

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000748.D
 Acq On : 20 Nov 2019 12:24
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:53:13 AM

Quant Time: Nov 21 07:52:22 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	204917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	339482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	307687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125230	59.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.10%	
35) Dibromofluoromethane	7.73	113	109233	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
50) Toluene-d8	10.18	98	440739	58.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.56%	
62) 4-Bromofluorobenzene	12.48	95	157746	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	38224	18.949	ug/l	98
3) Chloromethane	2.11	50	52041	18.728	ug/l	97
4) Vinyl Chloride	2.25	62	51577	19.988	ug/l	97
5) Bromomethane	2.65	94	36065	23.307	ug/l	93
6) Chloroethane	2.79	64	33209	20.563	ug/l	94
7) Trichlorofluoromethane	3.13	101	71328	20.468	ug/l	99
8) Diethyl Ether	3.53	74	26349	21.279	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43911	20.842	ug/l	98
10) Methyl Iodide	4.10	142	49395	19.871	ug/l	98
11) Tert butyl alcohol	4.96	59	20623m	99.903	ug/l	
12) 1,1-Dichloroethene	3.87	96	42877	20.947	ug/l	92
13) Acrolein	3.74	56	14444	80.329	ug/l	98
14) Allyl chloride	4.48	41	72809	21.875	ug/l	98
15) Acrylonitrile	5.18	53	71012	111.950	ug/l	99
16) Acetone	3.96	43	56356	96.423	ug/l	94
17) Carbon Disulfide	4.19	76	122264	18.938	ug/l	98
18) Methyl Acetate	4.49	43	38116	20.974	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	121525	21.353	ug/l	95
20) Methylene Chloride	4.72	84	52238	20.859	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	48077	20.776	ug/l	84
22) Diisopropyl ether	6.13	45	159729	22.079	ug/l	97
23) Vinyl Acetate	6.07	43	515951	112.981	ug/l	98
24) 1,1-Dichloroethane	6.03	63	85182	21.735	ug/l	99
25) 2-Butanone	7.00	43	97823	104.873	ug/l	97
26) 2,2-Dichloropropane	6.99	77	74848	20.898	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	55381	21.887	ug/l	99
28) Bromochloromethane	7.35	49	22646	15.725	ug/l	94
29) Tetrahydrofuran	7.36	42	64102	112.334	ug/l	99
30) Chloroform	7.52	83	87151	21.982	ug/l	96
31) Cyclohexane	7.79	56	84963	20.698	ug/l	89
32) 1,1,1-Trichloroethane	7.71	97	76586	21.675	ug/l	99
36) 1,1-Dichloropropene	7.92	75	68107	21.222	ug/l	99
37) Ethyl Acetate	7.09	43	42941	22.537	ug/l	98
38) Carbon Tetrachloride	7.91	117	65175	21.105	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	86686	20.907	ug/l	98
40) Benzene	8.17	78	197102	20.948	ug/l	100
41) Methacrylonitrile	7.33	41	22716m	21.371	ug/l	
42) 1,2-Dichloroethane	8.24	62	58887	22.066	ug/l	100
43) Isopropyl Acetate	8.28	43	80183	22.402	ug/l	97
44) Trichloroethene	8.94	130	52863	21.309	ug/l	89
45) 1,2-Dichloropropane	9.22	63	50357	21.746	ug/l	95
46) Dibromomethane	9.31	93	28068	22.039	ug/l	99
47) Bromodichloromethane	9.50	83	66822	22.113	ug/l	96
48) Methyl methacrylate	9.30	41	35051	22.413	ug/l	98
49) 1,4-Dioxane	9.30	88	7938	463.124	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	214745	112.846	ug/l	100
52) Toluene	10.24	92	131266	22.067	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	69089	21.397	ug/l	92
54) cis-1,3-Dichloropropene	9.93	75	80058	21.643	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	40465	21.967	ug/l	97
56) Ethyl methacrylate	10.51	69	58365	22.355	ug/l	98
57) 1,3-Dichloropropane	10.79	76	71674	22.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	130918	110.918	ug/l	100
59) 2-Hexanone	10.83	43	149564	107.871	ug/l	100
60) Dibromochloromethane	10.99	129	44810	21.238	ug/l	97
61) 1,2-Dibromoethane	11.09	107	38998	22.019	ug/l	98
64) Tetrachloroethene	10.72	164	54993	21.615	ug/l	95
65) Chlorobenzene	11.52	112	133289	21.366	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	45330	20.952	ug/l	99
67) Ethyl Benzene	11.59	91	241155	21.004	ug/l	98
68) m/p-Xylenes	11.70	106	187098	42.104	ug/l	99
69) o-Xylene	12.03	106	87818	21.028	ug/l	98
70) Styrene	12.04	104	151141	21.135	ug/l	100
71) Bromoform	12.20	173	26493	21.290	ug/l #	100
73) Isopropylbenzene	12.33	105	239261	20.445	ug/l	99
74) N-amyl acetate	12.14	43	71931	21.462	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48931	21.117	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	41977m	23.283	ug/l	
77) Bromobenzene	12.61	156	53076	20.000	ug/l	97
78) n-propylbenzene	12.67	91	290166	20.550	ug/l	99
79) 2-Chlorotoluene	12.75	91	159759	20.380	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	201535	20.678	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16651	20.707	ug/l	98
82) 4-Chlorotoluene	12.85	91	172999	21.290	ug/l	98
83) tert-Butylbenzene	13.07	119	170566	20.496	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	200519	20.663	ug/l	100
85) sec-Butylbenzene	13.25	105	249642	21.055	ug/l	100
86) p-Isopropyltoluene	13.36	119	219829	20.803	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	104097	20.026	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	107028	20.605	ug/l	99
89) n-Butylbenzene	13.69	91	217178	20.838	ug/l	99
90) Hexachloroethane	13.95	117	39942	20.446	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	97521	20.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8853	21.588	ug/l	92

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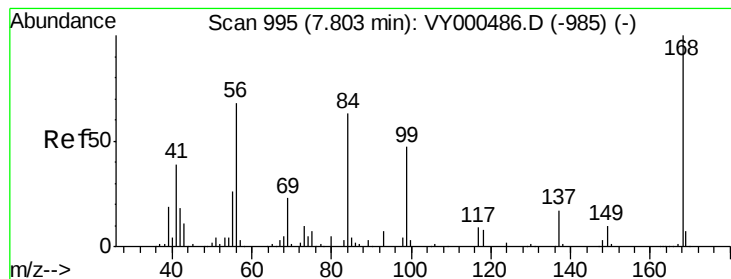
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	65387	20.362	ug/l	96
94) Hexachlorobutadiene	15.11	225	33303	20.119	ug/l	97
95) Naphthalene	15.23	128	148718	20.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	59818	20.763	ug/l	98

(#) = 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: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:168 Resp: 204917

Ion Ratio Lower Upper

168 100

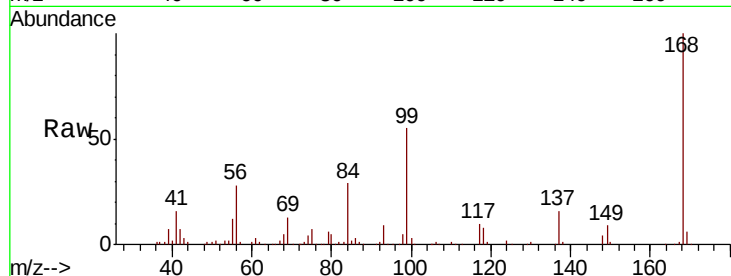
99 55.3 45.7 68.5

Manual Integrations

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11/22/2019 12:53:13 AM



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

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

7.80

100000

80000

60000

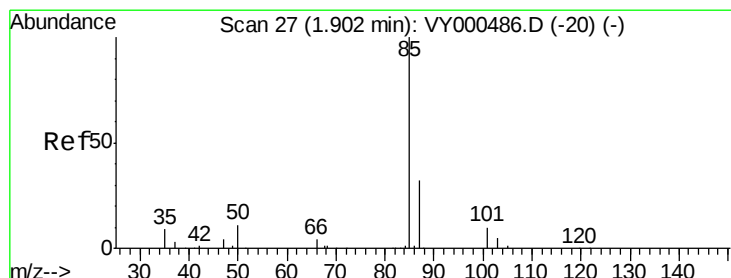
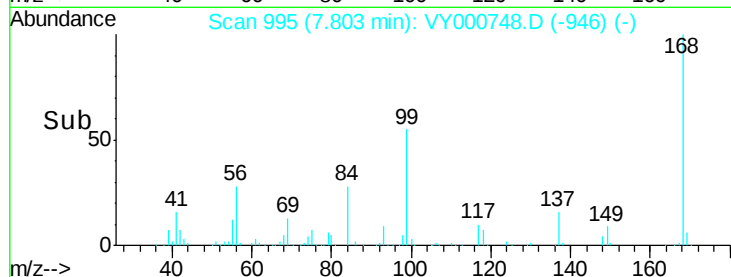
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.949 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000748.D

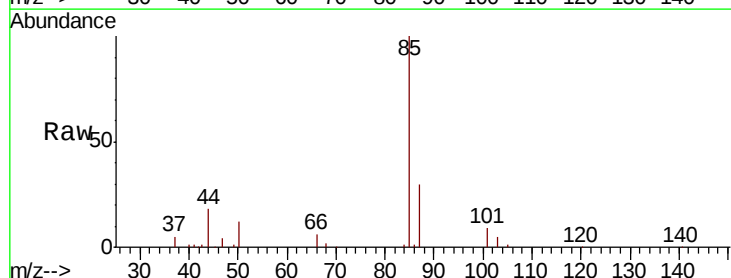
Acq: 20 Nov 2019 12:24

Tgt Ion: 85 Resp: 38224

Ion Ratio Lower Upper

85 100

87 30.5 15.9 47.7



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

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

1.90

25000

20000

15000

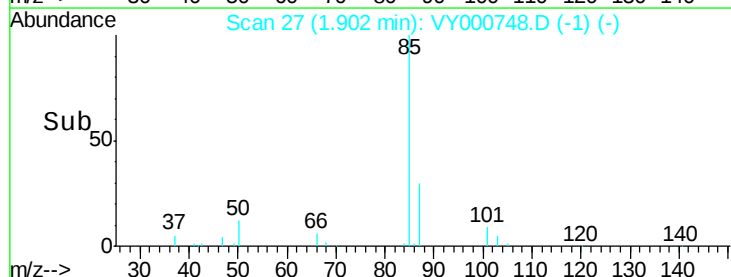
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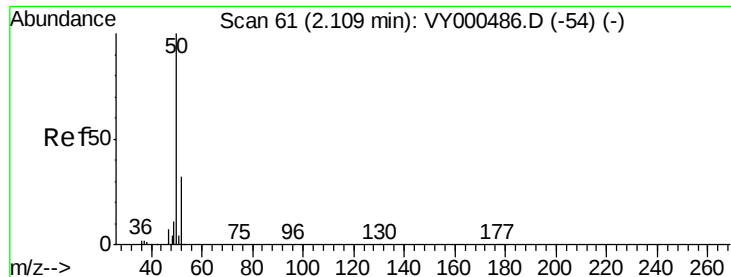
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.728 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 50 Resp: 52041

Ion Ratio Lower Upper

50 100

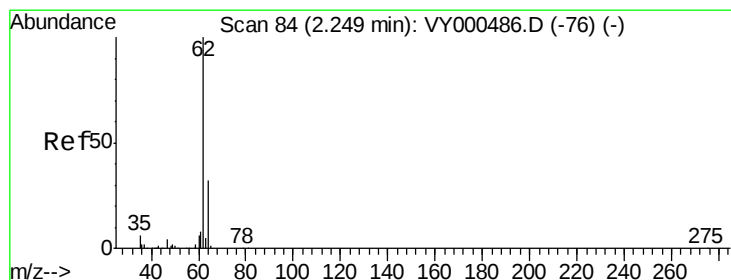
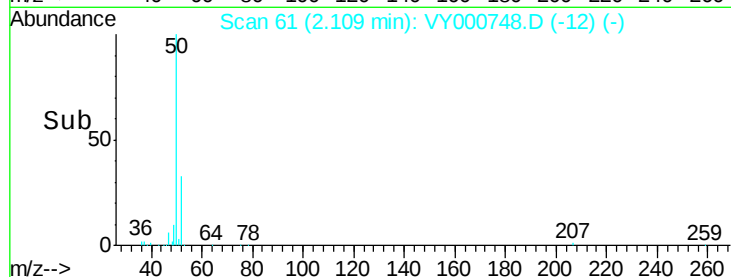
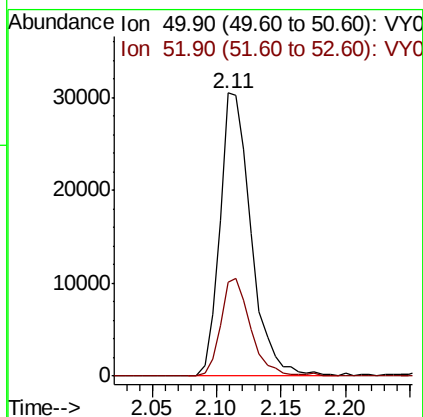
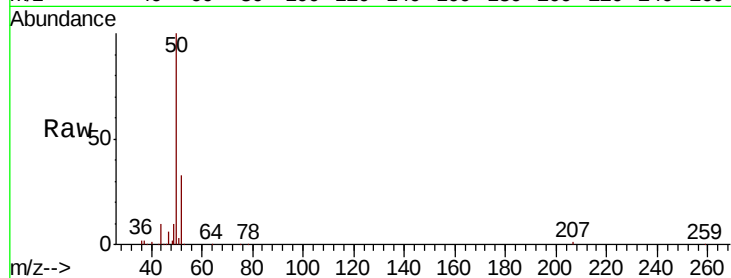
52 33.1 25.2 37.8

Manual Integrations

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11/22/2019 12:53:13 AM



#4

Vinyl Chloride

Concen: 19.988 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000748.D

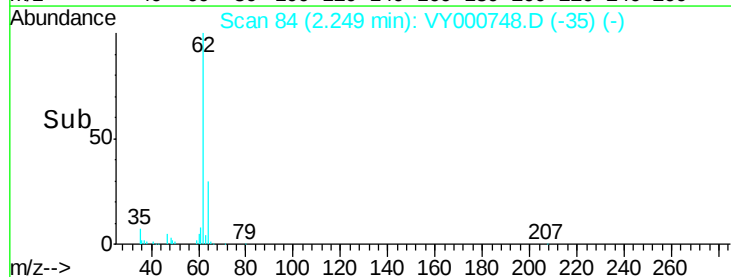
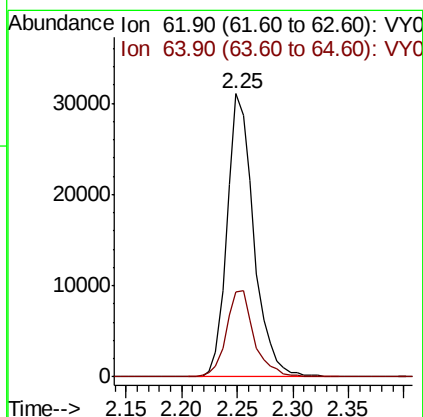
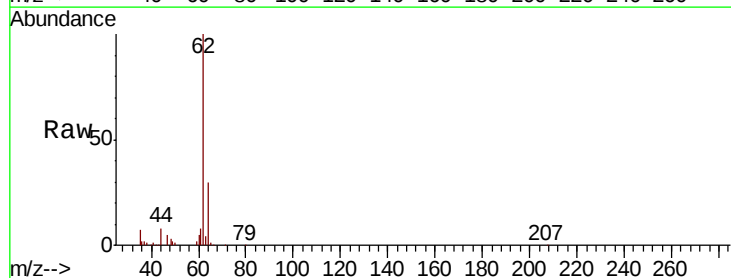
Acq: 20 Nov 2019 12:24

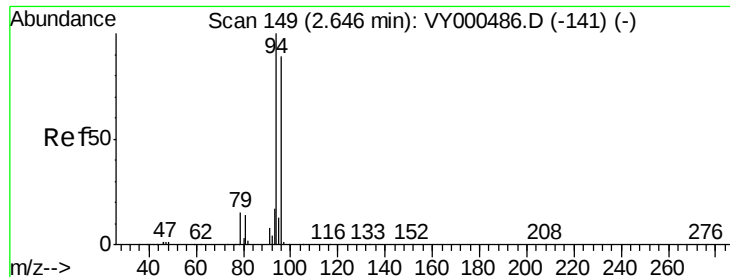
Tgt Ion: 62 Resp: 51577

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 23.307 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 94 Resp: 36065

Ion Ratio Lower Upper

94 100

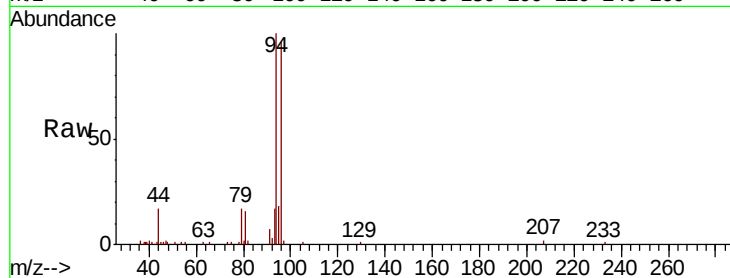
96 95.9 71.2 106.8

Manual Integrations

APPROVED

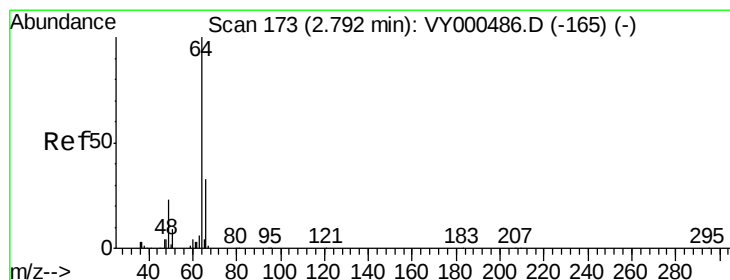
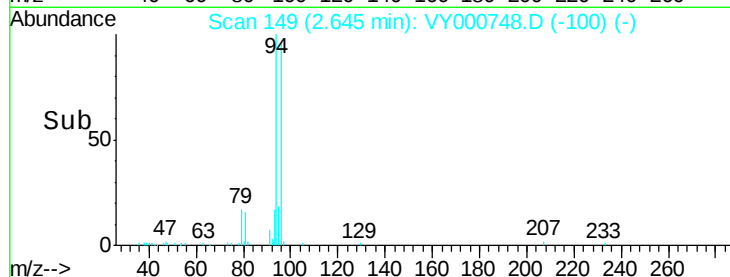
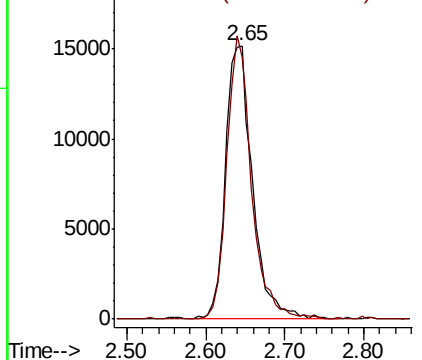
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.563 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000748.D

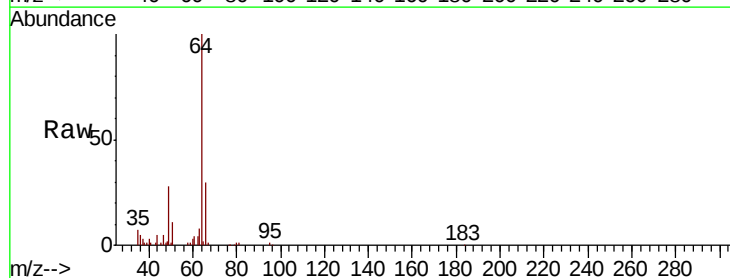
Acq: 20 Nov 2019 12:24

Tgt Ion: 64 Resp: 33209

Ion Ratio Lower Upper

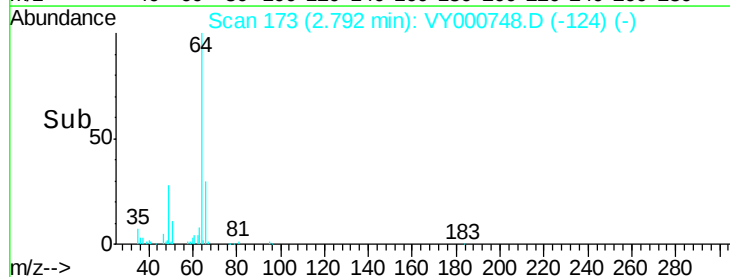
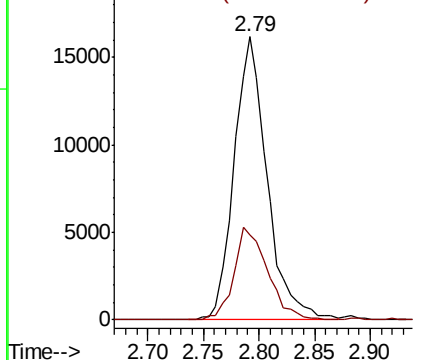
64 100

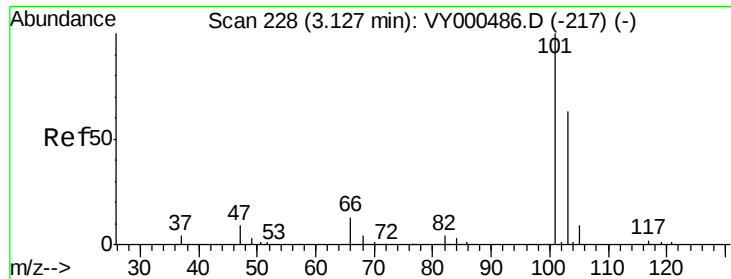
66 30.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

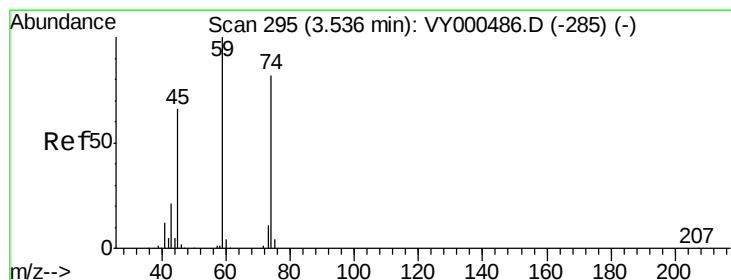
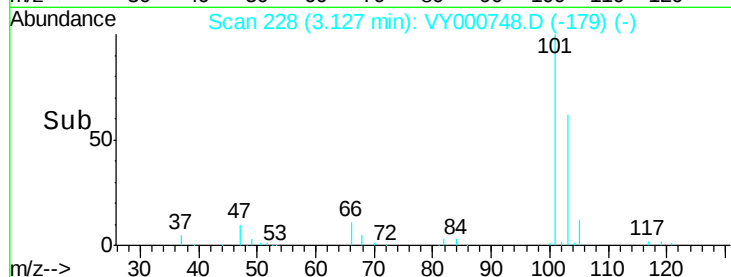
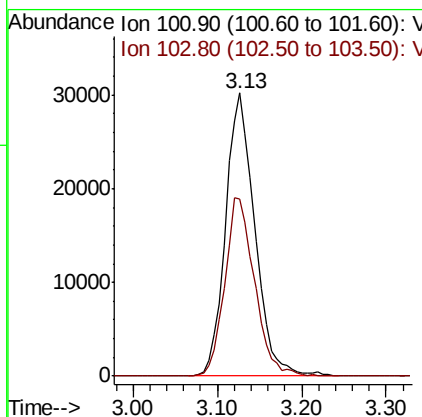
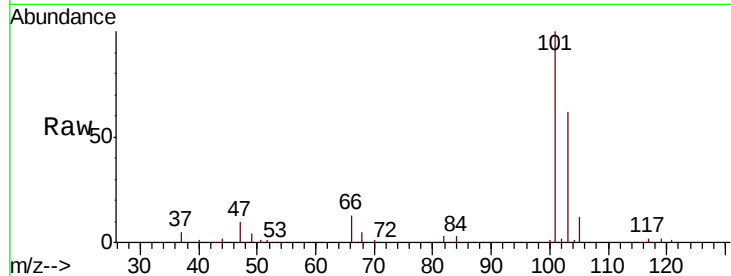
Trichlorofluoromethane
 Concen: 20.468 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
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 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.5	75.7

Manual Integrations
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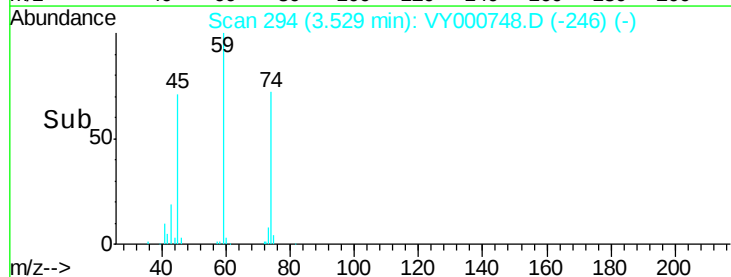
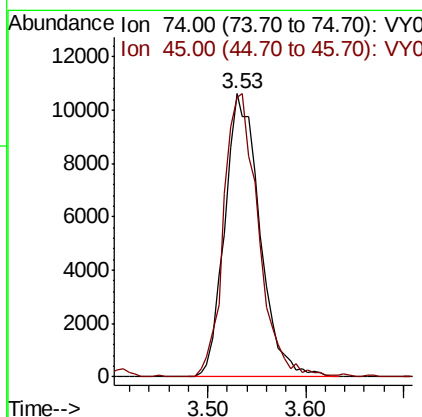
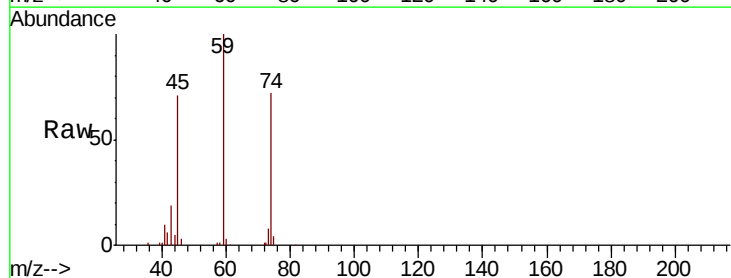
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 11/22/2019 12:53:13 AM



#8

Diethyl Ether
 Concen: 21.279 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.842 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

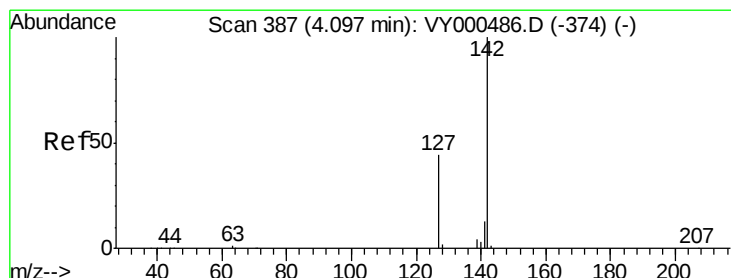
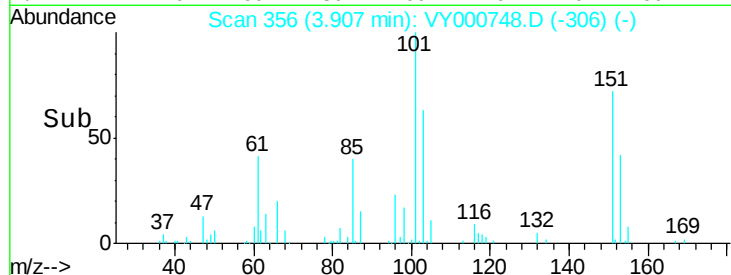
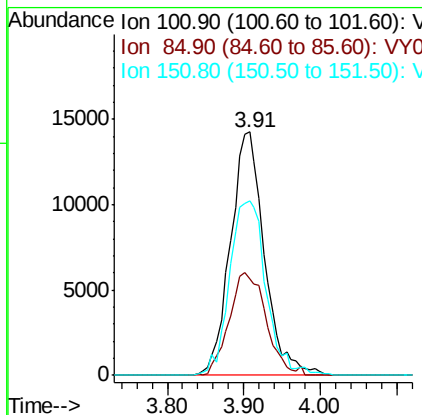
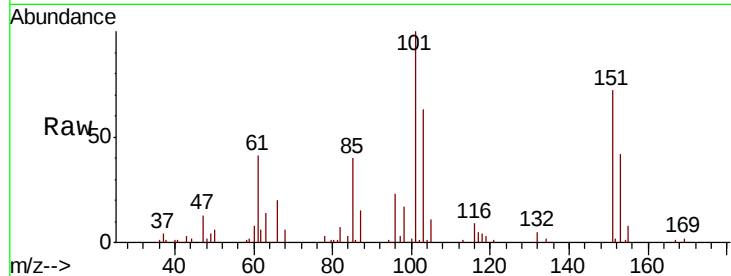
ClientSampleId :

VY1120SBS01

Tot Ion:	101	Resp:	43911
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.7	55.1
151	77.2	64.3	96.5

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#10

Methyl Iodide

Concen: 19.871 ug/l

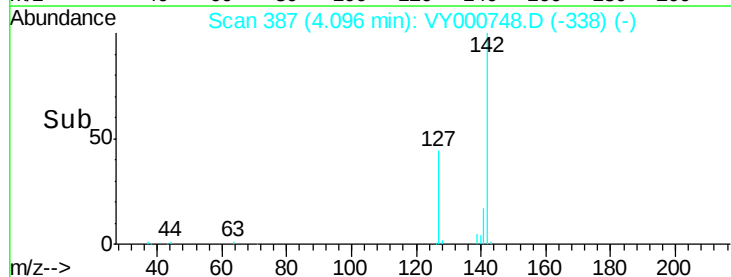
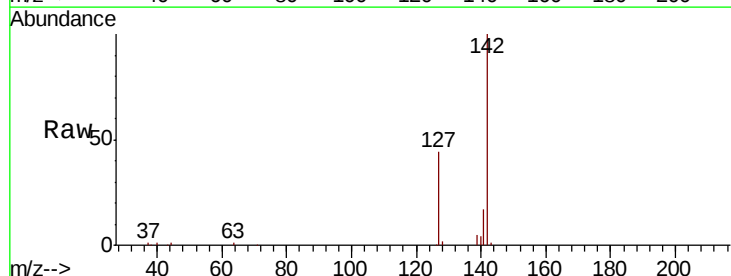
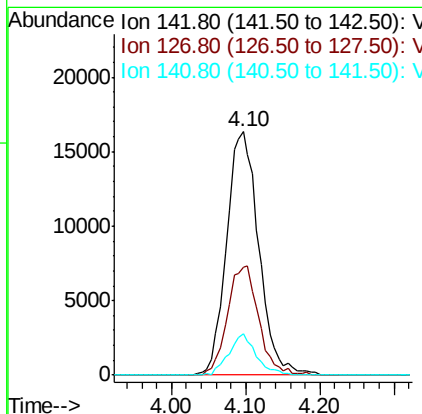
RT: 4.10 min Scan# 387

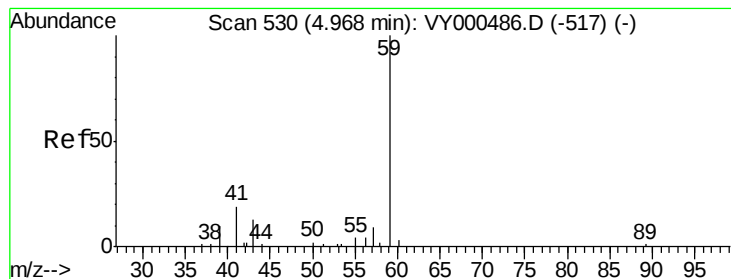
Delta R.T. 0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion:	142	Resp:	49395
Ion Ratio	Lower	Upper	
142	100		
127	43.5	33.7	50.5
141	14.3	10.9	16.3





