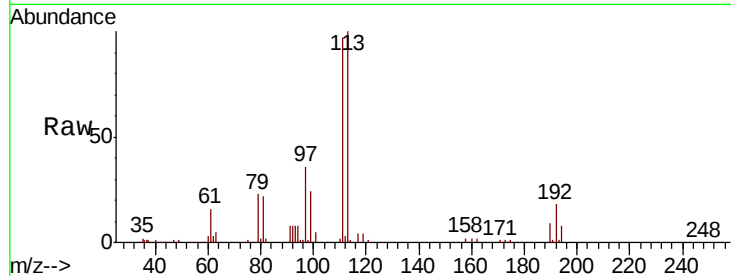
#35
Dibromofluoromethane
Concen: 48.178 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.7	122.5
192	18.7	15.0	22.4

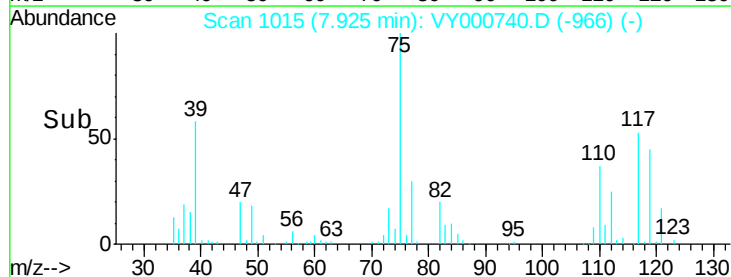
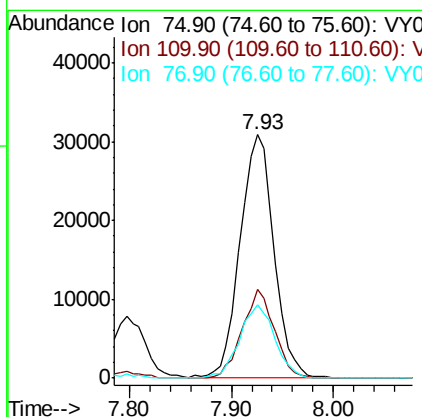
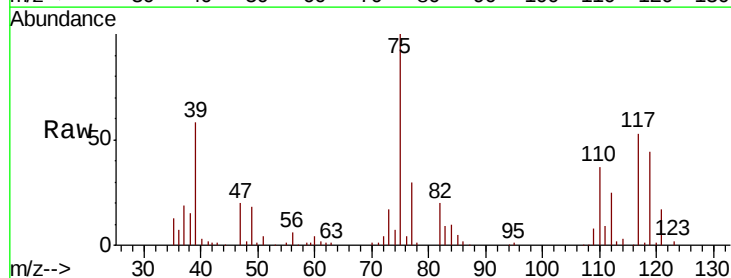
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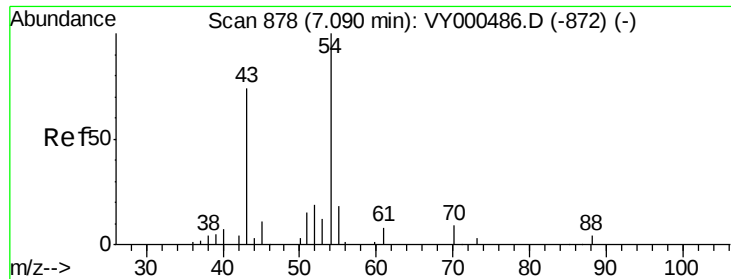
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#36
1,1-Dichloropropene
Concen: 20.069 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	18.1	54.1
77	31.5	25.0	37.6





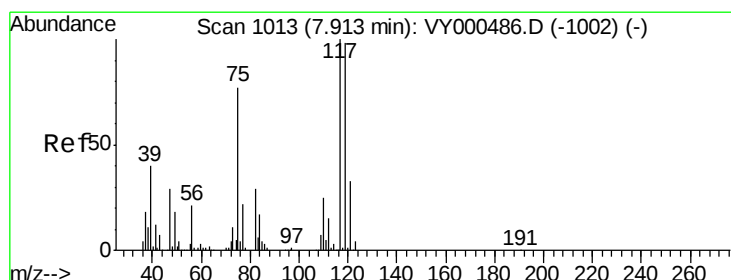
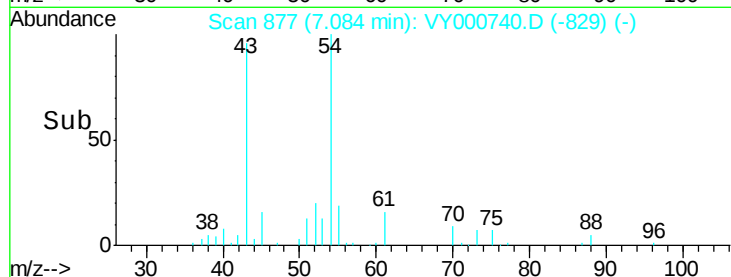
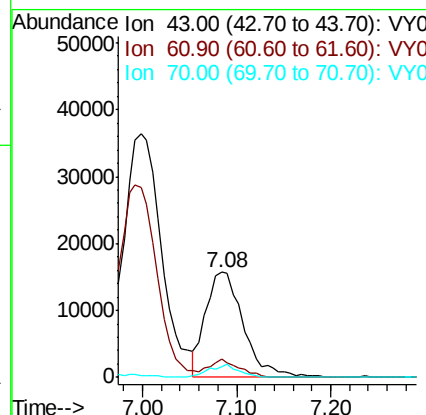
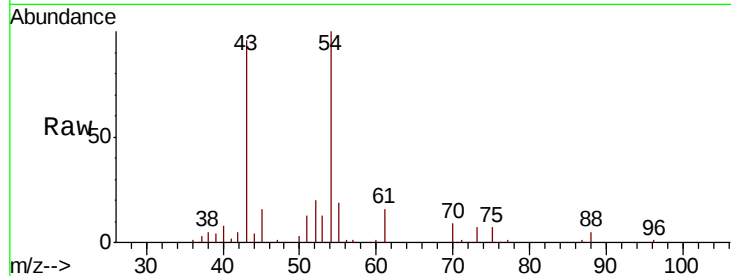
#37
Ethyl Acetate
Concen: 20.716 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.2	15.2
70	9.6	7.8	11.8

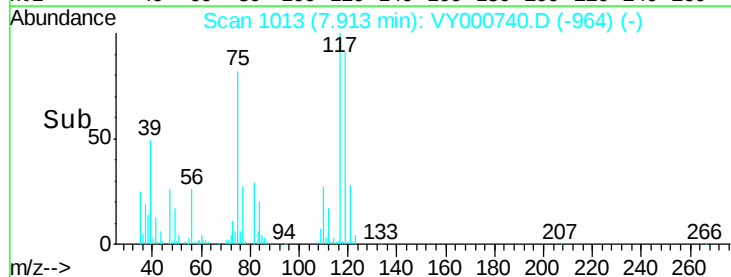
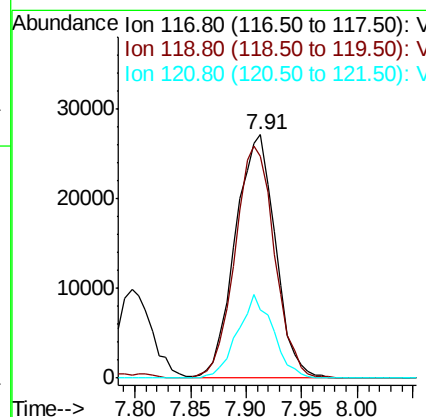
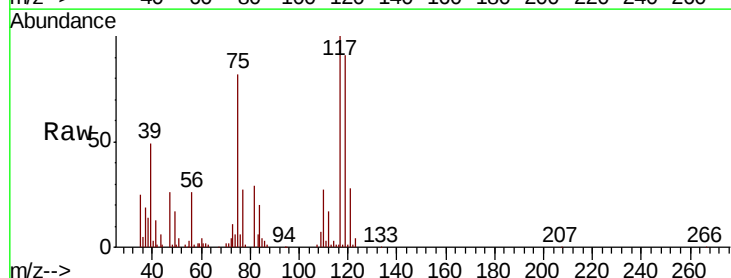
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#38
Carbon Tetrachloride
Concen: 19.854 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	78.0	117.0
121	28.2	26.6	40.0





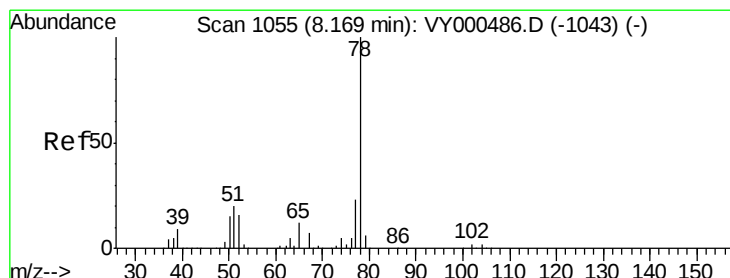
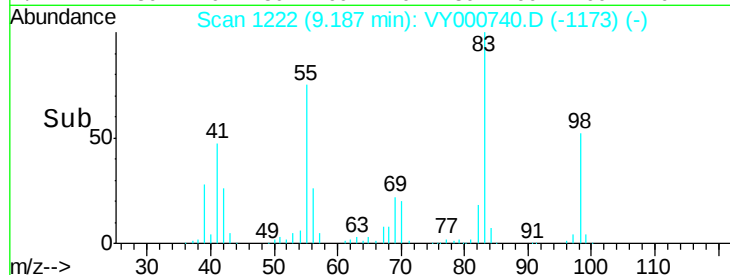
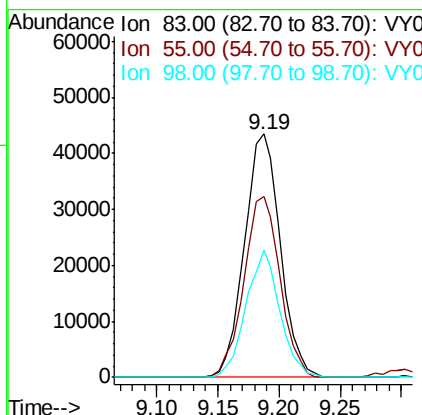
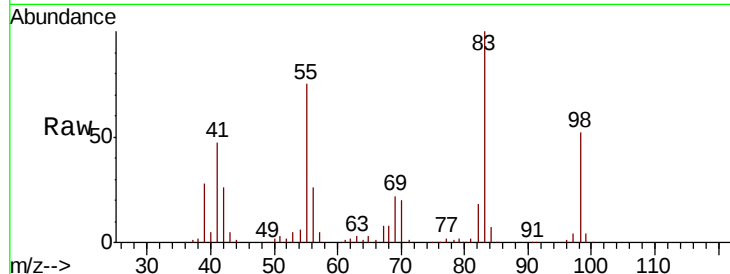
#39
Methvlcvclohexane
Concen: 19.292 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	57.5	86.3
98	52.1	38.0	57.0

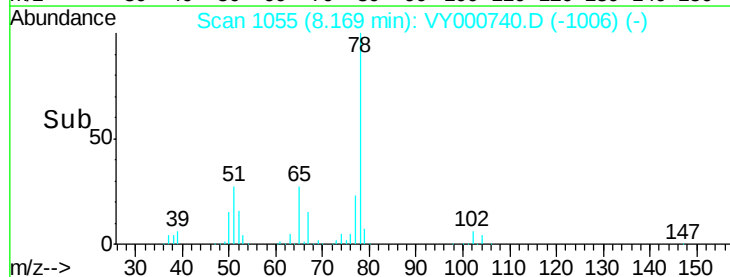
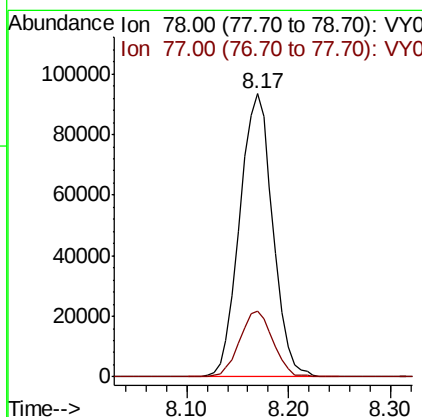
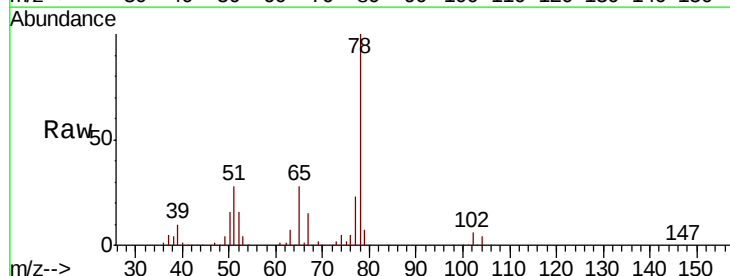
Manual Integrations
APPROVED

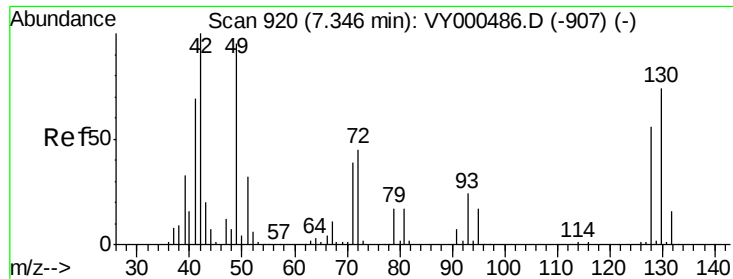
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11/20/2019 9:57:27 AM



#40
Benzene
Concen: 20.209 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





#41

Methacrylonitrile

Concen: 26.032 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Tot Ion: 41 Resp: 30666

Ion Ratio Lower Upper

41 100

39 95.1 68.2 102.4

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Instrument :

MSVOA_Y

ClientSampleId :

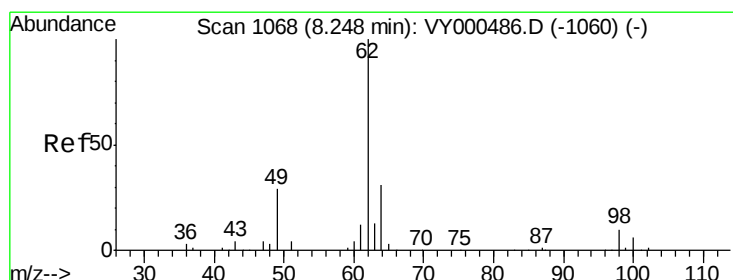
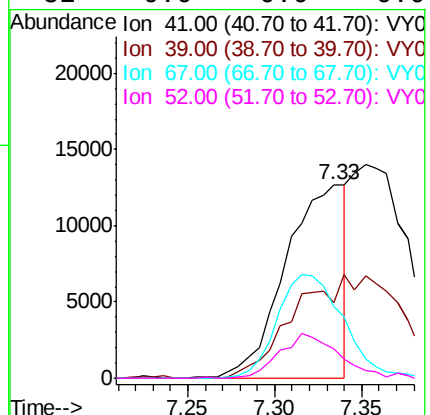
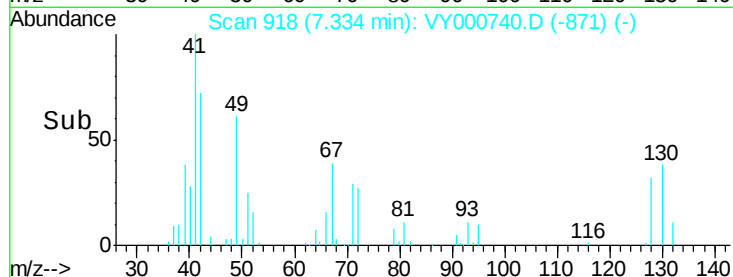
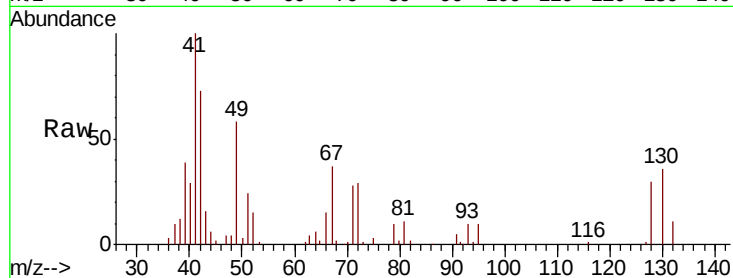
VY1119SBS01

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#42

1,2-Dichloroethane

Concen: 20.979 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000740.D

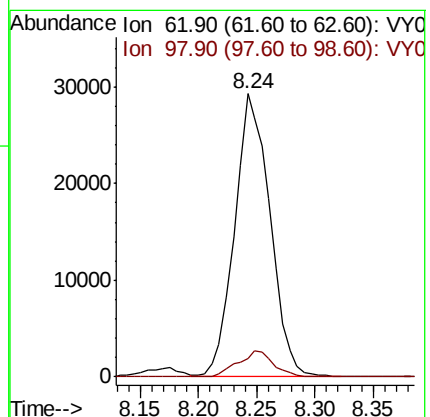
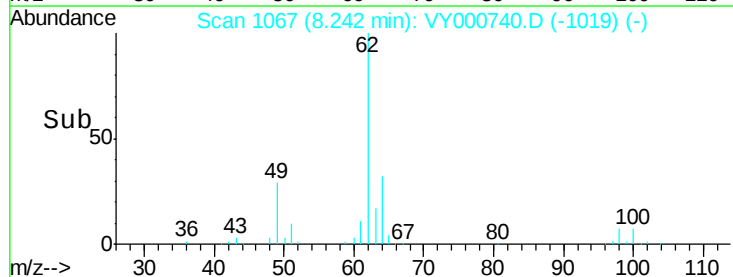
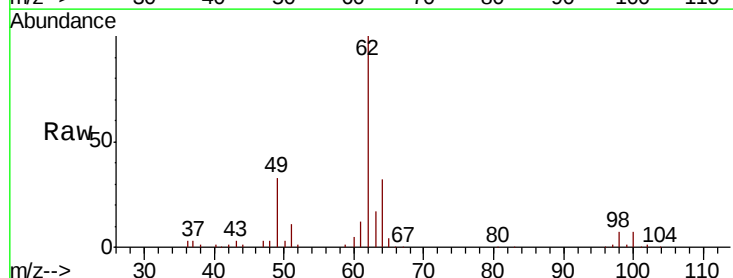
Acq: 19 Nov 2019 13:02

