

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003507.D
 Acq On : 04 Nov 2020 12:24
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 7:01:52 PM

Quant Time: Nov 05 00:40:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	222080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	322586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	294147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	118320	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.73	113	100688	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.18	98	408531	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.48	95	137746	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	37164	21.150	ug/l	97
3) Chloromethane	2.12	50	49230	21.282	ug/l	99
4) Vinyl Chloride	2.26	62	54612	21.032	ug/l	99
5) Bromomethane	2.65	94	44571	20.545	ug/l	100
6) Chloroethane	2.80	64	35056	22.651	ug/l	98
7) Trichlorofluoromethane	3.13	101	71883	21.810	ug/l	99
8) Diethyl Ether	3.54	74	23769	23.517	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41389	22.721	ug/l	98
10) Methyl Iodide	4.10	142	40398	24.221	ug/l	99
11) Tert butyl alcohol	4.97	59	31702	130.086	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	38848	21.434	ug/l	94
13) Acrolein	3.74	56	19561	103.528	ug/l	99
14) Allyl chloride	4.49	41	72768	22.007	ug/l	99
15) Acrylonitrile	5.18	53	57760	107.061	ug/l	100
16) Acetone	3.96	43	71028	94.571	ug/l	96
17) Carbon Disulfide	4.20	76	127175	21.659	ug/l	99
18) Methyl Acetate	4.49	43	30170	21.257	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	103853	23.135	ug/l	98
20) Methylene Chloride	4.72	84	49245	23.282	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	46494	22.154	ug/l	98
22) Diisopropyl ether	6.13	45	138677	23.911	ug/l	96
23) Vinyl Acetate	6.07	43	498546	114.390	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84253	22.861	ug/l	99
25) 2-Butanone	7.00	43	95389	101.548	ug/l	100
26) 2,2-Dichloropropane	6.99	77	76830	22.377	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	51213	22.520	ug/l	98
28) Bromochloromethane	7.34	49	37735	20.352	ug/l	98
29) Tetrahydrofuran	7.36	42	53155	108.293	ug/l	99
30) Chloroform	7.52	83	83606	23.096	ug/l	100
31) Cyclohexane	7.79	56	73489	21.535	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	75868	22.466	ug/l	99
36) 1,1-Dichloropropene	7.93	75	65987	21.696	ug/l	99
37) Ethyl Acetate	7.08	43	41872	22.171	ug/l	99
38) Carbon Tetrachloride	7.91	117	67889	21.516	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72901	21.526	ug/l	96
40) Benzene	8.17	78	189925	22.439	ug/l	100
41) Methacrylonitrile	7.32	41	19178	19.016	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	60460	22.797	ug/l	99
43) Isopropyl Acetate	8.28	43	74798	22.037	ug/l	100
44) Trichloroethene	8.94	130	53269	22.418	ug/l	99
45) 1,2-Dichloropropane	9.22	63	48926	22.889	ug/l	98
46) Dibromomethane	9.31	93	26534	22.563	ug/l	100
47) Bromodichloromethane	9.50	83	66227	23.009	ug/l	100
48) Methyl methacrylate	9.30	41	34220	21.403	ug/l	96
49) 1,4-Dioxane	9.30	88	5886	401.141	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	199872	110.523	ug/l	98
52) Toluene	10.25	92	117856	22.262	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	70068	22.875	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	79772	23.144	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	37913	22.711	ug/l	98
56) Ethyl methacrylate	10.51	69	50555	22.610	ug/l	99
57) 1,3-Dichloropropane	10.79	76	65804	22.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	127139	112.164	ug/l	99
59) 2-Hexanone	10.83	43	140472	104.911	ug/l	97
60) Dibromochloromethane	10.99	129	46785	22.803	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35862	22.252	ug/l	99
64) Tetrachloroethene	10.72	164	49117	22.359	ug/l	97
65) Chlorobenzene	11.52	112	131050	22.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48960	22.718	ug/l	99
67) Ethyl Benzene	11.59	91	230608	22.255	ug/l	98
68) m/p-Xylenes	11.70	106	175244	44.628	ug/l	100
69) o-Xylene	12.03	106	81413	22.539	ug/l	98
70) Styrene	12.04	104	139531	22.750	ug/l	100
71) Bromoform	12.20	173	32001	22.277	ug/l #	98
73) Isopropylbenzene	12.33	105	220972	21.327	ug/l	100
74) N-amyl acetate	12.14	43	64689	22.042	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	48421	21.879	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	32304m	19.249	ug/l	
77) Bromobenzene	12.61	156	58516	22.229	ug/l	99
78) n-propylbenzene	12.67	91	264442	21.668	ug/l	100
79) 2-Chlorotoluene	12.75	91	148979	21.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	191865	22.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16335	20.316	ug/l	100
82) 4-Chlorotoluene	12.85	91	157084	22.046	ug/l	100
83) tert-Butylbenzene	13.07	119	164809	21.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	191167	22.281	ug/l	99
85) sec-Butylbenzene	13.25	105	224096	21.738	ug/l	99
86) p-Isopropyltoluene	13.36	119	210270	21.993	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	110160	22.464	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	108411	22.232	ug/l	98
89) n-Butylbenzene	13.69	91	191535	21.933	ug/l	100
90) Hexachloroethane	13.95	117	35117	21.825	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	98478	22.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8327	20.785	ug/l	96