#11

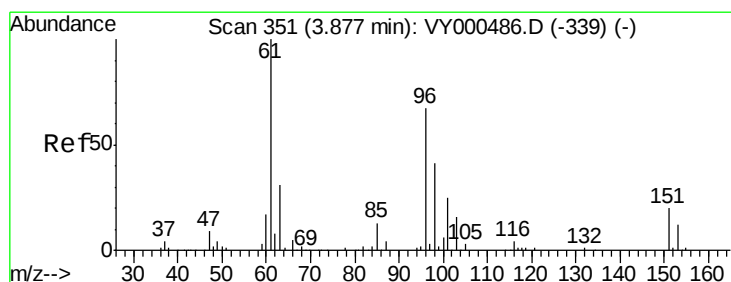
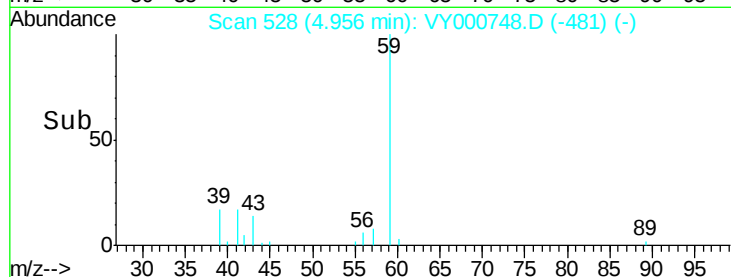
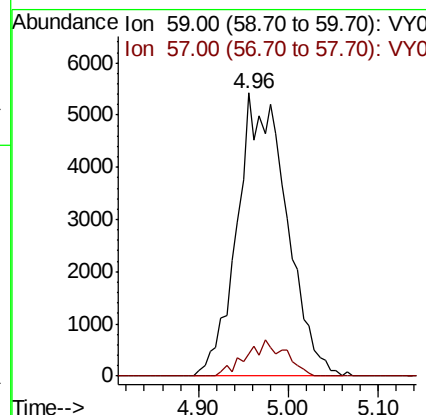
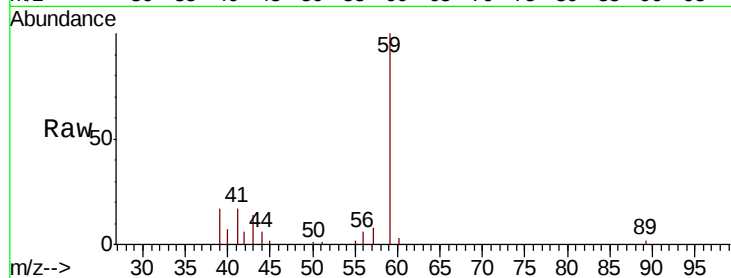
Tert butyl alcohol
 Concen: 99.903 ug/l m
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

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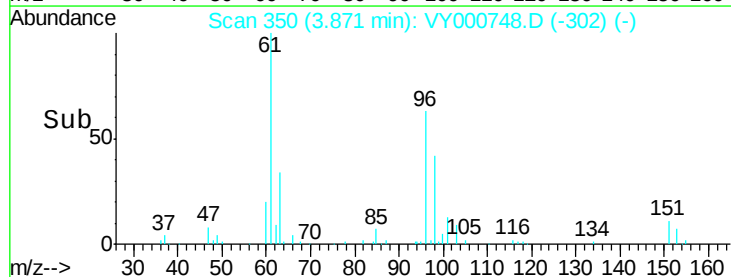
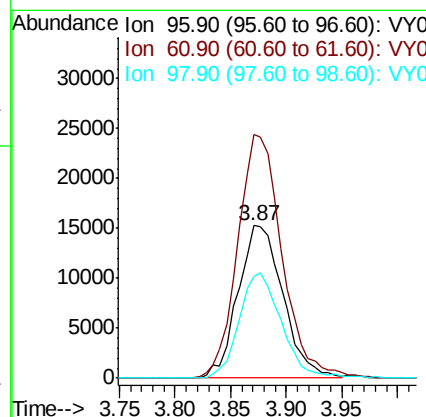
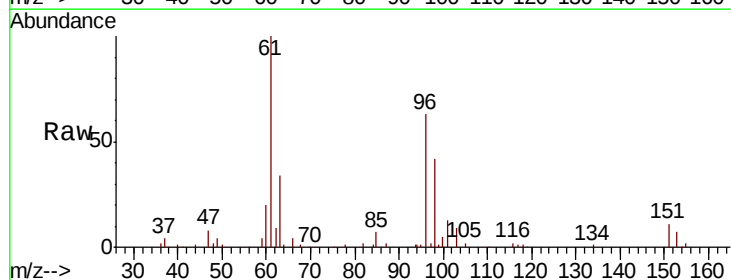
MMDadoda
 11/22/2019 12:53:13 AM



#12

1,1-Dichloroethene
 Concen: 20.947 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	119.2	178.8
98	66.5	48.6	73.0





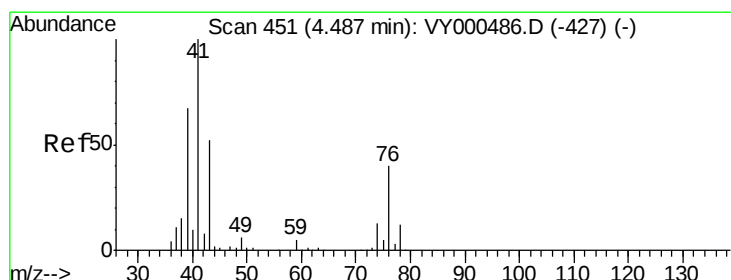
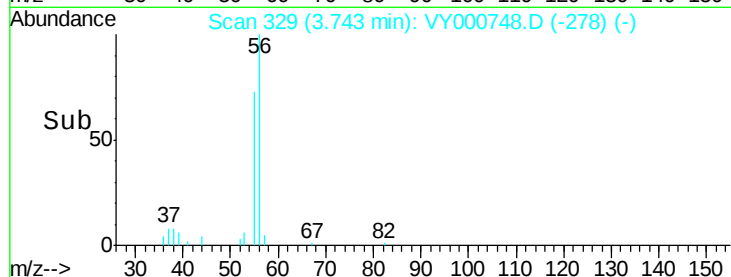
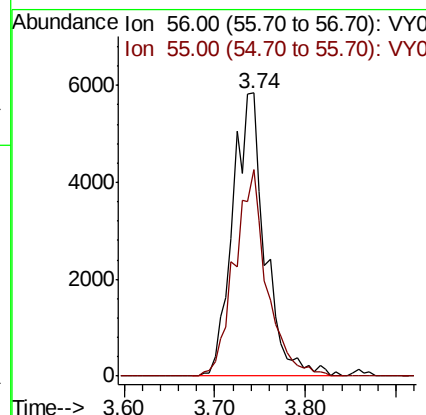
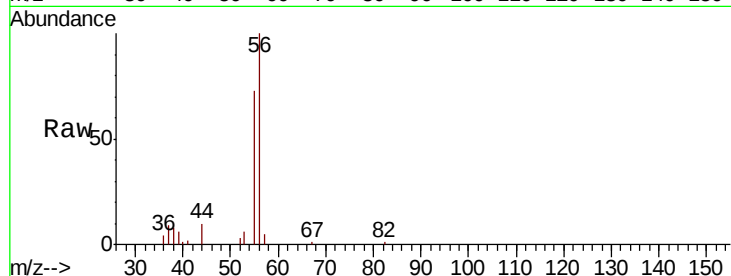
#13
Acrolein
Concen: 80.329 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	56	55	Ratio	Lower	Upper
14444	100	72.6		57.0	85.6

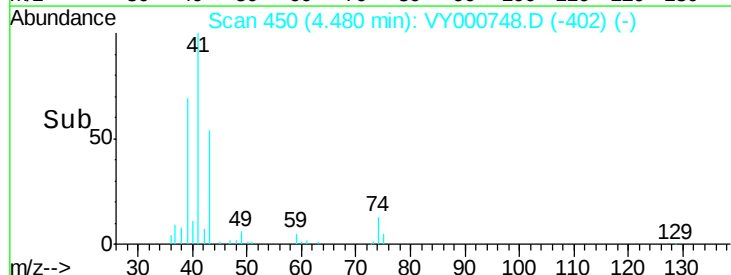
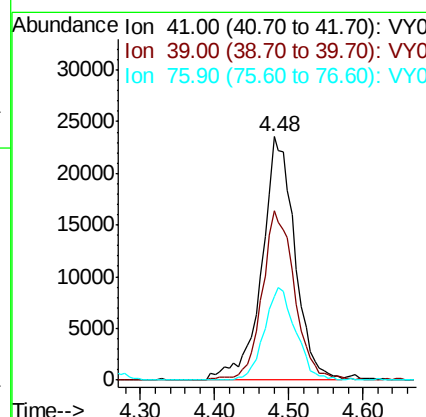
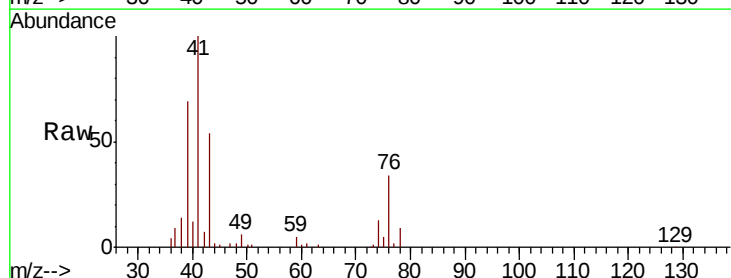
Manual Integrations
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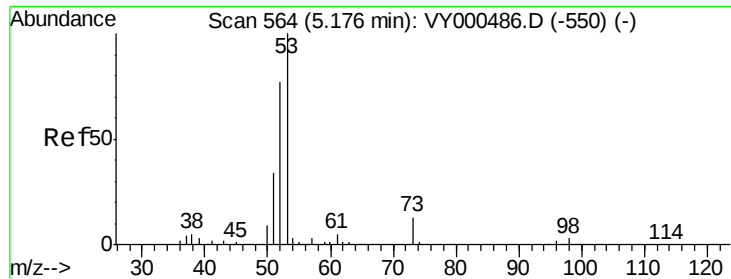
MMDadoda
11/22/2019 12:53:13 AM



#14
Allyl chloride
Concen: 21.875 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	41	39	76	Ratio	Lower	Upper
72809	100	68.7	35.9		53.6	80.4





#15

Acrylonitrile

Concen: 111.950 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

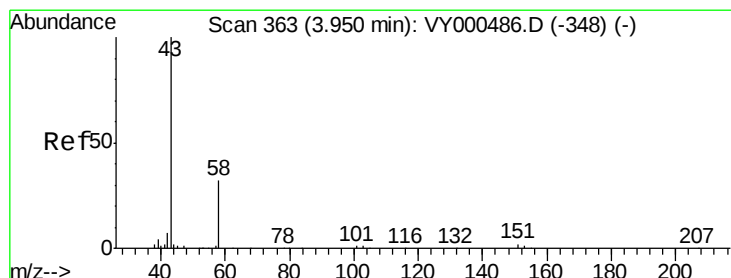
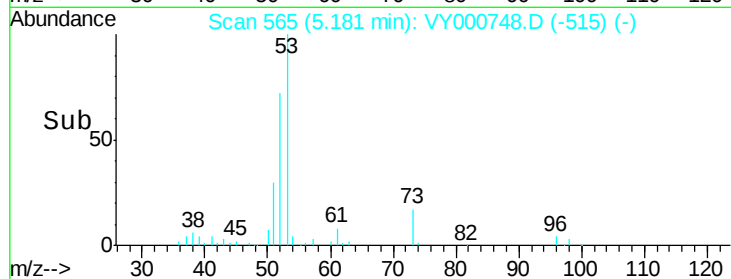
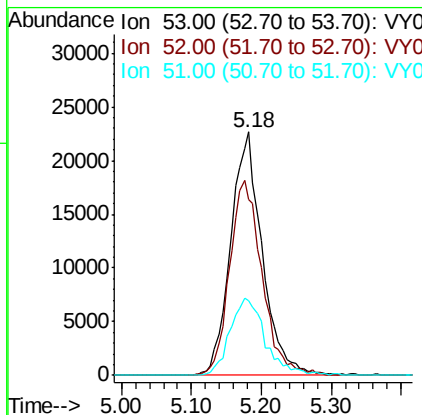
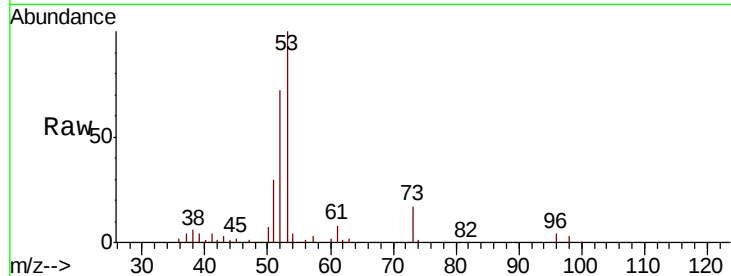
ClientSampleId :

VY1120SBS01

Tot Ion:	53	Resp:	71012
Ion	Ratio	Lower	Upper
53	100		
52	82.2	64.9	97.3
51	35.3	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 96.423 ug/l

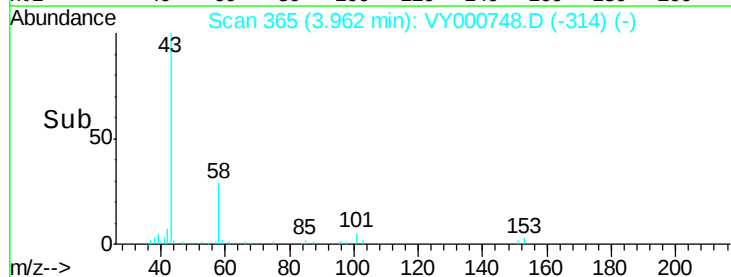
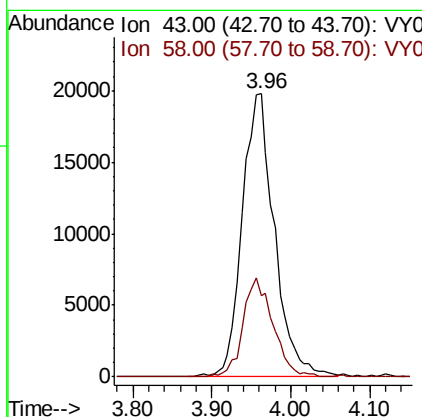
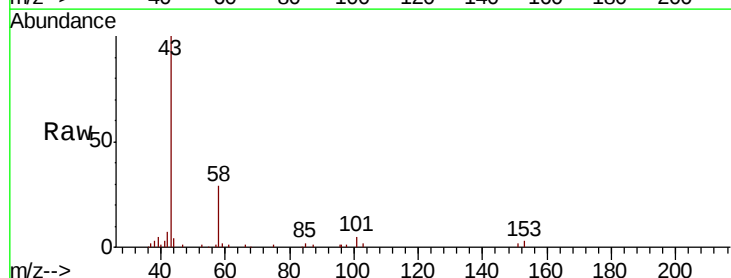
RT: 3.96 min Scan# 365

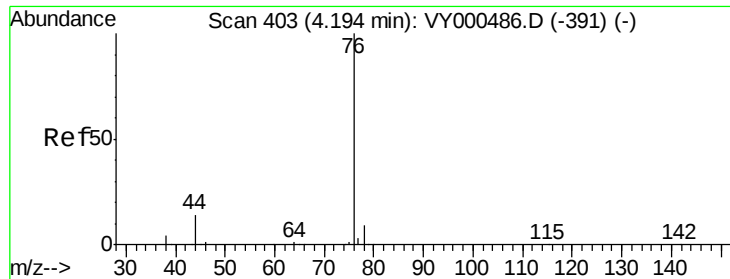
Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion:	43	Resp:	56356
Ion	Ratio	Lower	Upper
43	100		
58	28.7	25.8	38.6





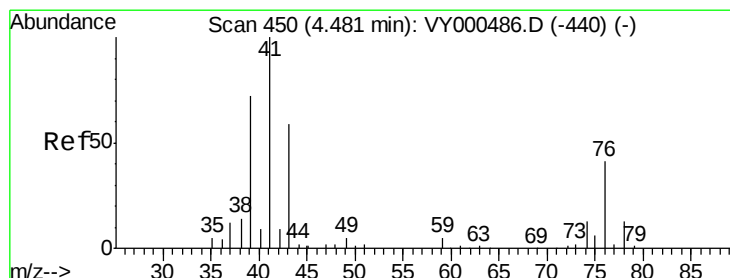
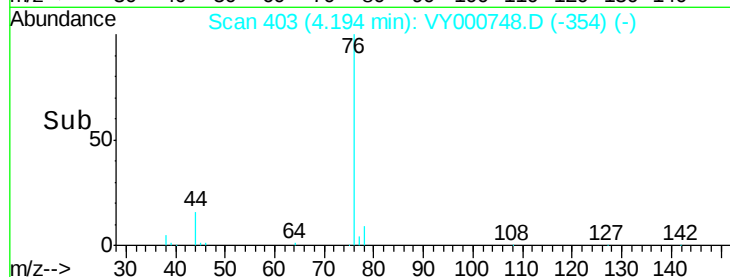
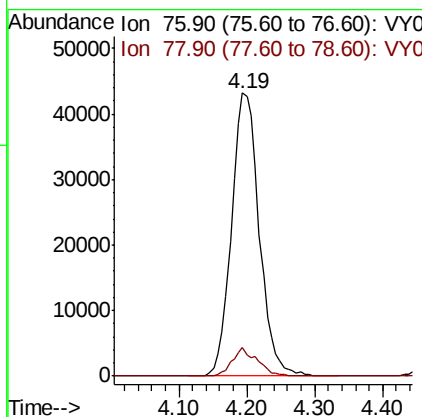
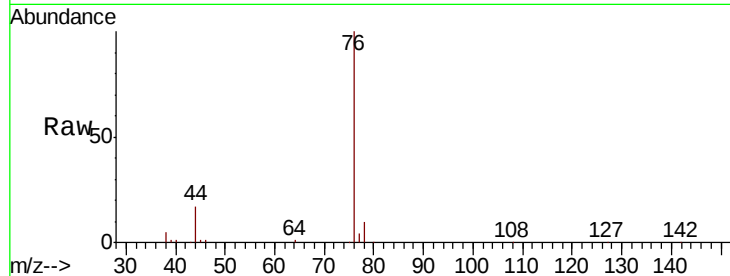
#17
Carbon Disulfide
Concen: 18.938 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.5	11.3

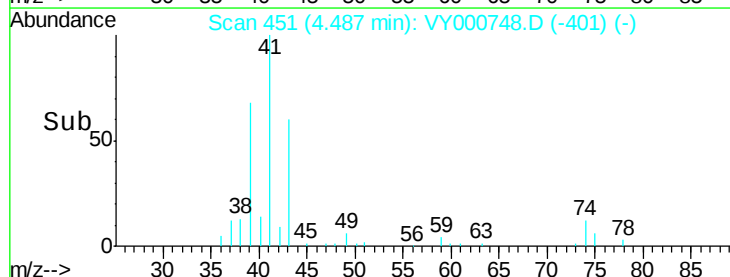
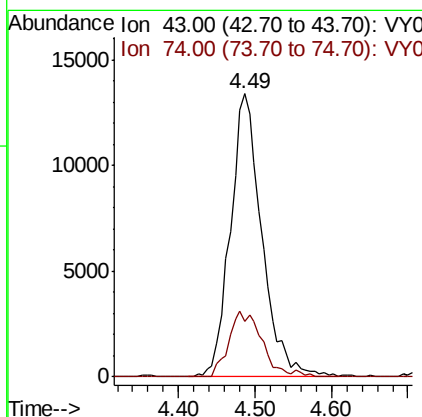
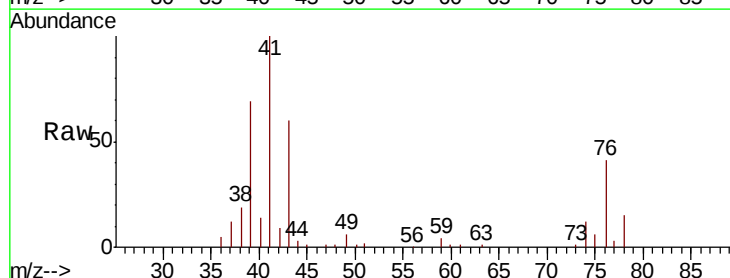
Manual Integrations
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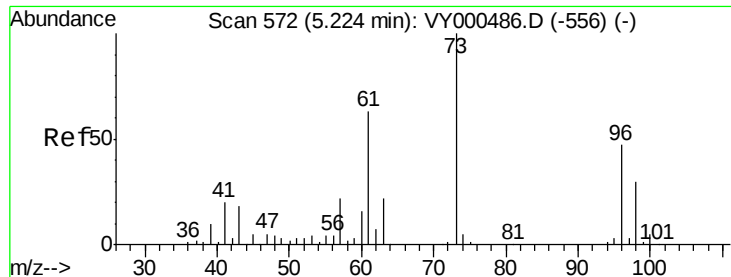
MMDadoda
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#18
Methyl Acetate
Concen: 20.974 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.2	28.8





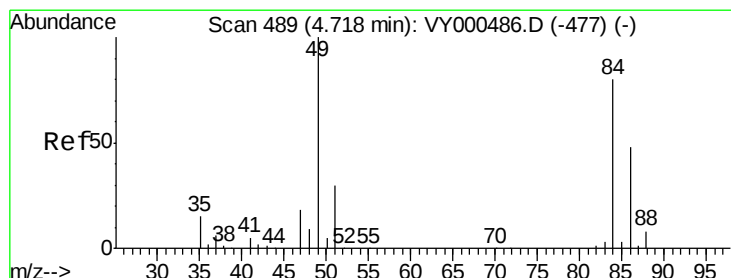
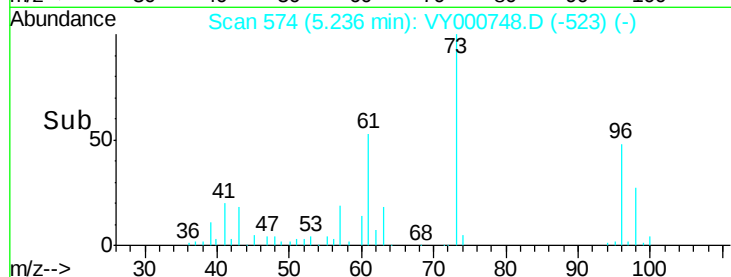
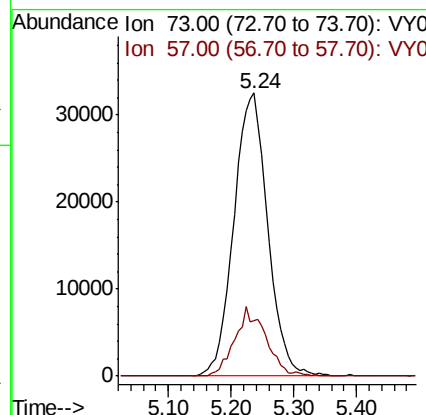
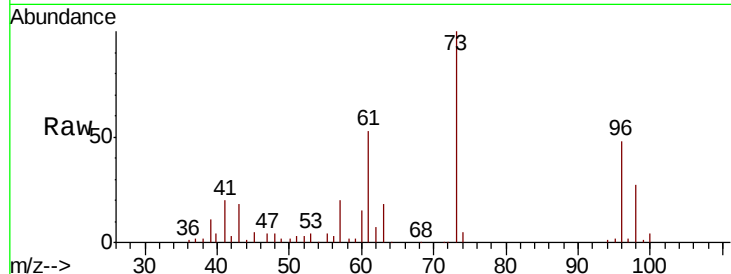
#19
Methvl tert-butvl Ether
Concen: 21.353 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 73 Resp: 121525
Ion Ratio Lower Upper
73 100
57 19.5 17.4 26.0

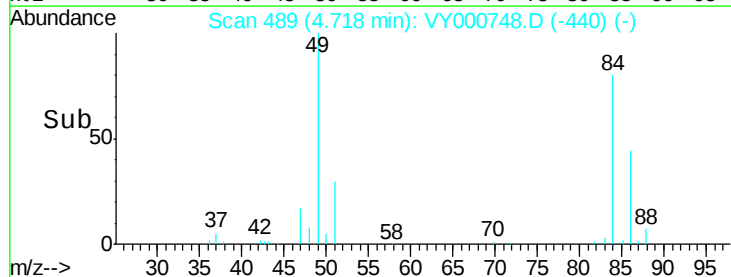
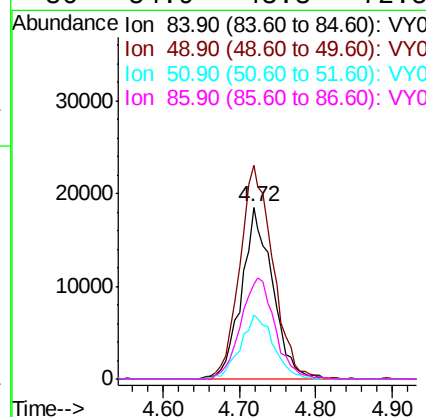
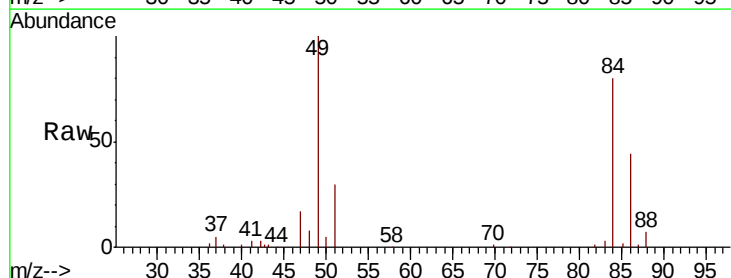
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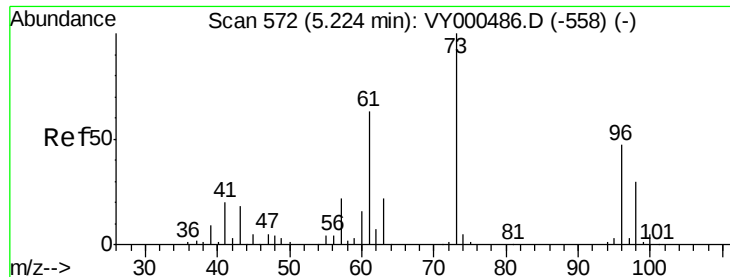
MMDadoda
11/22/2019 12:53:13 AM



#20
Methylene Chloride
Concen: 20.859 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 84 Resp: 52238
Ion Ratio Lower Upper
84 100
49 124.3 100.2 150.4
51 36.9 29.6 44.4
86 54.9 48.3 72.5





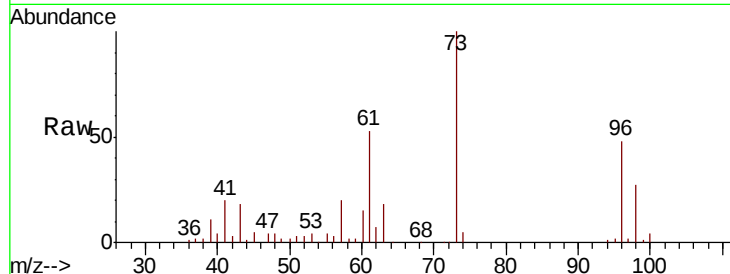
#21
trans-1,2-Dichloroethene
Concen: 20.776 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	111.1	106.6	160.0
98	55.8	50.6	76.0

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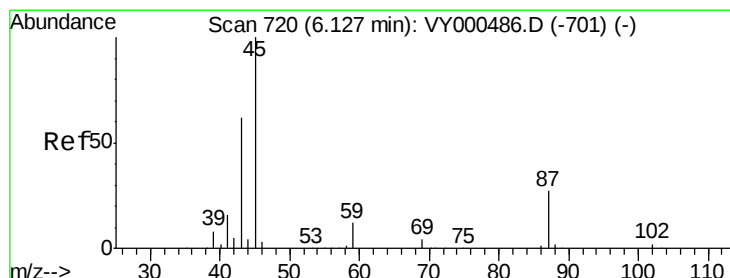
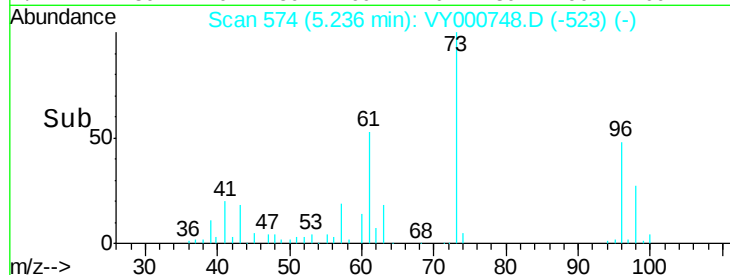
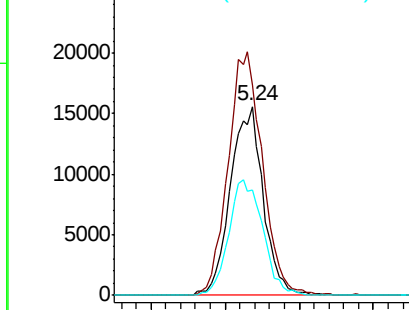


Abundance

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: 22.079 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.1	50.0	75.0
87	24.1	21.6	32.4
59	11.6	9.5	14.3

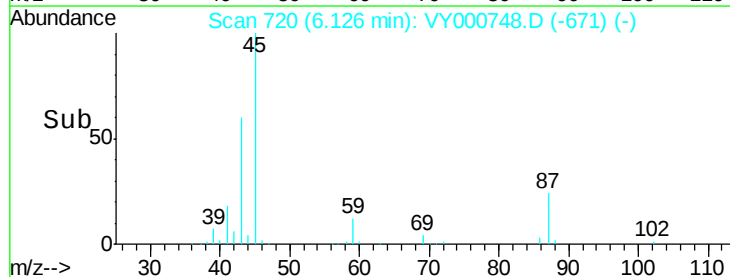
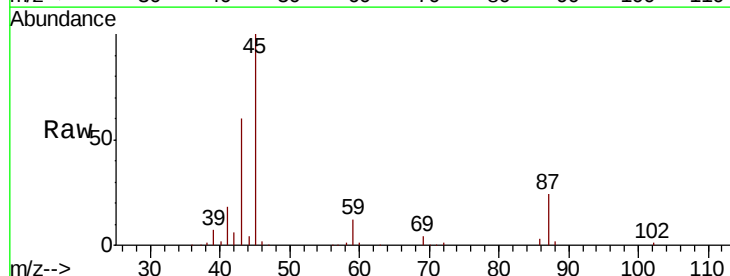
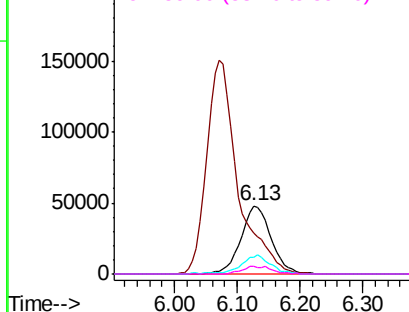
Abundance

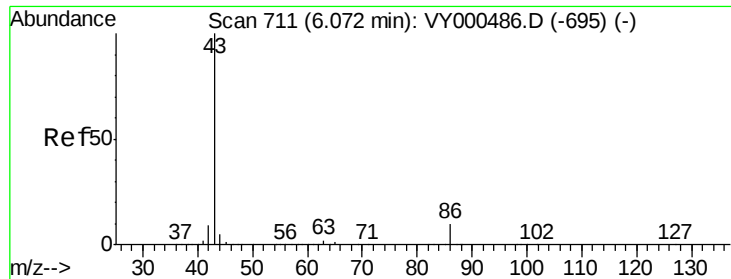
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 112.981 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 43 Resp: 515951