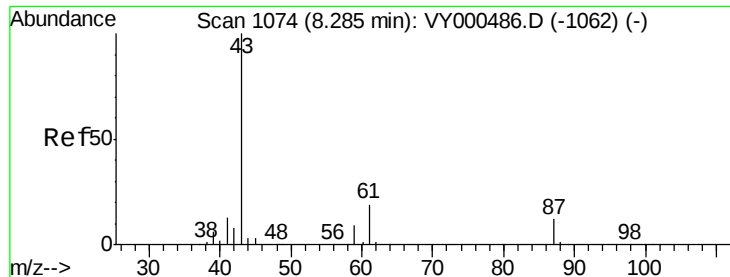
Tgt Ion: 62 Resp: 62045

Ion Ratio Lower Upper

62 100

98 9.3 0.0 19.2





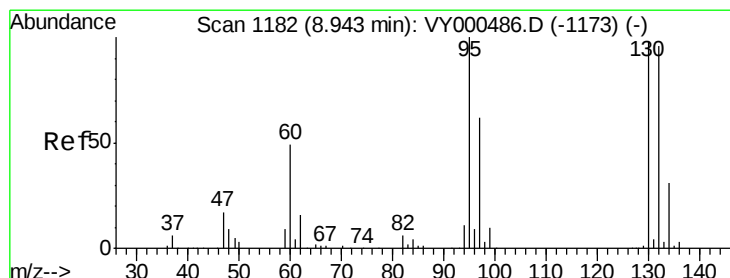
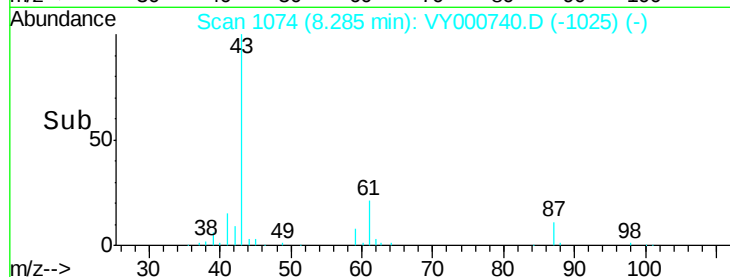
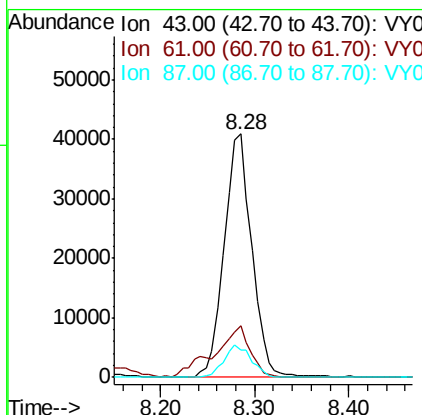
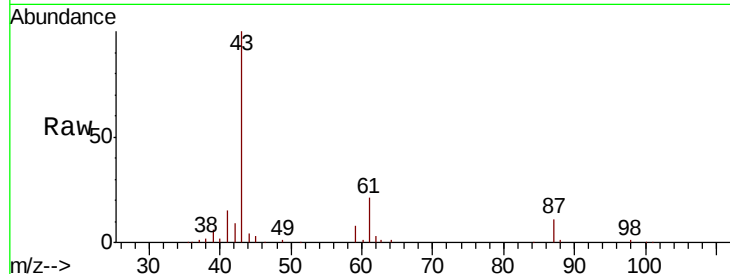
#43
Isopropyl Acetate
Concen: 21.057 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.4	23.0	34.4
87	13.0	10.5	15.7

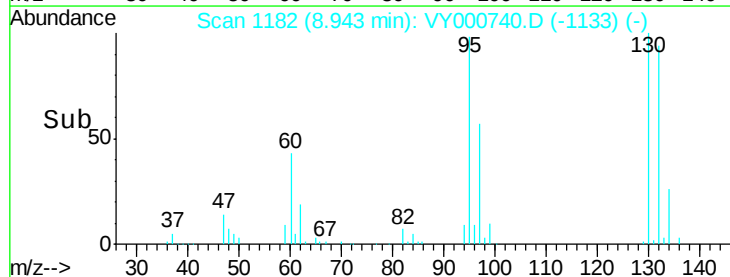
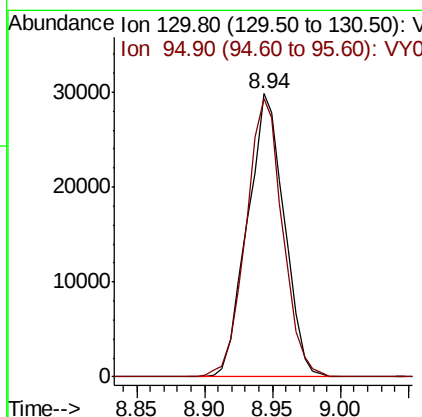
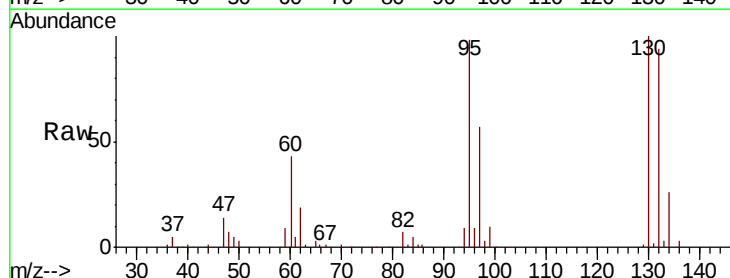
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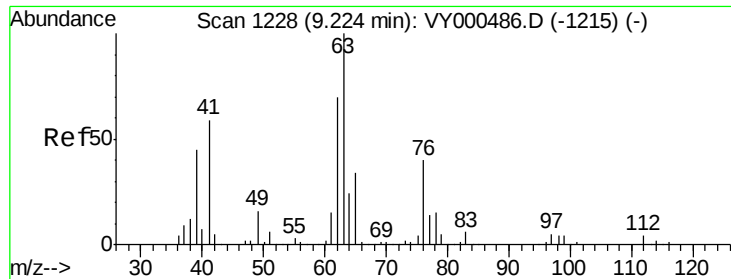
MMDadoda
11/20/2019 9:57:27 AM



#44
Trichloroethene
Concen: 20.594 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	203.2





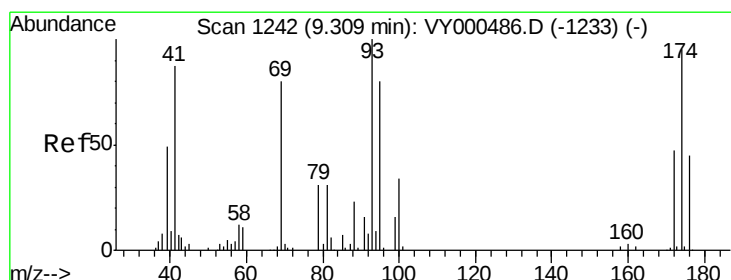
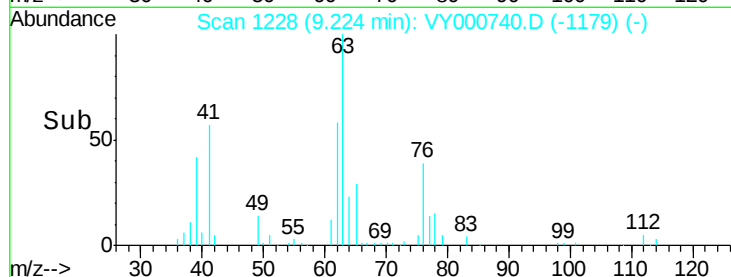
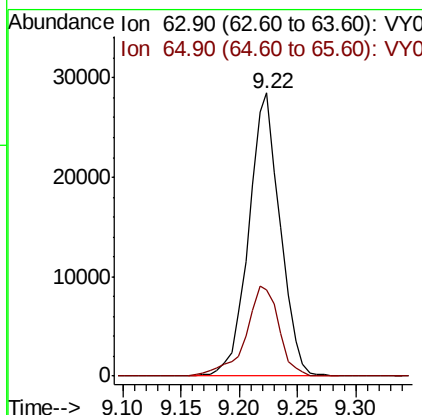
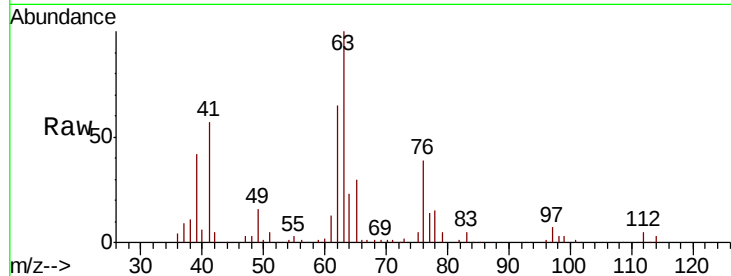
#45
 1,2-Dichloropropane
 Concen: 20.774 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion: 63 Resp: 53315
 Ion Ratio Lower Upper
 63 100
 65 30.5 27.0 40.4

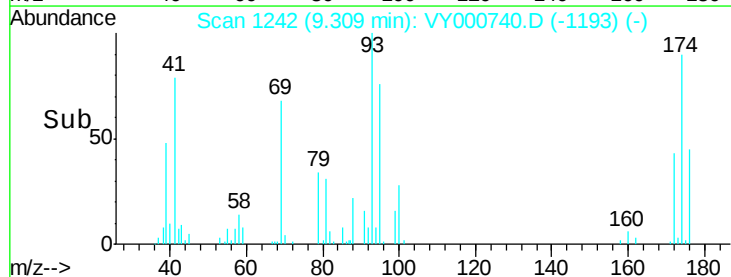
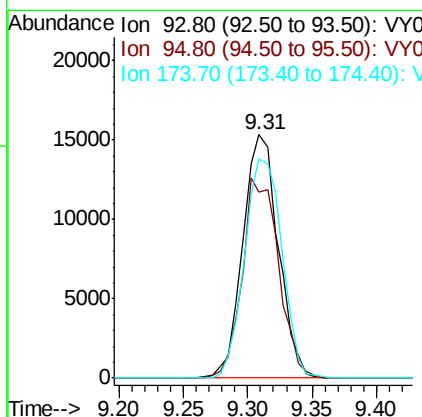
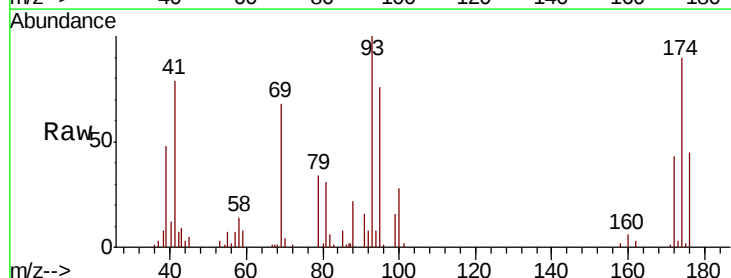
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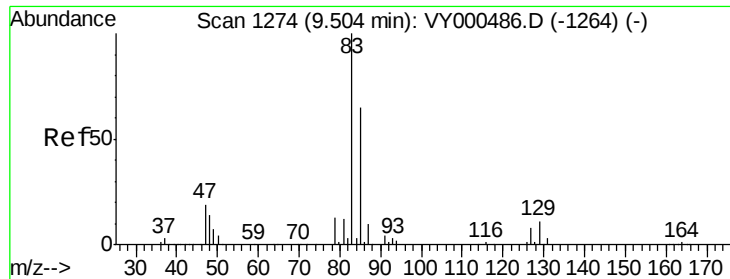
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#46
 Dibromomethane
 Concen: 20.683 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion: 93 Resp: 29193
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 95.1 77.1 115.7





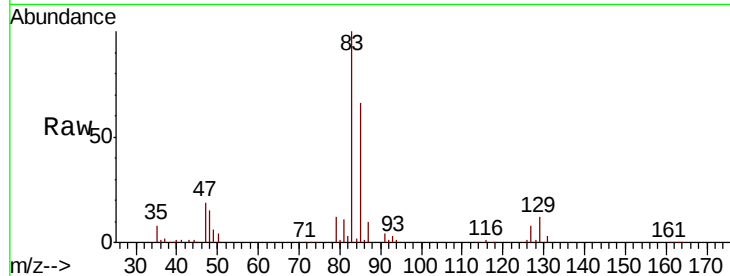
#47
Bromodichloromethane
Concen: 20.629 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

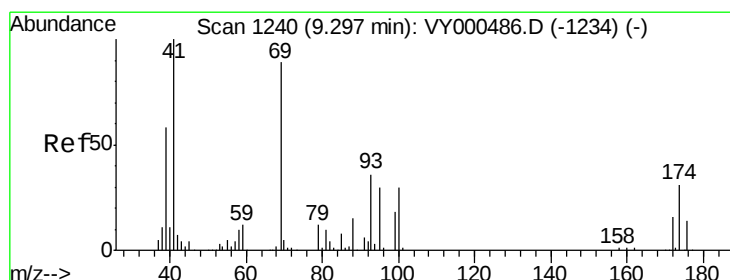
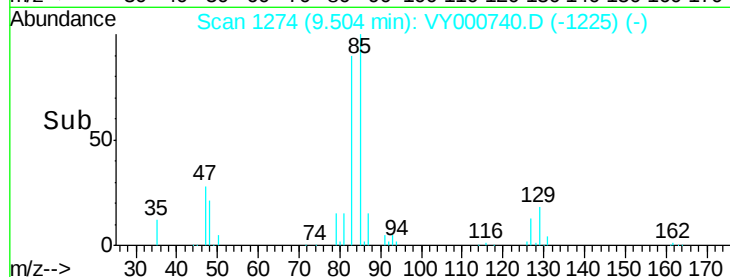
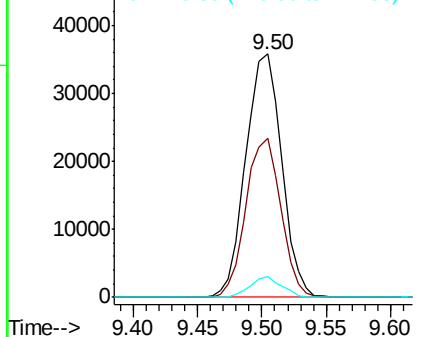
Tot Ion	Ratio	Resp	Lower	Upper
83	100	69087		
85	65.5		51.8	77.8
127	8.4		6.7	10.1

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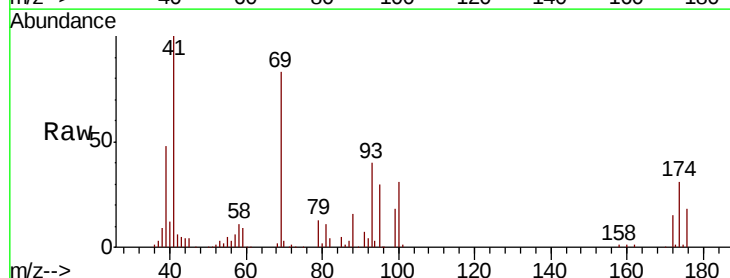


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

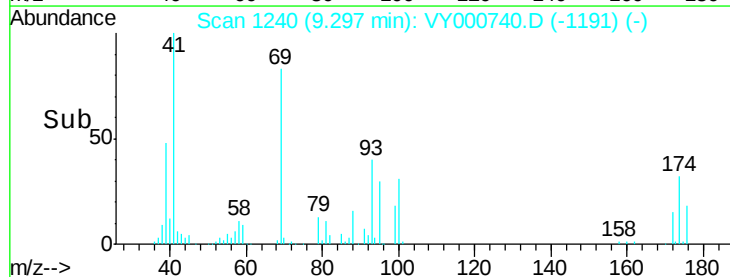
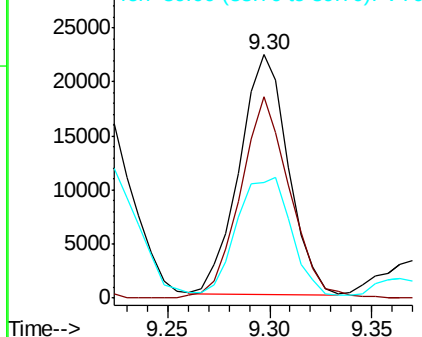


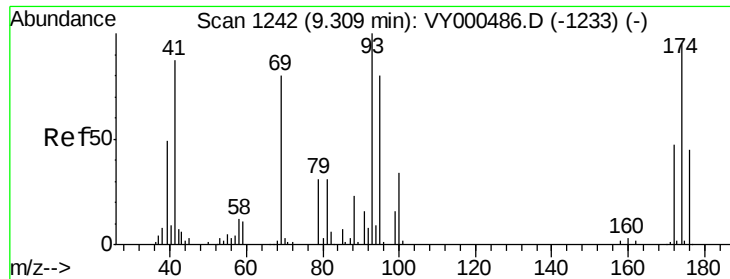
#48
Methyl methacrylate
Concen: 21.300 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	36916		
69	85.0		72.5	108.7
39	57.4		47.8	71.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





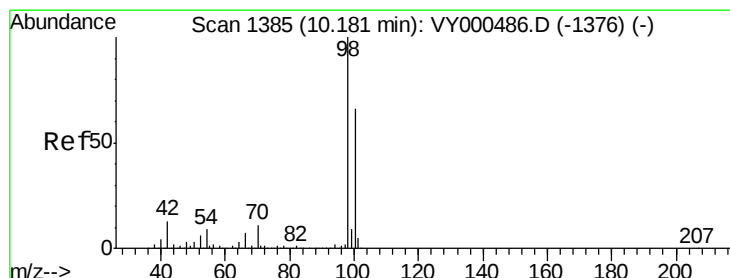
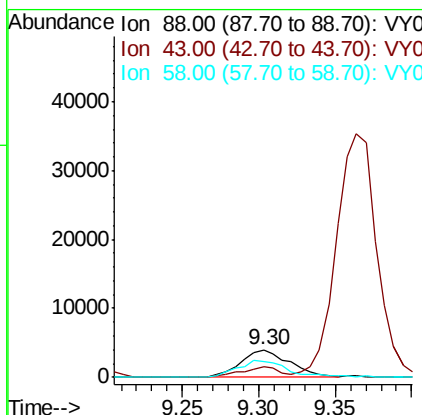
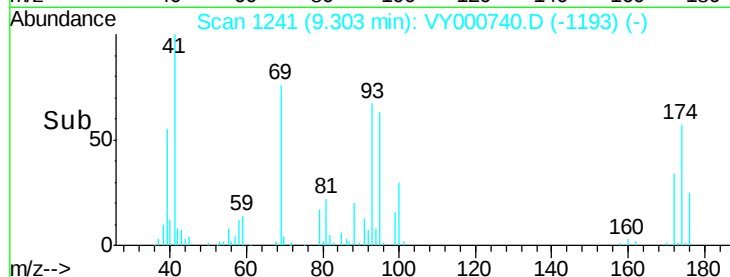
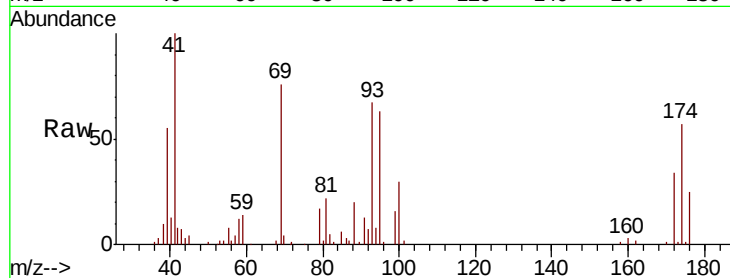
#49
1,4-Dioxane
Concen: 457.205 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.1	37.7
58	67.0	50.6	75.8

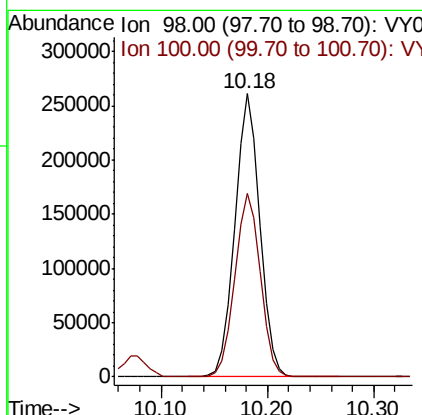
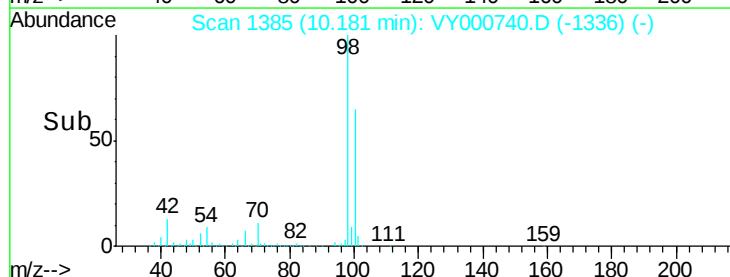
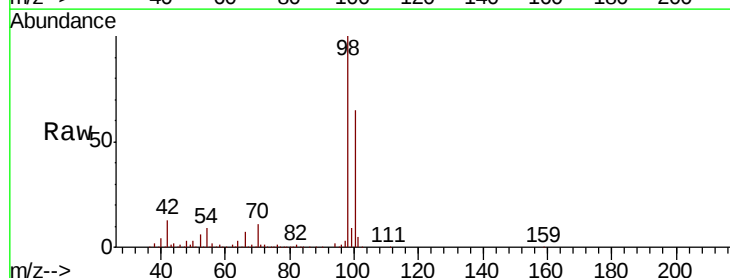
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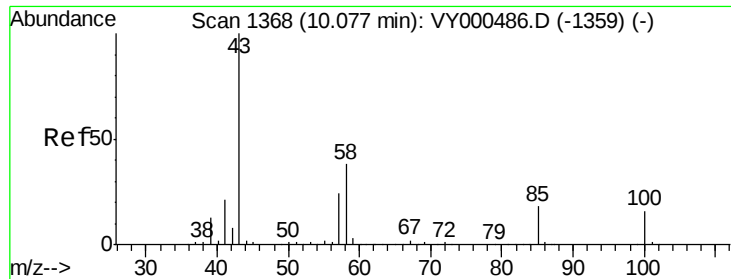
MMDadoda
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#50
Toluene-d8
Concen: 51.068 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 106.713 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 43 Resp: 225061