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ClientSampleId :
VY1104SBSD01

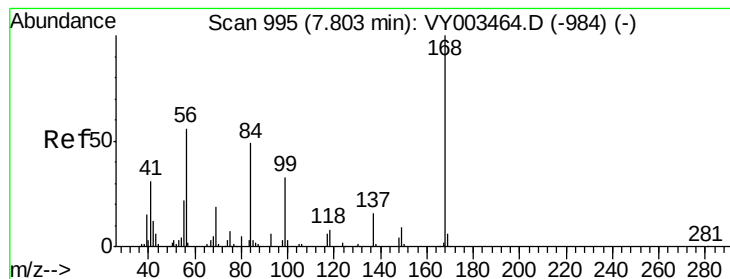
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	71098	23.073	ug/l	100
94) Hexachlorobutadiene	15.11	225	44759	22.580	ug/l	99
95) Naphthalene	15.23	128	131801	21.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	63975	23.080	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion:168 Resp: 222080

Ion Ratio Lower Upper

168 100

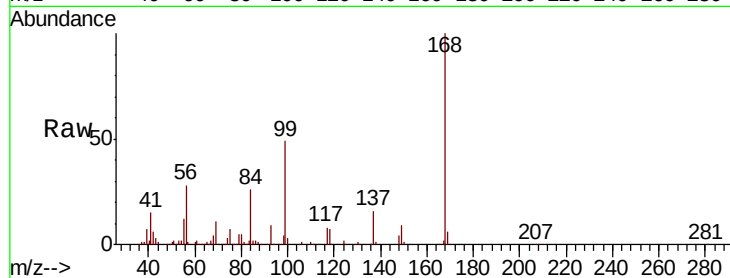
99 49.3 39.7 59.5

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Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

100000

80000

60000

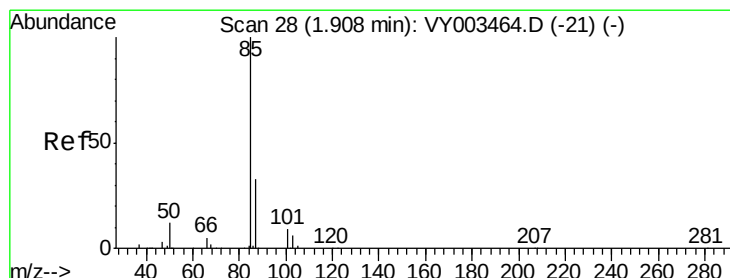
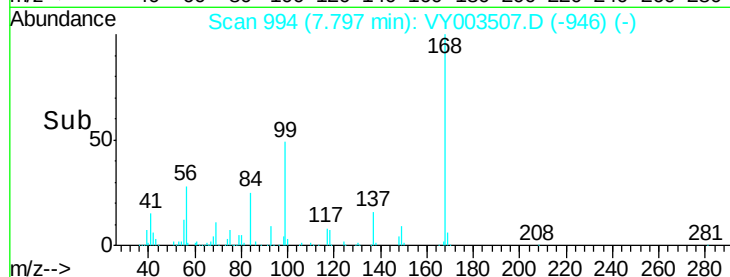
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.150 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003507.D