Ion Ratio Lower Upper

43 100

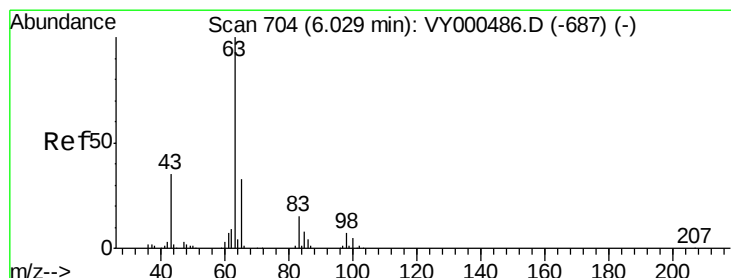
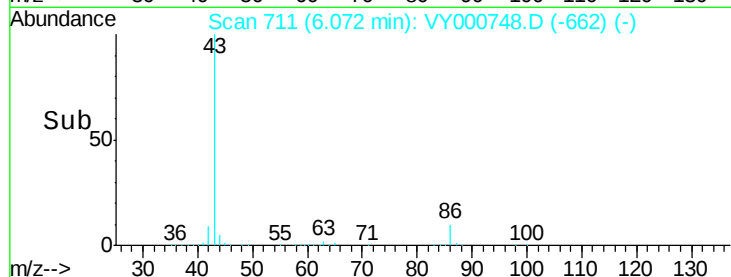
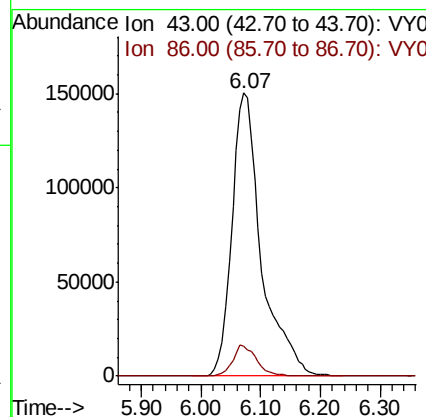
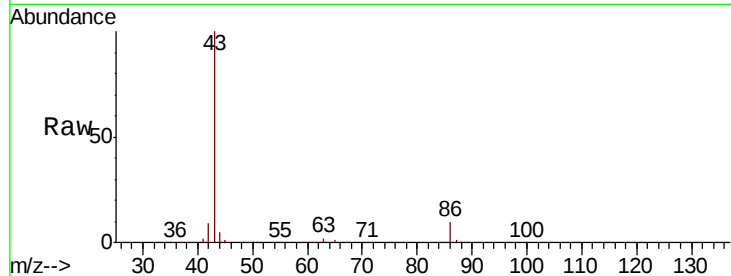
86 10.4 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.735 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

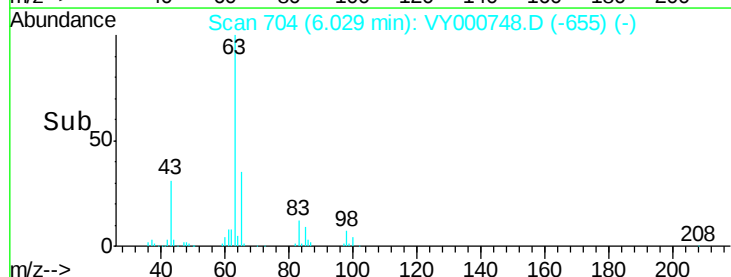
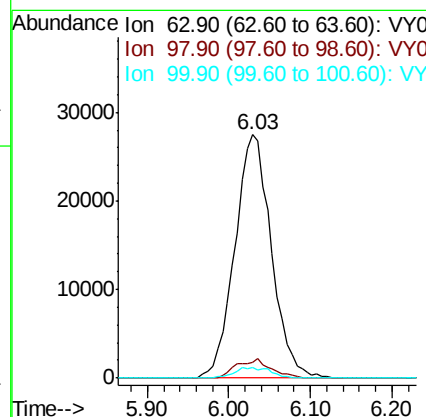
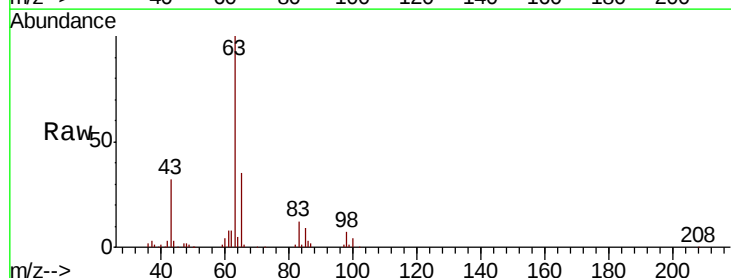
Tgt Ion: 63 Resp: 85182

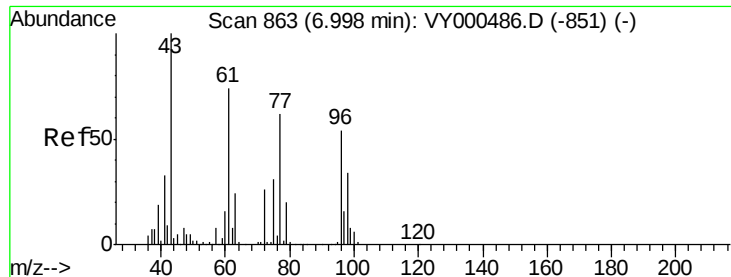
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 104.873 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 43 Resp: 97823

Ion Ratio Lower Upper

43 100

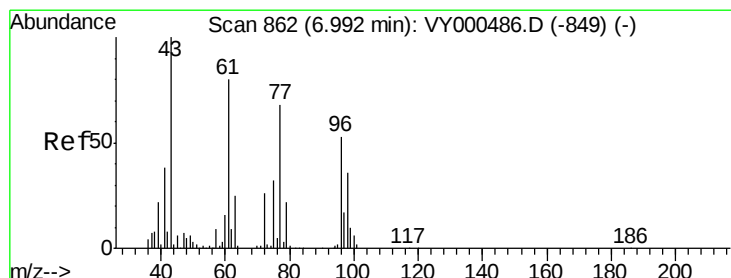
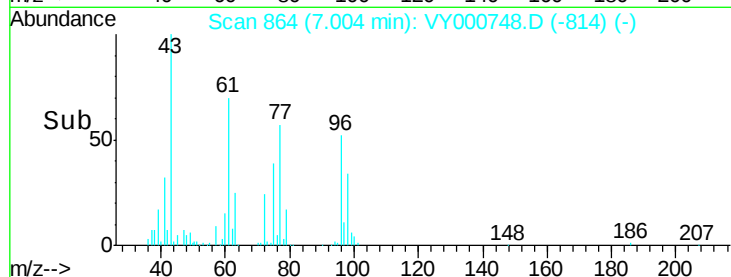
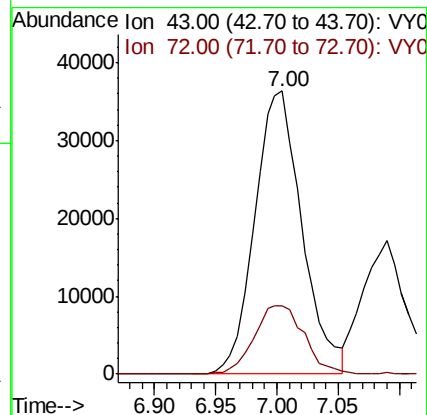
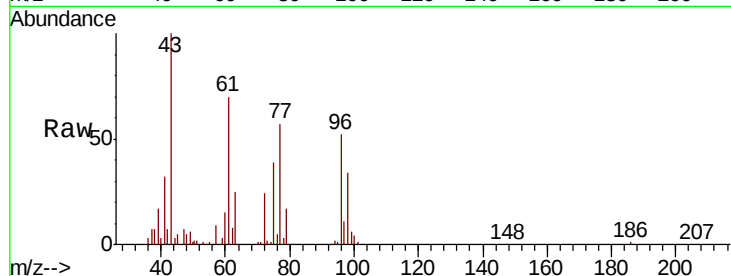
72 24.3 20.9 31.3

Manual Integrations

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11/22/2019 12:53:13 AM



#26

2,2-Dichloropropane

Concen: 20.898 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000748.D

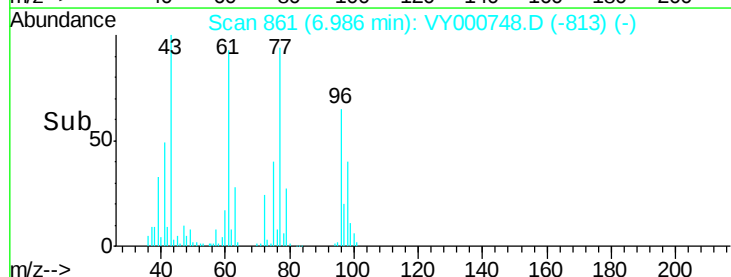
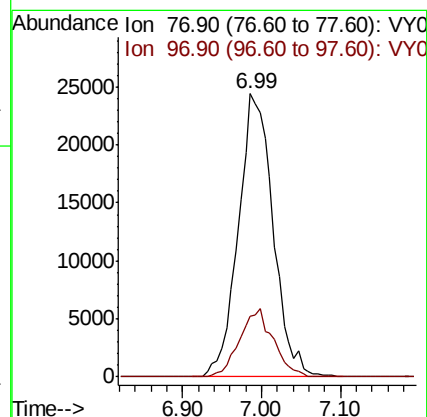
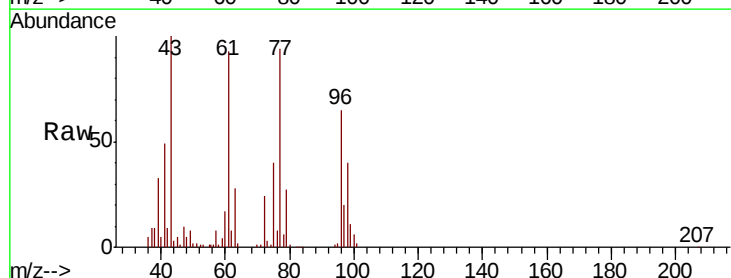
Acq: 20 Nov 2019 12:24

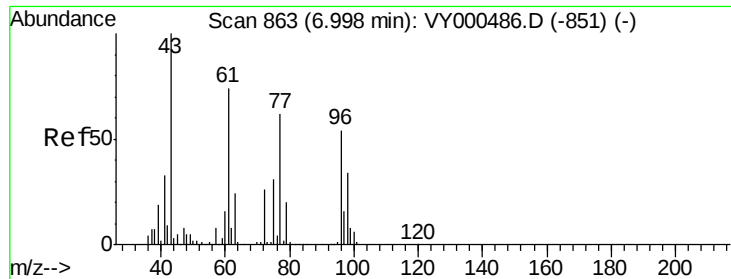
Tgt Ion: 77 Resp: 74848

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4





#27

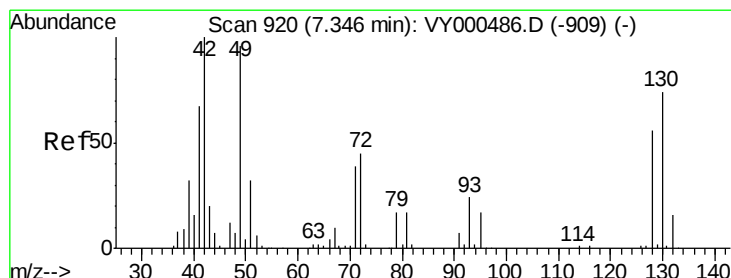
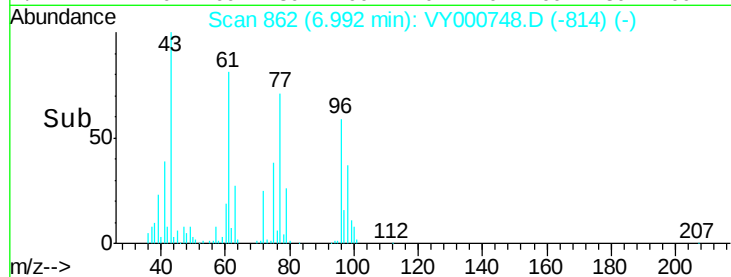
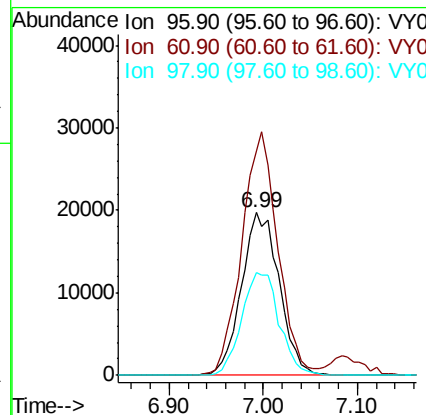
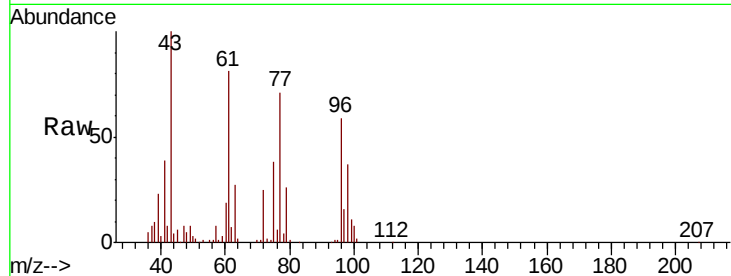
cis-1,2-Dichloroethene
Concen: 21.887 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	287.0
98	63.0	0.0	129.4

Manual Integrations
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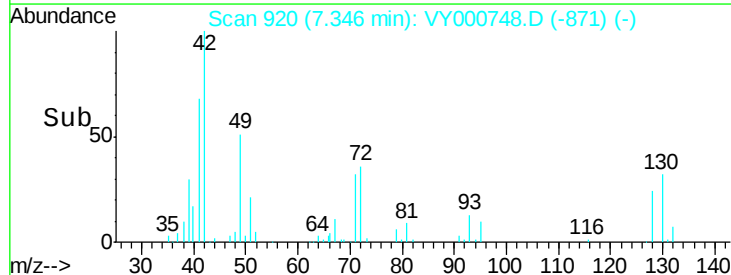
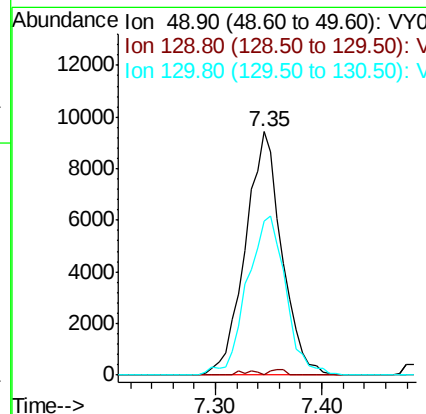
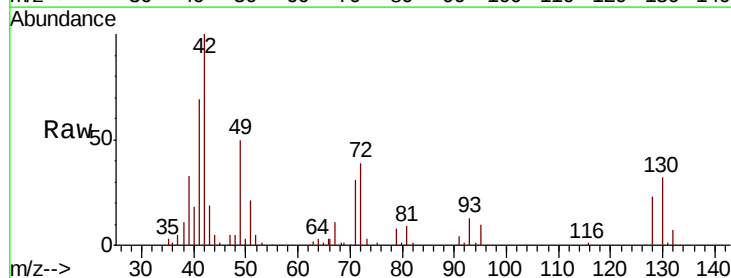
MMDadoda
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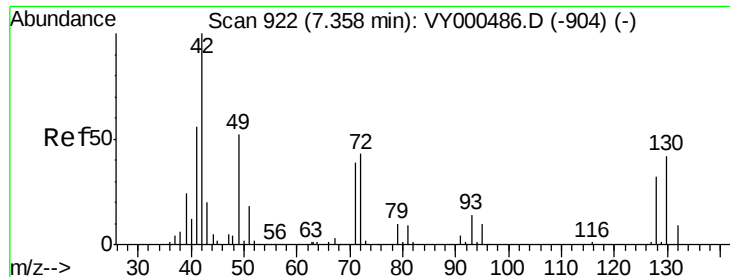


#28

Bromochloromethane
Concen: 15.725 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.6
130	69.4	59.4	89.0





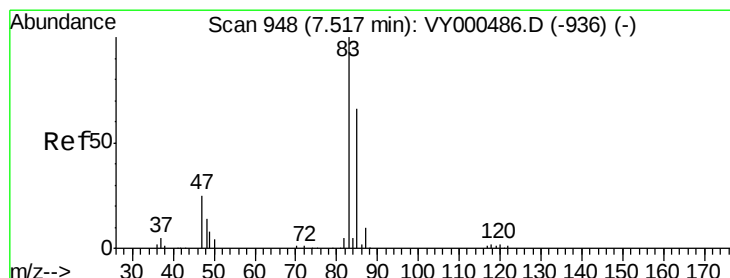
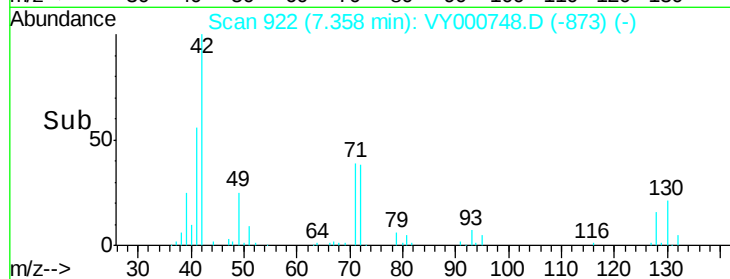
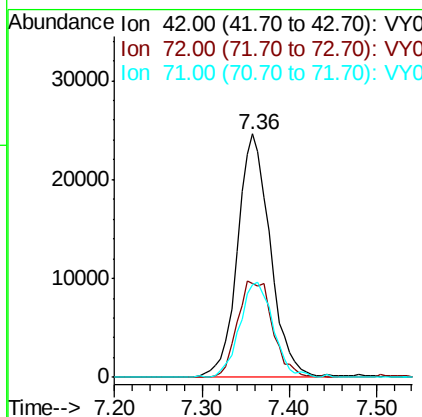
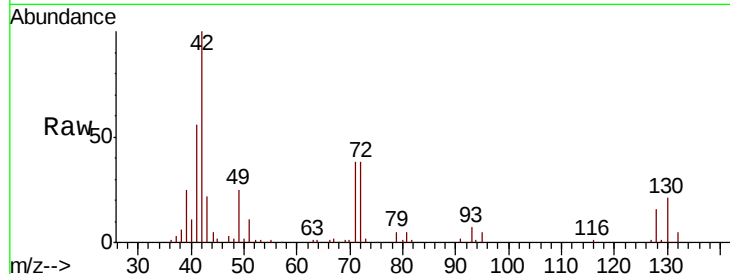
#29
Tetrahydrofuran
Concen: 112.334 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.0	51.0
71	39.9	30.8	46.2

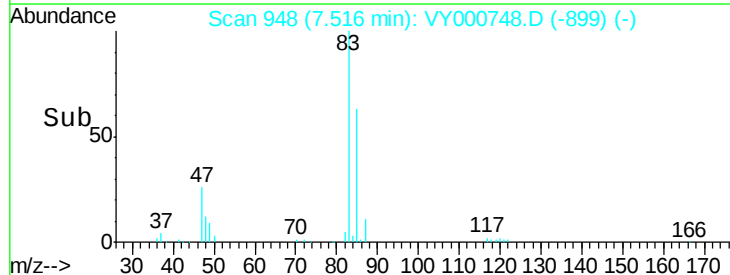
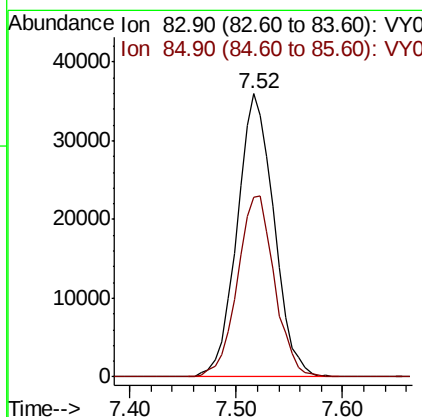
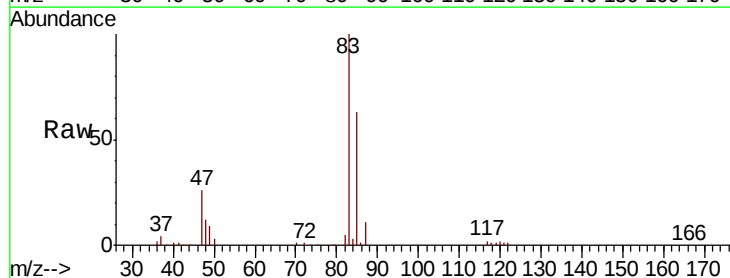
Manual Integrations
APPROVED

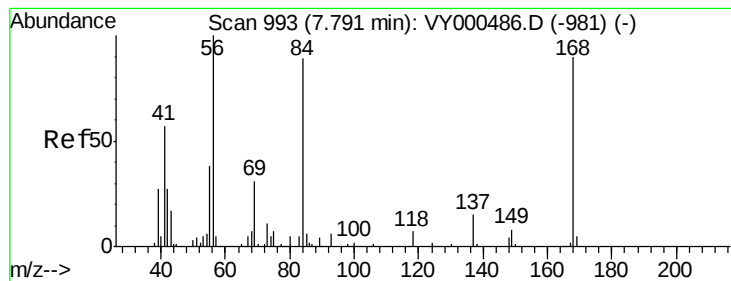
MMDadoda
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#30
Chloroform
Concen: 21.982 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.0	79.4





#31

Cyclohexane

Concen: 20.698 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 56 Resp: 84963

Ion Ratio Lower Upper

56 100

69 36.0 25.0 37.6

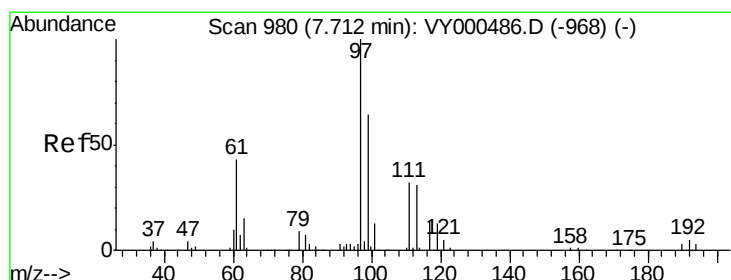
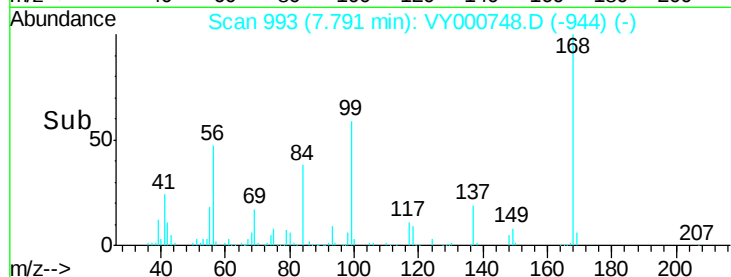
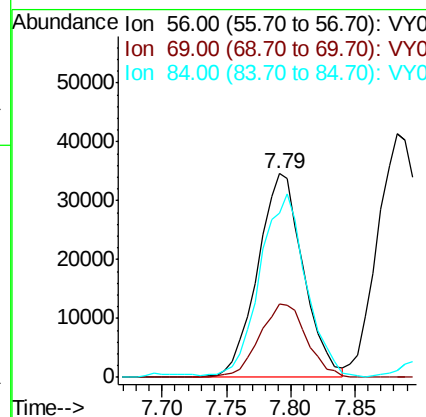
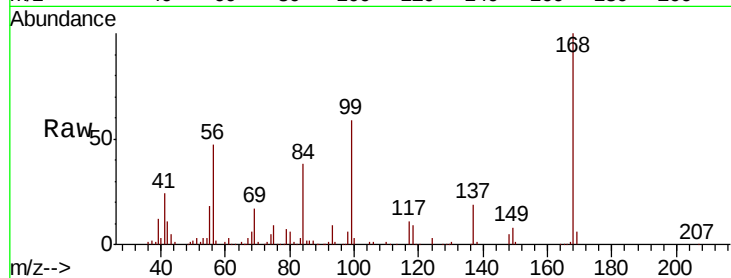
84 78.7 71.4 107.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 21.675 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

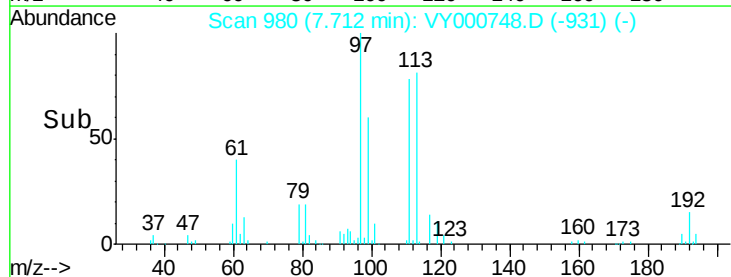
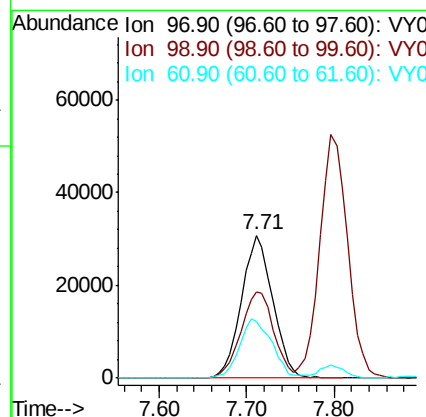
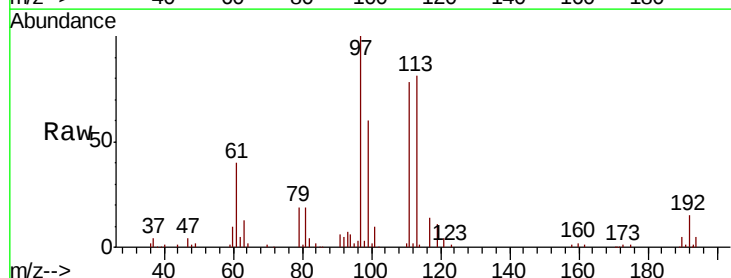
Tgt Ion: 97 Resp: 76586

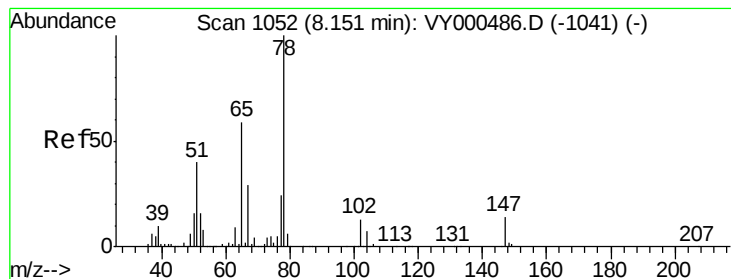
Ion Ratio Lower Upper

97 100

99 63.1 50.9 76.3

61 43.1 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 59.053 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 65 Resp: 125230

Ion Ratio Lower Upper

65 100

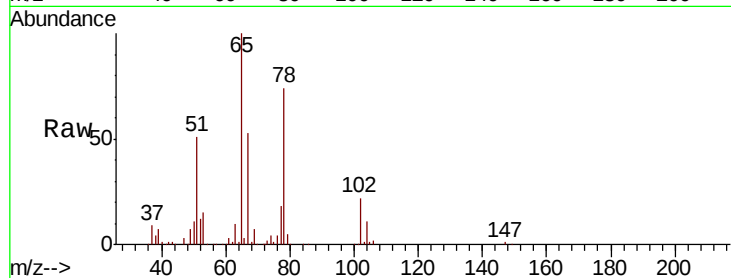
67 52.3 0.0 107.2

Manual Integrations

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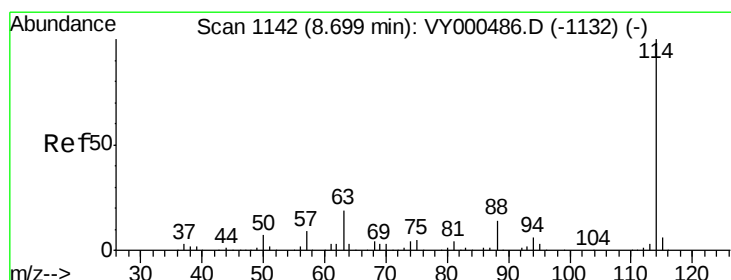
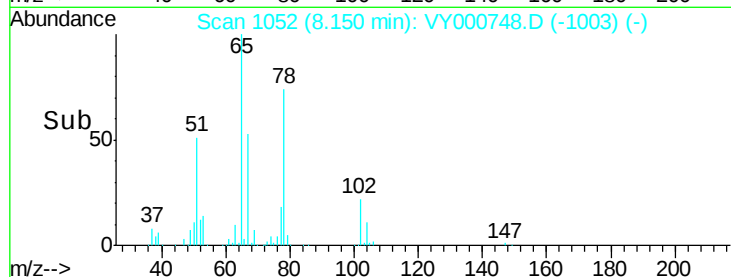
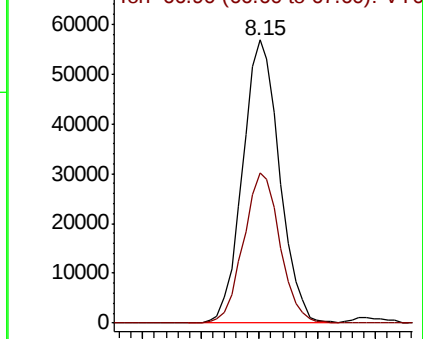
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

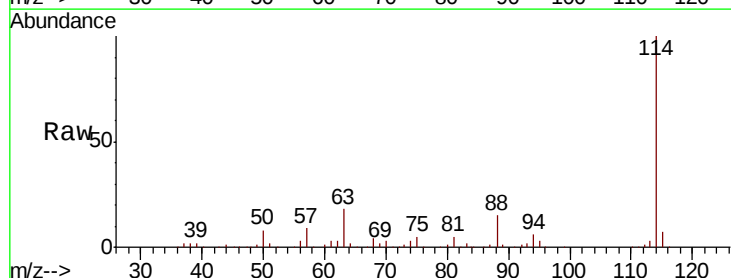
Tgt Ion: 114 Resp: 339482

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

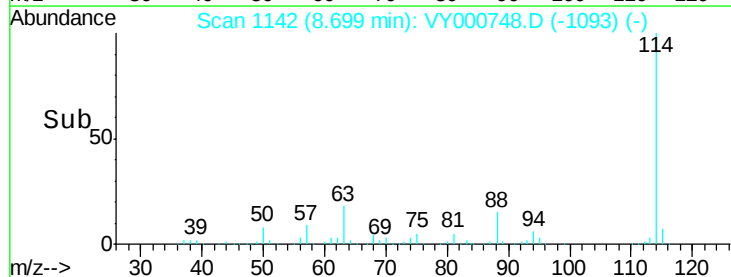
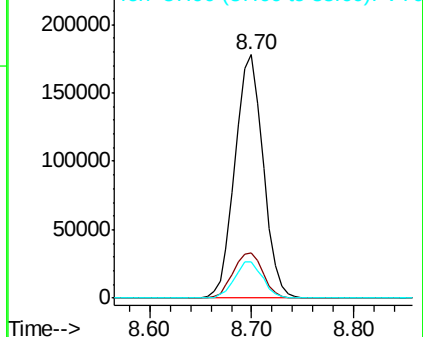
88 15.0 0.0 28.6

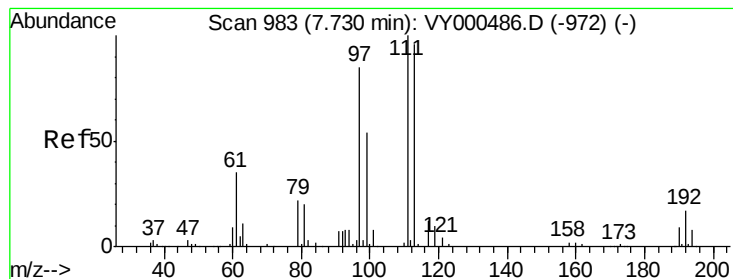


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 54.809 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