Ion Ratio Lower Upper

43 100

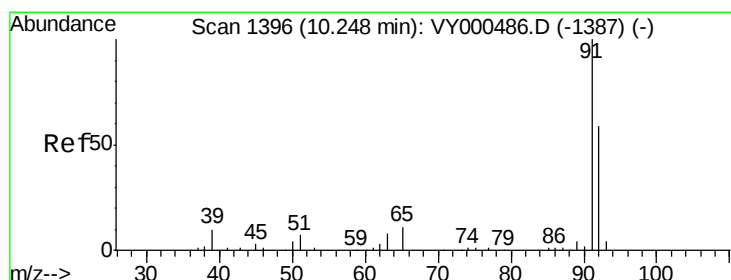
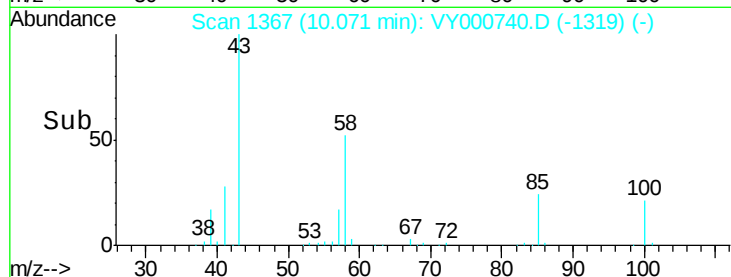
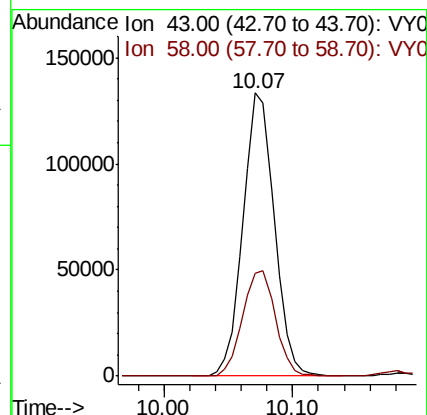
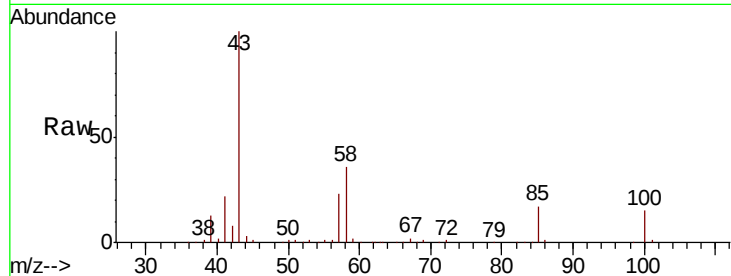
58 39.0 30.2 45.4

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#52

Toluene

Concen: 20.428 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000740.D

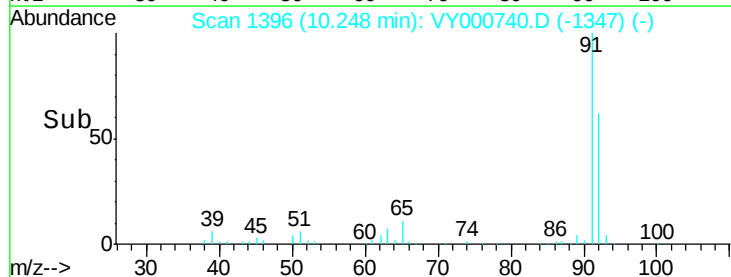
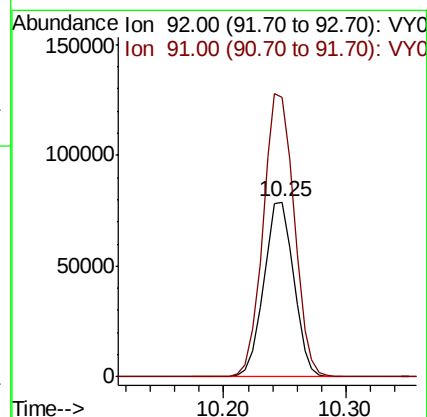
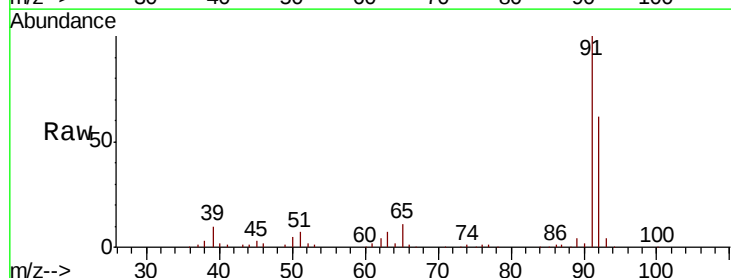
Acq: 19 Nov 2019 13:02

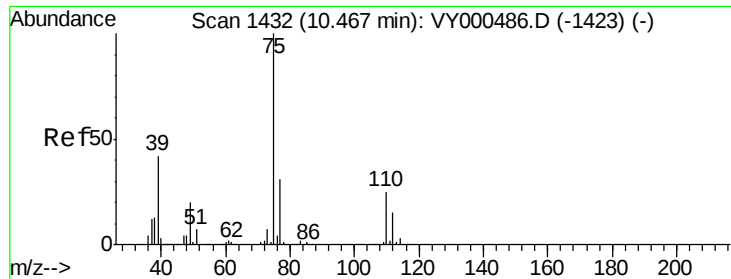
Tgt Ion: 92 Resp: 134674

Ion Ratio Lower Upper

92 100

91 168.1 136.3 204.5





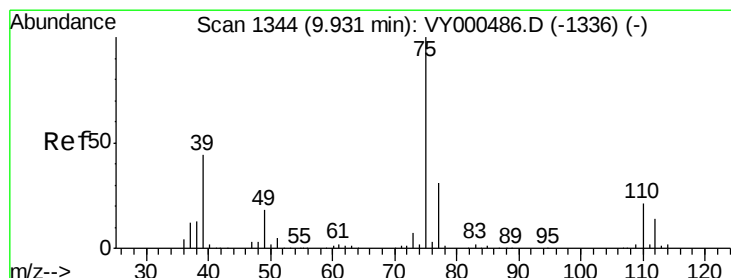
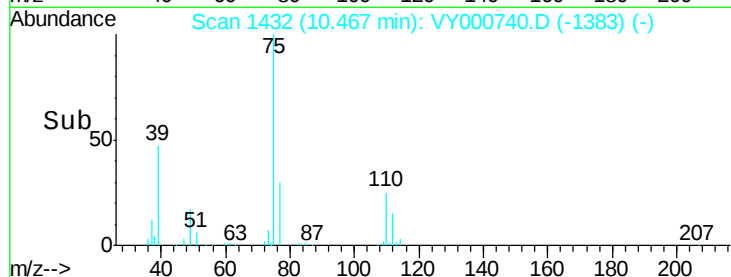
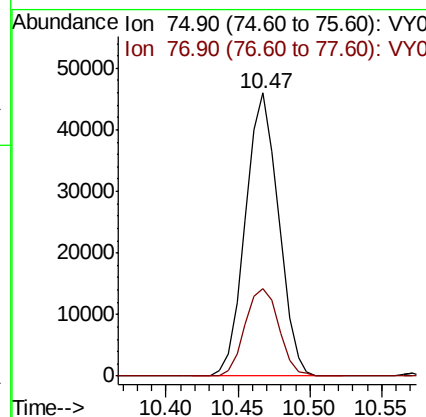
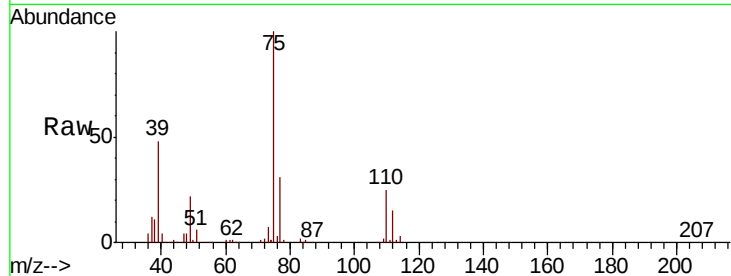
#53
 t-1,3-Dichloropropene
 Concen: 20.513 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion: 75 Resp: 73404
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0

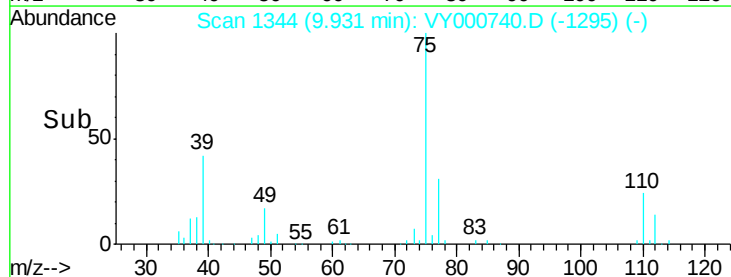
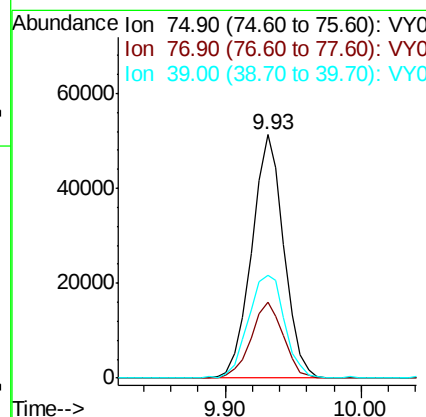
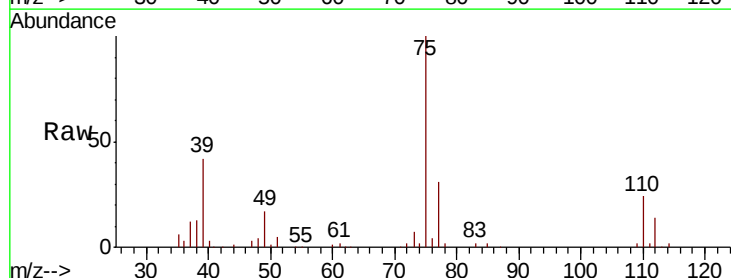
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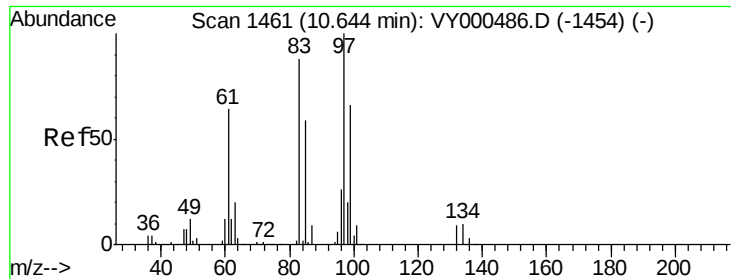
MMDadoda
 11/20/2019 9:57:27 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.654 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion: 75 Resp: 84671
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7
 39 42.4 35.4 53.2





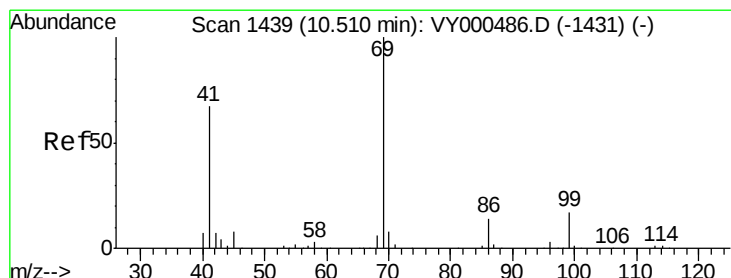
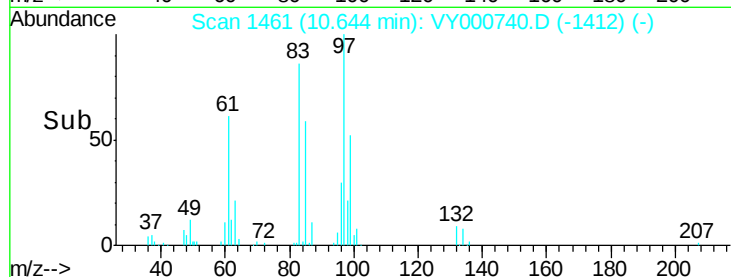
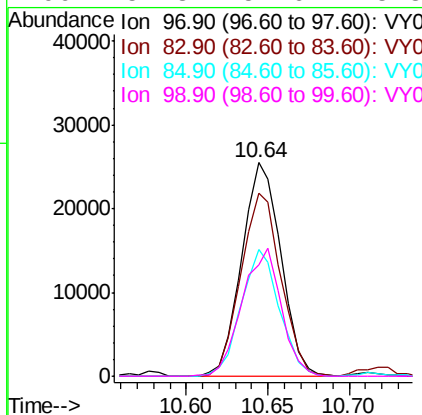
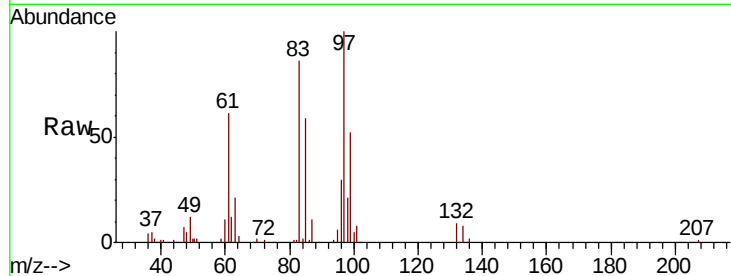
#55
 1,1,2-Trichloroethane
 Concen: 20.908 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		42683		
83	85.7	70.2	105.4		
85	59.2	46.9	70.3		
99	52.3	52.6	78.8#		

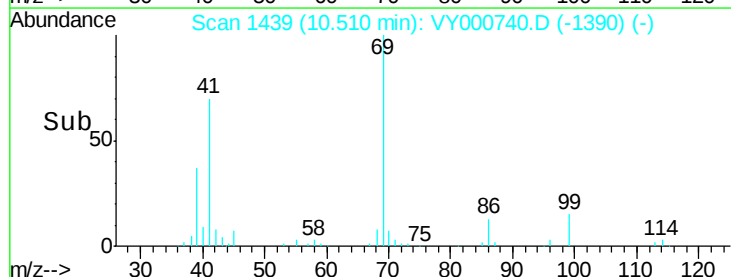
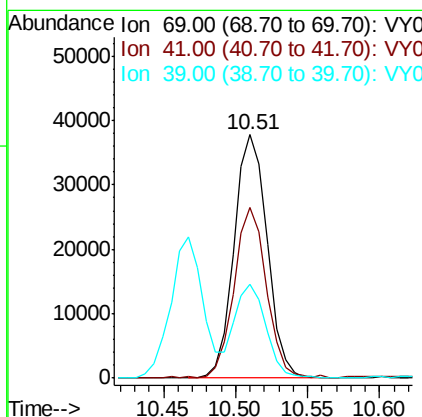
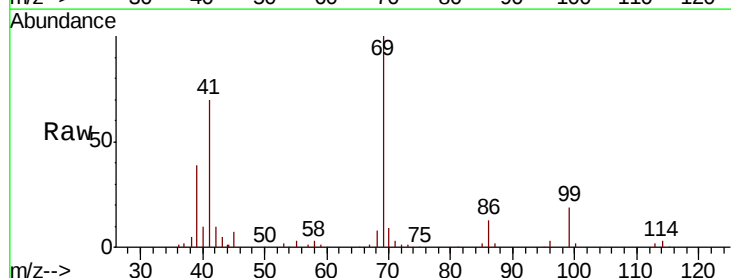
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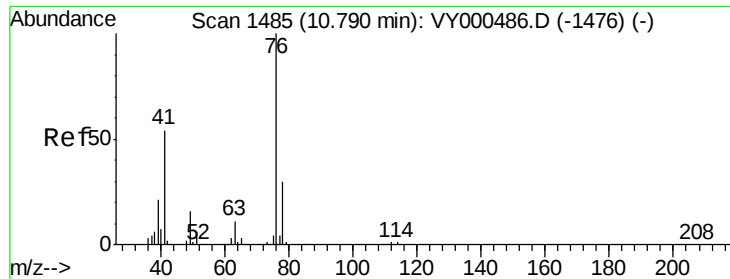
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#56
 Ethyl methacrylate
 Concen: 20.898 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		60468		
41	68.1	53.3	79.9		
39	36.1	28.0	42.0		





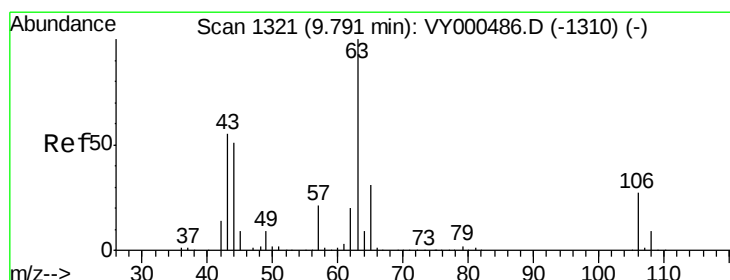
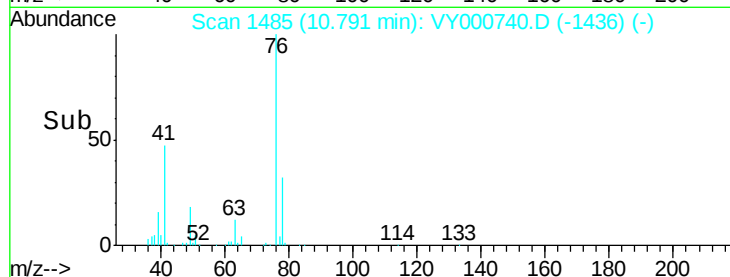
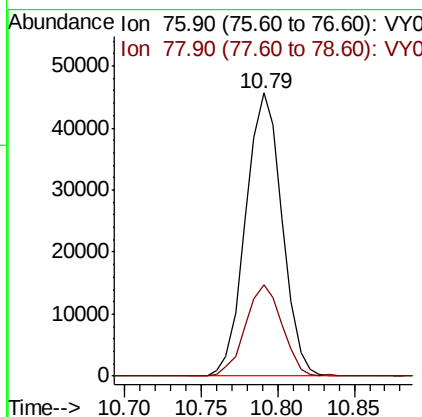
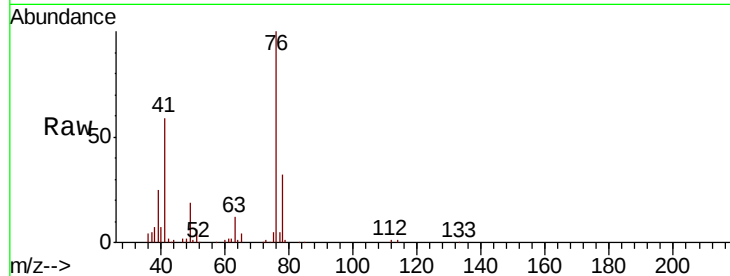
#57
 1,3-Dichloropropane
 Concen: 21.166 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion: 76 Resp: 75625
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8