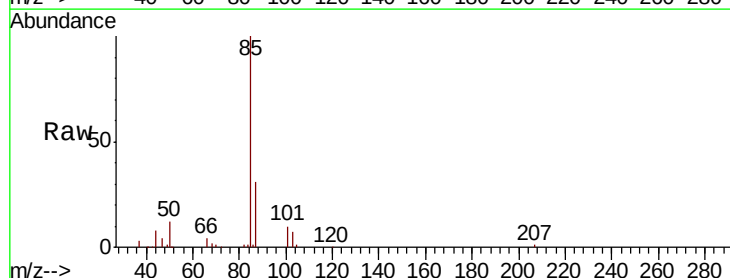
Acq: 04 Nov 2020 12:24

Tgt Ion: 85 Resp: 37164

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

30000

25000

20000

15000

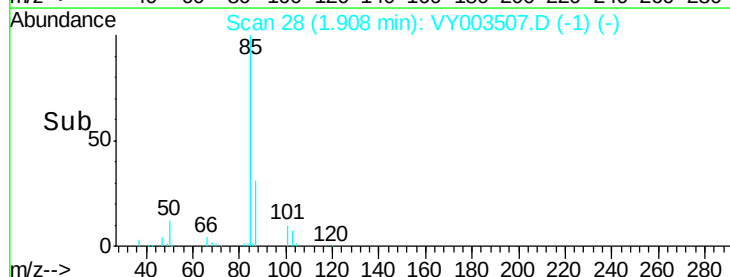
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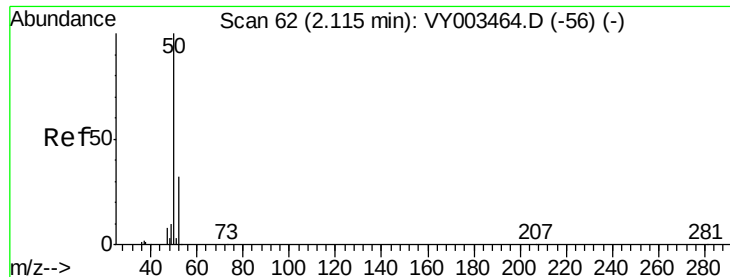
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.282 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 50 Resp: 49230

Ion Ratio Lower Upper

50 100

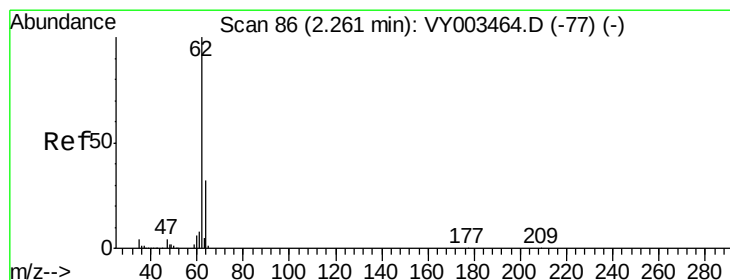
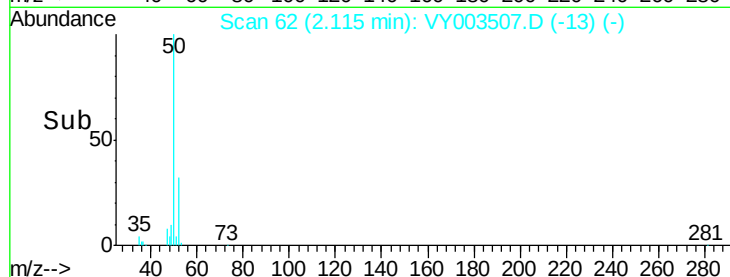
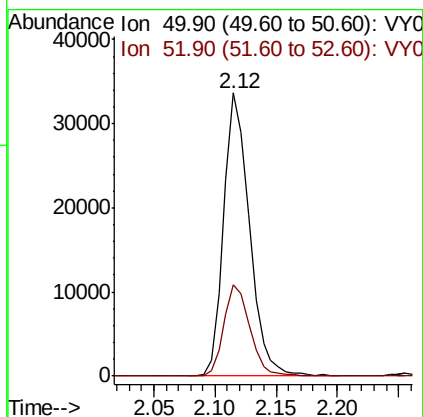
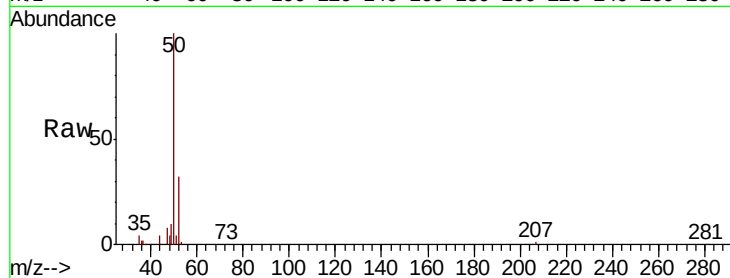
52 32.3 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.032 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003507.D