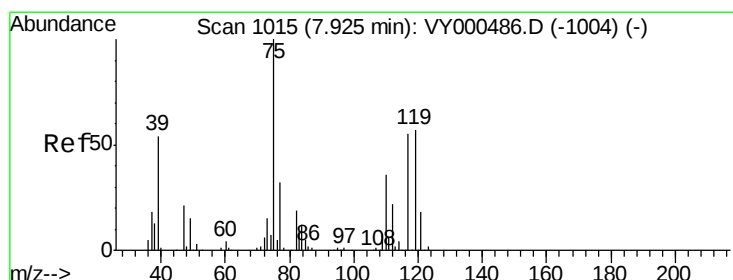
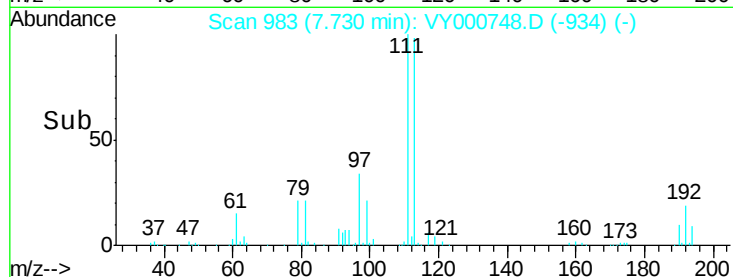
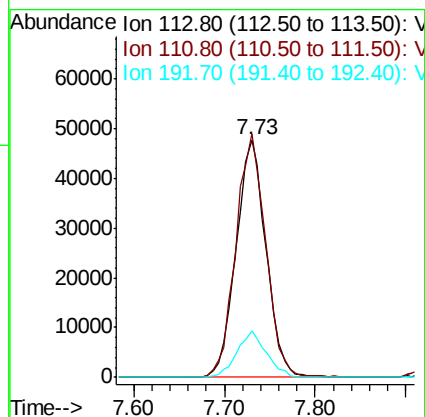
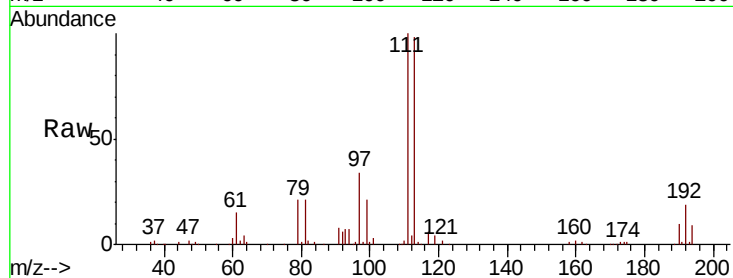
ClientSampleId :

VY1120SBS01

Tot Ion:	113	Resp:	109233
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.7	122.5
192	19.0	15.0	22.4

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#36

1,1-Dichloropropene

Concen: 21.222 ug/l

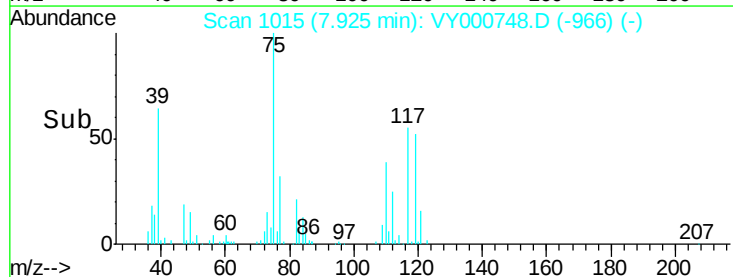
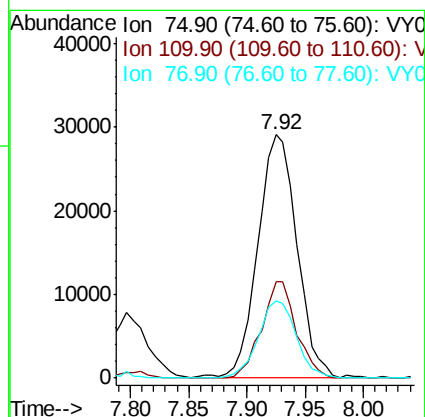
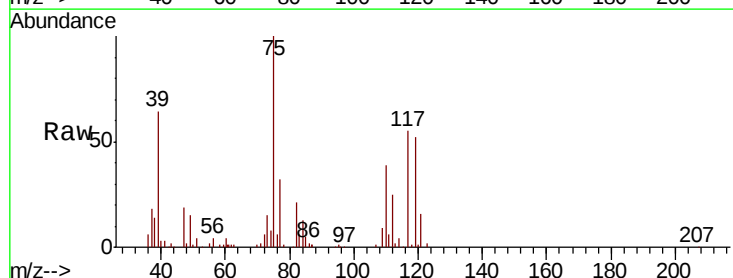
RT: 7.92 min Scan# 1015

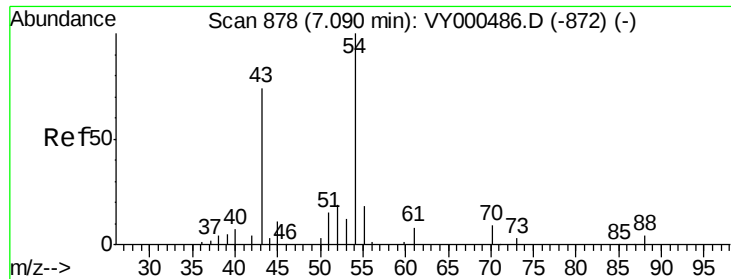
Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion:	75	Resp:	68107
Ion Ratio	Lower	Upper	
75	100		
110	35.4	18.1	54.1
77	31.0	25.0	37.6





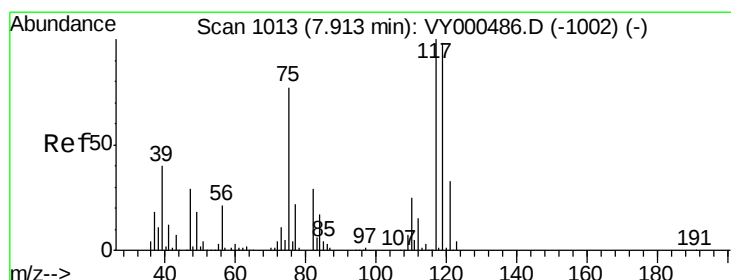
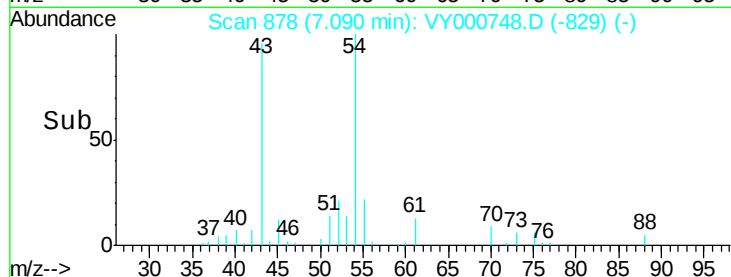
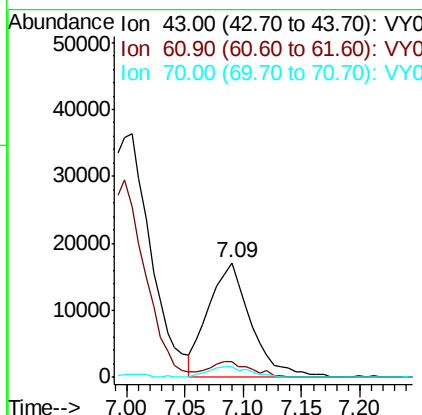
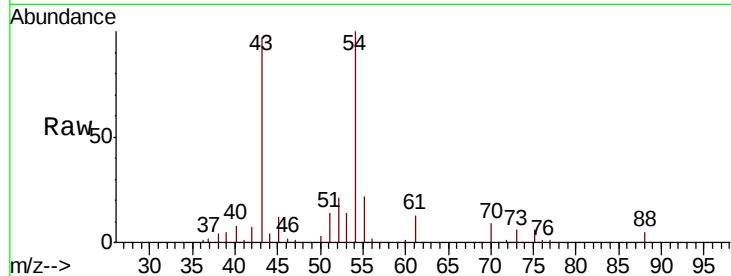
#37
Ethyl Acetate
Concen: 22.537 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.2
70	9.4	7.8	11.8

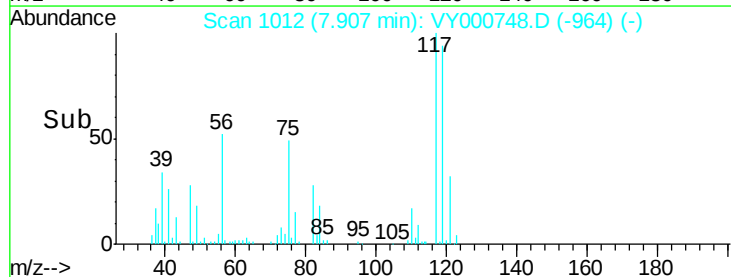
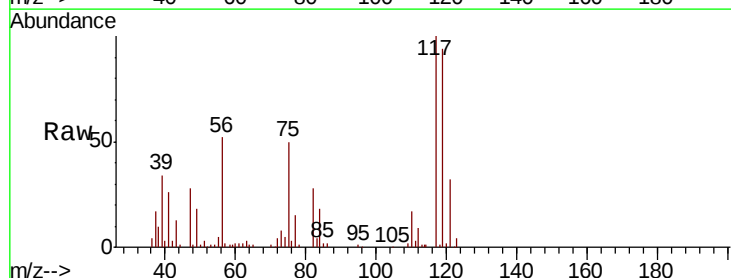
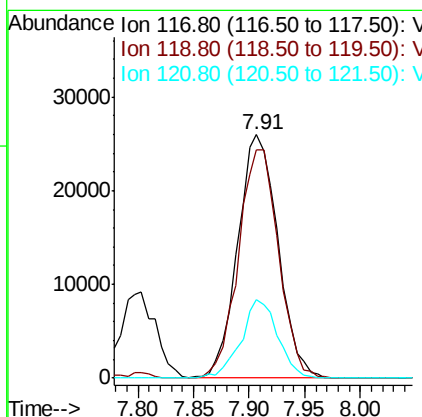
Manual Integrations
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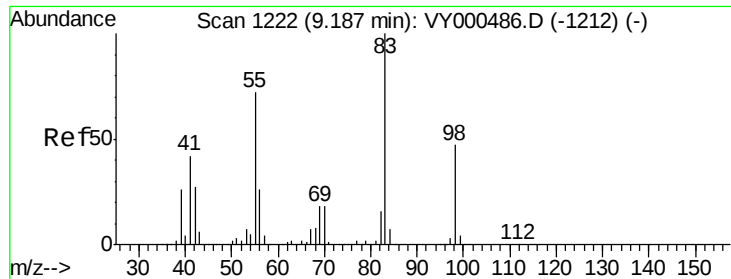
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.105 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.0	117.0
121	32.2	26.6	40.0





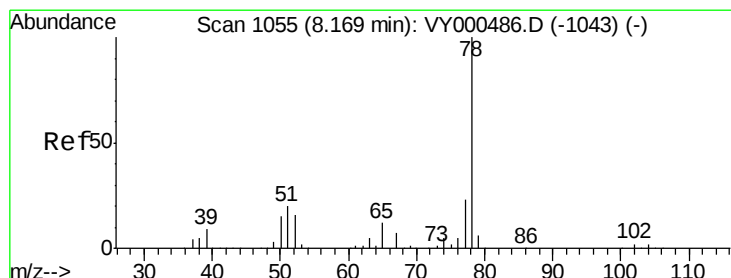
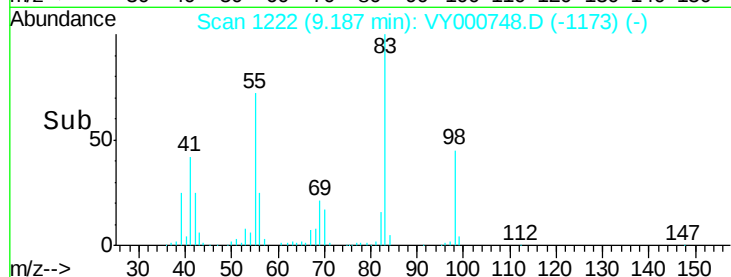
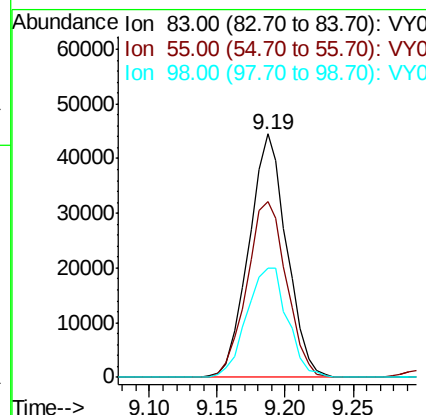
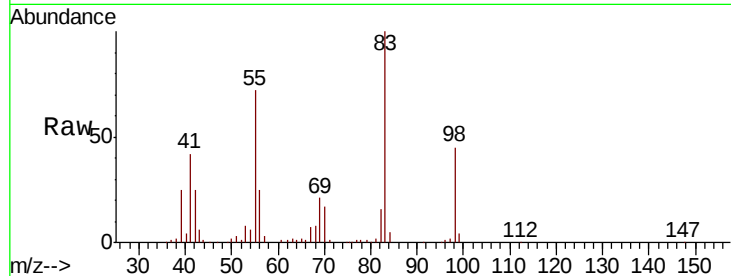
#39
Methvlcvclohexane
Concen: 20.907 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	57.5	86.3
98	44.8	38.0	57.0

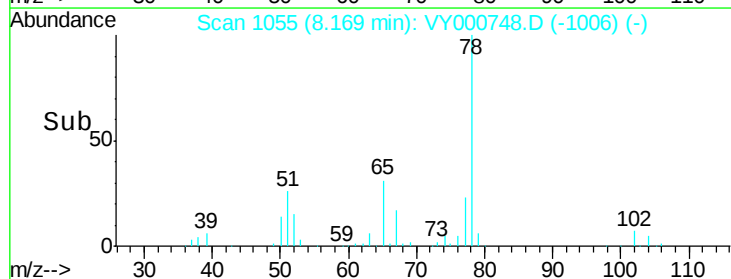
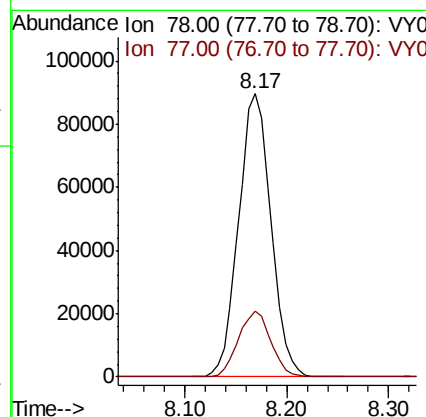
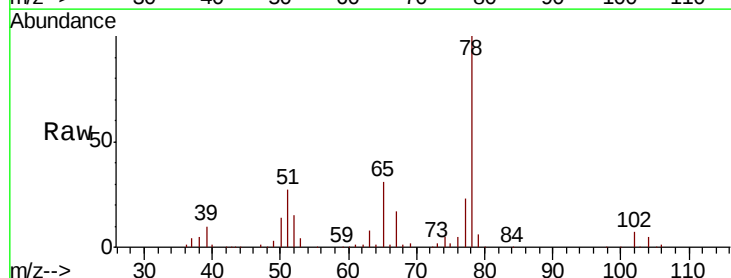
Manual Integrations
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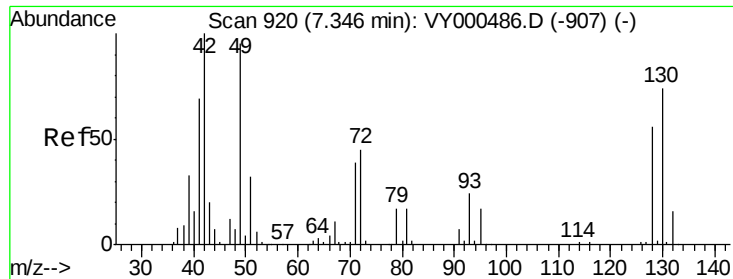
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#40
Benzene
Concen: 20.948 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





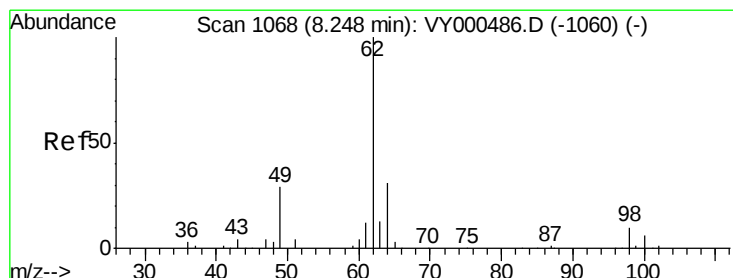
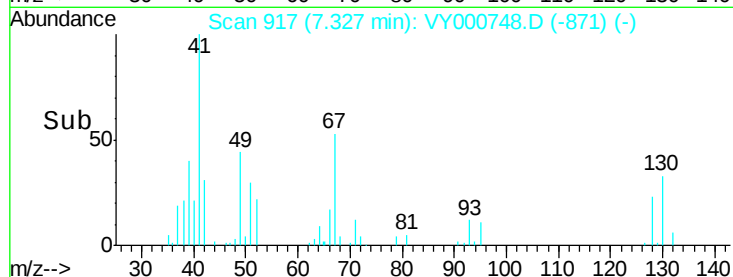
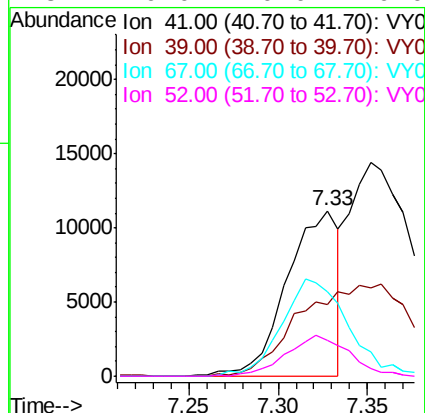
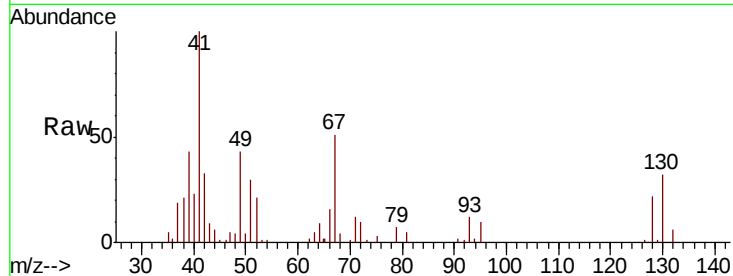
#41
Methacrylonitrile
Concen: 21.371 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion:	41	Resp:	22716
Ion	Ratio	Lower	Upper
41	100		
39	120.4	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

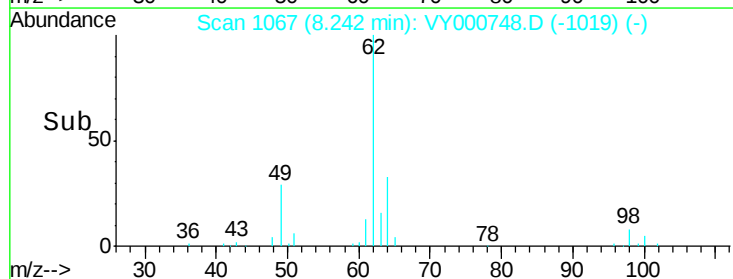
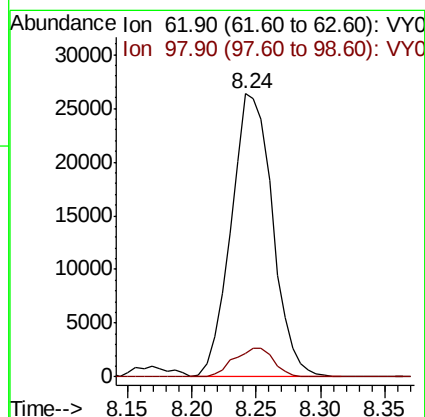
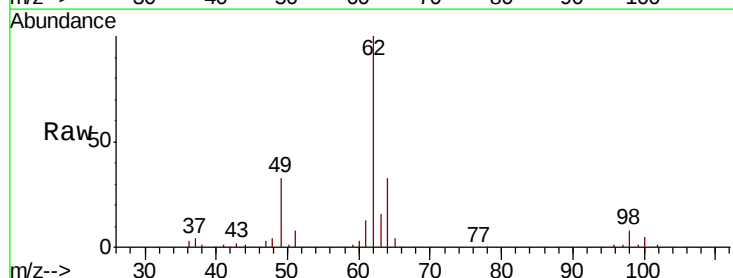
Manual Integrations
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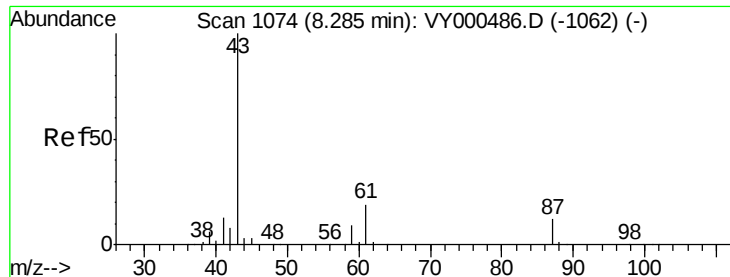
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.066 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:	62	Resp:	58887
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43

Isopropyl Acetate

Concen: 22.402 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

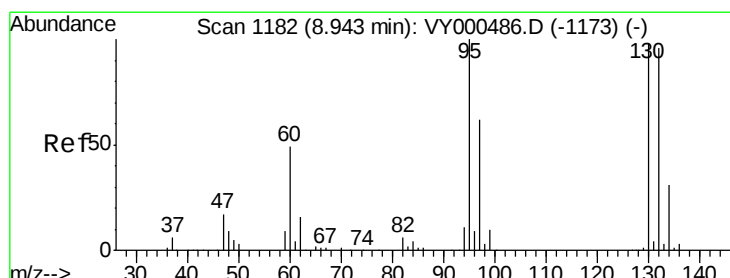
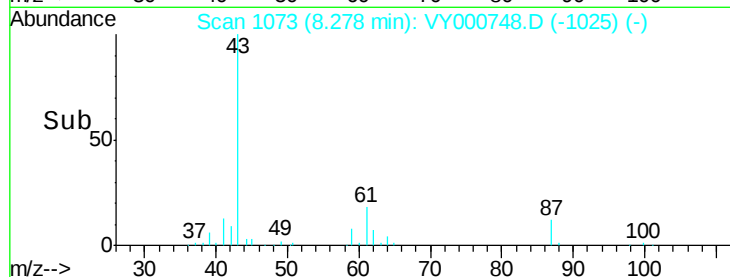
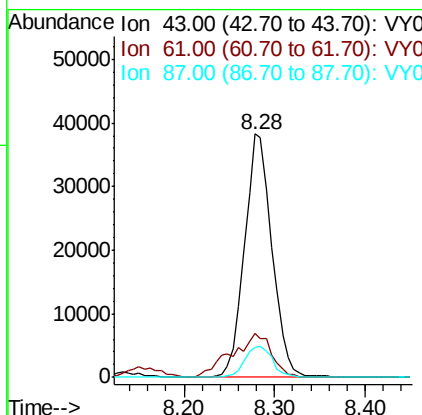
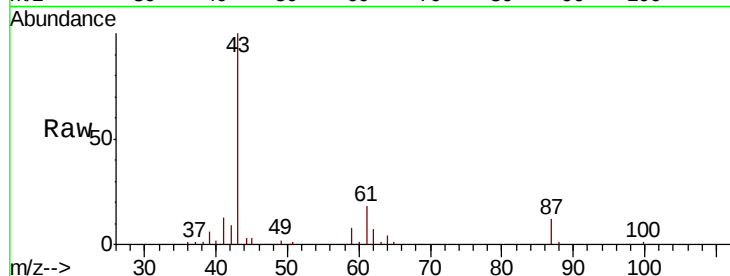
ClientSampleId :

VY1120SBS01

Tot Ion:	43	Resp:	80183
Ion	Ratio	Lower	Upper
43	100		
61	26.7	23.0	34.4
87	12.6	10.5	15.7

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#44

Trichloroethene

Concen: 21.309 ug/l

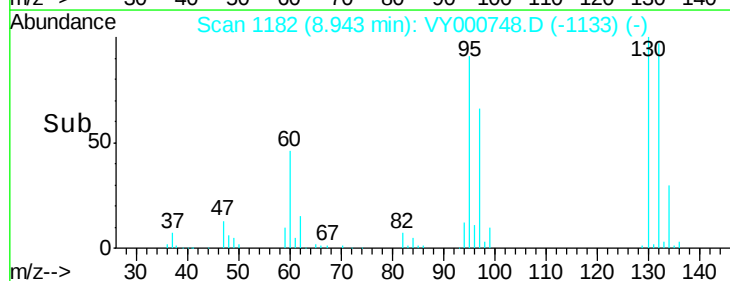
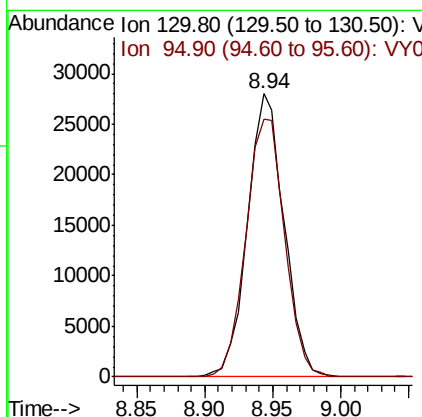
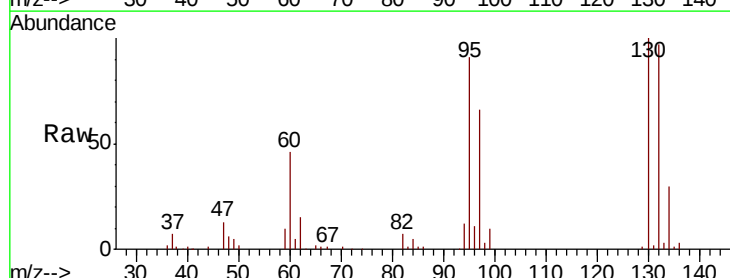
RT: 8.94 min Scan# 1182

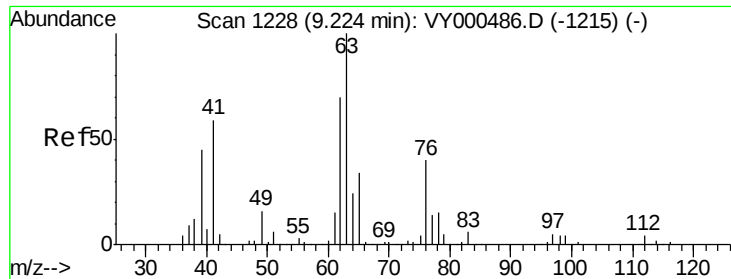
Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion:	130	Resp:	52863
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	203.2





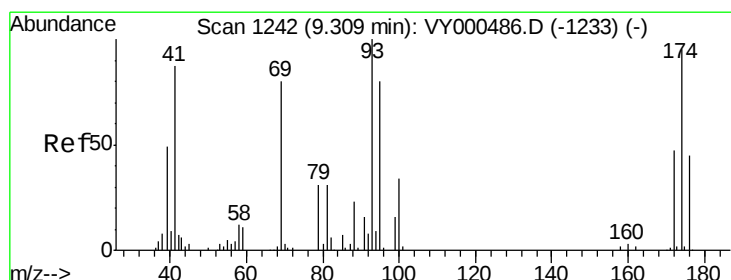
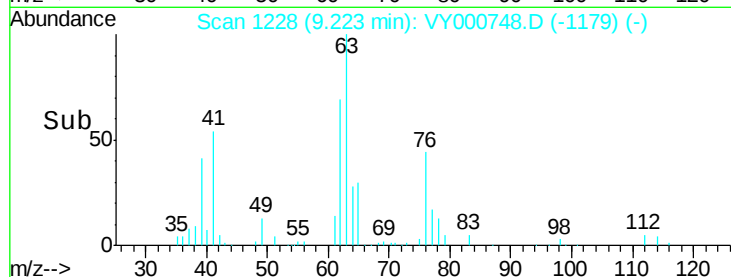
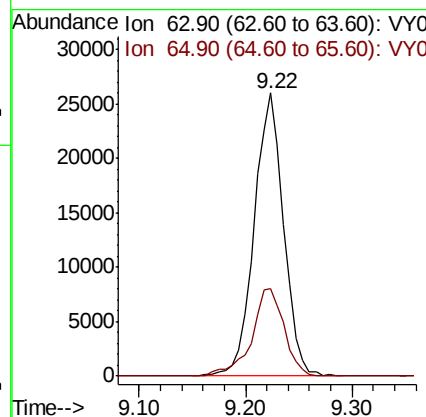
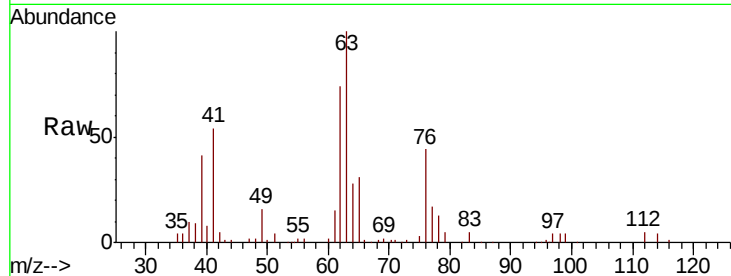
#45
 1,2-Dichloropropane
 Concen: 21.746 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	27.0	40.4

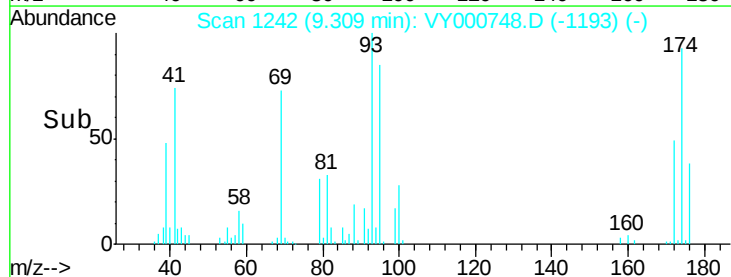
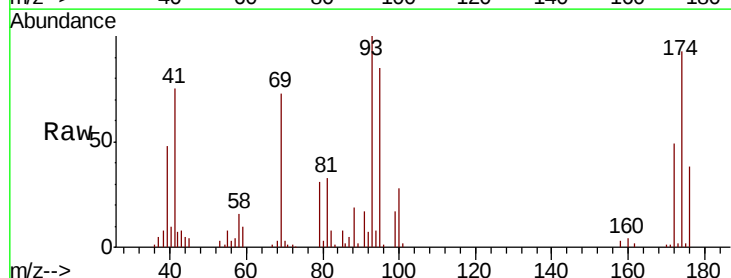
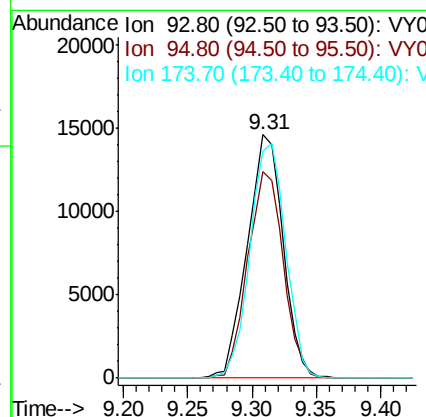
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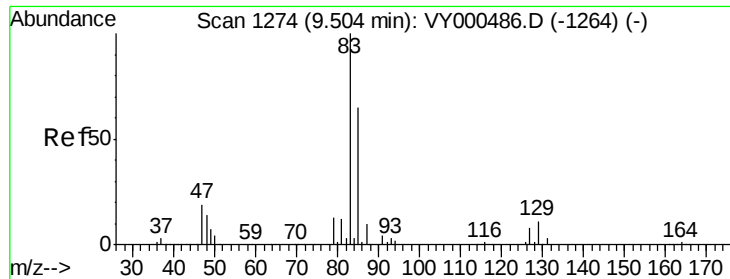
MMDadoda
 11/22/2019 12:53:13 AM