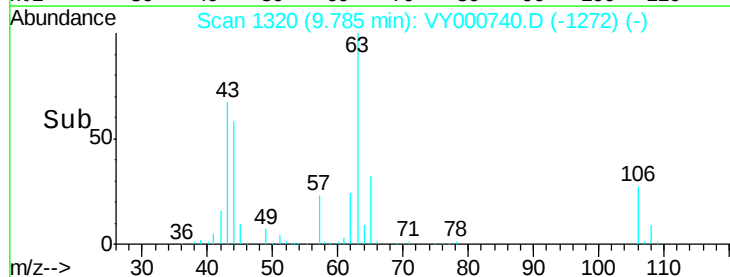
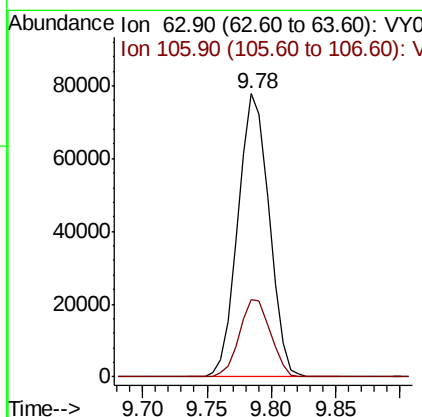
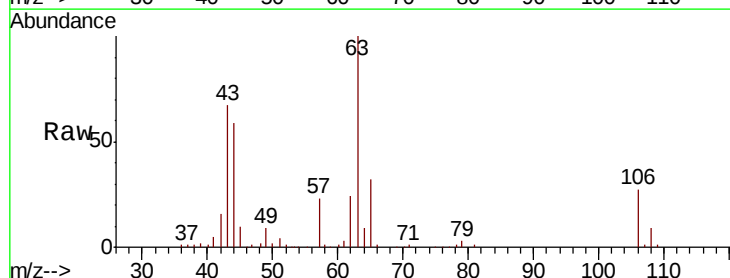
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 11/20/2019 9:57:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.971 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion: 63 Resp: 130772
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.6 33.8





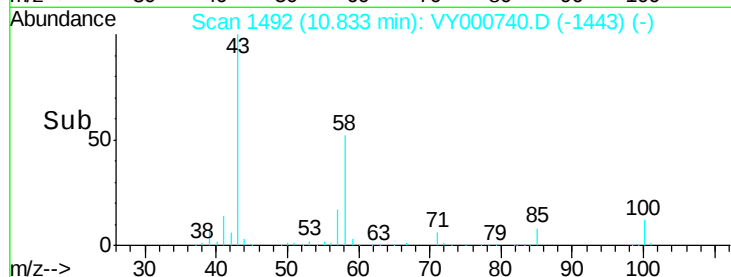
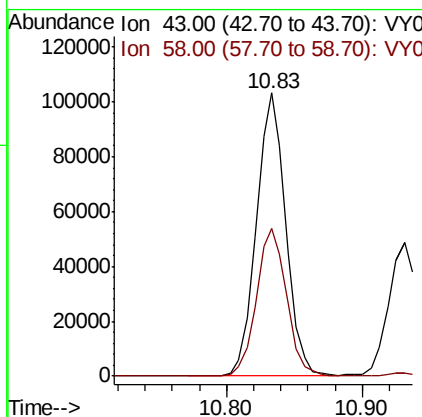
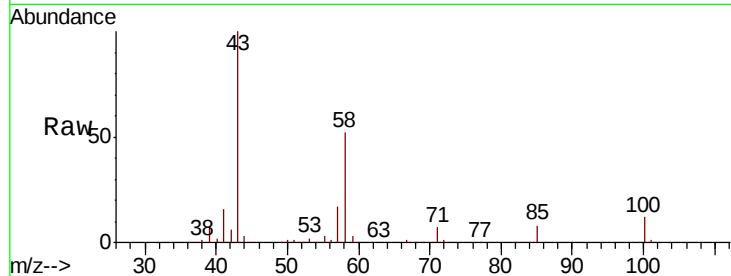
#59
2-Hexanone
Concen: 101.757 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 43 Resp: 156363
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.3

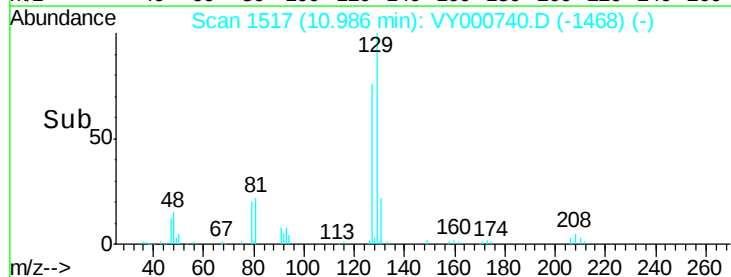
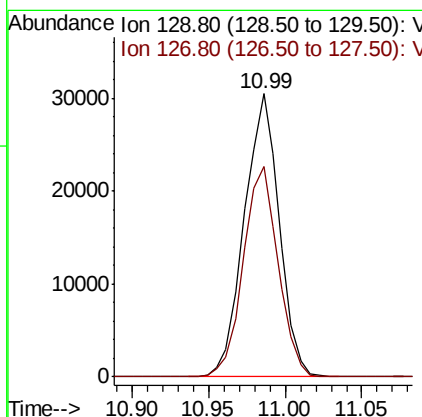
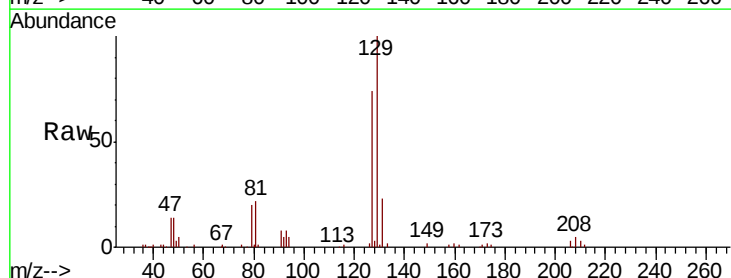
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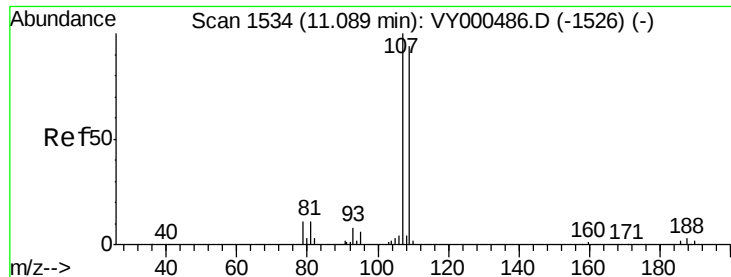
MMDadoda
11/20/2019 9:57:27 AM



#60
Dibromochloromethane
Concen: 20.640 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion: 129 Resp: 48264
Ion Ratio Lower Upper
129 100
127 74.2 39.1 117.2





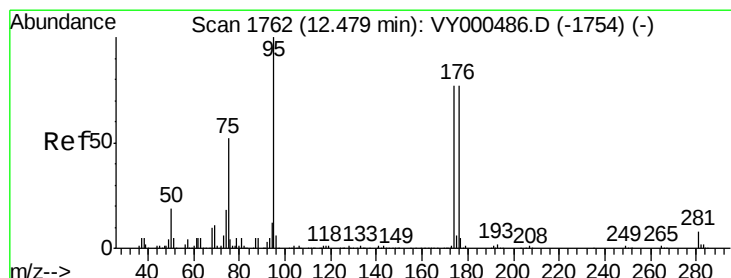
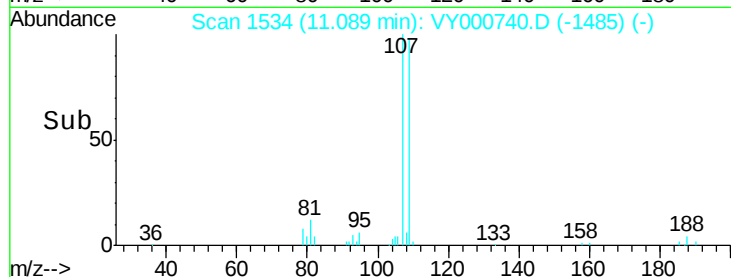
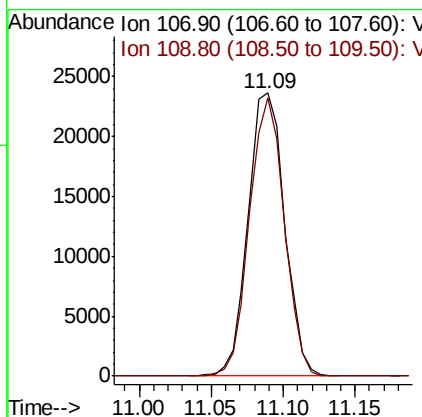
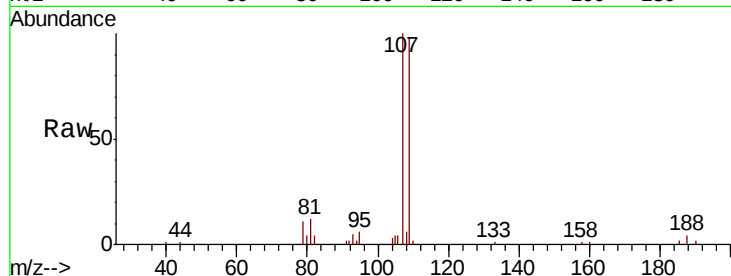
#61
 1,2-Dibromoethane
 Concen: 21.037 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	73.6	110.4

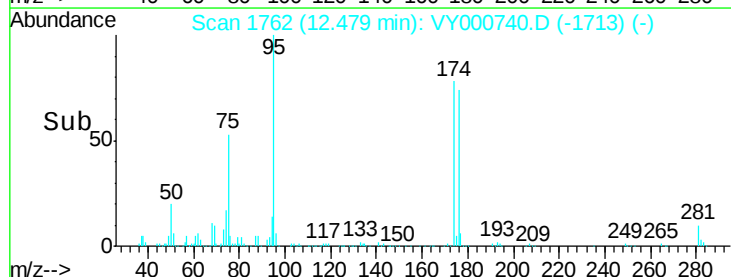
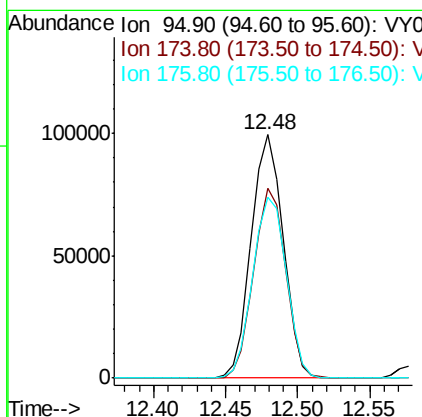
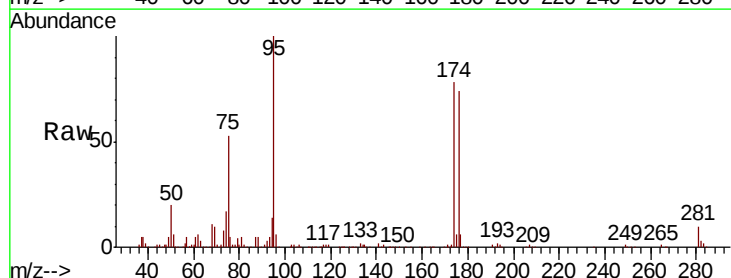
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#62
 4-Bromofluorobenzene
 Concen: 48.025 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	161.6
176	77.8	0.0	157.8





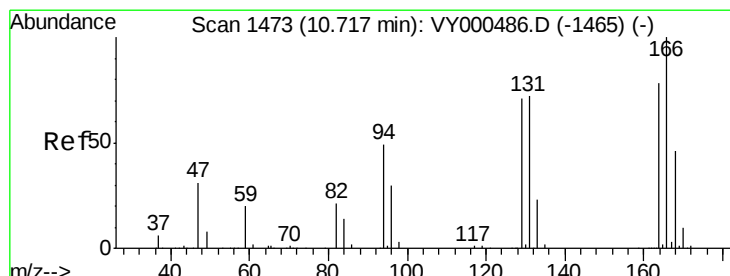
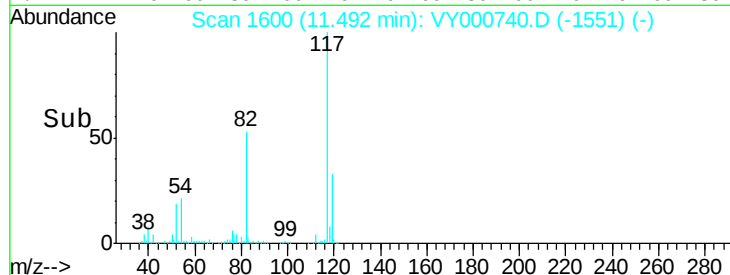
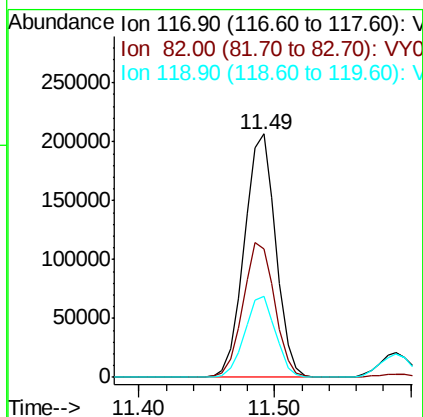
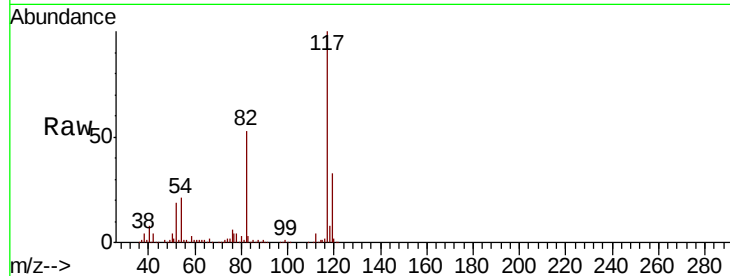
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.8	61.2
119	33.1	26.2	39.2

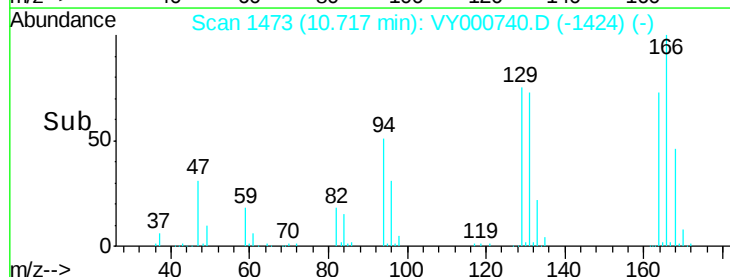
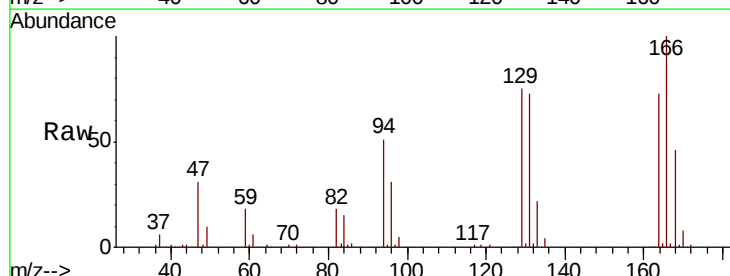
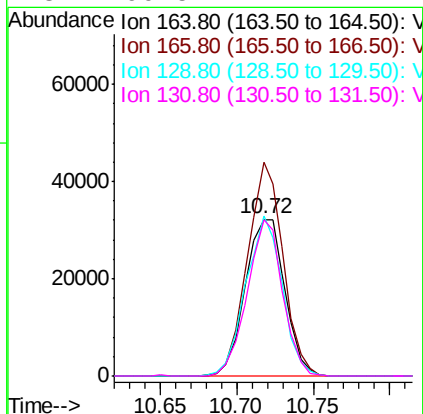
Manual Integrations
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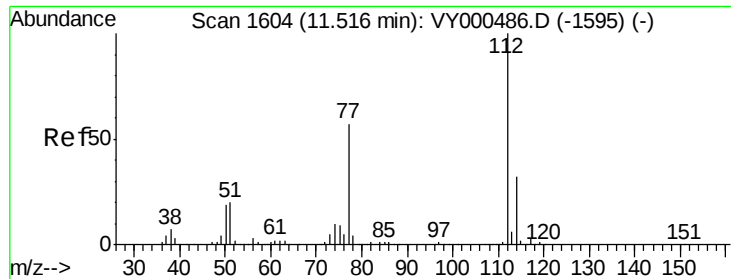
MMDadoda
11/20/2019 9:57:27 AM



#64
Tetrachloroethene
Concen: 21.080 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.3	102.7	154.1
129	101.9	73.2	109.8
131	99.5	74.2	111.2





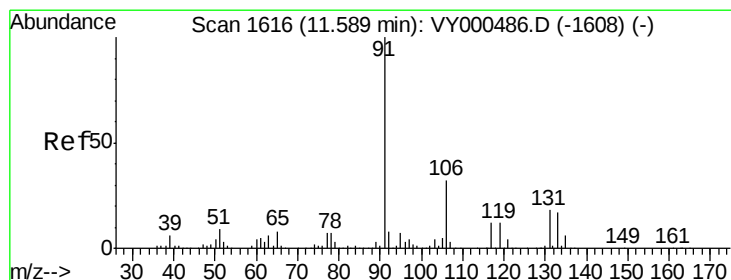
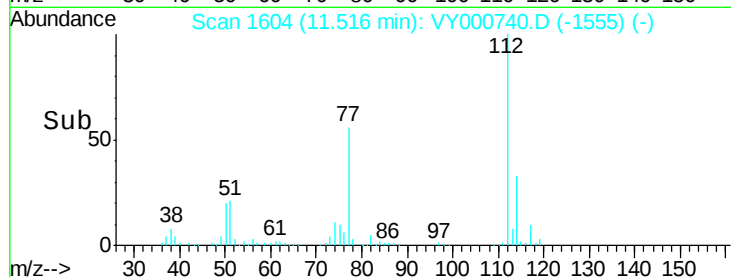
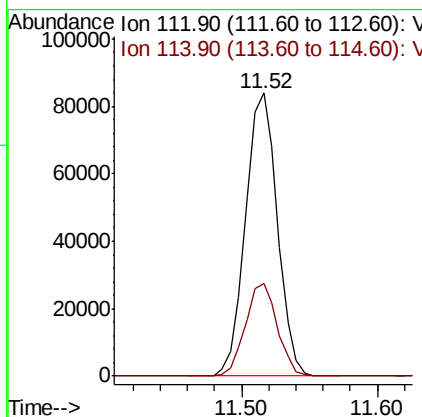
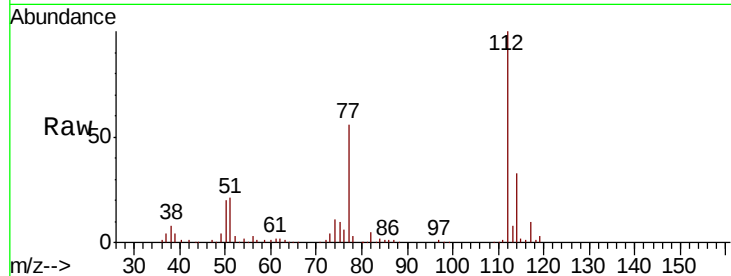
#65
Chlorobenzene
Concen: 20.431 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion:112 Resp: 137780
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9