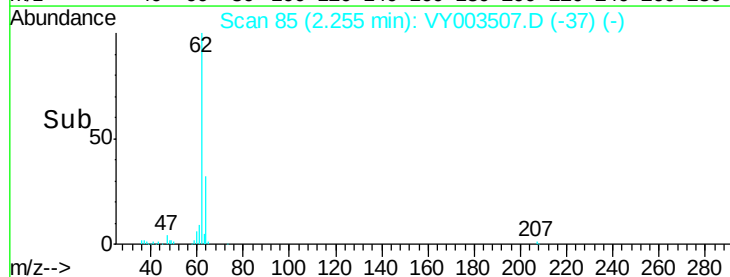
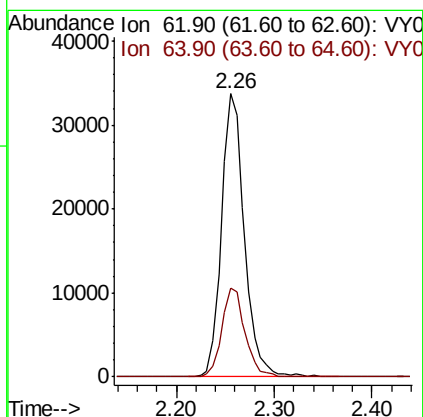
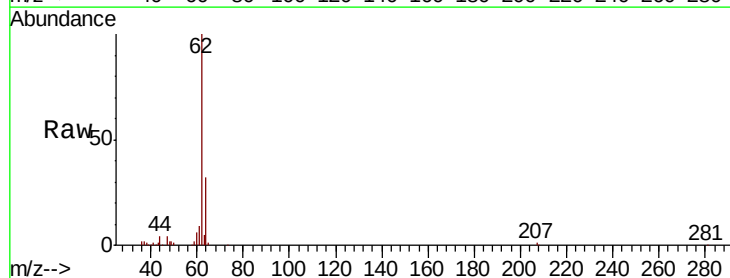
Acq: 04 Nov 2020 12:24

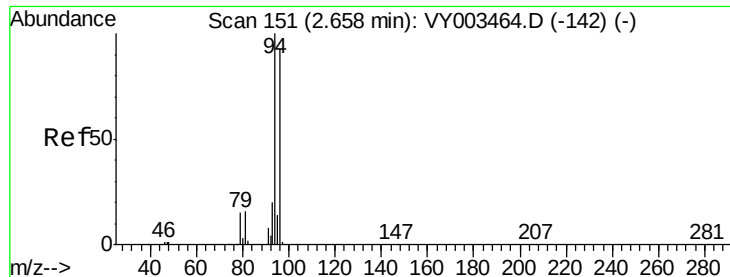
Tgt Ion: 62 Resp: 54612

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 20.545 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 94 Resp: 44571