#46
 Dibromomethane
 Concen: 22.039 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	66.4	99.6
174	95.6	77.1	115.7





#47

Bromodichloromethane

Concen: 22.113 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

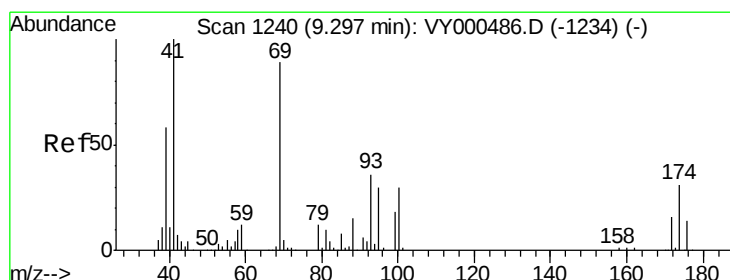
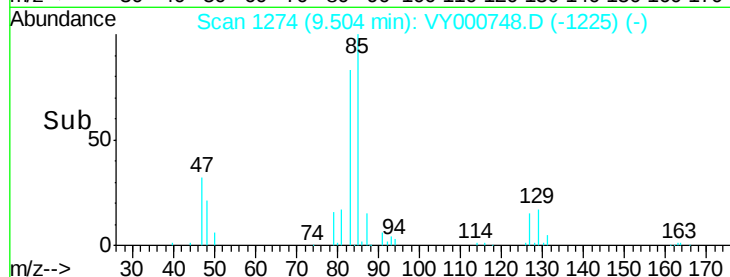
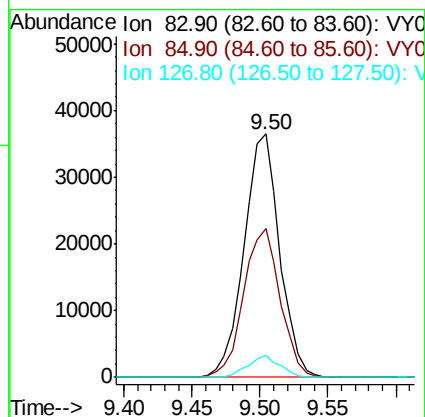
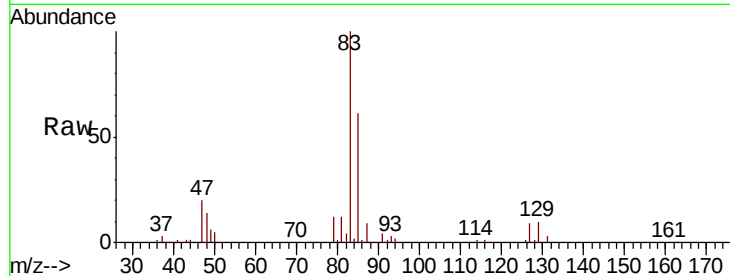
ClientSampleId :

VY1120SBS01

Tot Ion:	83	Resp:	66822
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.8
127	8.9	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.413 ug/l

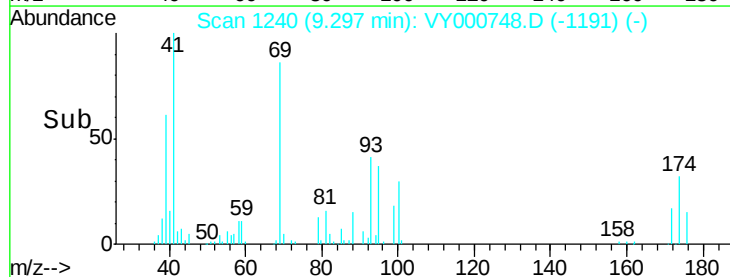
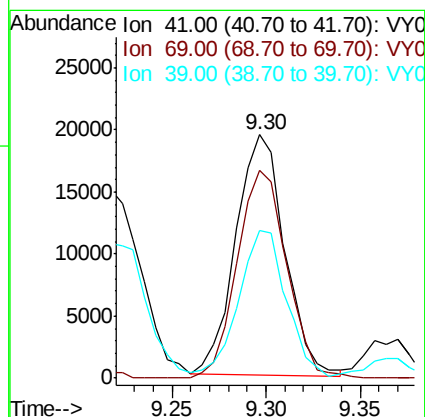
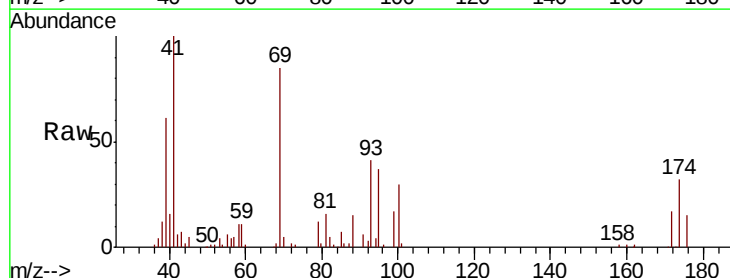
RT: 9.30 min Scan# 1240

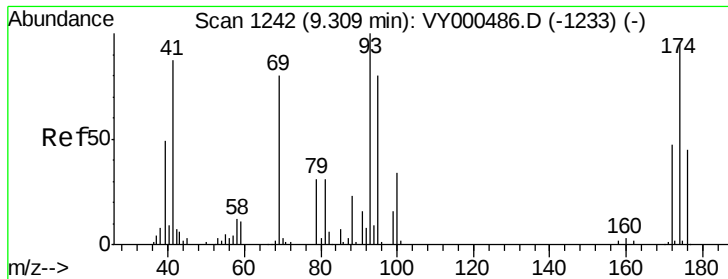
Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion:	41	Resp:	35051
Ion	Ratio	Lower	Upper
41	100		
69	87.4	72.5	108.7
39	60.0	47.8	71.8





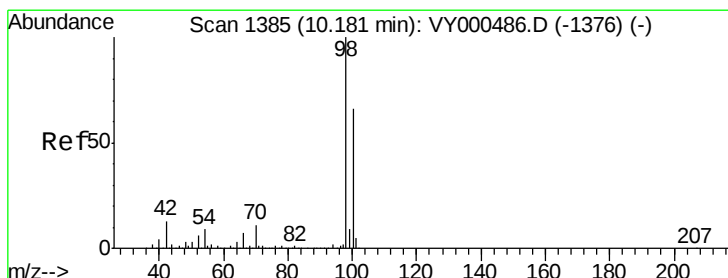
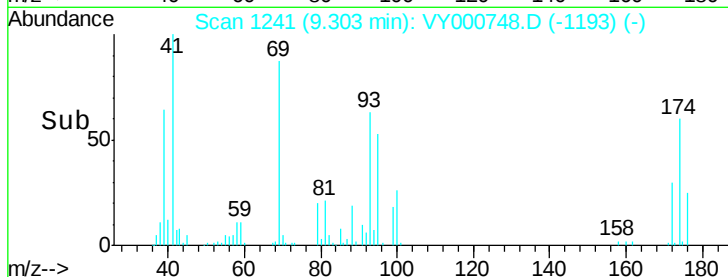
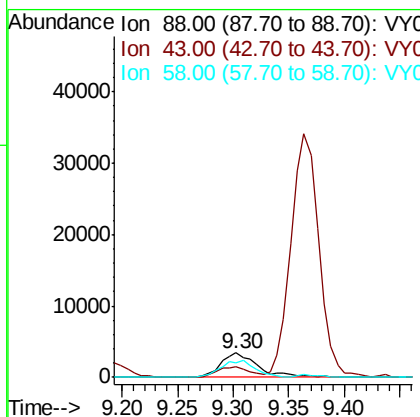
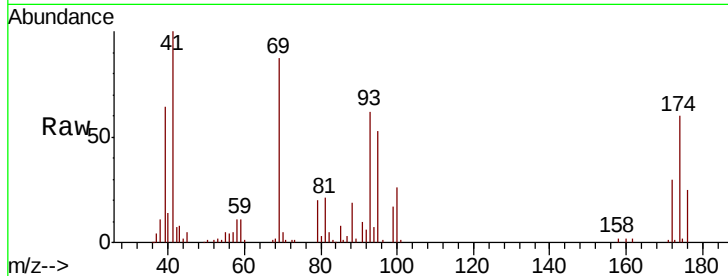
#49
 1,4-Dioxane
 Concen: 463.124 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	88	Resp	7938
Ion Ratio	100	Lower	Upper
88	100		
43	38.7	25.1	37.7#
58	65.0	50.6	75.8

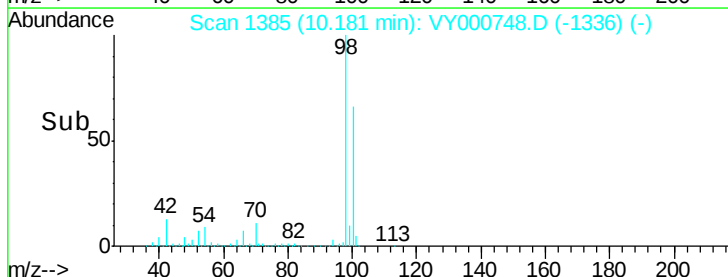
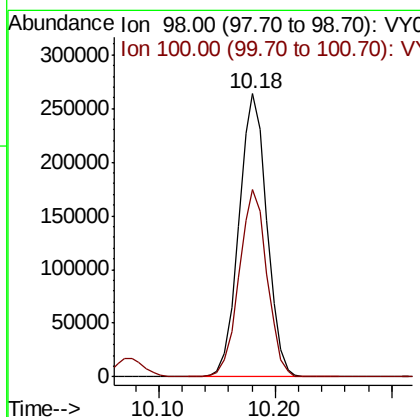
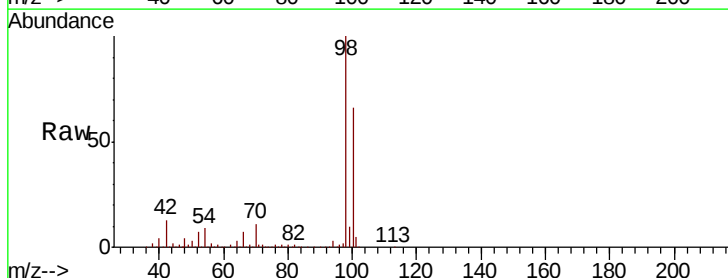
Manual Integrations
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 11/22/2019 12:53:13 AM



#50
 Toluene-d8
 Concen: 58.281 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	98	Resp	440739
Ion Ratio	100	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 112.846 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 43 Resp: 214745

Ion Ratio Lower Upper

43 100

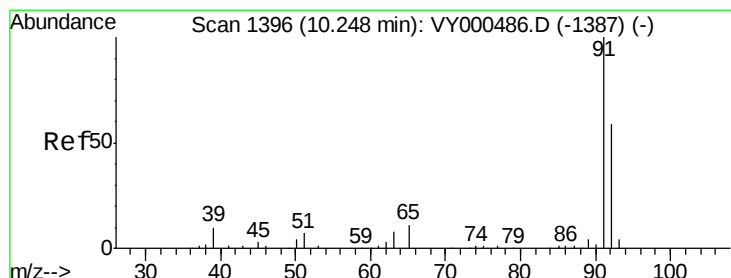
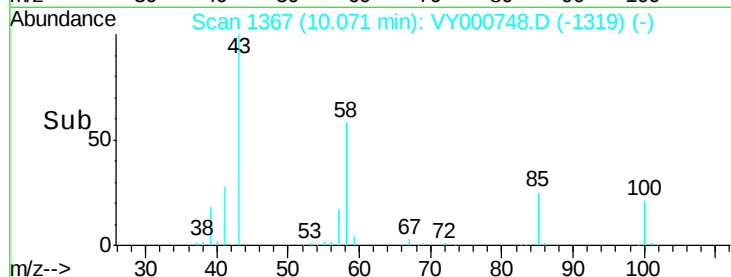
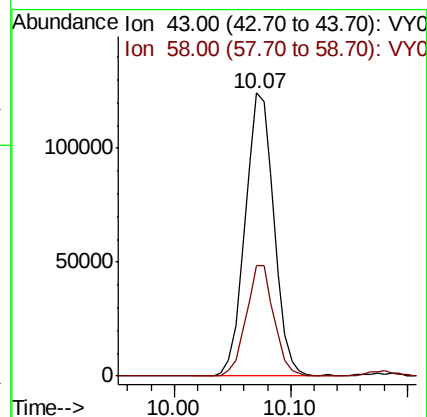
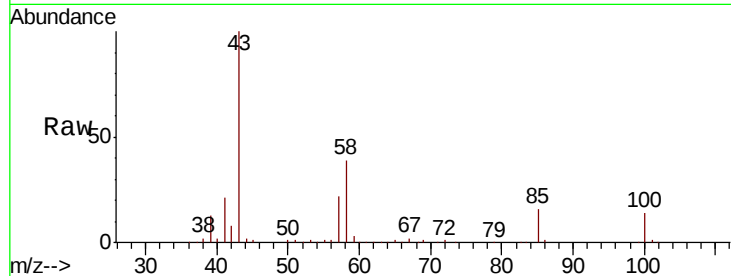
58 37.9 30.2 45.4

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#52

Toluene

Concen: 22.067 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000748.D

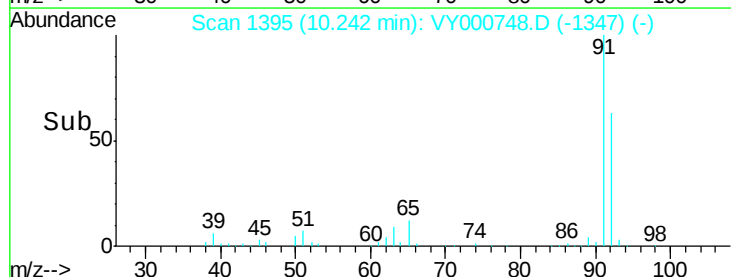
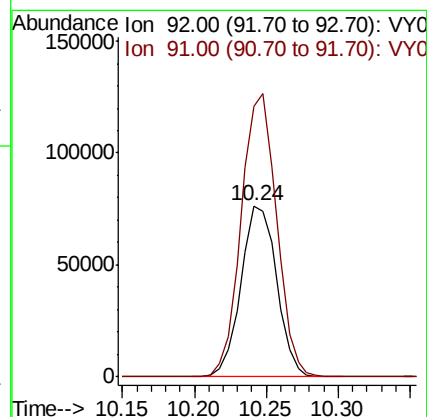
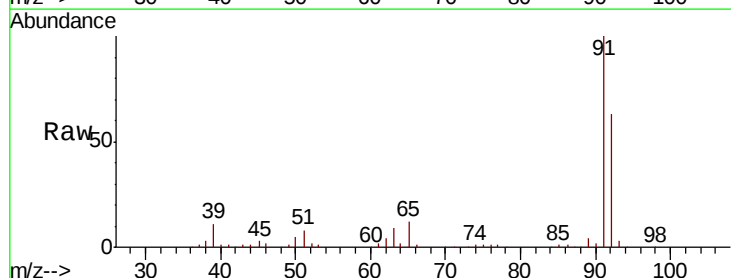
Acq: 20 Nov 2019 12:24

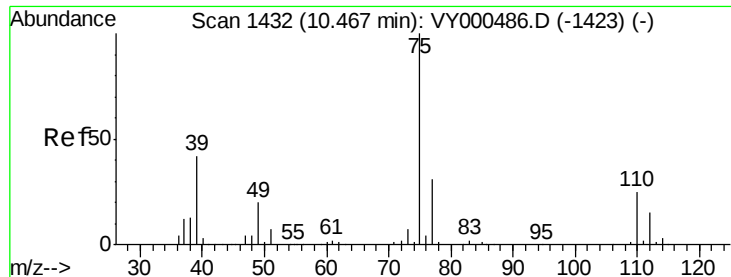
Tgt Ion: 92 Resp: 131266

Ion Ratio Lower Upper

92 100

91 164.7 136.3 204.5





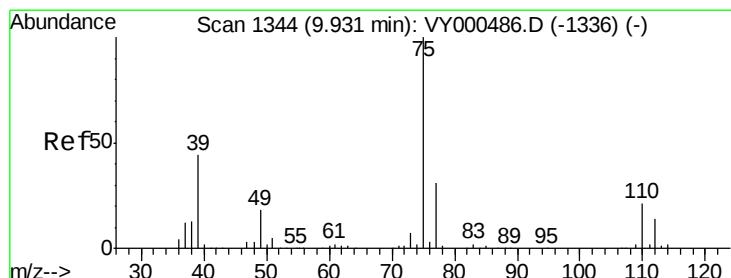
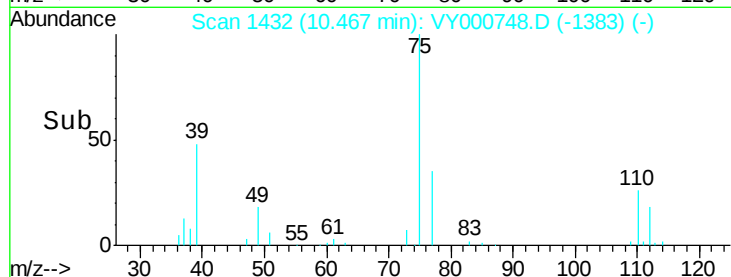
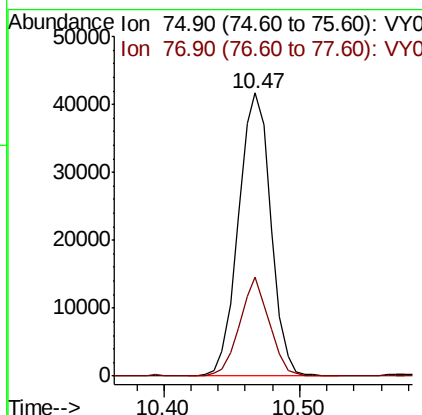
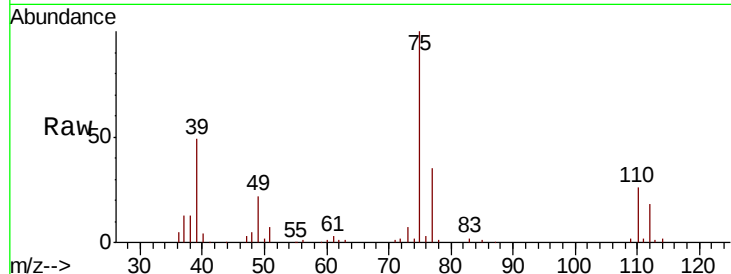
#53
t-1,3-Dichloropropene
Concen: 21.397 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 75 Resp: 69089
Ion Ratio Lower Upper
75 100
77 34.9 24.6 37.0

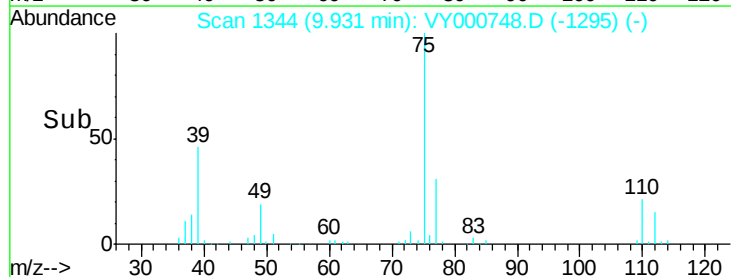
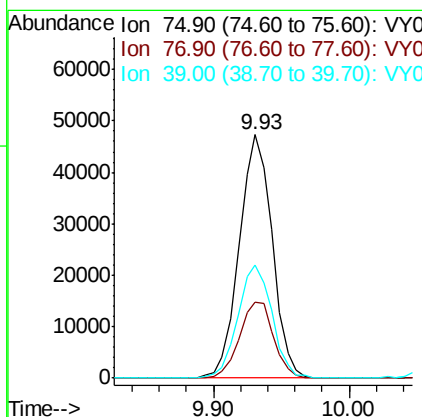
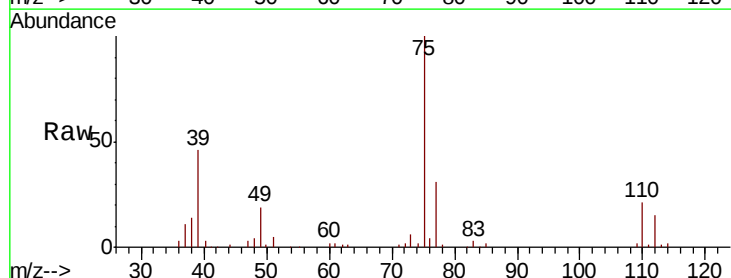
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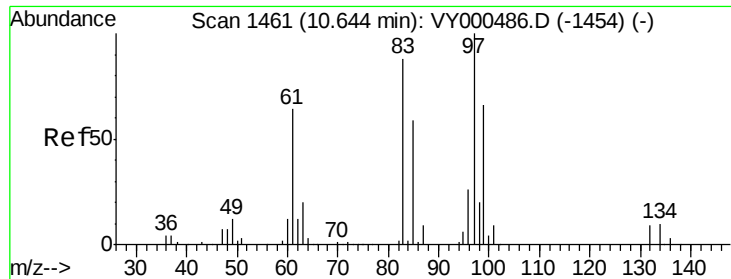
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.643 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 75 Resp: 80058
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 46.4 35.4 53.2





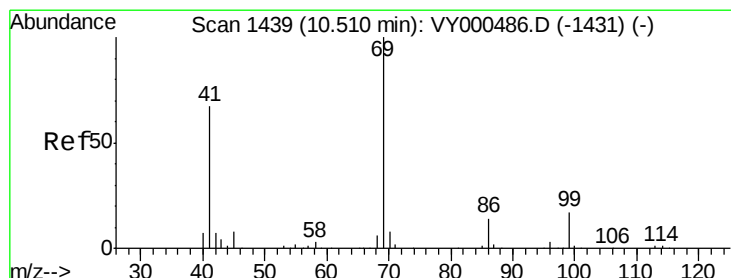
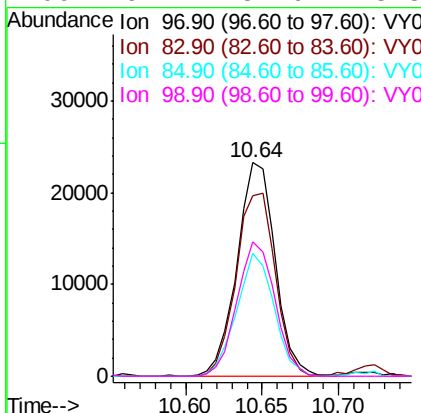
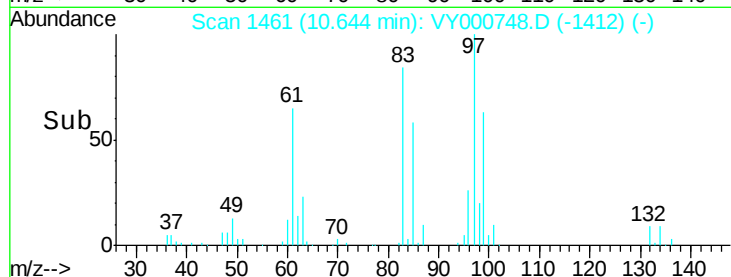
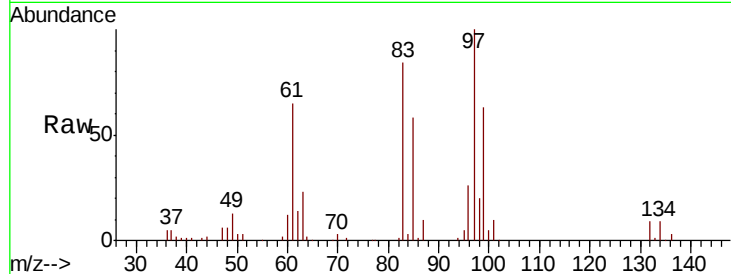
#55
 1,1,2-Trichloroethane
 Concen: 21.967 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		40465		
83	84.5	70.2	105.4		
85	57.7	46.9	70.3		
99	62.7	52.6	78.8		

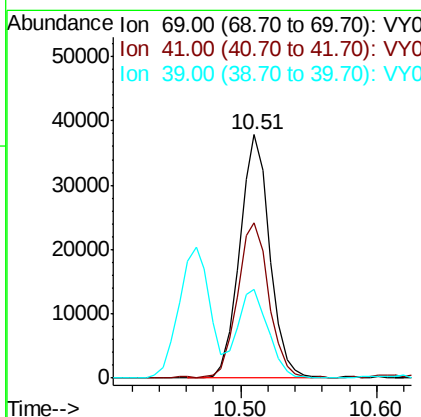
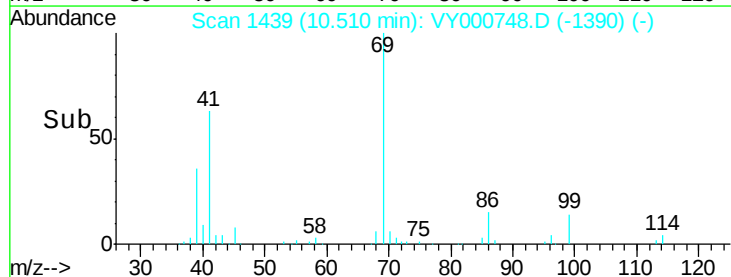
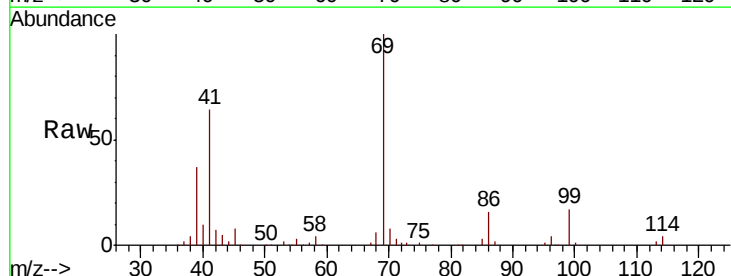
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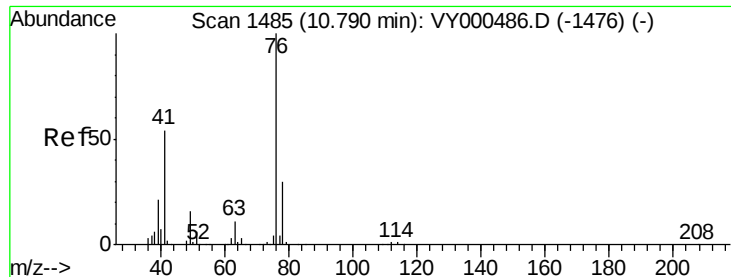
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 11/22/2019 12:53:13 AM



#56
 Ethyl methacrylate
 Concen: 22.355 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		58365		
41	67.2	53.3	79.9		
39	37.9	28.0	42.0		





#57

1,3-Dichloropropane

Concen: 22.232 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 76 Resp: 71674

Ion Ratio Lower Upper

76 100

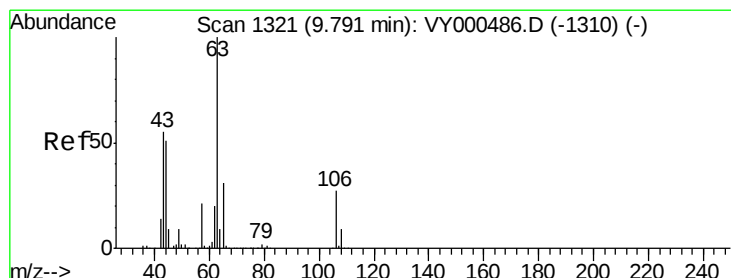
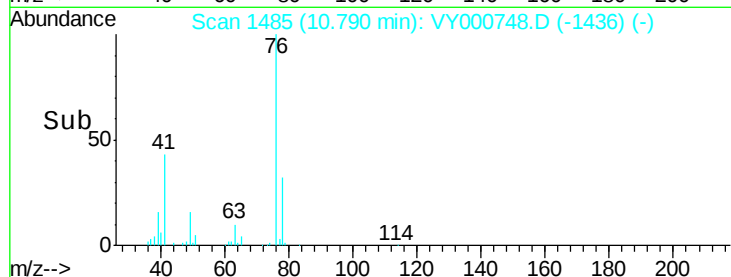
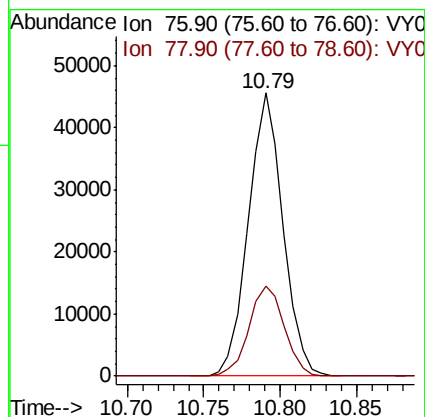
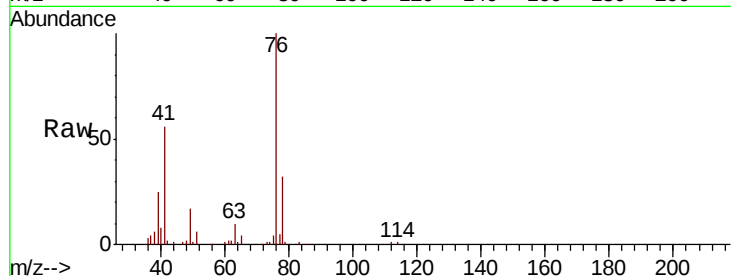
78 32.6 25.2 37.8

Manual Integrations

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11/22/2019 12:53:13 AM



#58

2-Chloroethyl Vinyl ether

Concen: 110.918 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000748.D

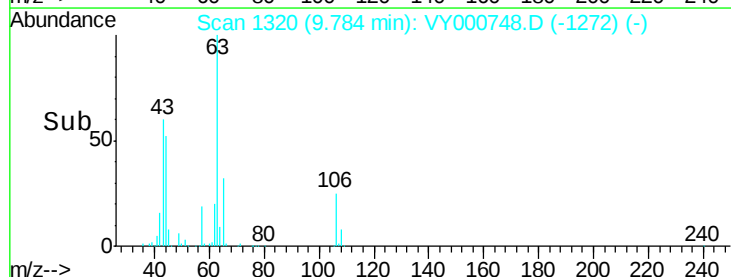
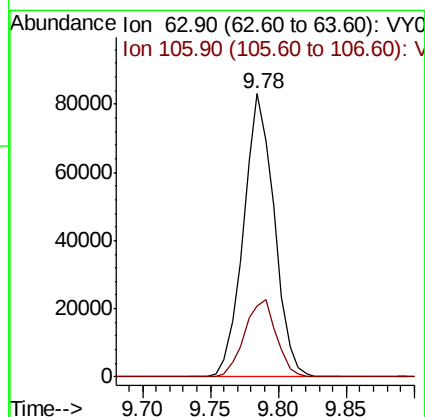
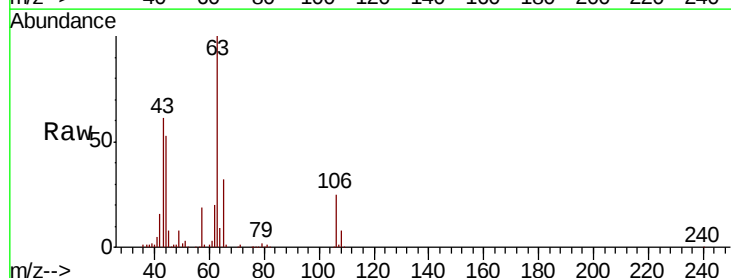
Acq: 20 Nov 2019 12:24