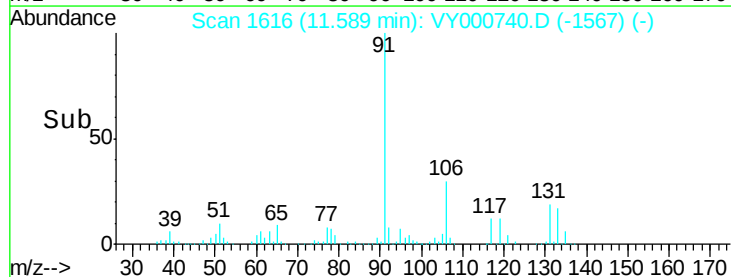
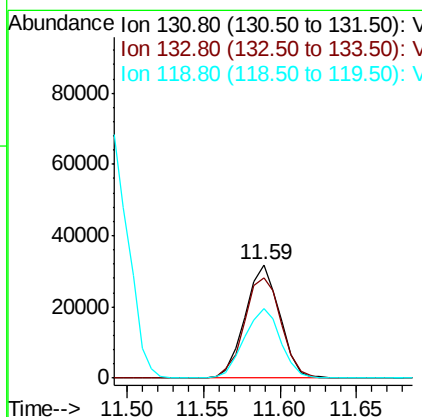
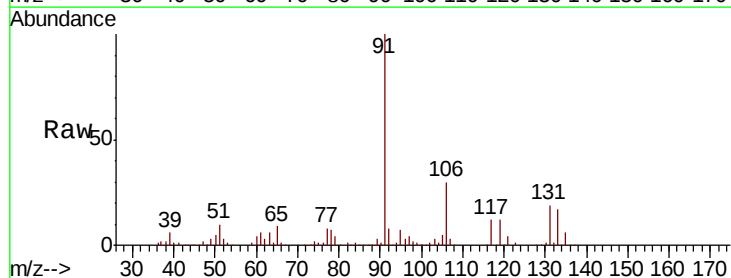
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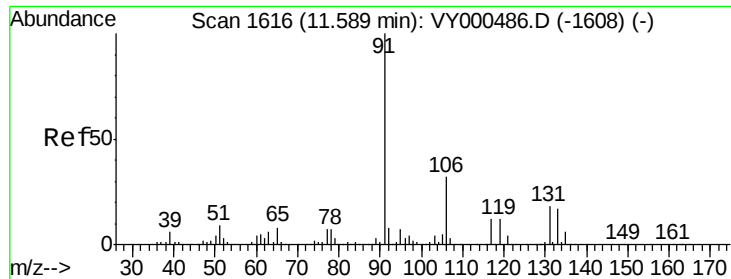
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.352 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion:131 Resp: 49938
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.8
119 64.3 33.1 99.3





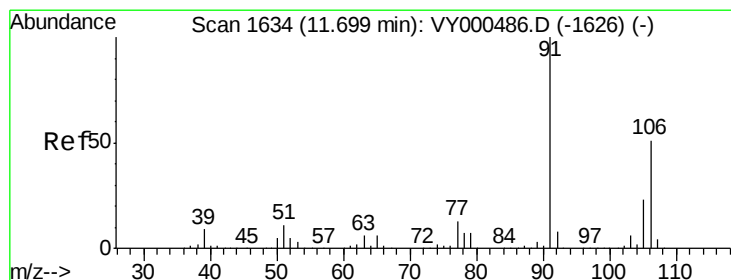
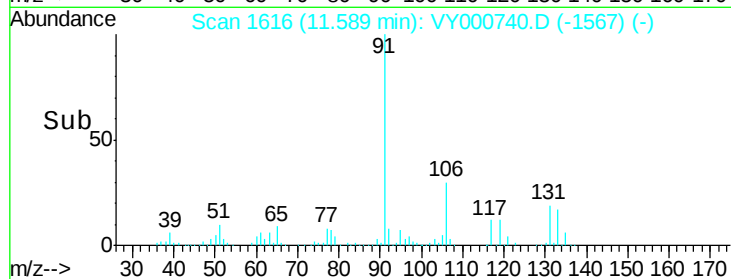
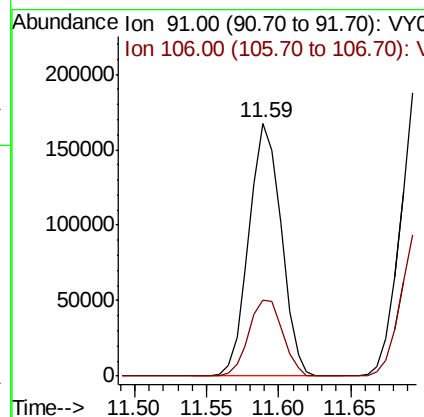
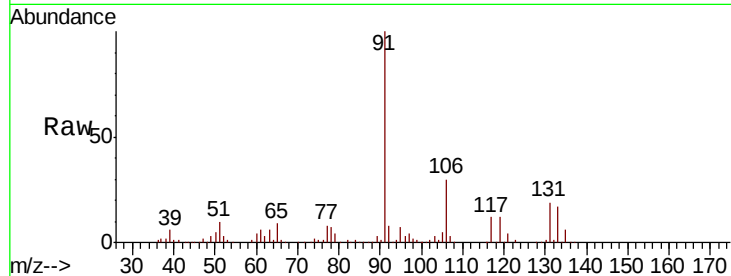
#67
Ethyl Benzene
Concen: 20.964 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 91 Resp: 260187
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.0

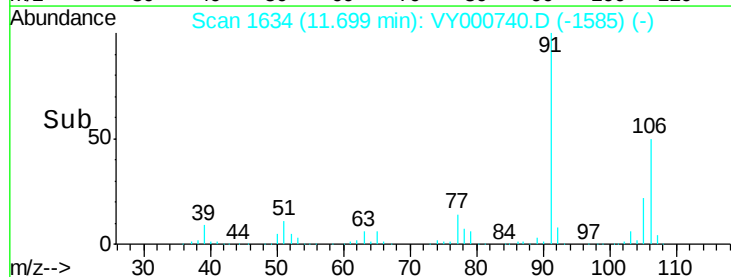
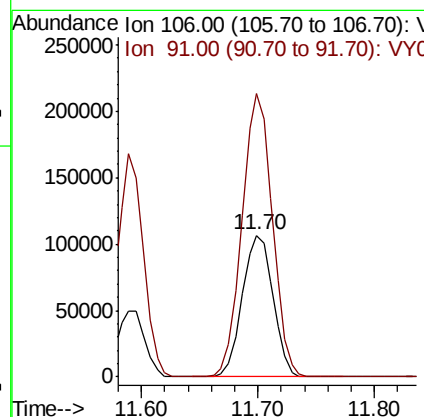
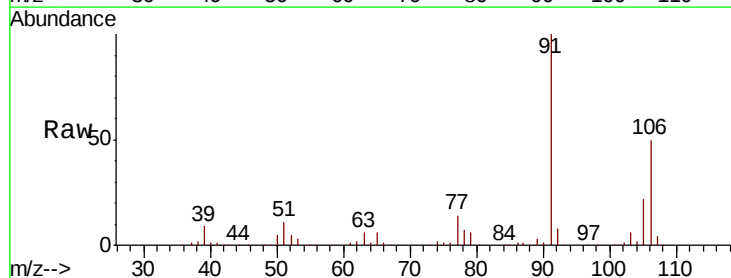
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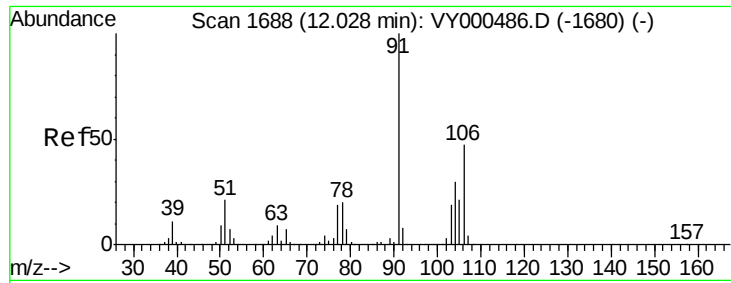
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#68
m/p-Xylenes
Concen: 41.002 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion: 106 Resp: 196957
Ion Ratio Lower Upper
106 100
91 197.4 155.9 233.9





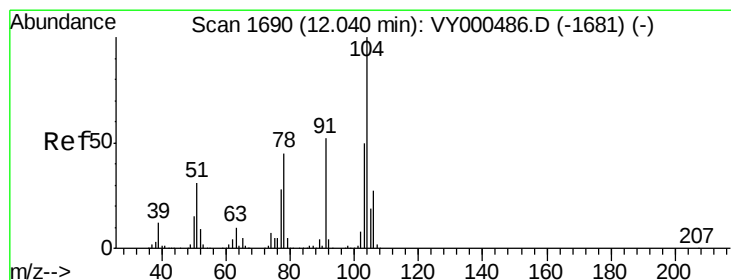
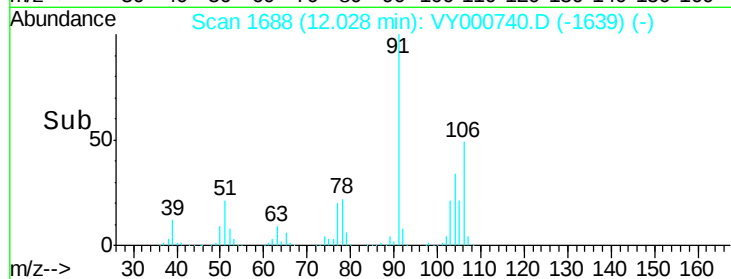
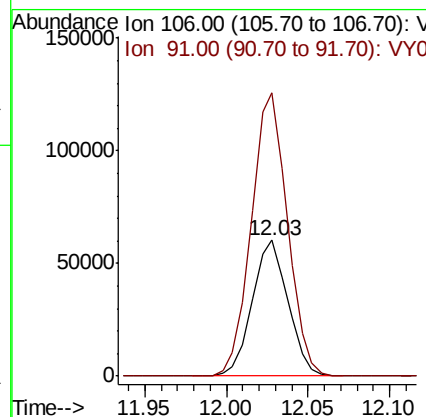
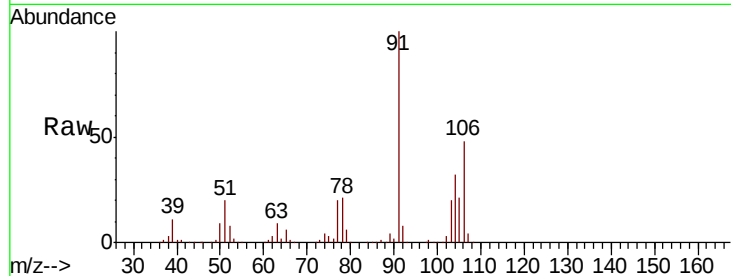
#69
o-Xylene
Concen: 20.361 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		91920		
91	210.9	106.5	319.6		

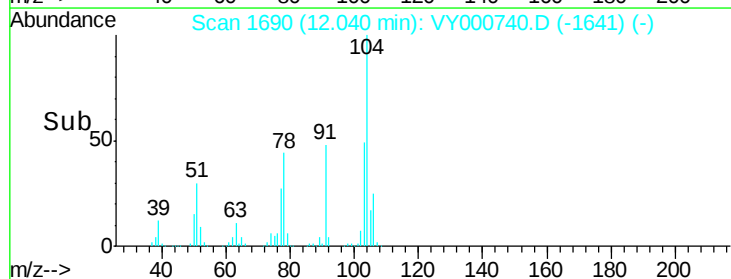
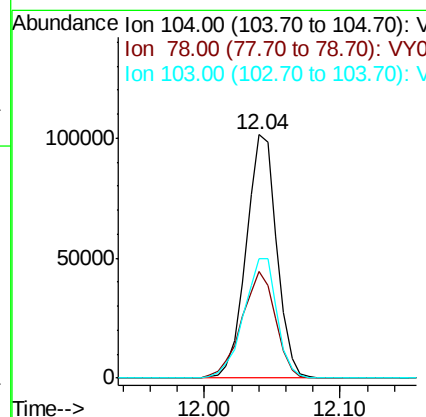
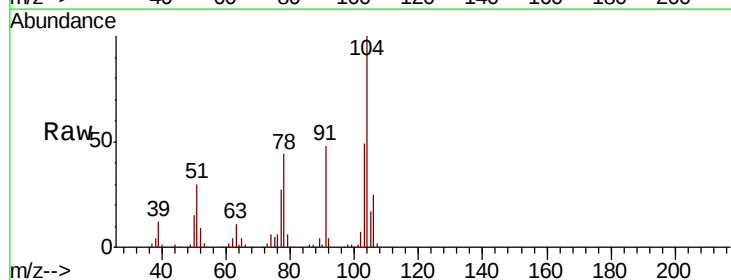
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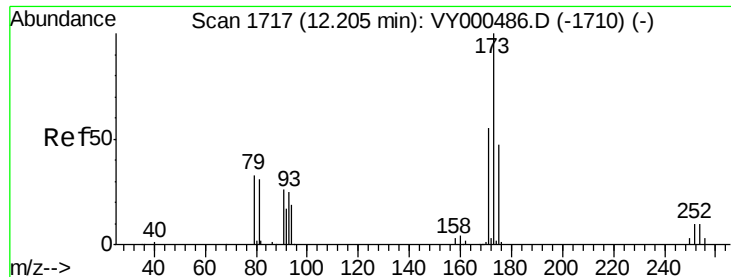
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#70
Styrene
Concen: 20.625 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		159445		
78	48.3	39.0	58.4		
103	53.4	42.5	63.7		





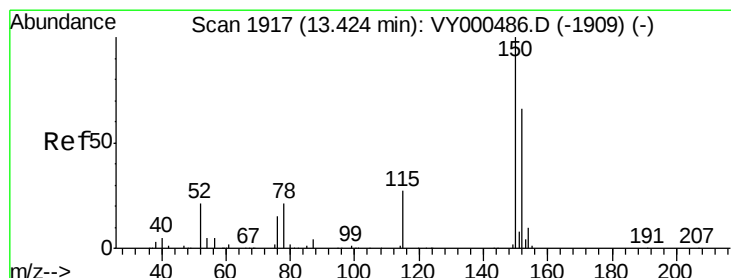
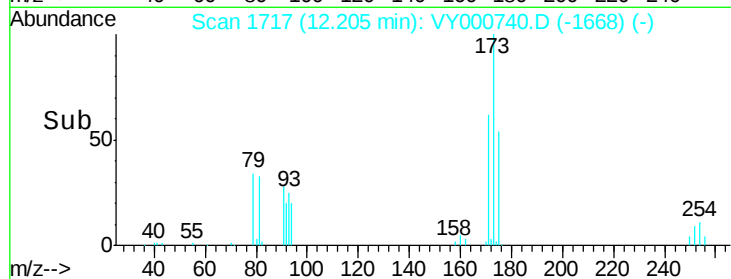
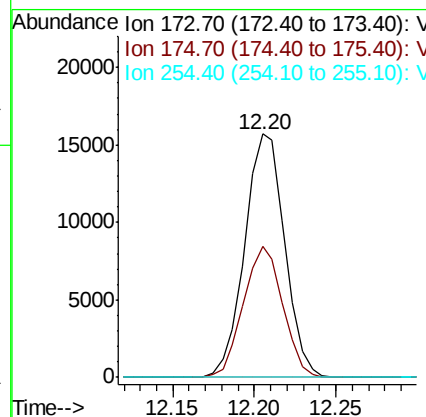
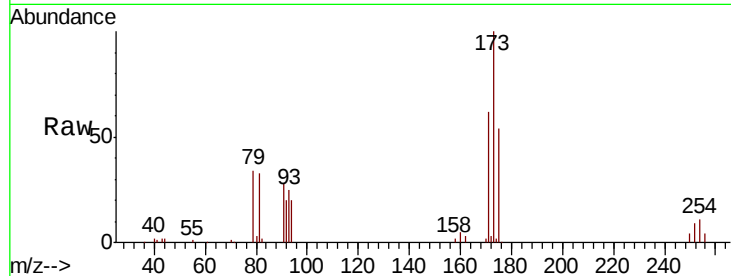
#71
Bromoform
Concen: 19.886 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	52.8	24.4	73.2
254	0.0	0.1	0.1#

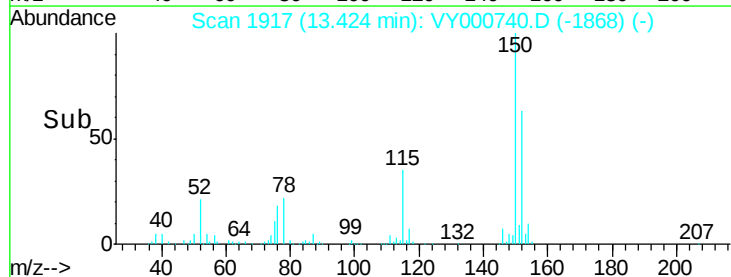
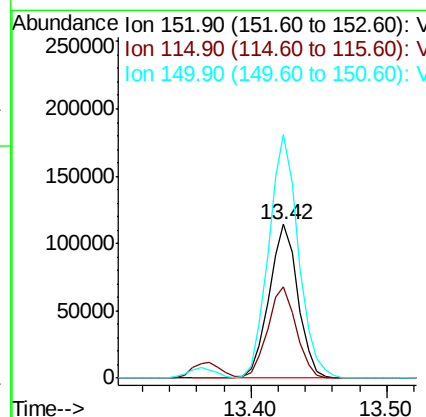
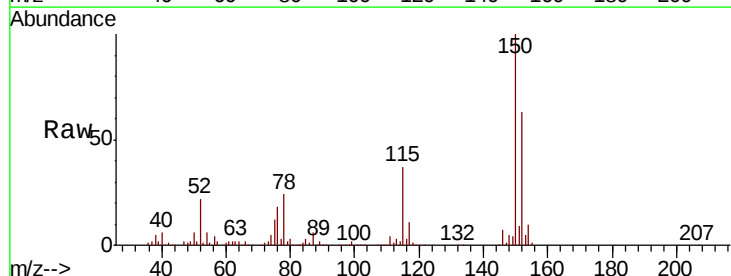
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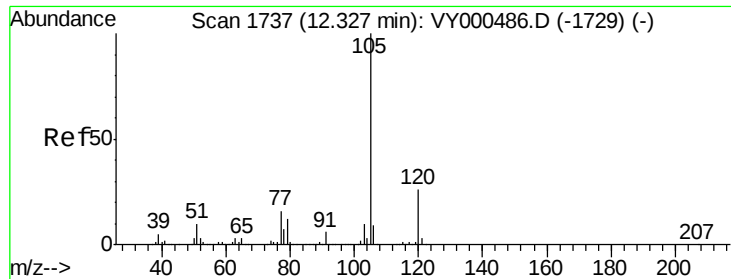
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.4
150	163.6	0.0	348.8





#73

Isopropylbenzene

Concen: 19.668 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion:105 Resp: 246522

Ion Ratio Lower Upper

105 100

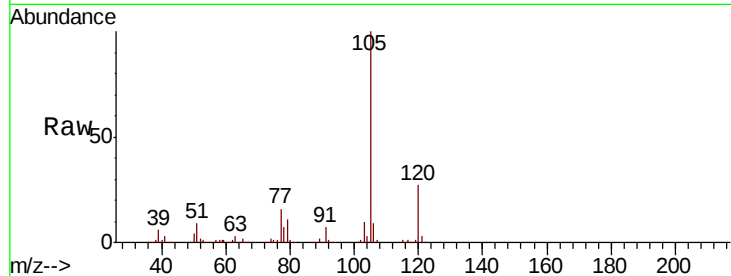
120 27.8 13.5 40.4

Manual Integrations

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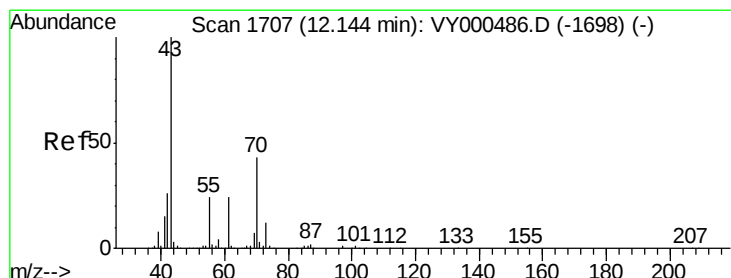
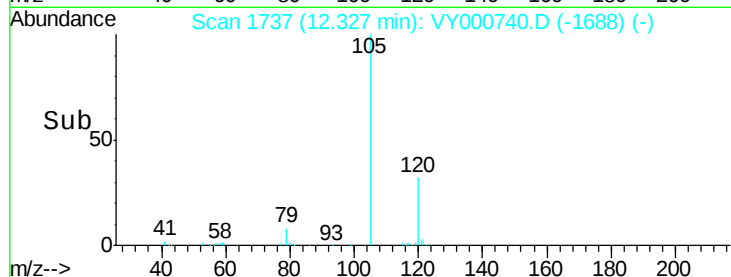
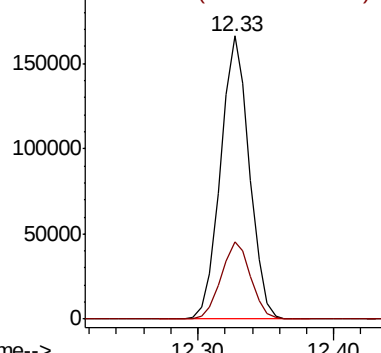
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.159 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Tgt Ion: 43 Resp: 75956

Ion Ratio Lower Upper

43 100

70 39.8 33.1 49.7

55 22.7 18.0 27.0

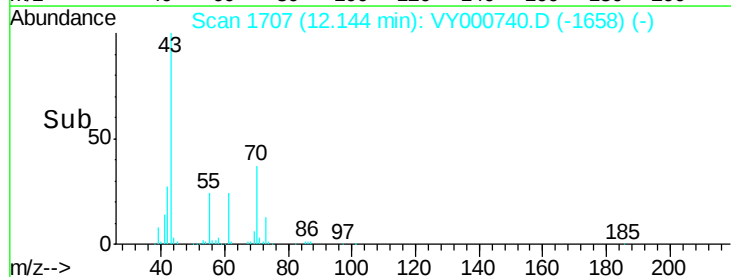
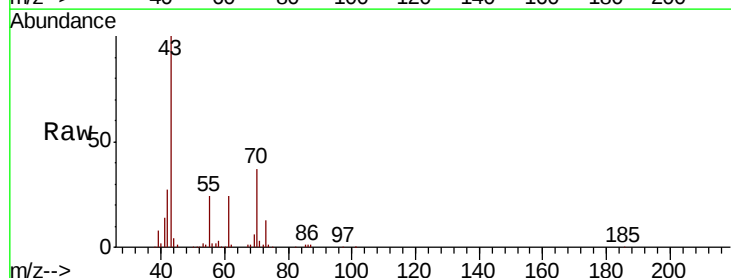
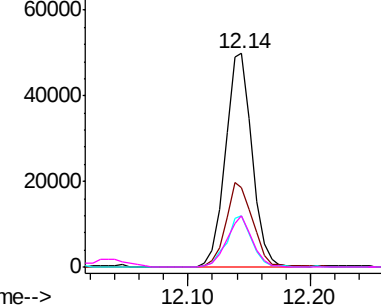
61 22.8 19.1 28.7

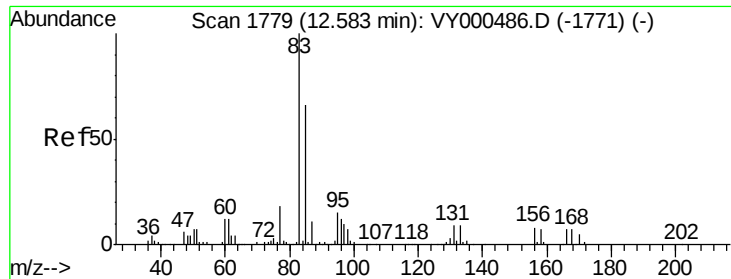
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.290 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

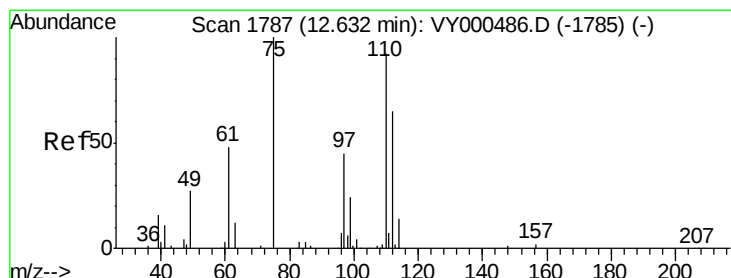
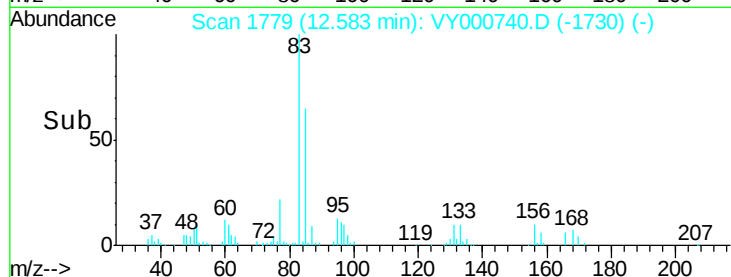
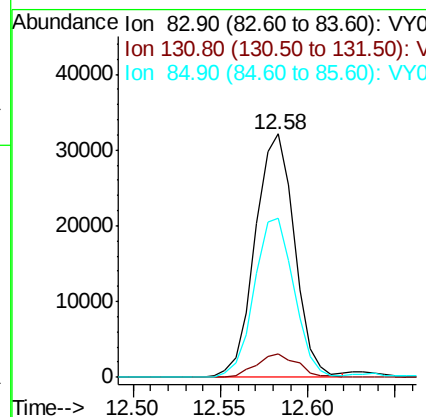
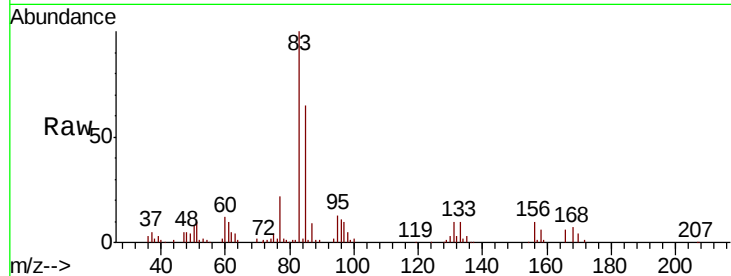
ClientSampleId :

VY1119SBS01

Tot Ion:	83	Resp:	50354
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.9	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 18.701 ug/l m

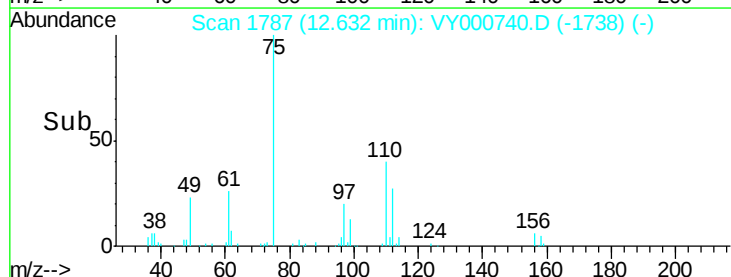
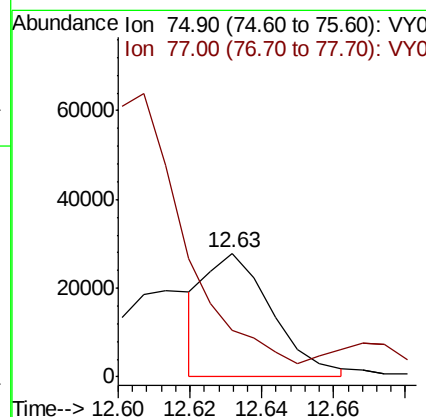
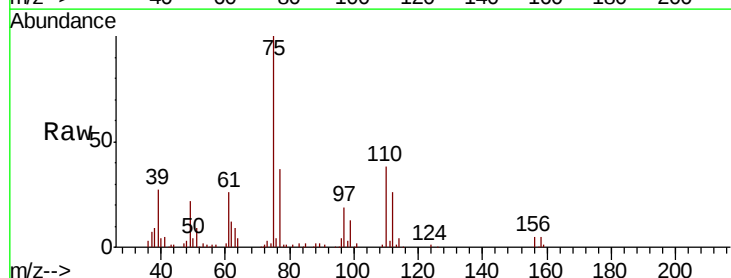
RT: 12.63 min Scan# 1787

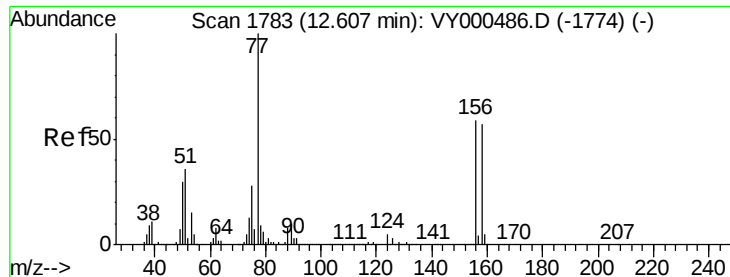
Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Tgt Ion:	75	Resp:	36111
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.351 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion:156 Resp: 57845

Ion Ratio Lower Upper

156 100

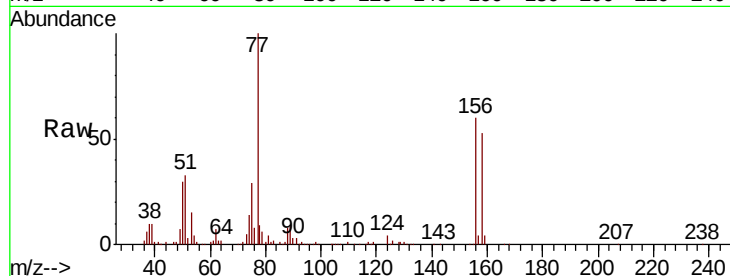
77 198.5 98.2 294.4

158 94.1 49.6 149.0

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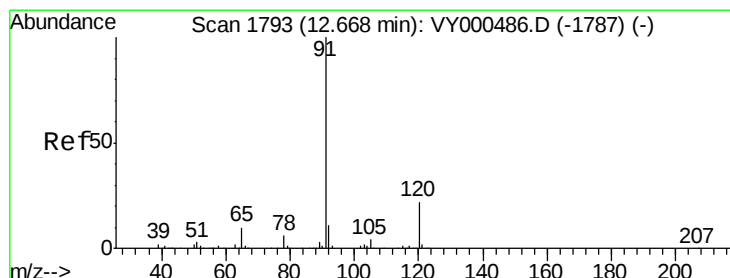
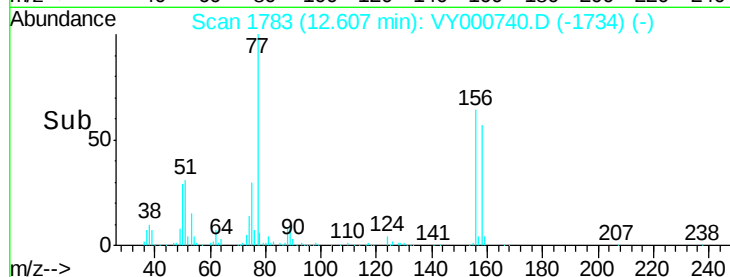
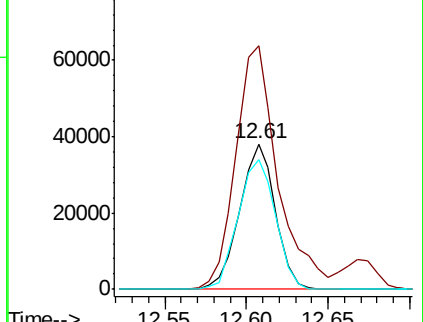
11/20/2019 9:57:27 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.110 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000740.D

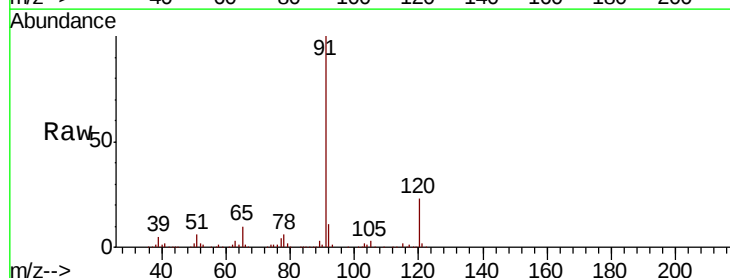
Acq: 19 Nov 2019 13:02

Tgt Ion: 91 Resp: 304136

Ion Ratio Lower Upper

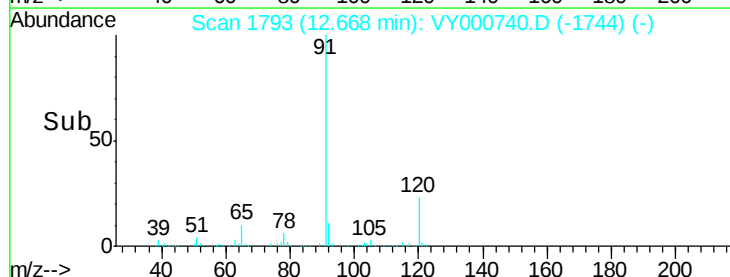
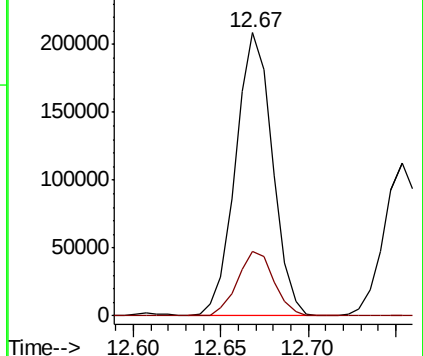
91 100

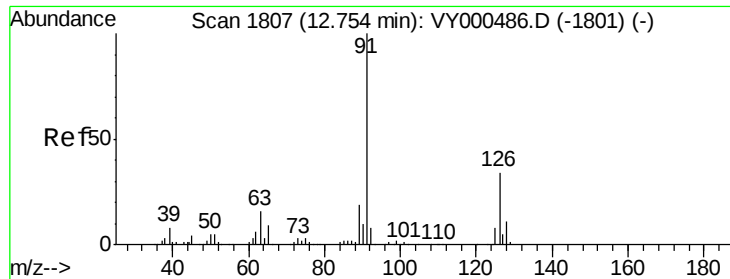
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.742 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 91 Resp: 165750

Ion Ratio Lower Upper

91 100

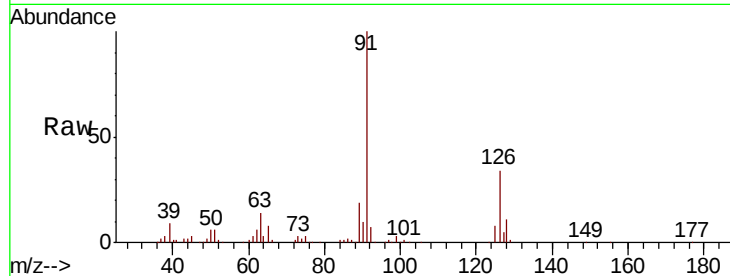
126 34.5 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VY000740.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY000740.D (-1758) (-)

12.75

120000

100000

80000

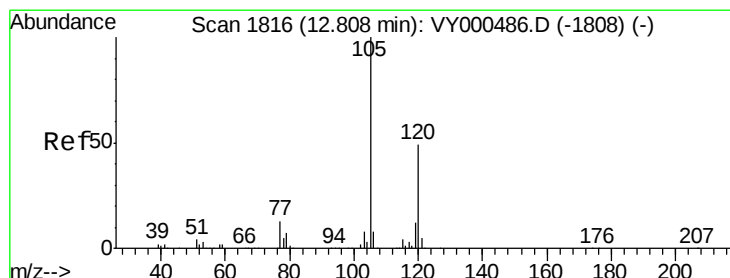
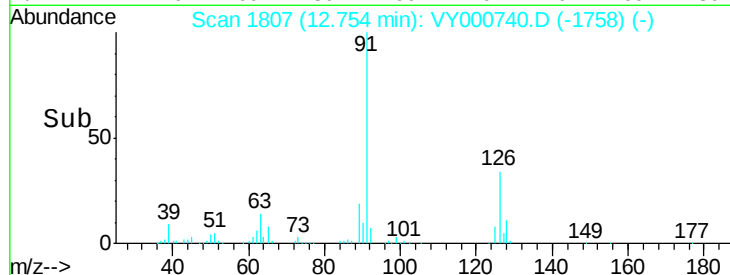
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.099 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000740.D

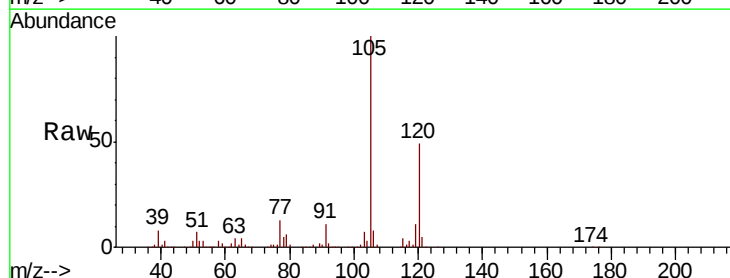
Acq: 19 Nov 2019 13:02

Tgt Ion: 105 Resp: 209812

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000740.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000740.D (-1767) (-)

12.81

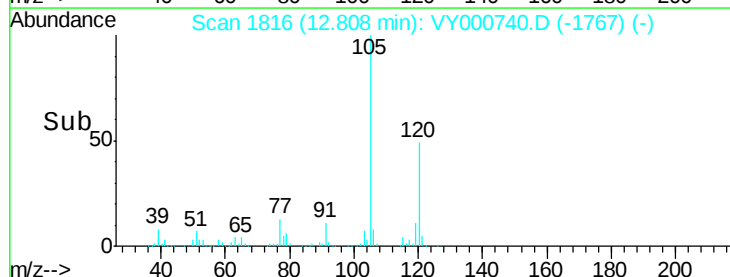
150000

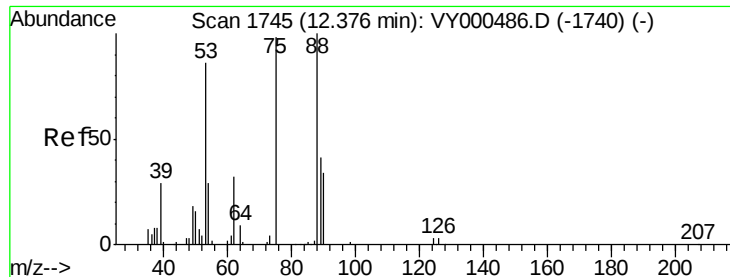
100000

50000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.603 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