Tgt Ion: 63 Resp: 130918

Ion Ratio Lower Upper

63 100

106 28.2 22.6 33.8





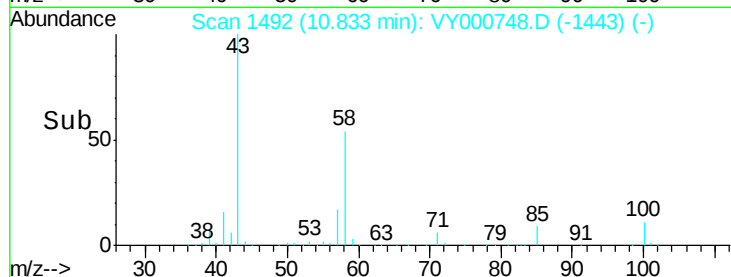
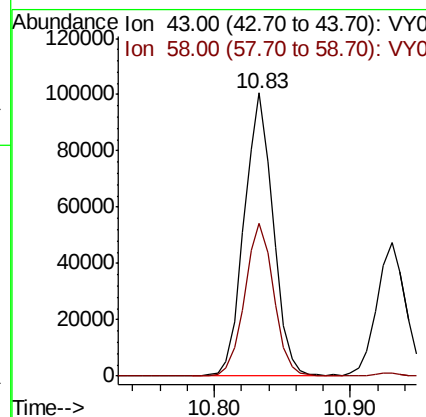
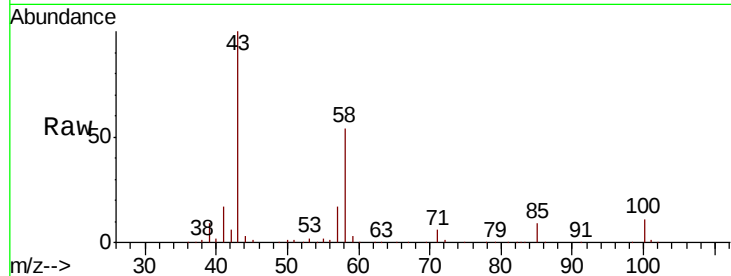
#59
2-Hexanone
Concen: 107.871 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 43 Resp: 149564
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

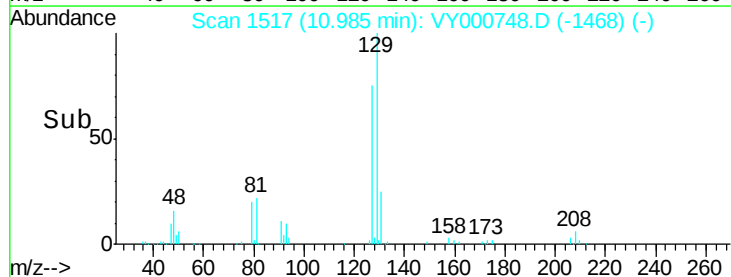
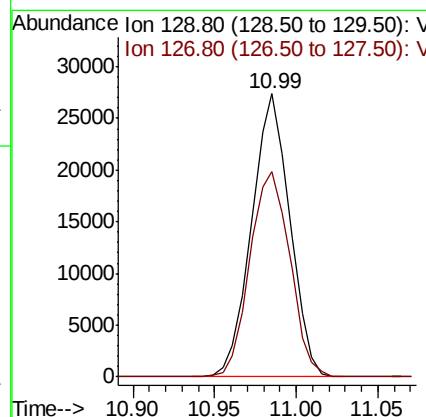
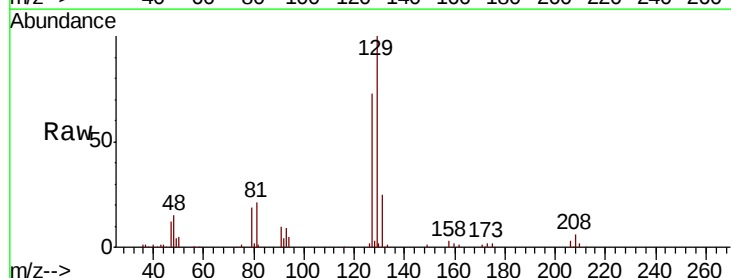
Manual Integrations
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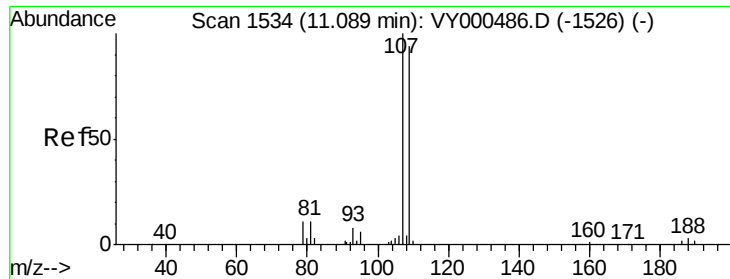
MMDadoda
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#60
Dibromochloromethane
Concen: 21.238 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 129 Resp: 44810
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.2





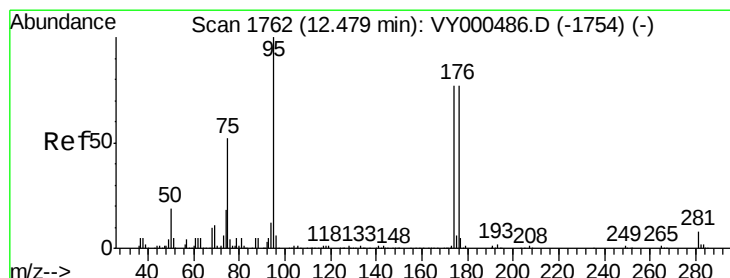
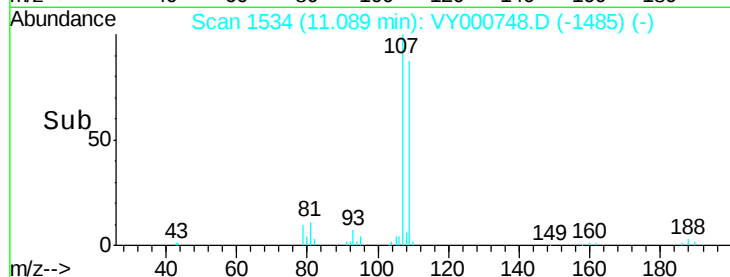
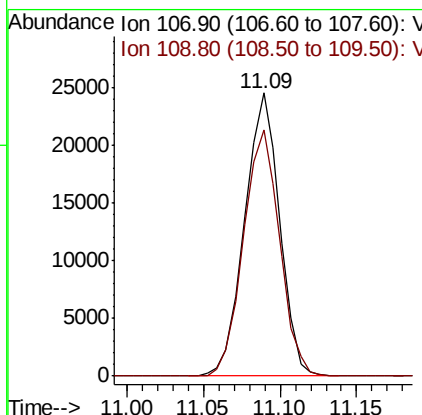
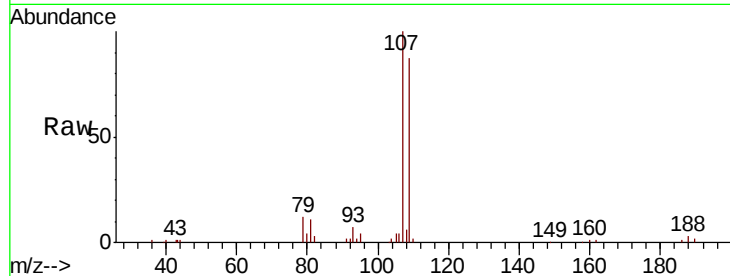
#61
 1,2-Dibromoethane
 Concen: 22.019 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	89.9	73.6	110.4

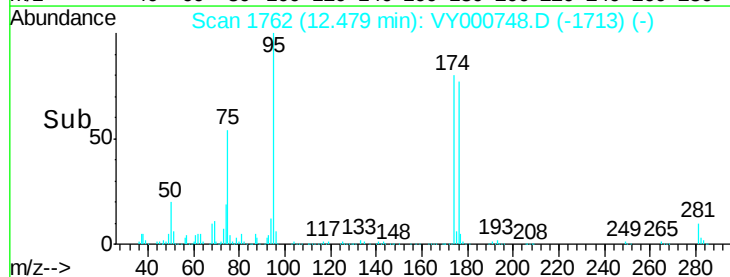
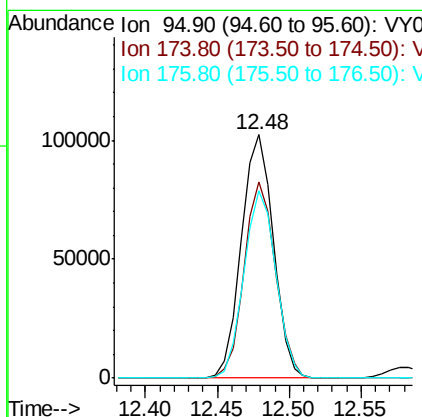
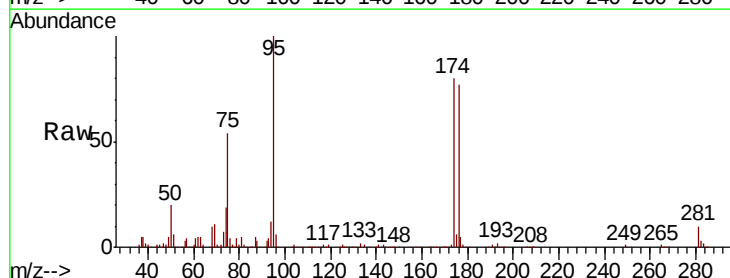
Manual Integrations
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 11/22/2019 12:53:13 AM



#62
 4-Bromofluorobenzene
 Concen: 54.793 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	161.6
176	77.0	0.0	157.8





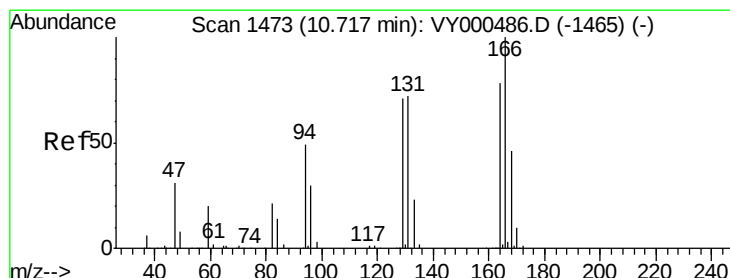
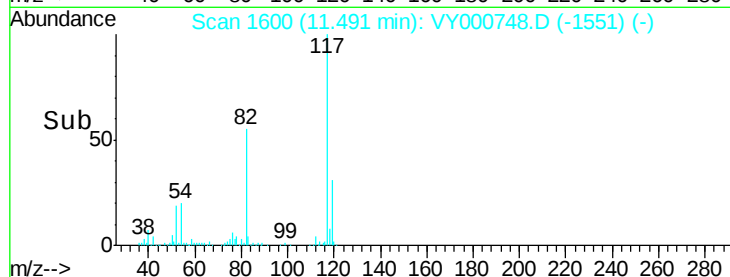
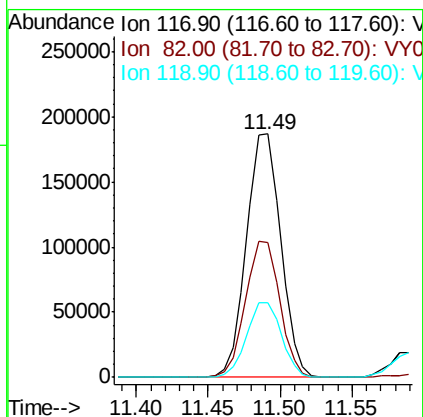
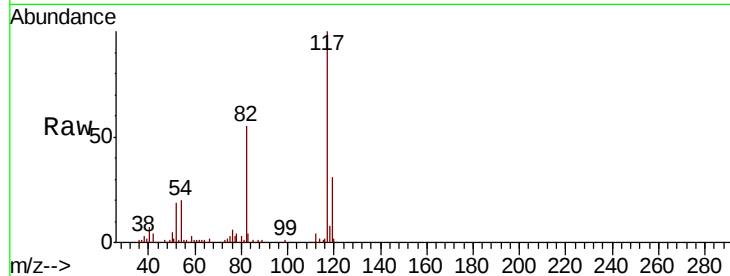
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	40.8	61.2
119	30.9	26.2	39.2

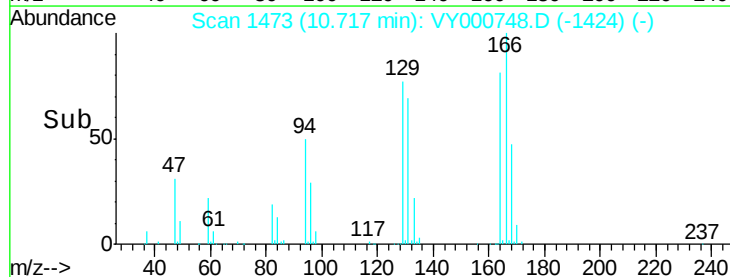
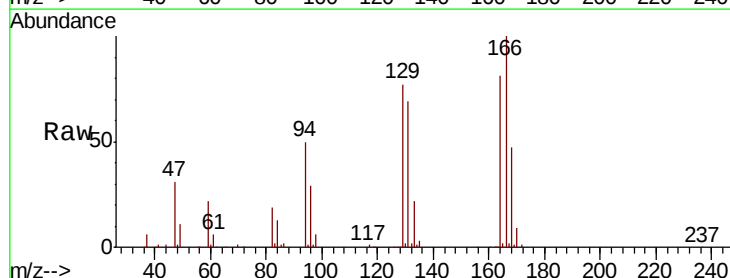
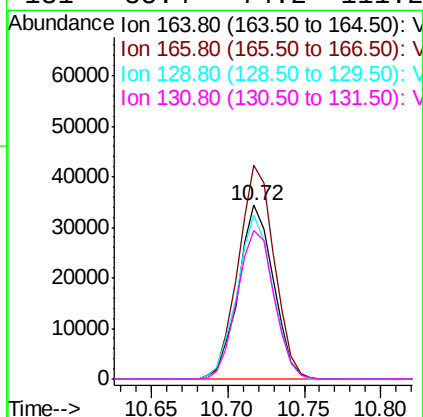
Manual Integrations
APPROVED

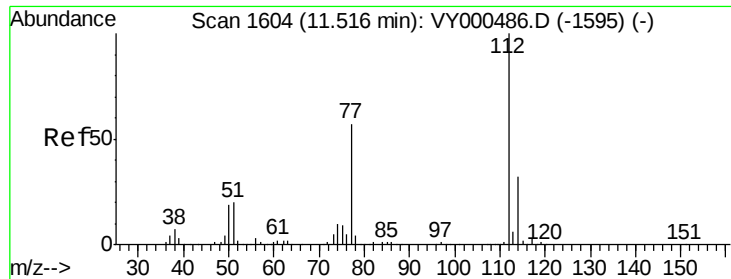
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#64
Tetrachloroethene
Concen: 21.615 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	102.7	154.1
129	94.4	73.2	109.8
131	85.4	74.2	111.2





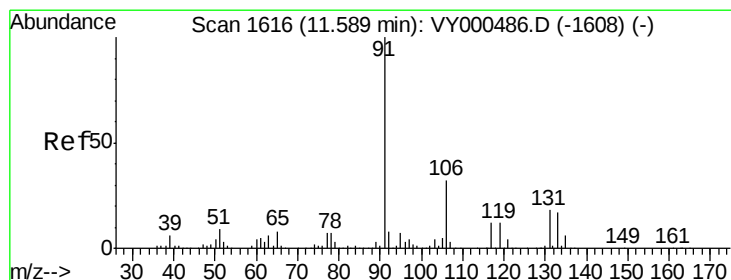
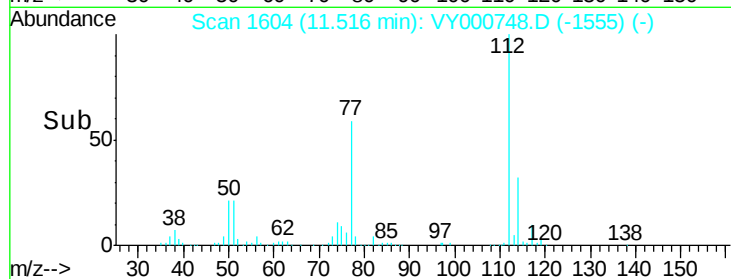
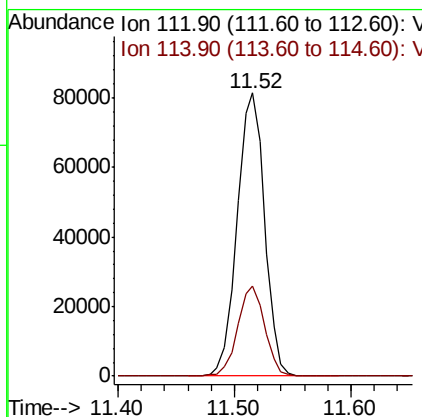
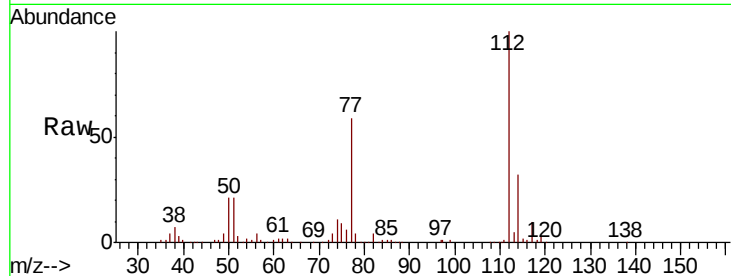
#65
Chlorobenzene
Concen: 21.366 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion:112 Resp: 133289
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

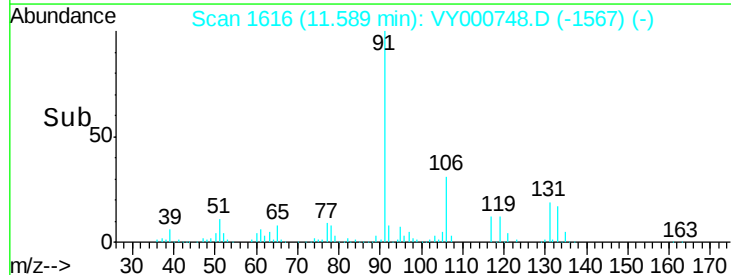
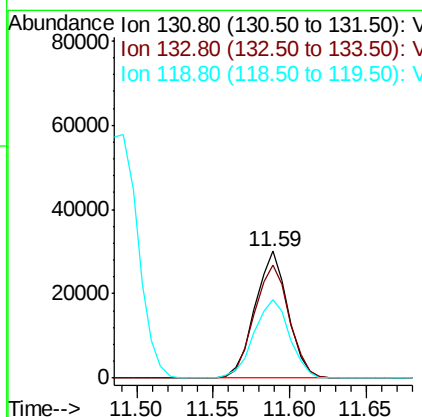
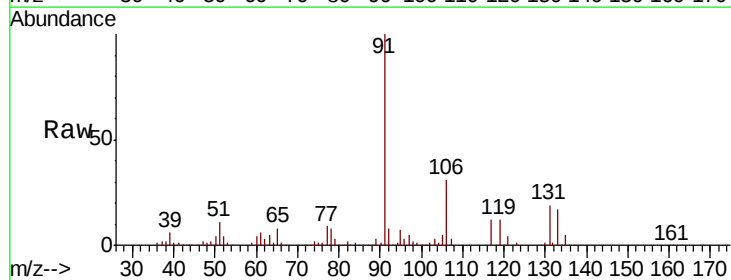
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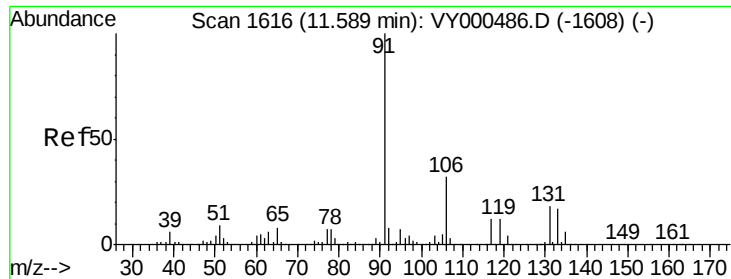
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:131 Resp: 45330
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.8
119 66.7 33.1 99.3





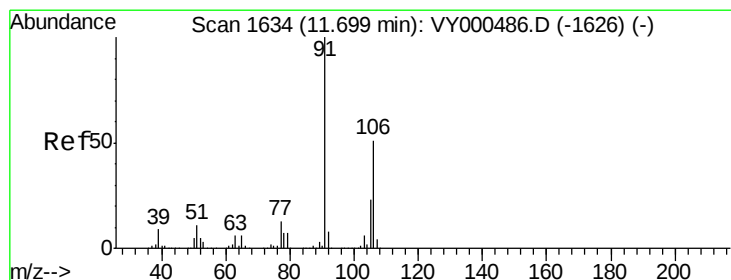
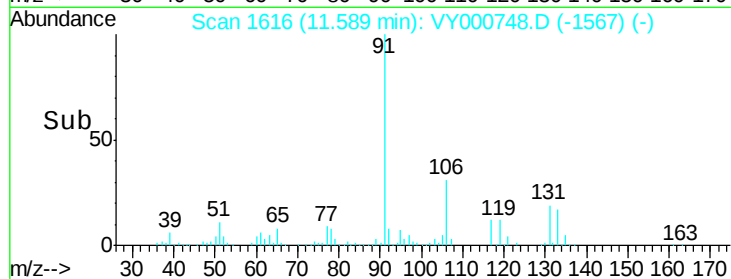
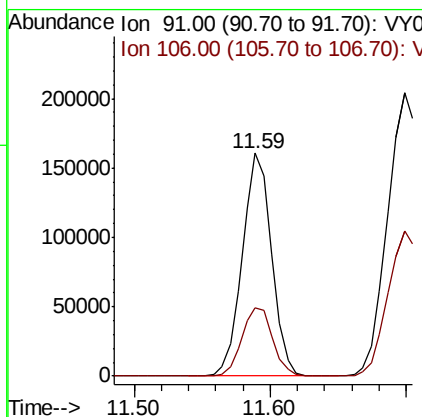
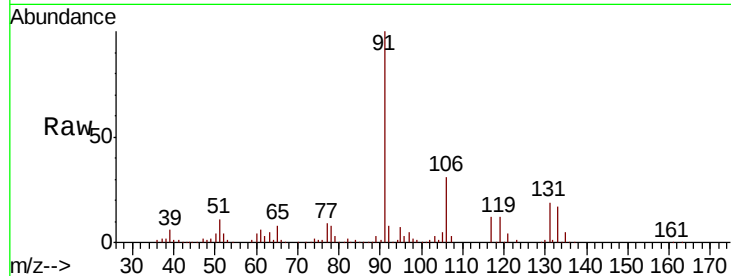
#67
Ethyl Benzene
Concen: 21.004 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 91 Resp: 241155
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0

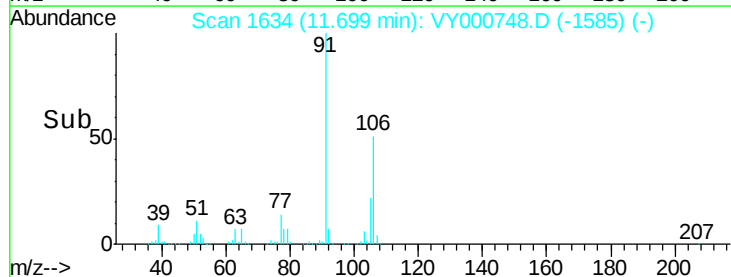
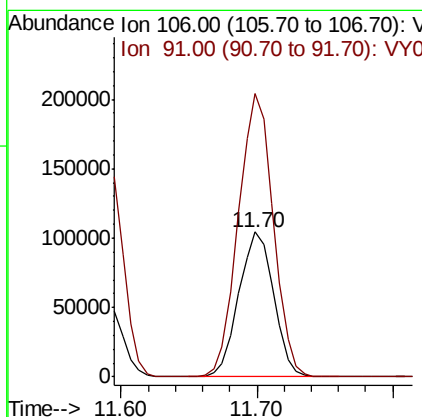
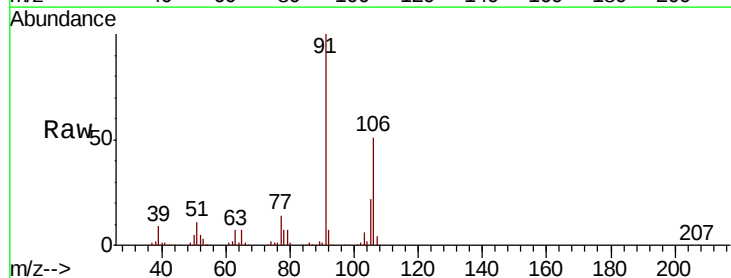
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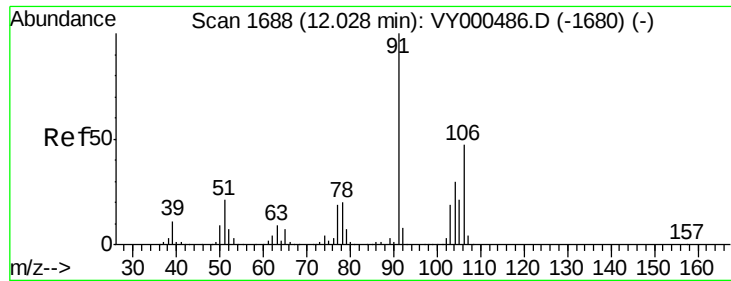
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#68
m/p-Xylenes
Concen: 42.104 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 106 Resp: 187098
Ion Ratio Lower Upper
106 100
91 195.8 155.9 233.9





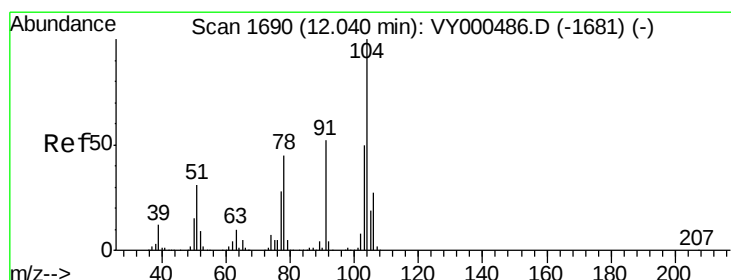
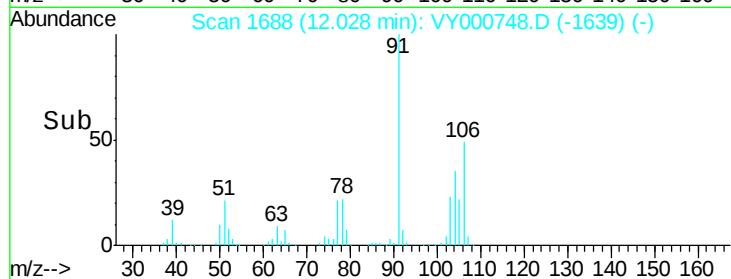
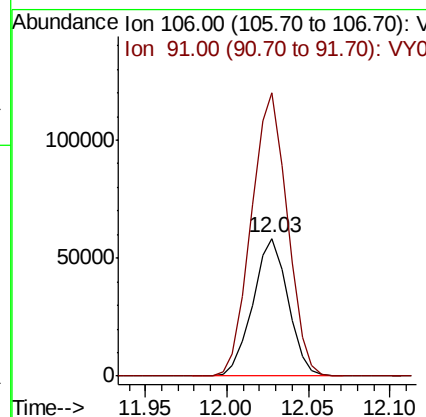
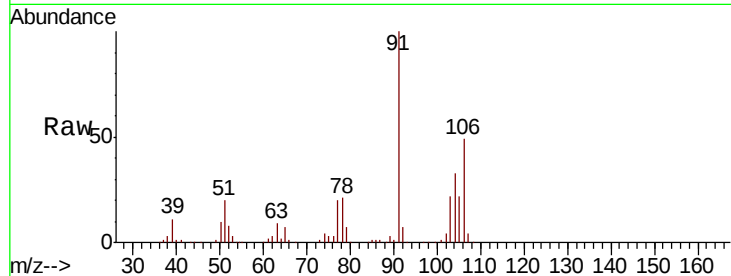
#69
o-Xylene
Concen: 21.028 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion:106 Resp: 87818
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6

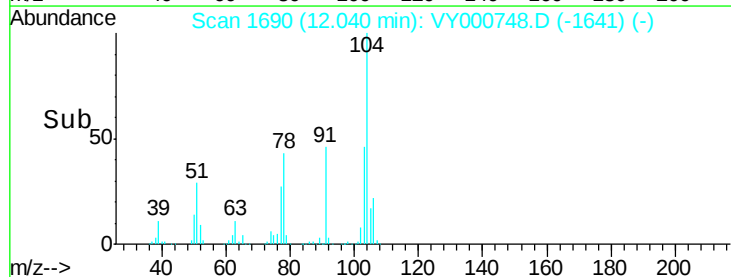
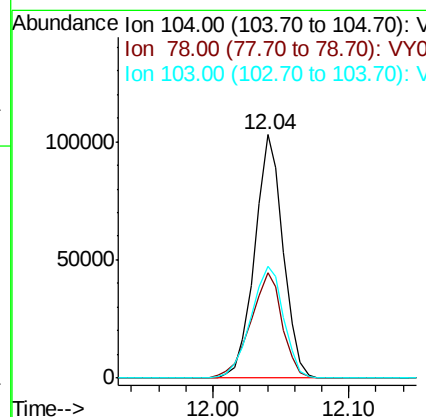
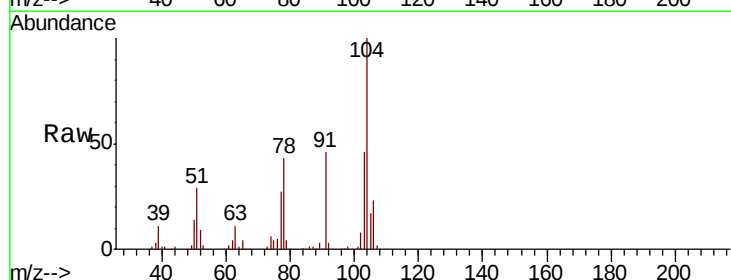
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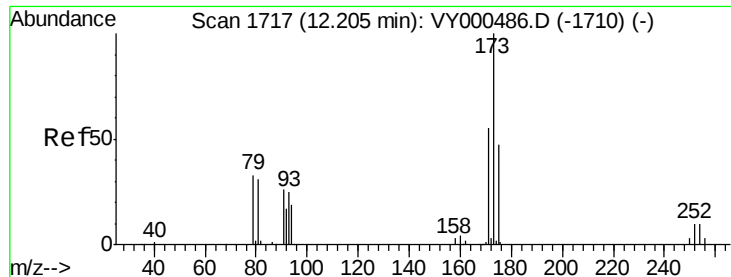
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#70
Styrene
Concen: 21.135 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion:104 Resp: 151141
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 53.1 42.5 63.7





#71

Bromoform

Concen: 21.290 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:173 Resp: 26493

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

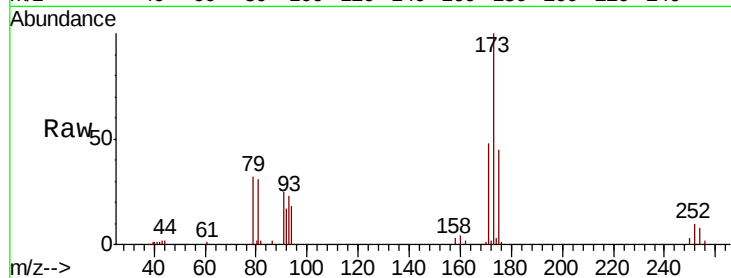
254 0.0 0.1 0.1#

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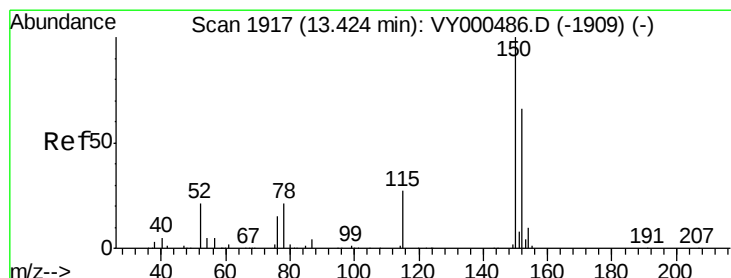
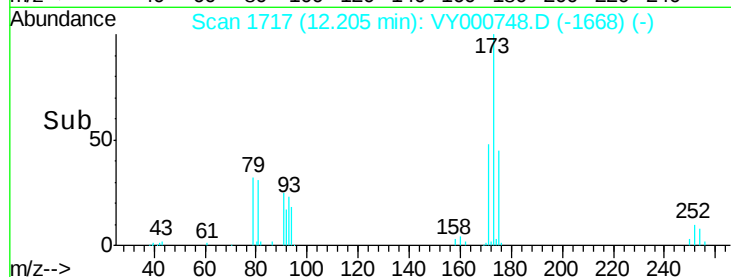
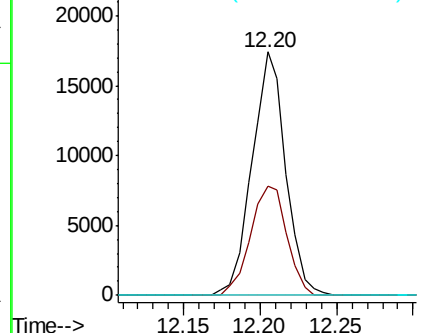
11/22/2019 12:53:13 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