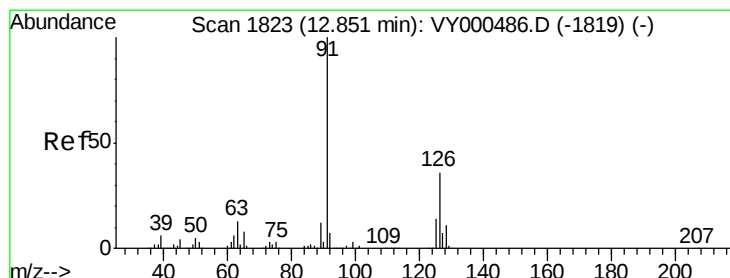
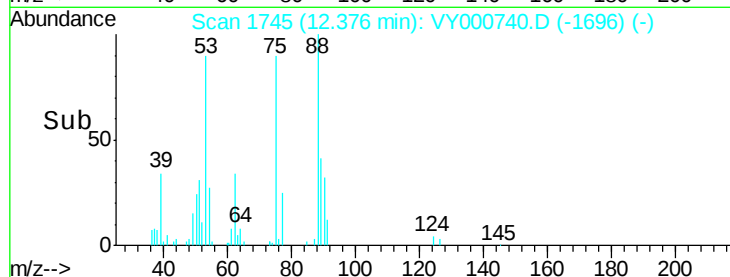
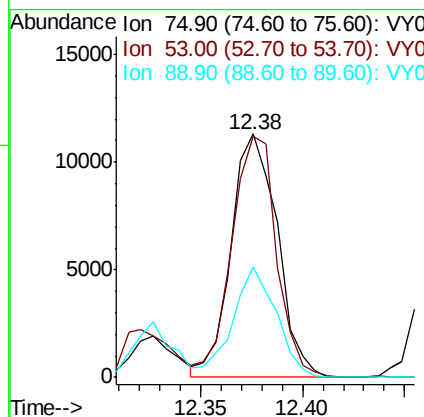
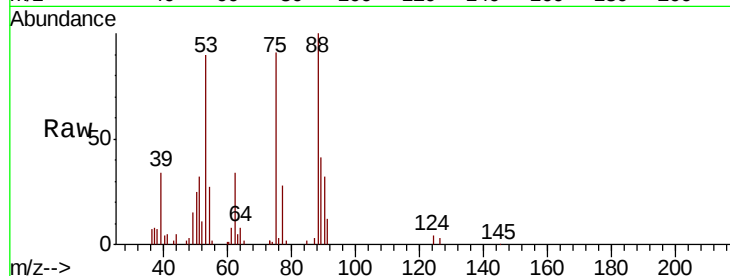
ClientSampleId :

VY1119SBS01

Tot Ion:	75	Resp:	17744
Ion	Ratio	Lower	Upper
75	100		
53	96.3	73.2	109.8
89	43.1	35.9	53.9

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#82

4-Chlorotoluene

Concen: 20.263 ug/l

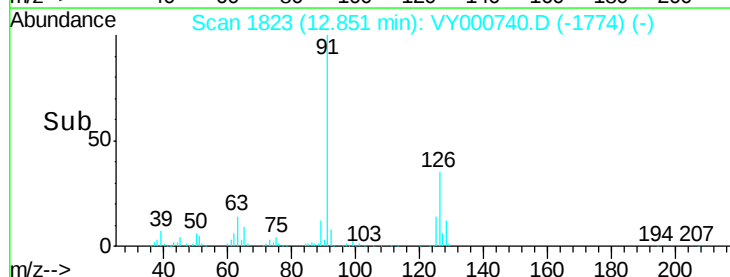
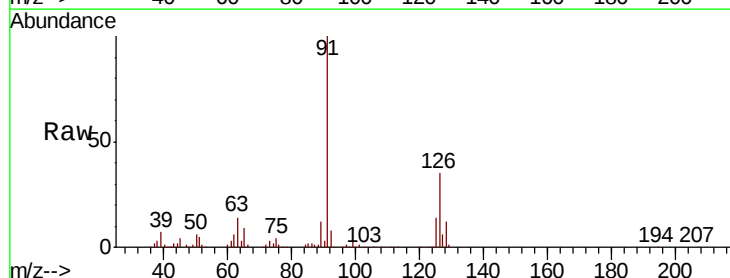
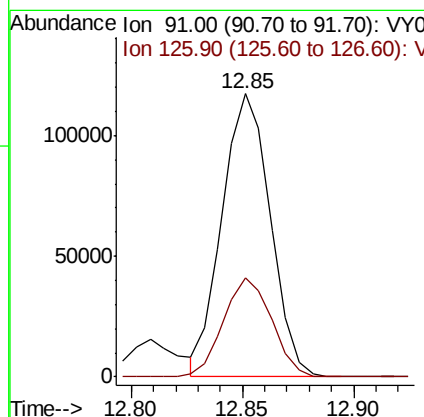
RT: 12.85 min Scan# 1823

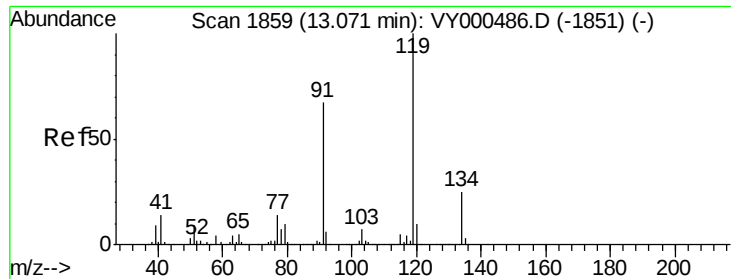
Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Tgt Ion:	91	Resp:	176348
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.6	52.9





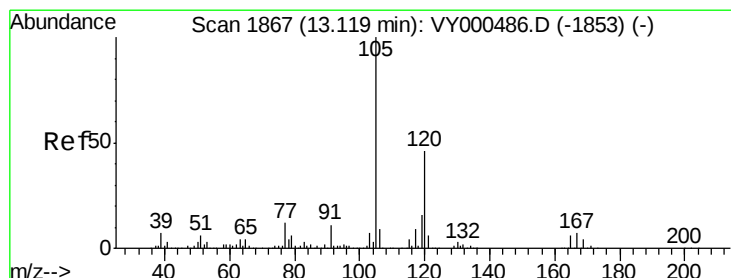
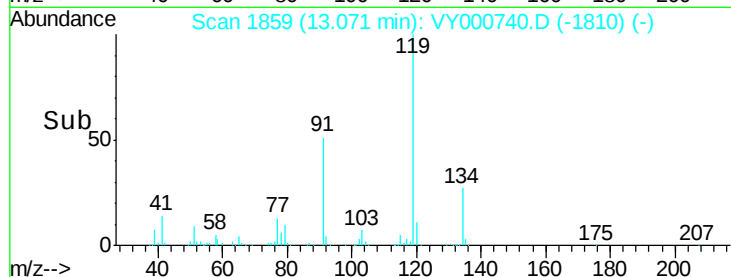
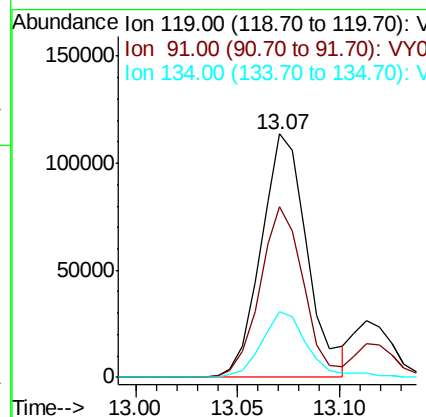
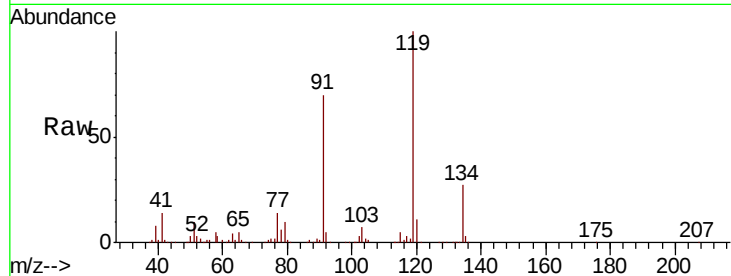
#83
tert-Butylbenzene
Concen: 20.043 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.1	96.3
134	27.1	13.2	39.5

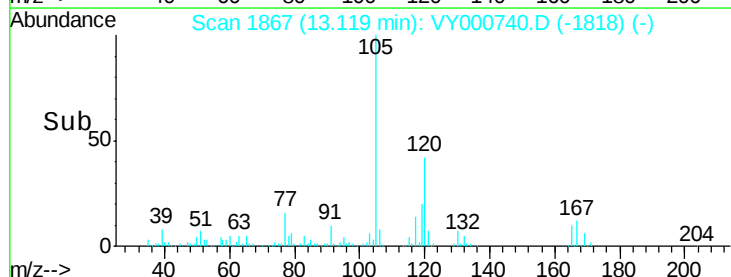
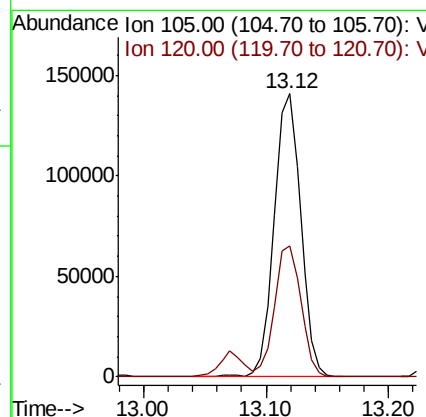
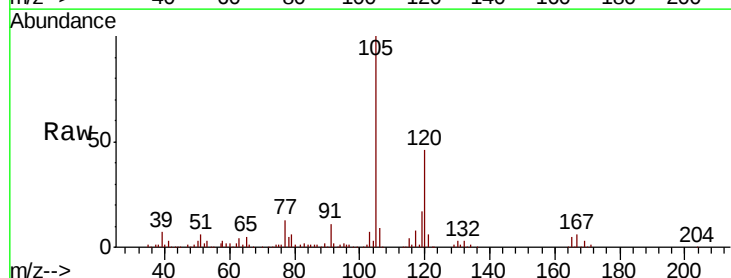
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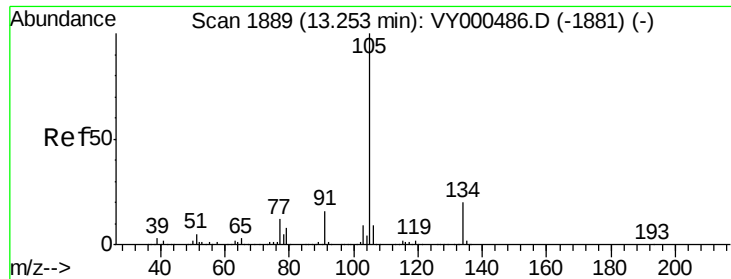
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#84
1,2,4-Trimethylbenzene
Concen: 20.515 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.3	69.9





#85

sec-Butylbenzene

Concen: 20.308 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion:105 Resp: 257885

Ion Ratio Lower Upper

105 100

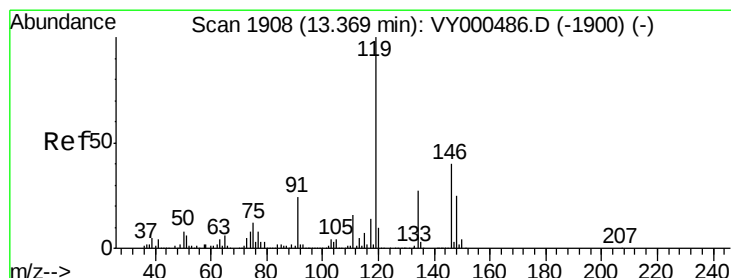
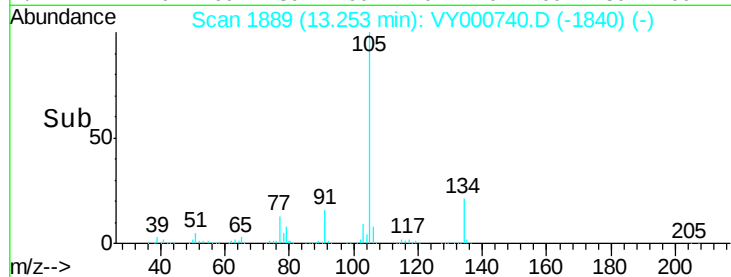
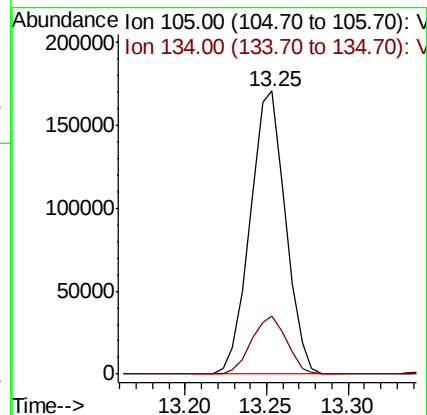
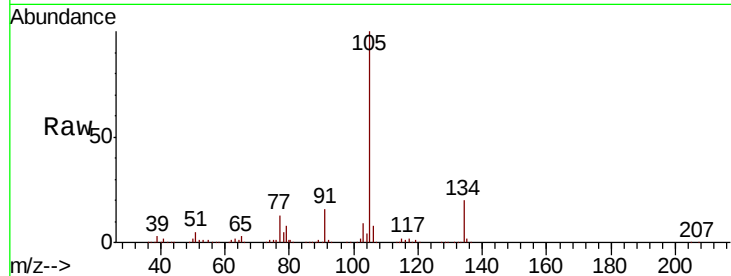
134 20.4 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.039 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000740.D

Acq: 19 Nov 2019 13:02

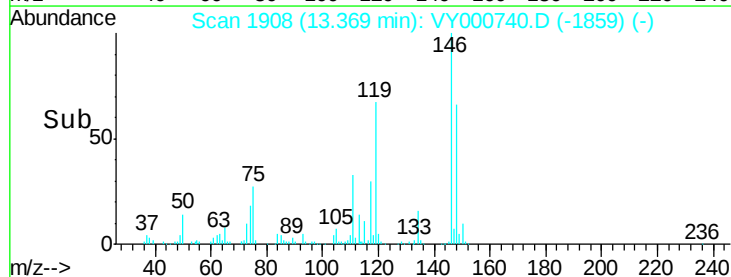
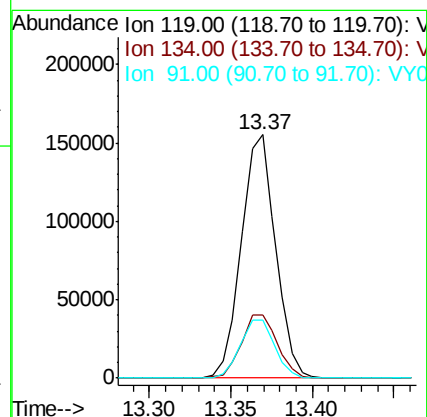
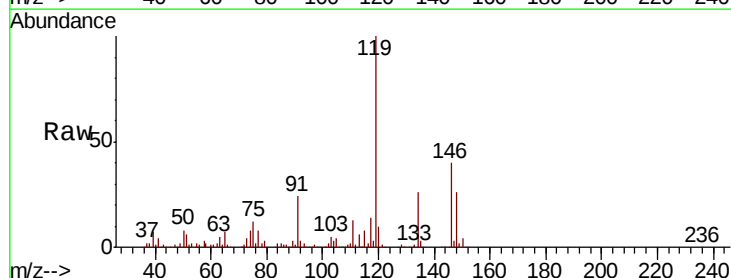
Tgt Ion:119 Resp: 226796

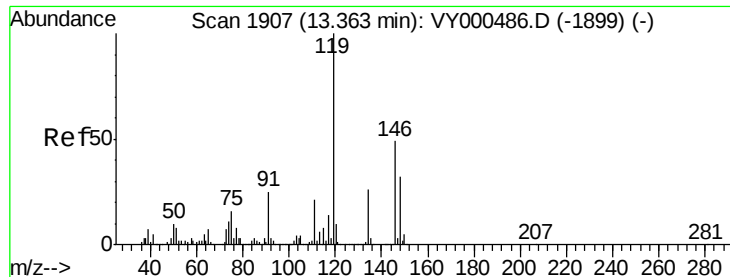
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 24.4 12.0 36.1





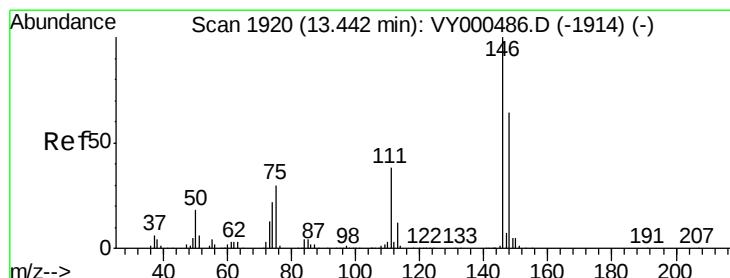
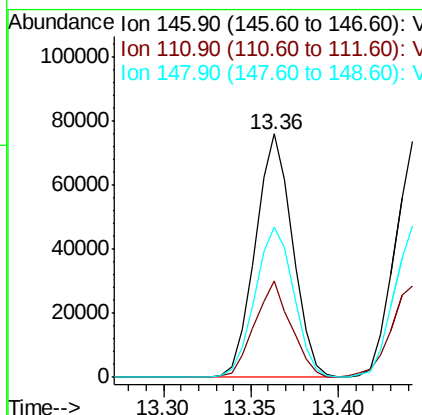
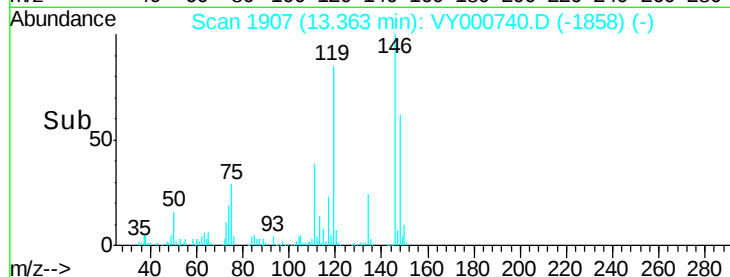
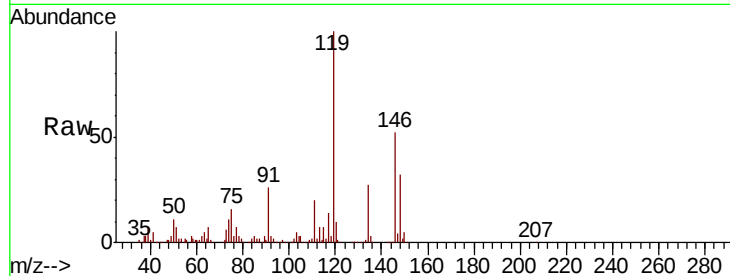
#87
 1,3-Dichlorobenzene
 Concen: 20.230 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.8
148	64.2	31.5	94.5

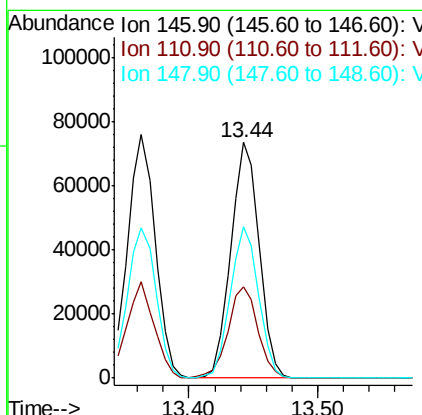
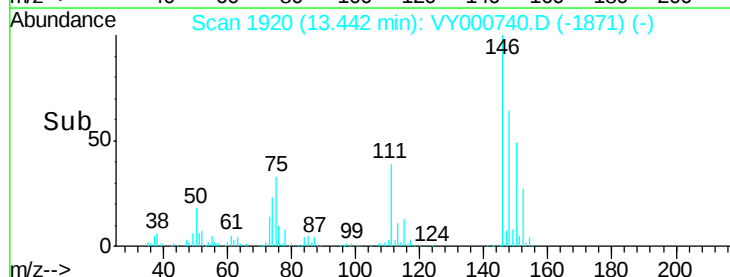
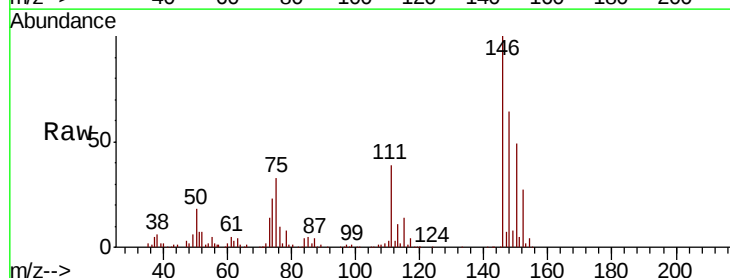
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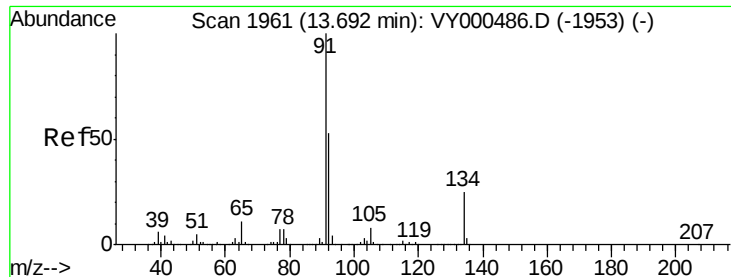
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#88
 1,4-Dichlorobenzene
 Concen: 20.304 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.7	59.0
148	64.0	31.9	95.7