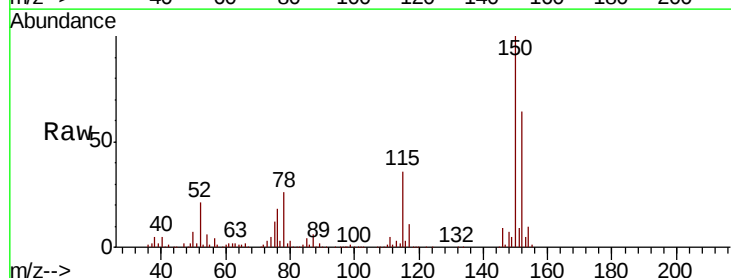
Tgt Ion:152 Resp: 158341

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

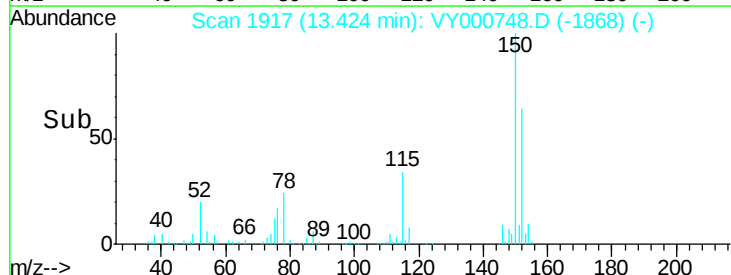
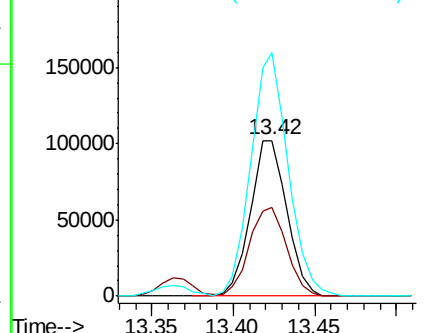
150 160.0 0.0 348.8

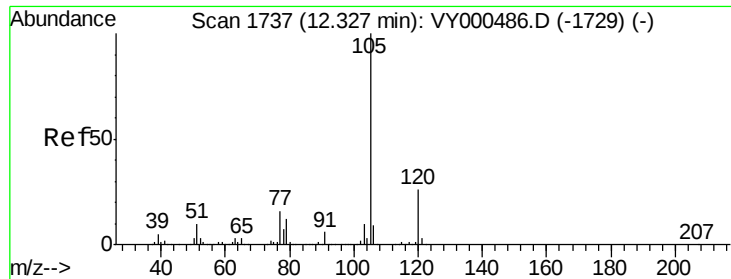


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.445 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 105 Resp: 239261

Ion Ratio Lower Upper

105 100

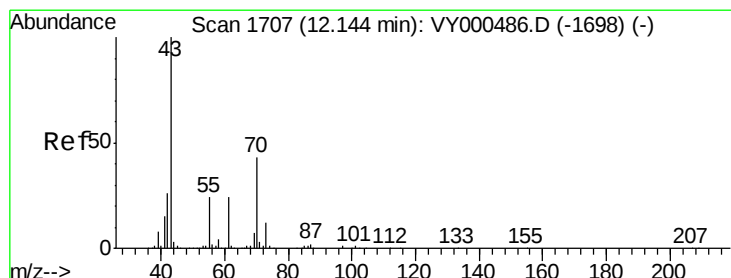
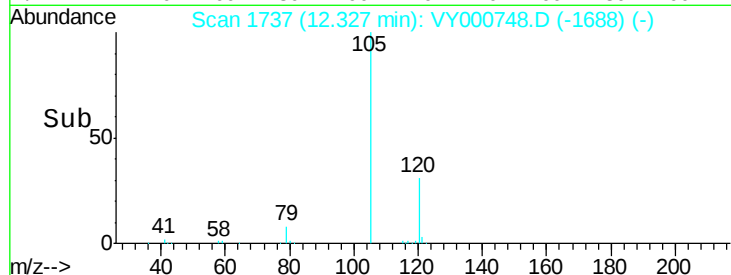
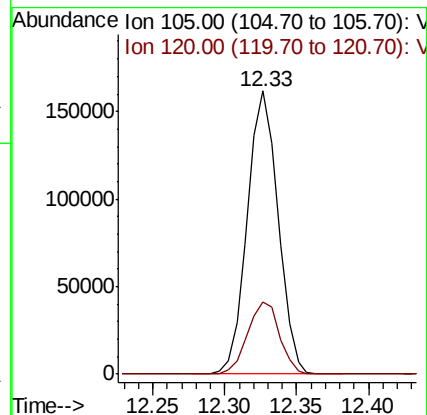
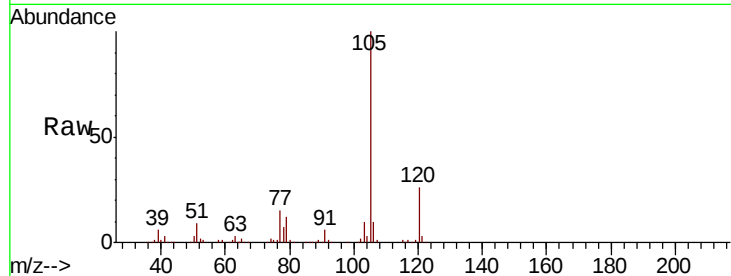
120 26.5 13.5 40.4

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#74

N-ethyl acetate

Concen: 21.462 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion: 43 Resp: 71931

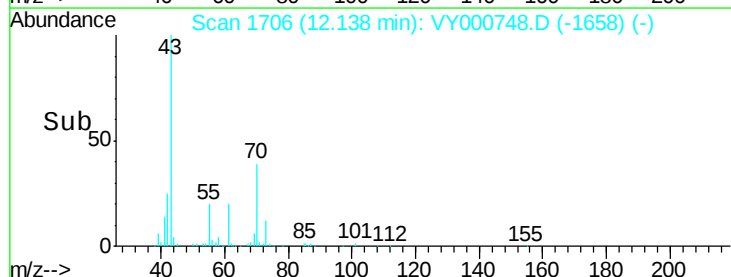
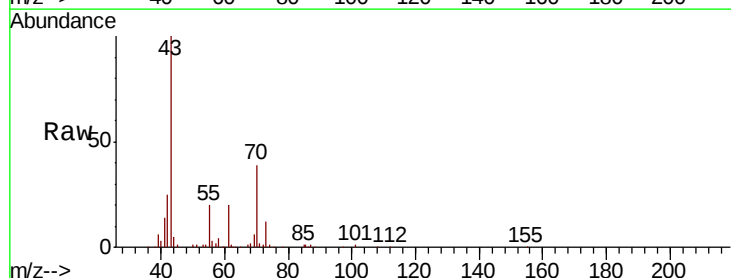
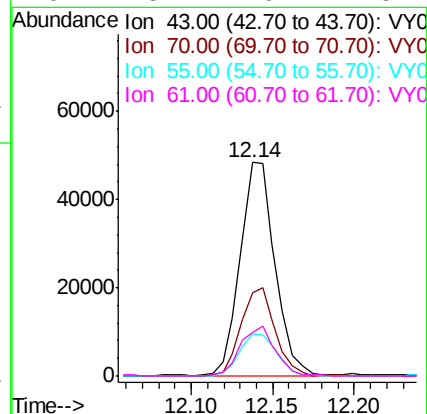
Ion Ratio Lower Upper

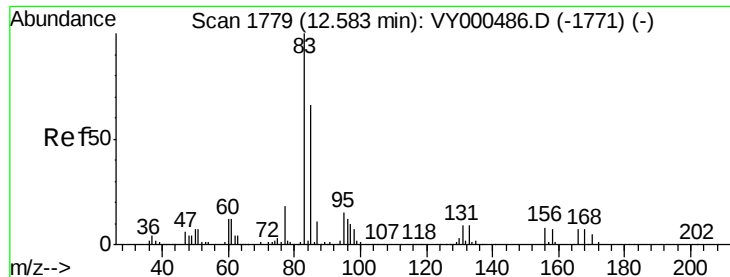
43 100

70 40.8 33.1 49.7

55 21.2 18.0 27.0

61 23.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.117 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

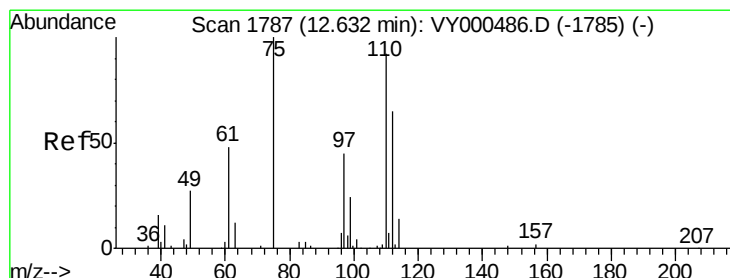
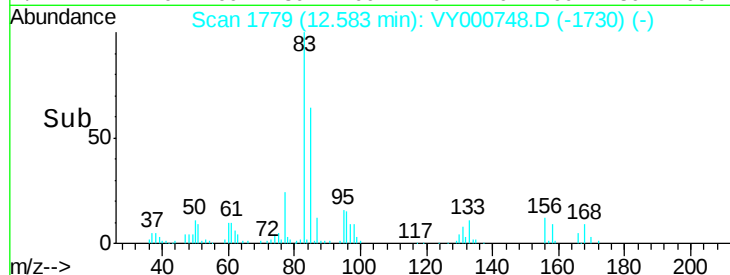
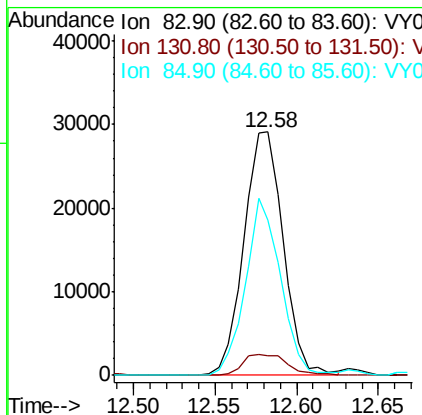
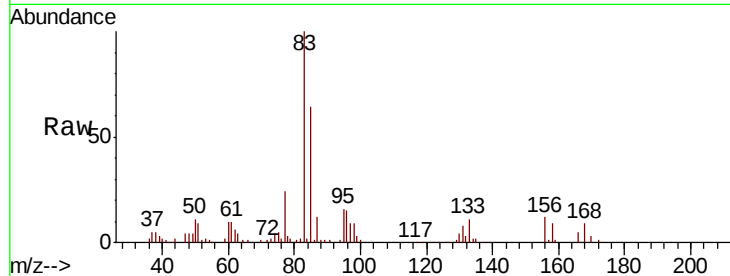
ClientSampleId :

VY1120SBS01

Tot Ion:	83	Resp:	48931
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	64.8	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.283 ug/l m

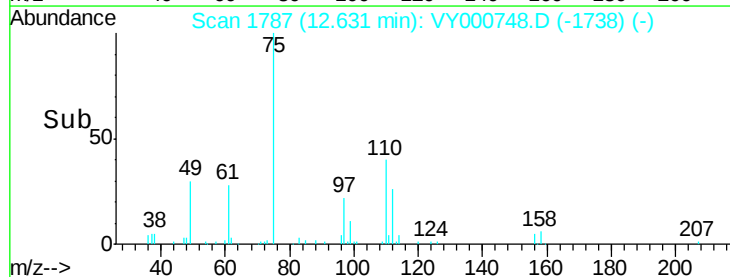
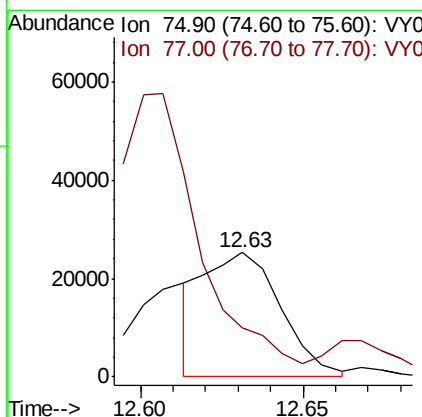
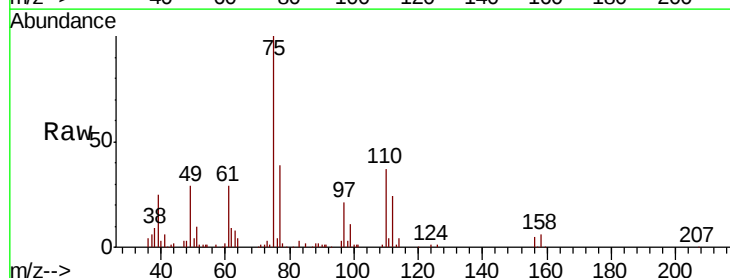
RT: 12.63 min Scan# 1787

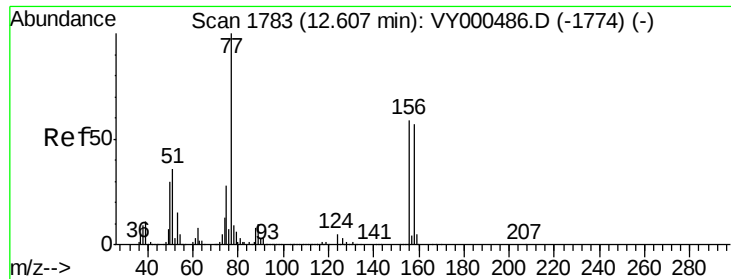
Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion:	75	Resp:	41977
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.000 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

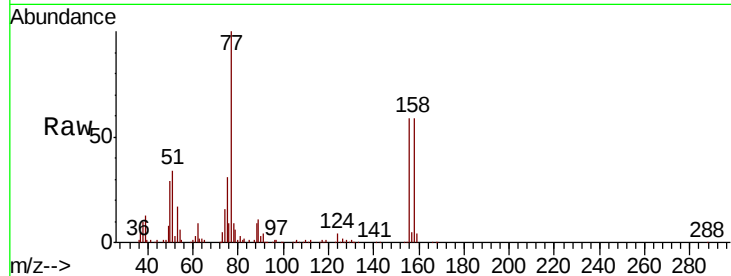
ClientSampleId :

VY1120SBS01

Tot Ion:	156	Resp:	53076
Ion Ratio	Lower	Upper	
156	100		
77	202.4	98.2	294.4
158	98.4	49.6	149.0

Manual Integrations
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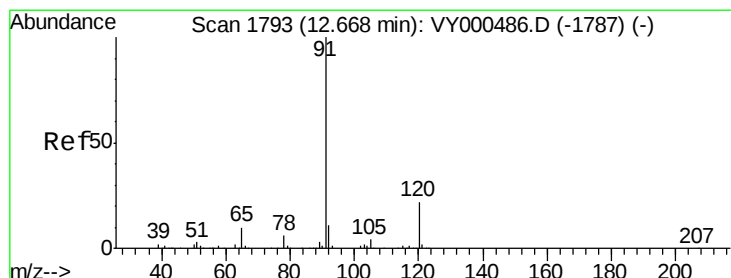
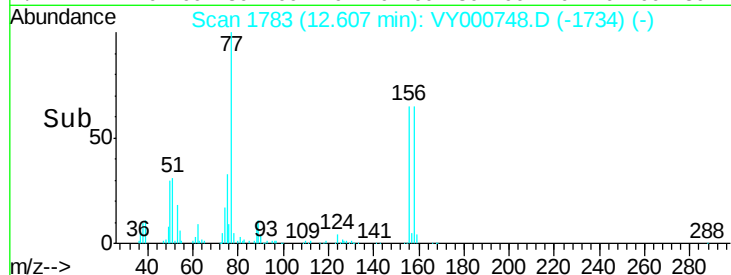
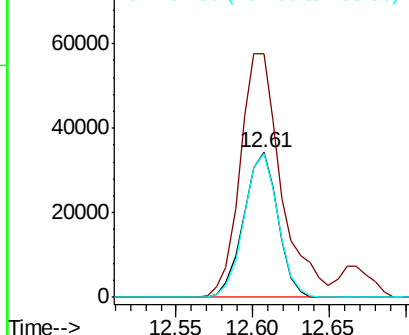


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.550 ug/l

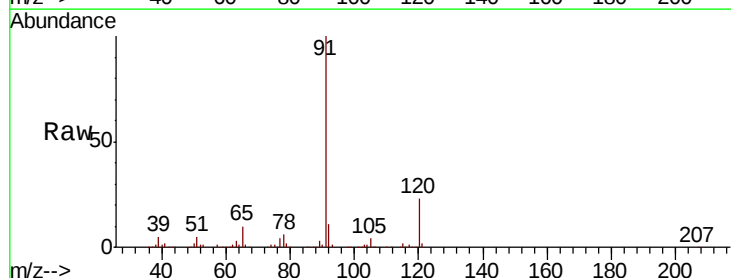
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

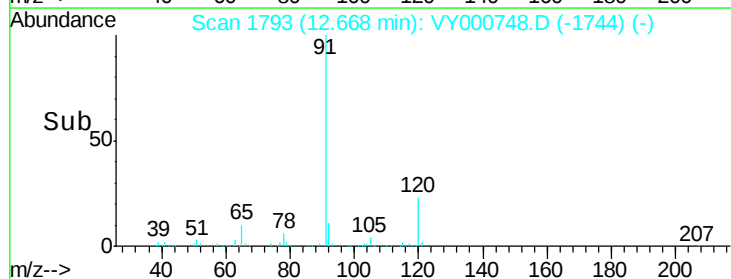
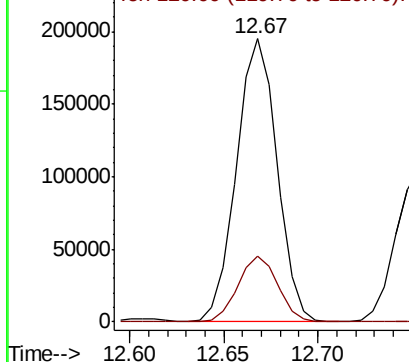
Tgt Ion:	91	Resp:	290166
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.4	34.1

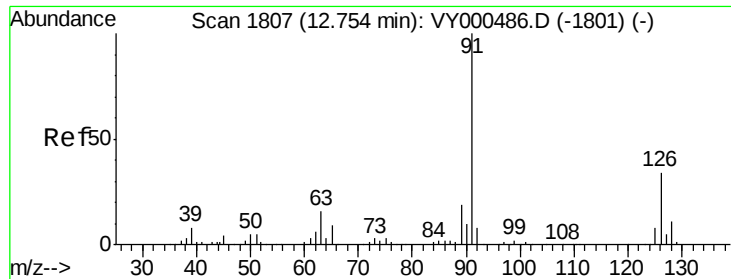


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





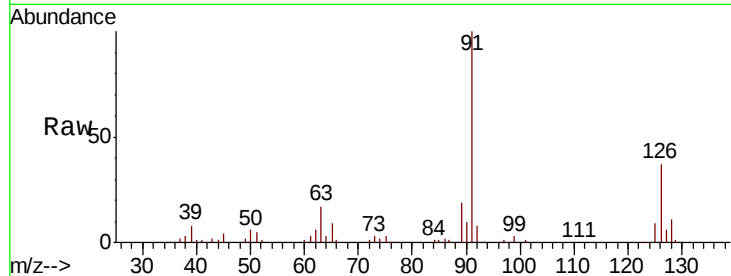
#79
2-Chlorotoluene
Concen: 20.380 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

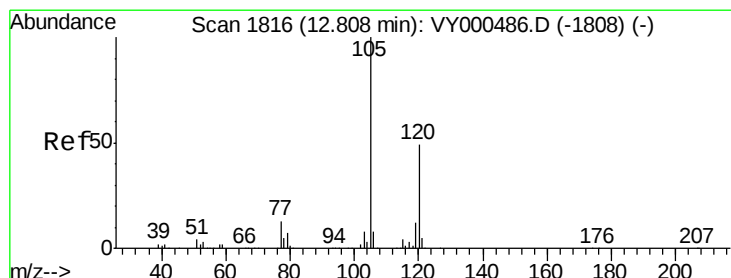
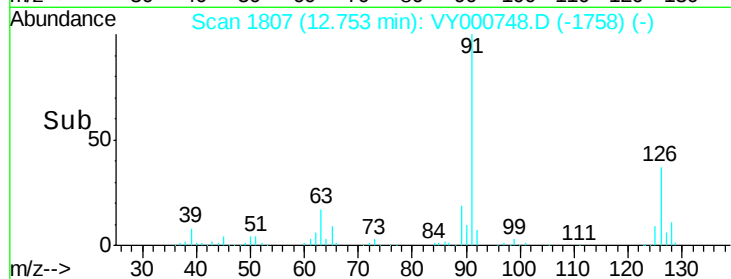
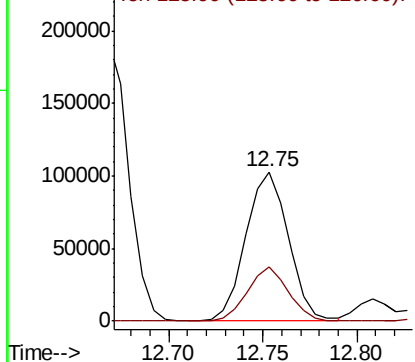
Tot Ion: 91 Resp: 159759
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1

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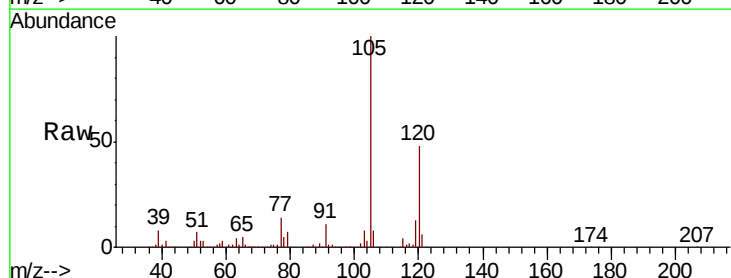


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

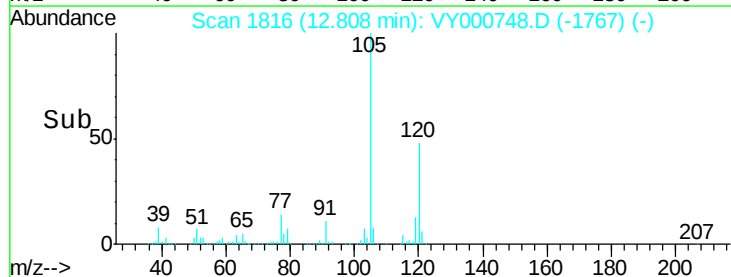
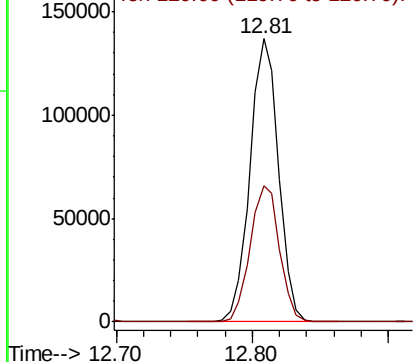


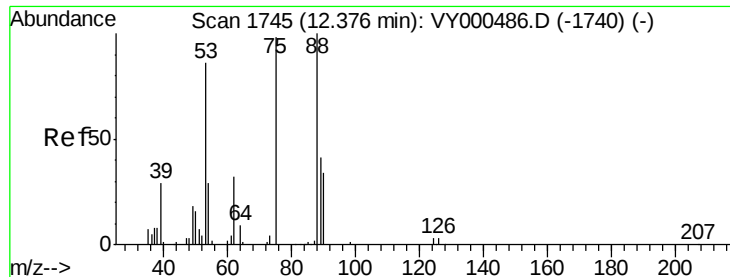
#80
1,3,5-Trimethylbenzene
Concen: 20.678 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion: 105 Resp: 201535
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.707 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

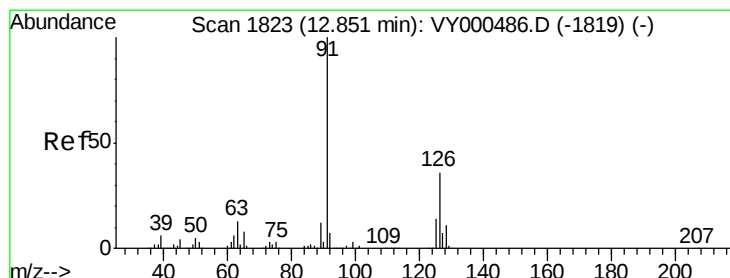
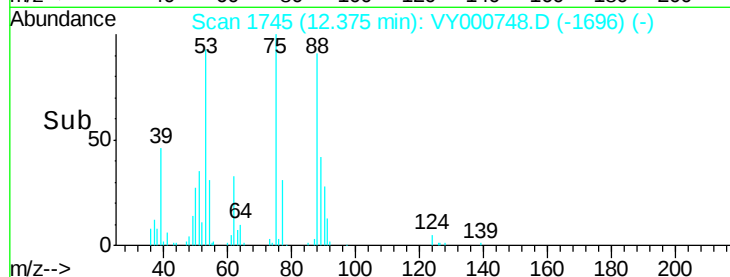
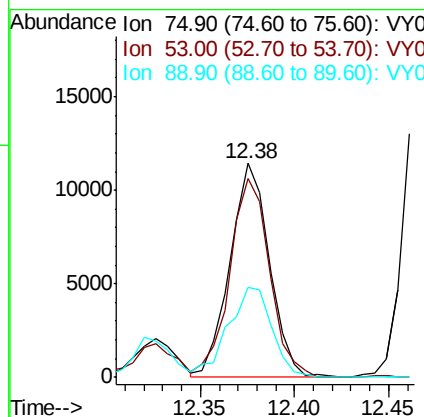
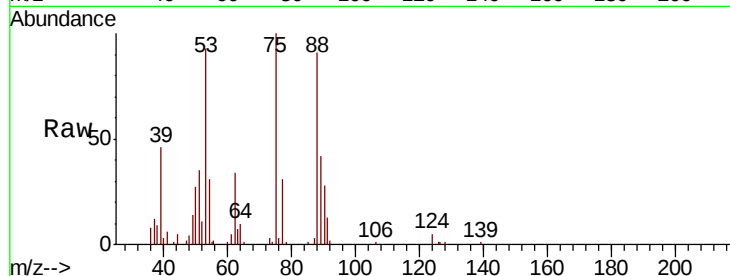
ClientSampleId :

VY1120SBS01

Tot Ion:	75	Resp:	16651
Ion	Ratio	Lower	Upper
75	100		
53	93.6	73.2	109.8
89	46.6	35.9	53.9

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#82

4-Chlorotoluene

Concen: 21.290 ug/l

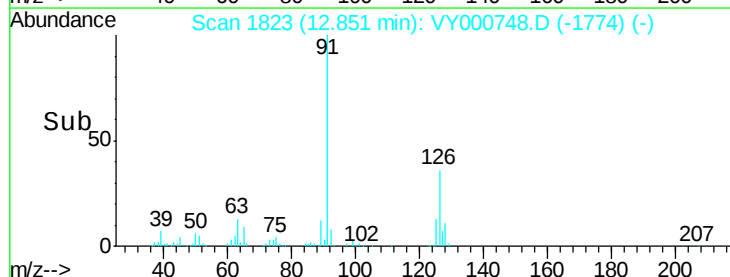
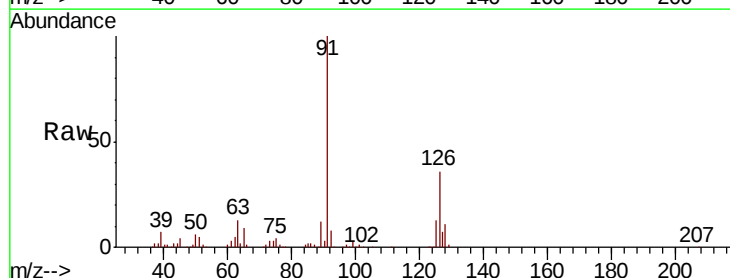
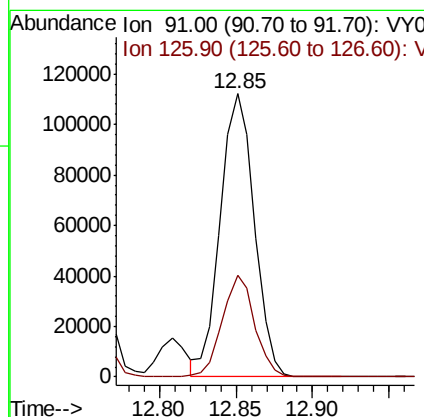
RT: 12.85 min Scan# 1823

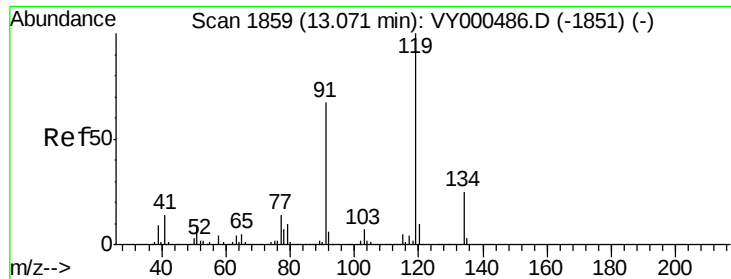
Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Tgt Ion:	91	Resp:	172999
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.6	52.9





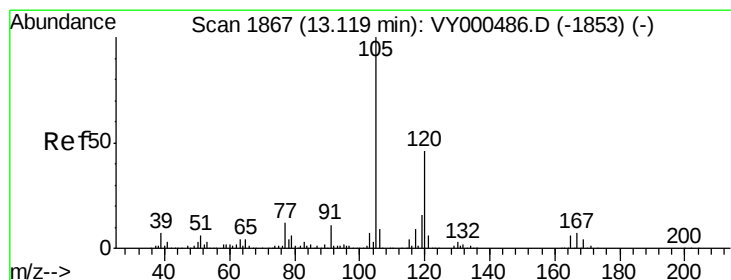
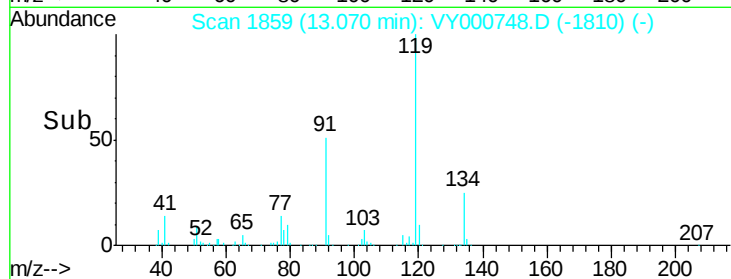
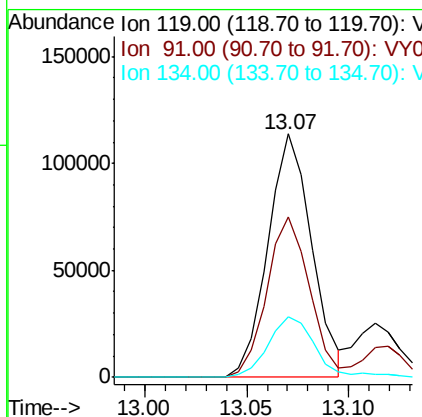
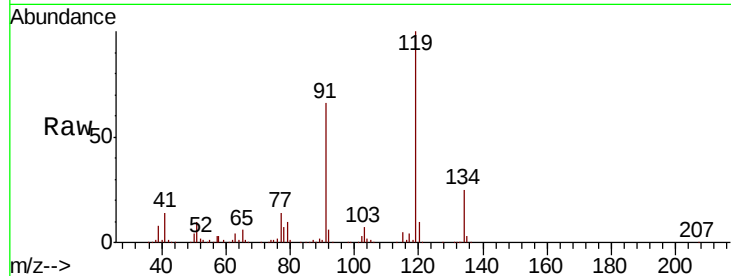
#83
 tert-Butylbenzene
 Concen: 20.496 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	170566		
91	64.1	32.1	96.3	
134	26.8	13.2	39.5	

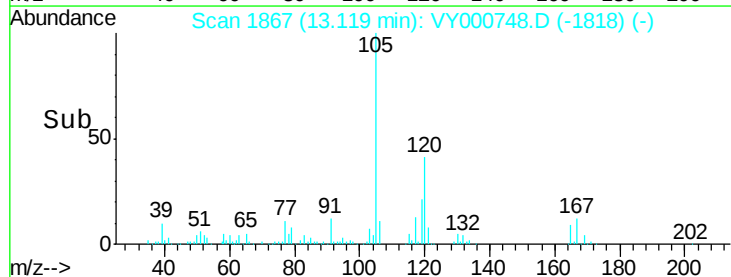
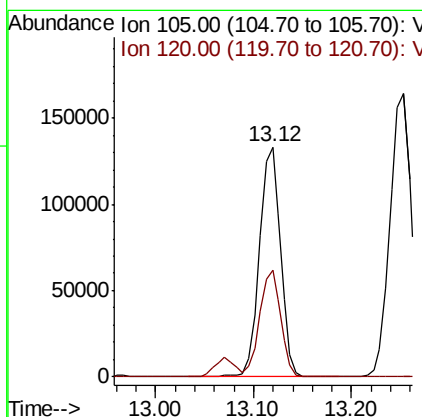
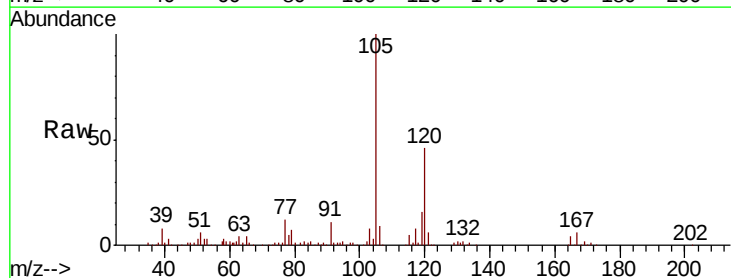
Manual Integrations
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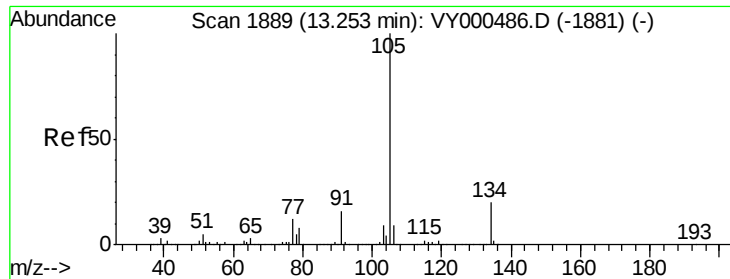
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.663 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200519		
120	46.3	23.3	69.9	





#85

sec-Butylbenzene

Concen: 21.055 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:105 Resp: 249642

Ion Ratio Lower Upper

105 100

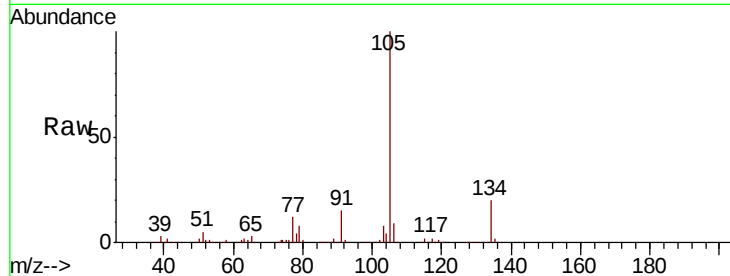
134 19.9 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

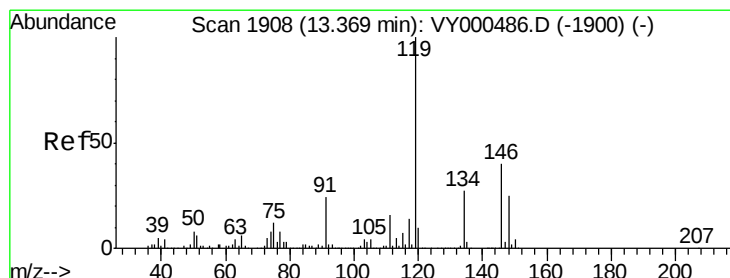
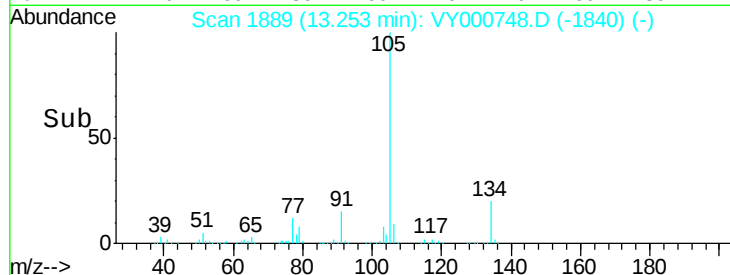
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.803 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000748.D

Acq: 20 Nov 2019 12:24

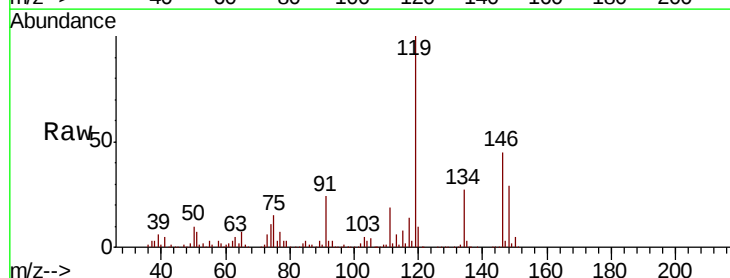
Tgt Ion:119 Resp: 219829

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

91 23.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

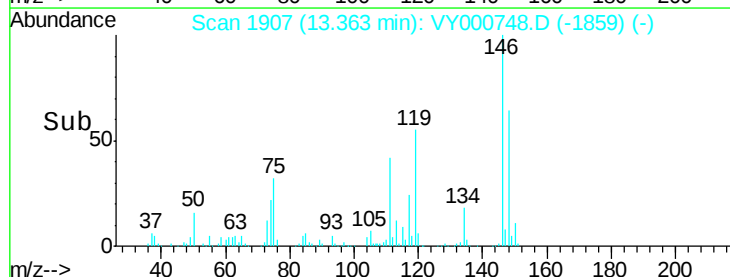
150000

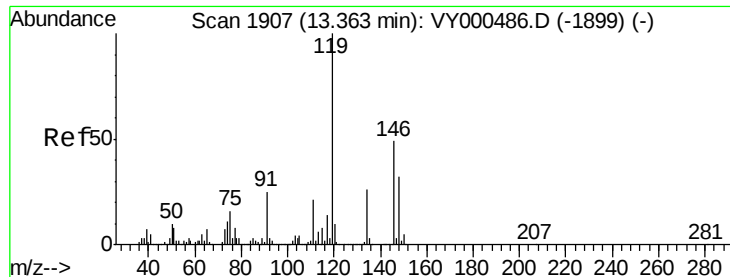
100000

50000

0

Time-->





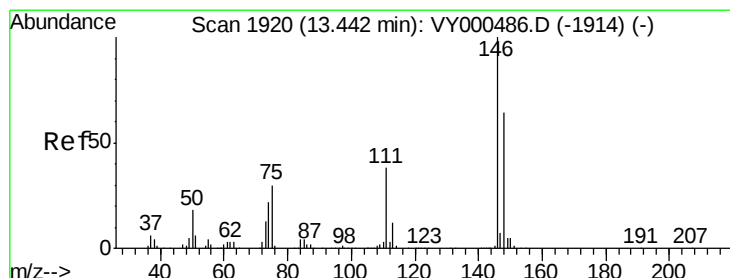
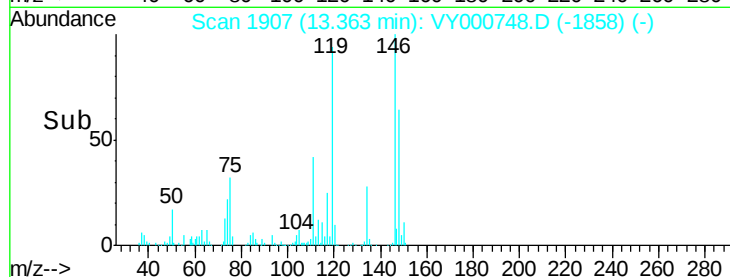
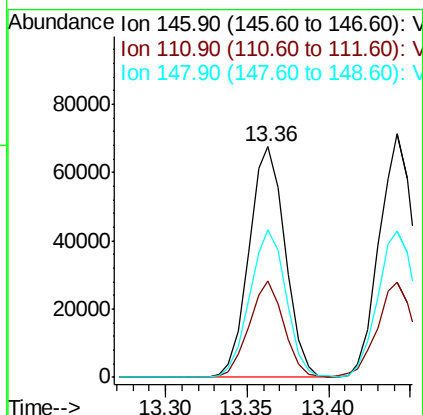
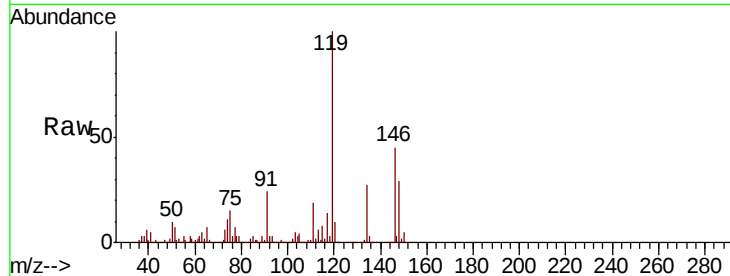
#87
1,3-Dichlorobenzene
Concen: 20.026 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	64.3	31.5	94.5

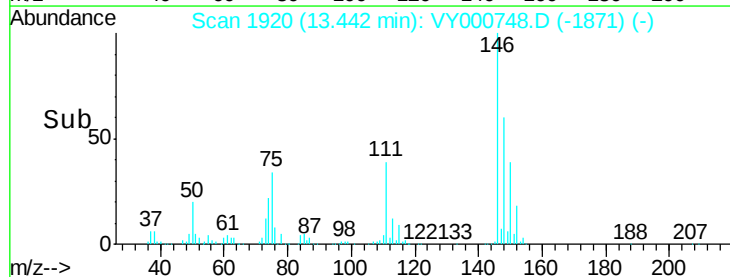
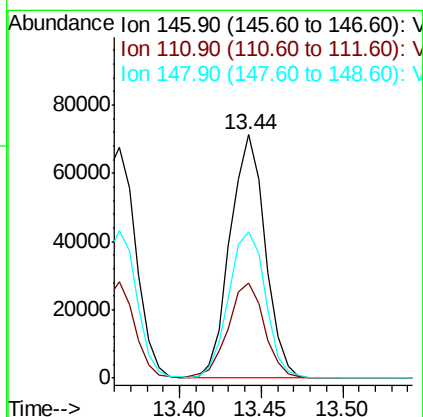
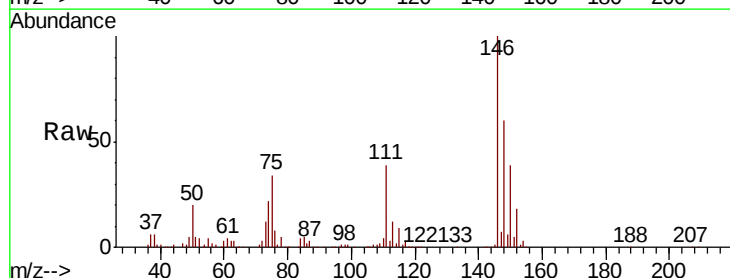
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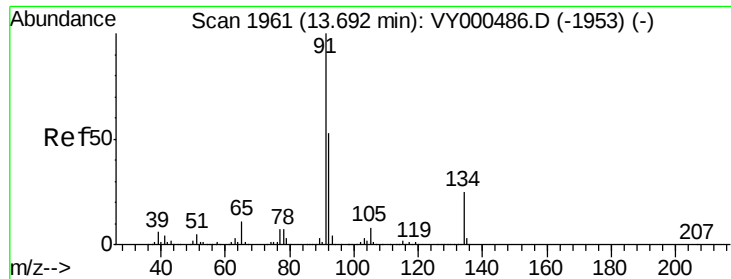
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#88
1,4-Dichlorobenzene
Concen: 20.605 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.0
148	63.4	31.9	95.7





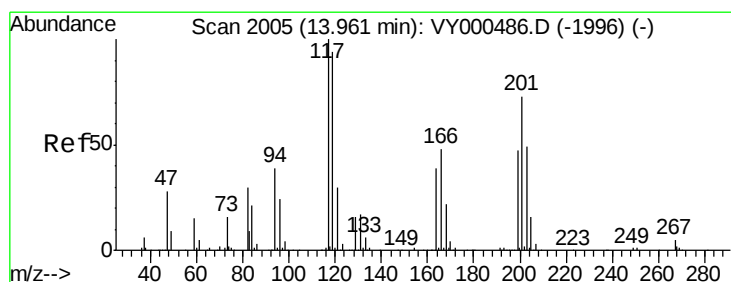
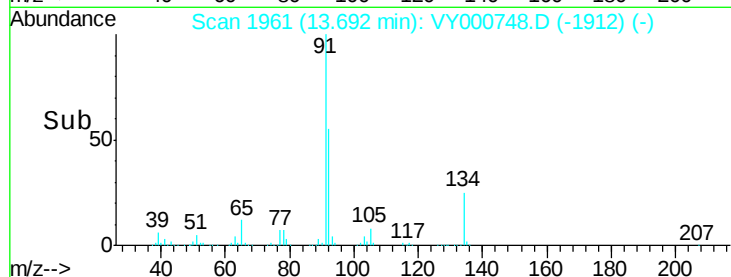
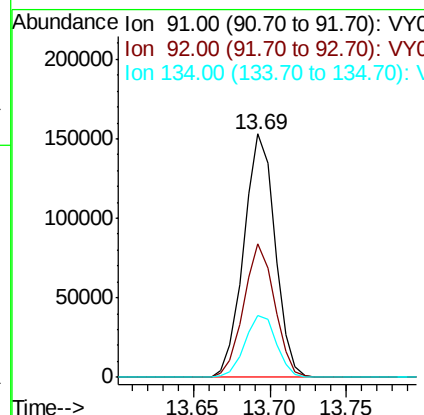
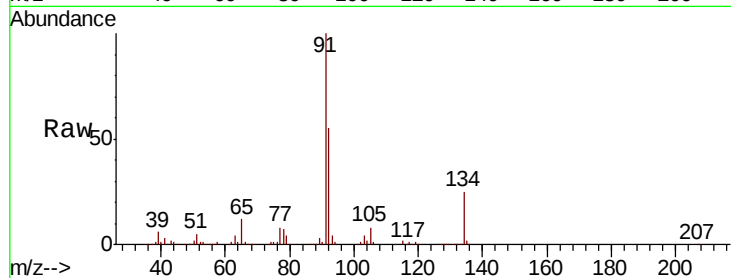
#89
n-Butylbenzene
Concen: 20.838 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.8	80.3
134	25.6	12.9	38.7

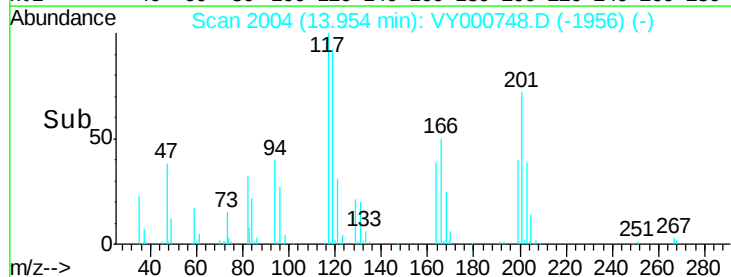
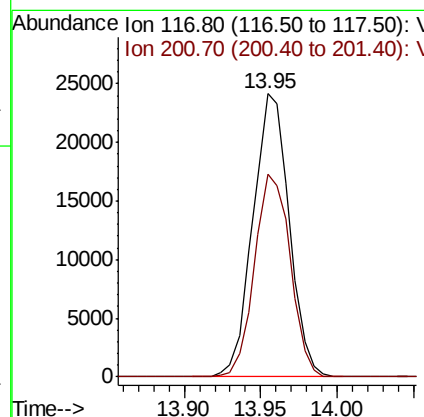
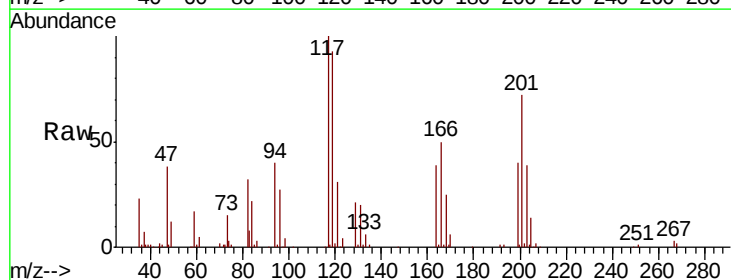
Manual Integrations
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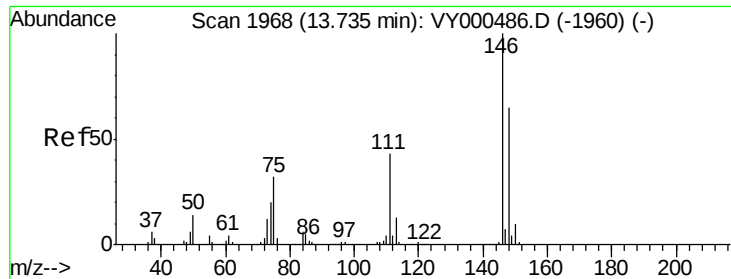
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#90
Hexachloroethane
Concen: 20.446 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.5	35.8	107.3





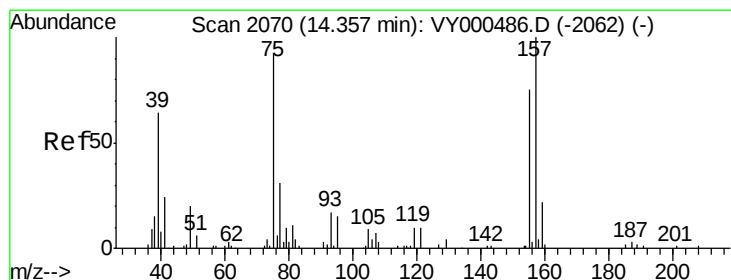
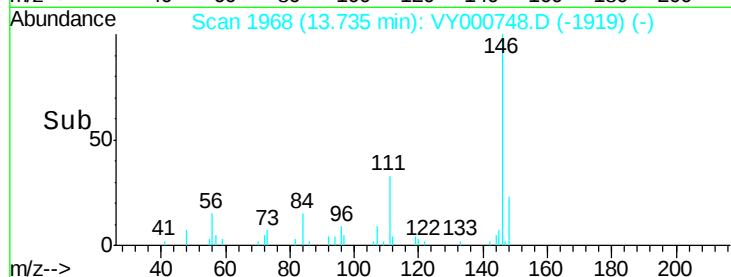
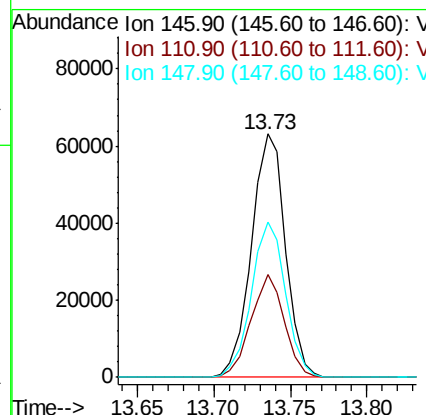
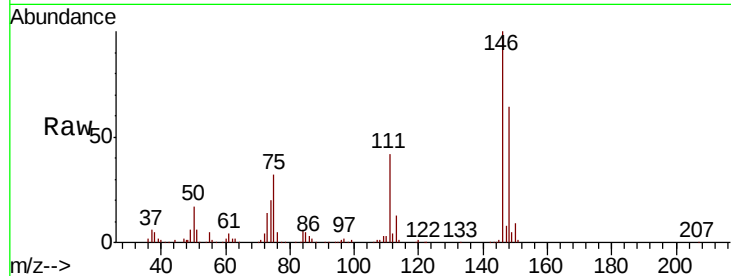
#91
 1,2-Dichlorobenzene
 Concen: 20.678 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	64.3	31.7	95.1

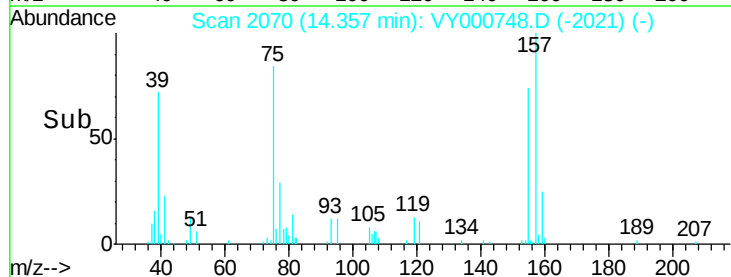
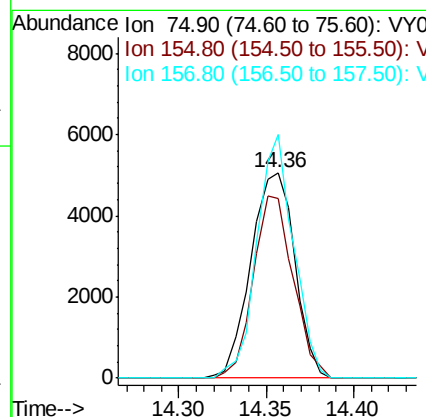
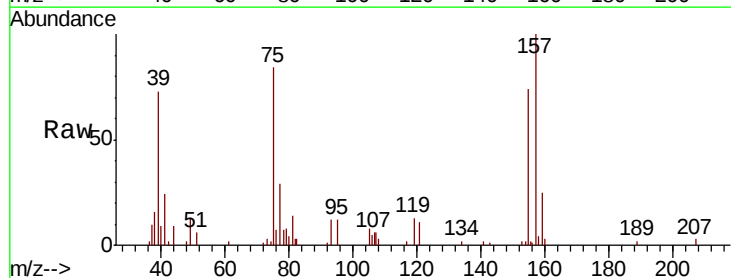
Manual Integrations
 APPROVED

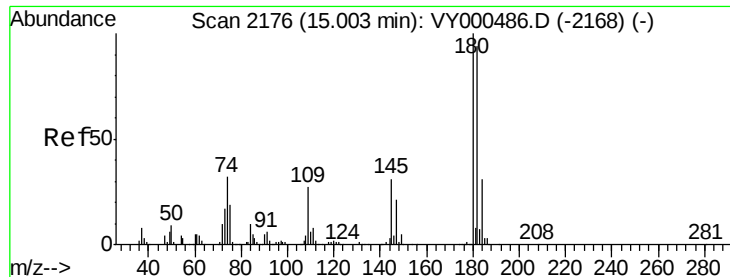
MMDadoda
 11/22/2019 12:53:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.588 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	42.4	127.1
157	98.6	55.1	165.3





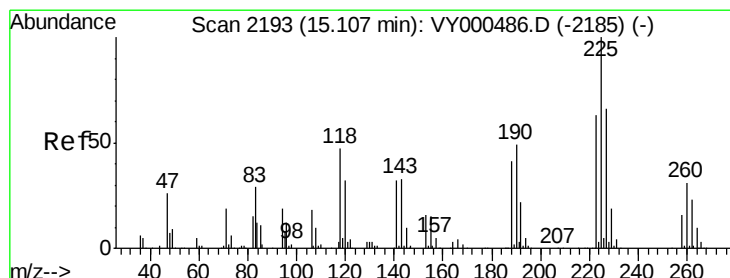
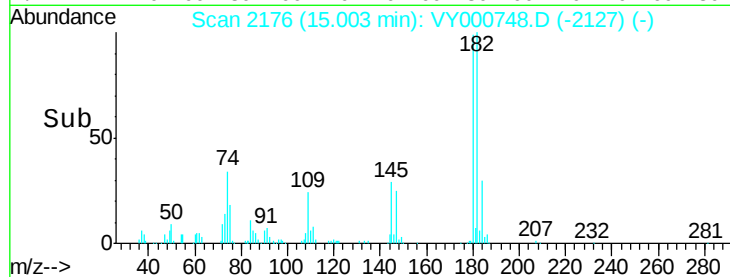
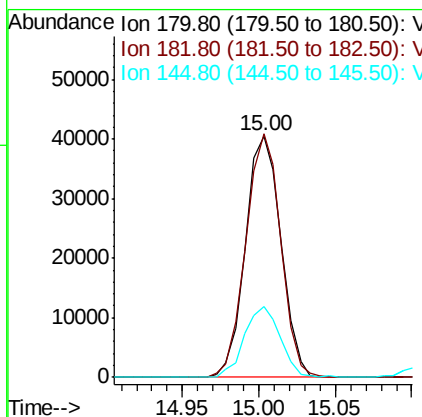
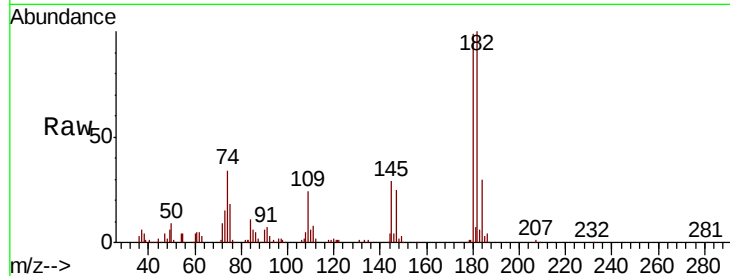
#93
 1,2,4-Trichlorobenzene
 Concen: 20.362 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.8	143.4
145	29.6	16.0	47.9

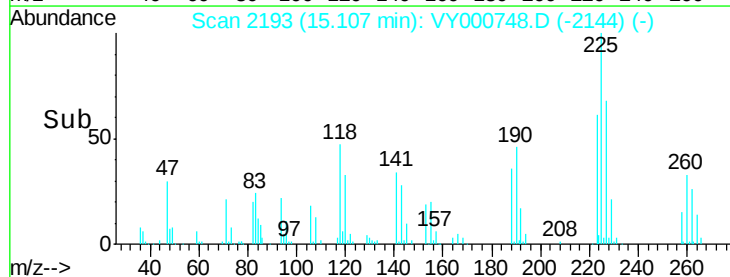
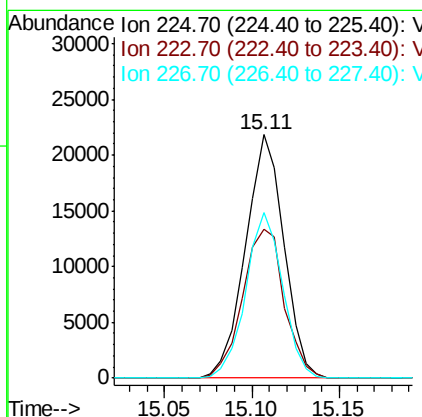
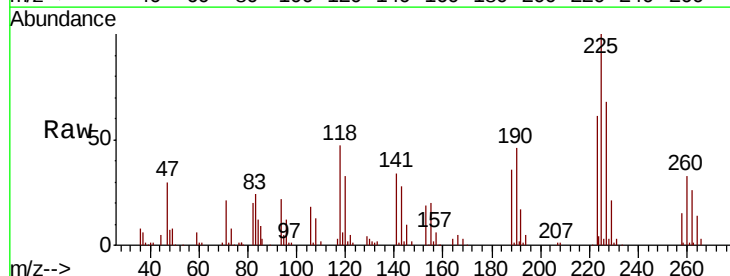
Manual Integrations
 APPROVED

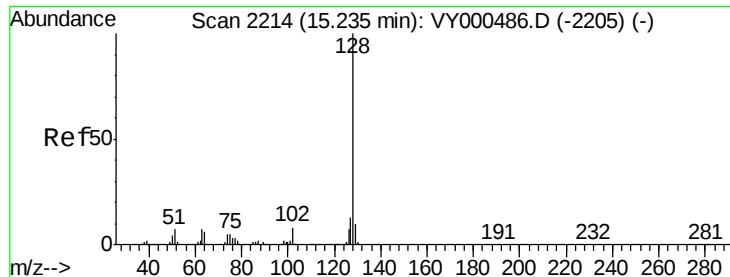
MMDadoda
 11/22/2019 12:53:13 AM



#94
 Hexachlorobutadiene
 Concen: 20.119 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000748.D
 Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	31.3	93.8
227	65.4	32.4	97.0





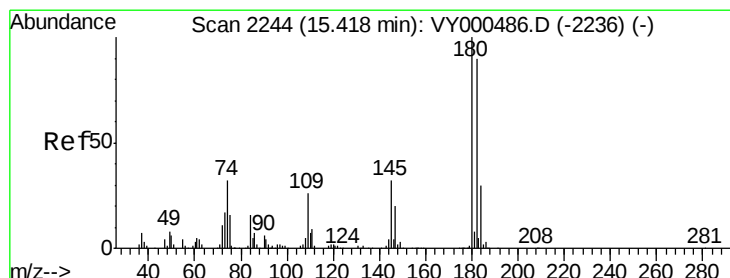
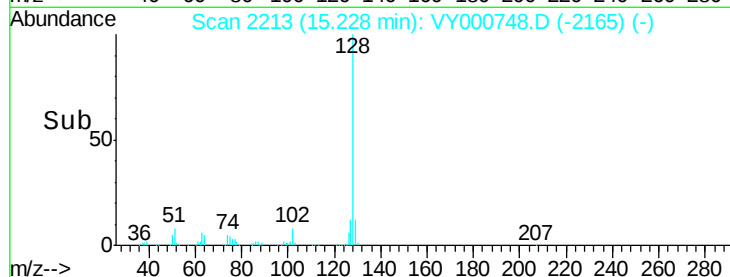
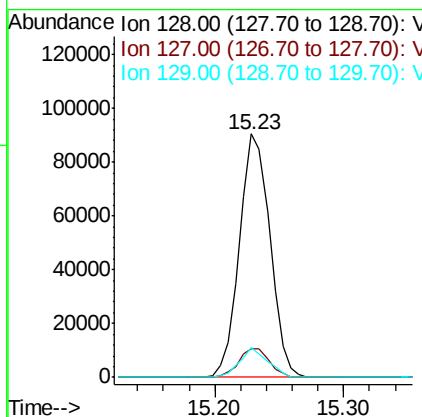
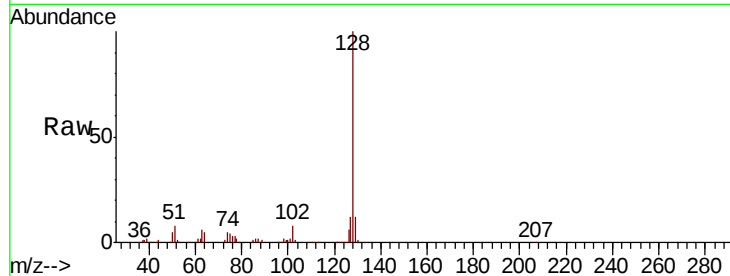
#95
Naphthalene
Concen: 20.862 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	148718		
127	11.9	9.8	14.6	
129	11.2	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/22/2019 12:53:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.763 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000748.D
Acq: 20 Nov 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59818		
182	96.7	47.4	142.3	
145	32.0	15.7	47.0	