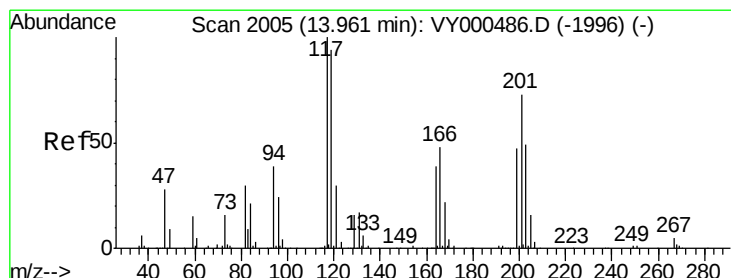
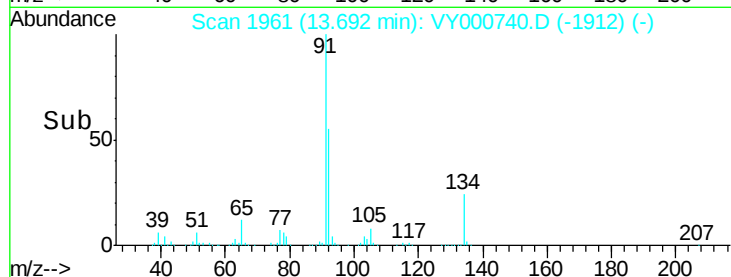
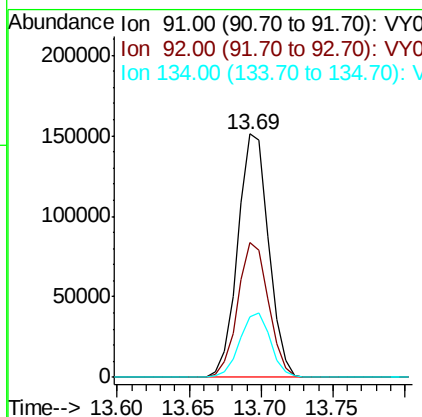
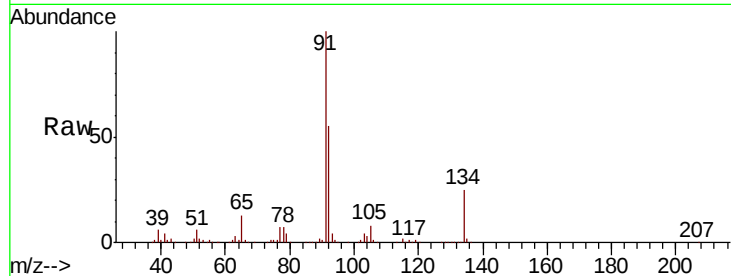
#89
n-Butylbenzene
Concen: 20.095 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	26.8	80.3
134	26.2	12.9	38.7

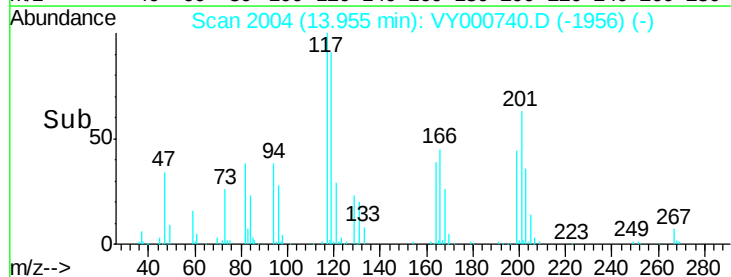
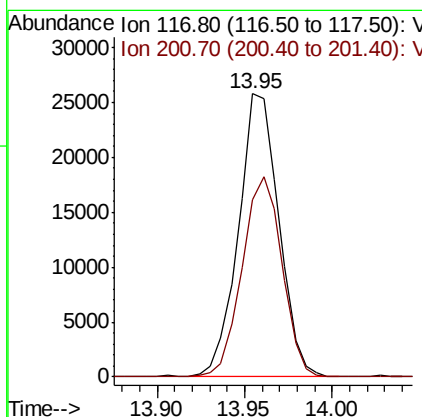
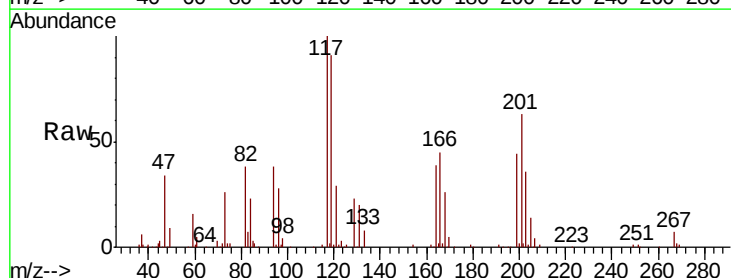
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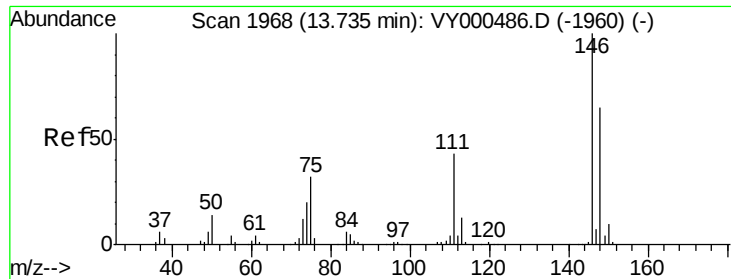
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#90
Hexachloroethane
Concen: 19.841 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.6	35.8	107.3





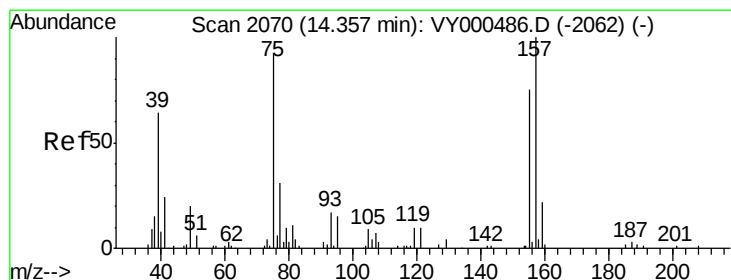
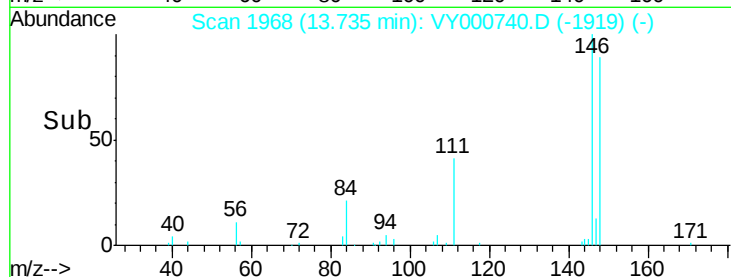
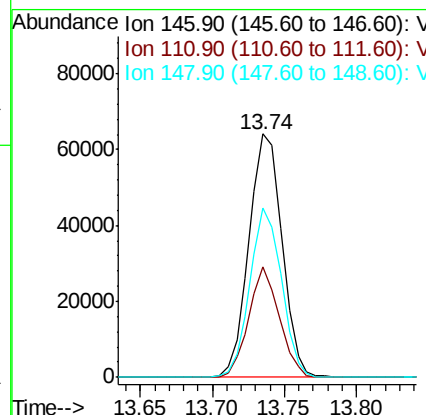
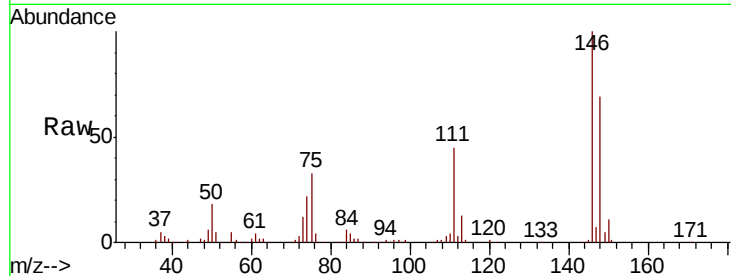
#91
 1,2-Dichlorobenzene
 Concen: 20.129 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	66.5	31.7	95.1

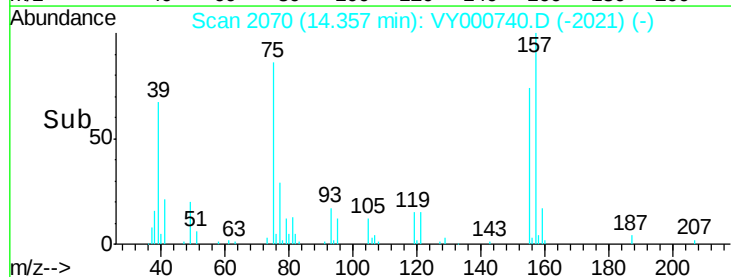
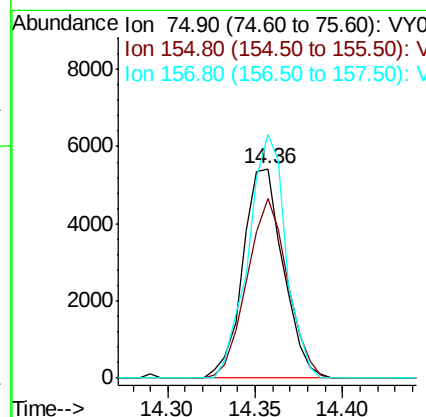
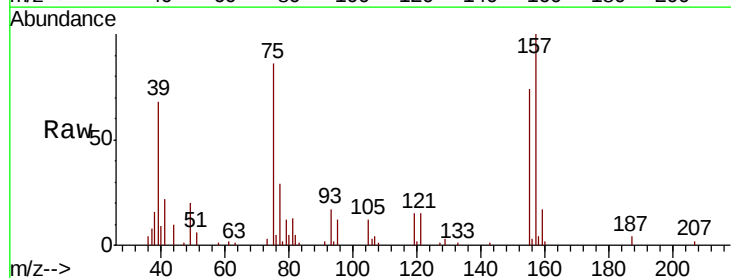
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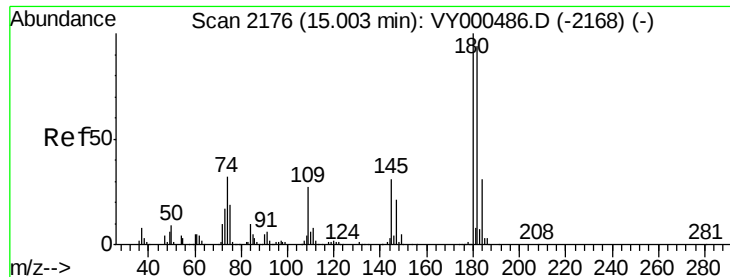
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 11/20/2019 9:57:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.847 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	42.4	127.1
157	107.9	55.1	165.3





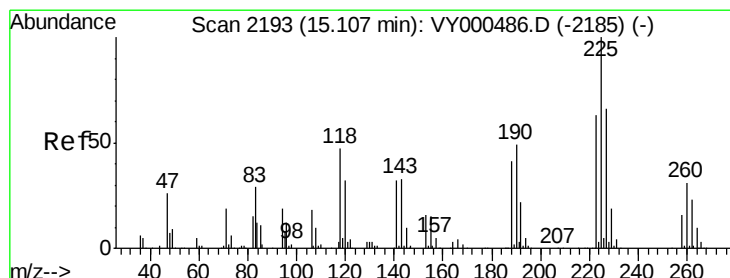
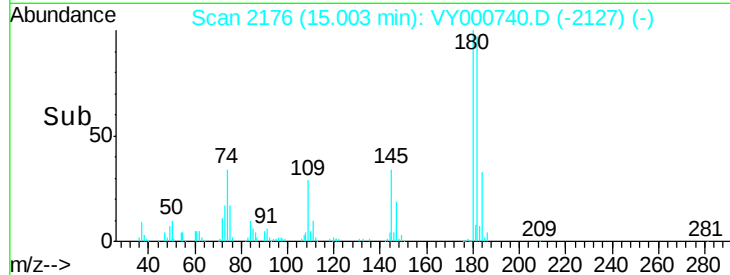
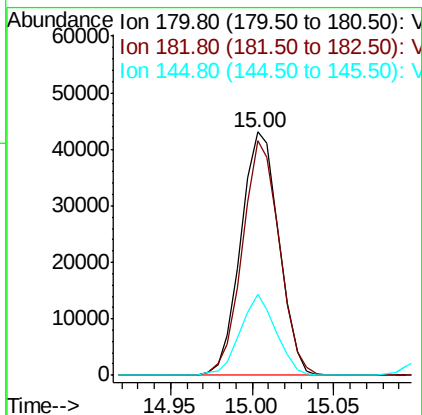
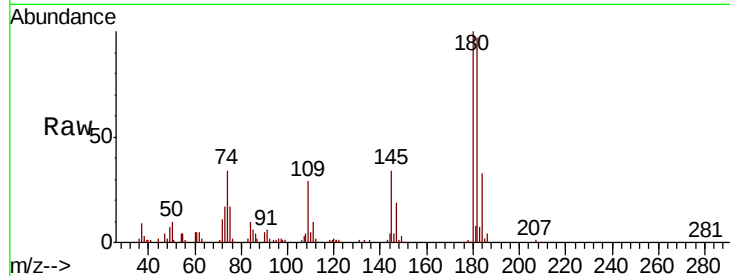
#93
 1,2,4-Trichlorobenzene
 Concen: 20.434 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	70279		
182	93.4		47.8	143.4
145	31.2		16.0	47.9

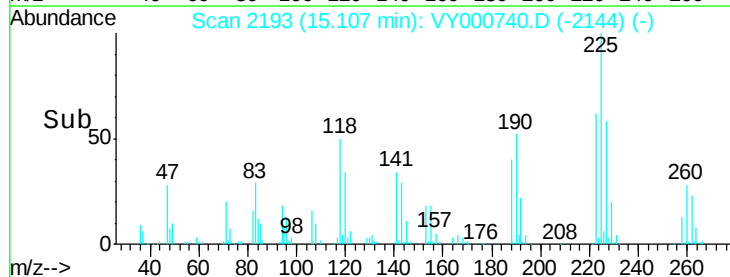
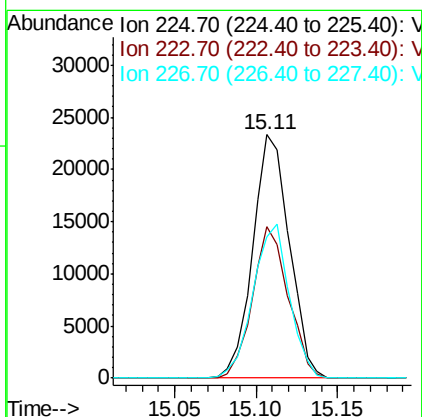
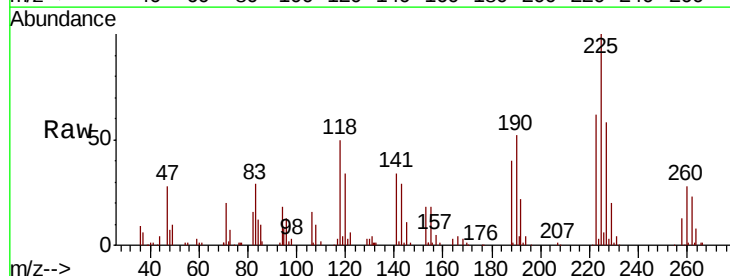
Manual Integrations
 APPROVED

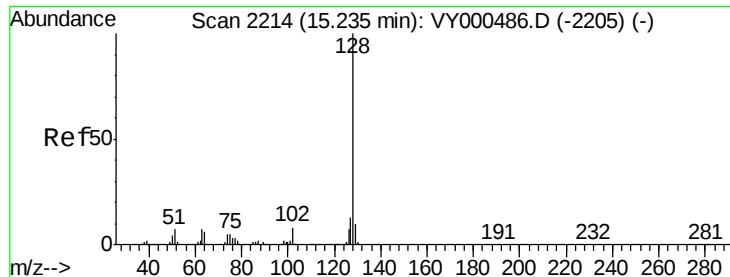
MMDadoda
 11/20/2019 9:57:27 AM



#94
 Hexachlorobutadiene
 Concen: 20.520 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000740.D
 Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36380		
223	60.9		31.3	93.8
227	62.8		32.4	97.0





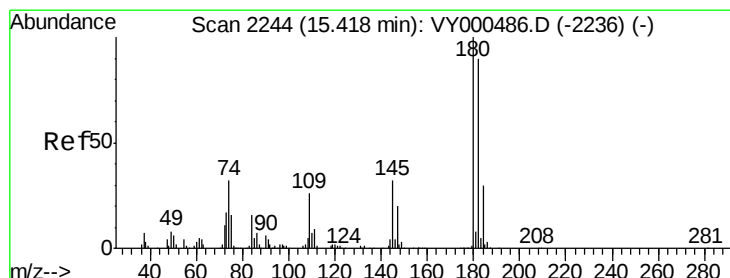
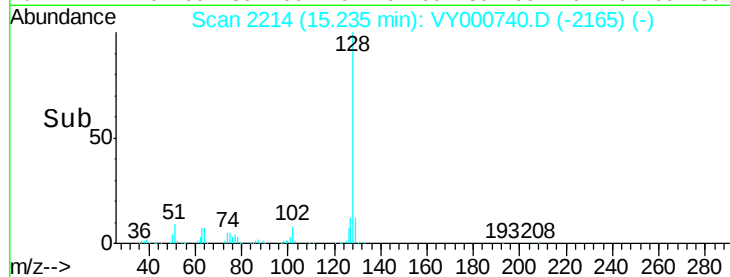
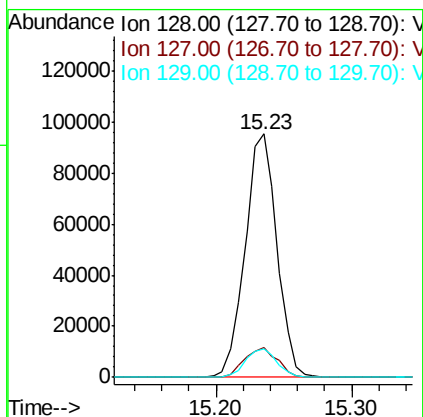
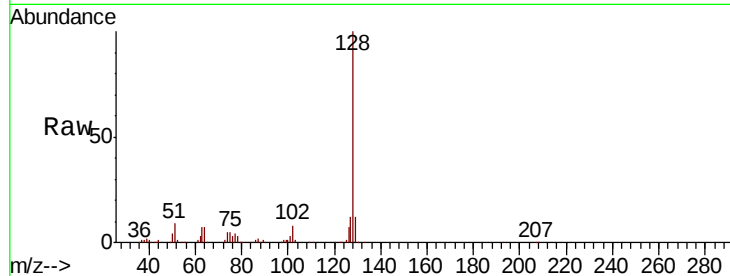
#95
Naphthalene
Concen: 20.420 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	155907		
127	12.8		9.8	14.6
129	11.5		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/20/2019 9:57:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.683 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000740.D
Acq: 19 Nov 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	63820		
182	95.2		47.4	142.3
145	31.7		15.7	47.0