Ion Ratio Lower Upper

94 100

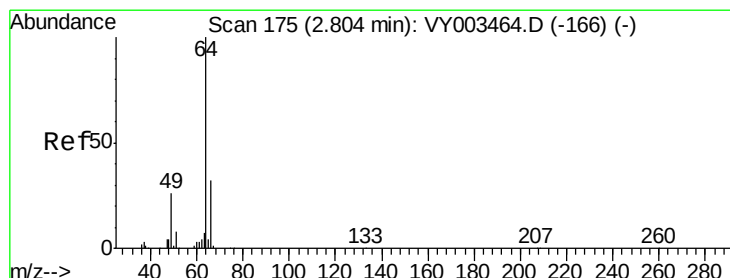
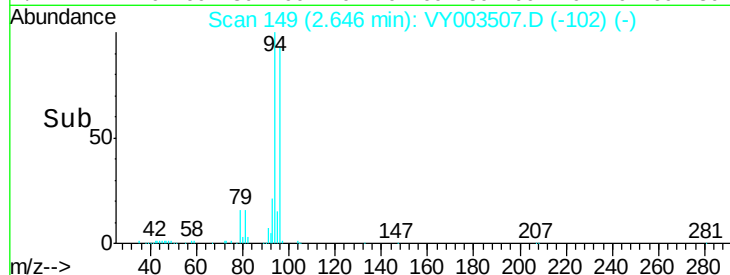
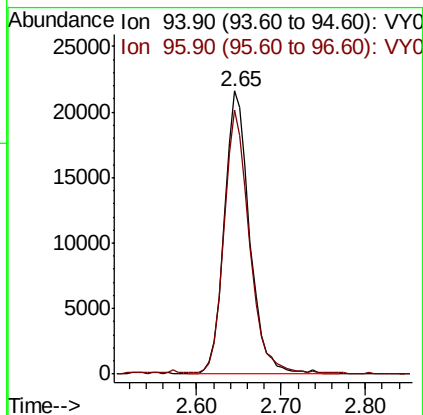
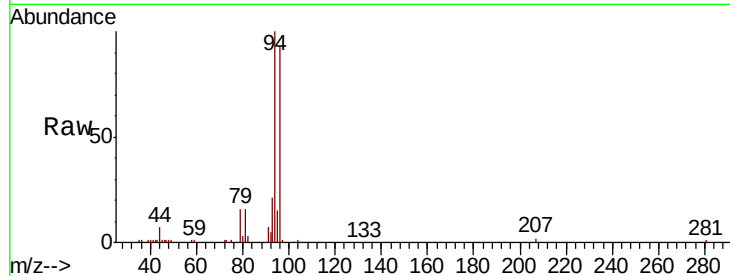
96 92.8 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 22.651 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003507.D

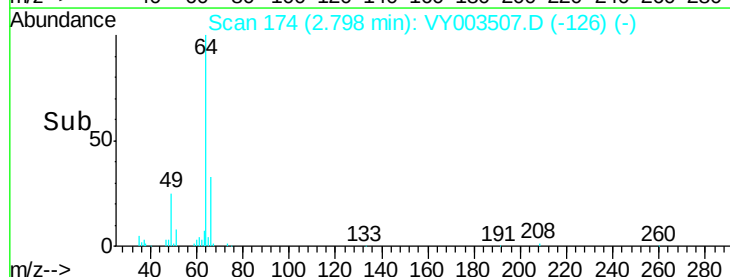
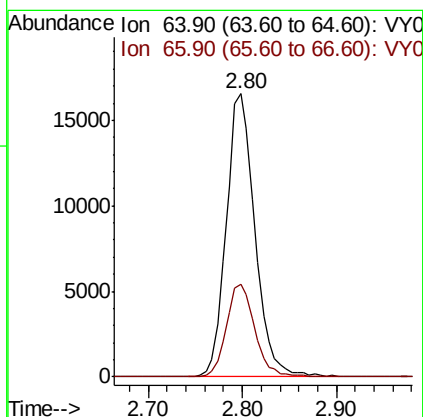
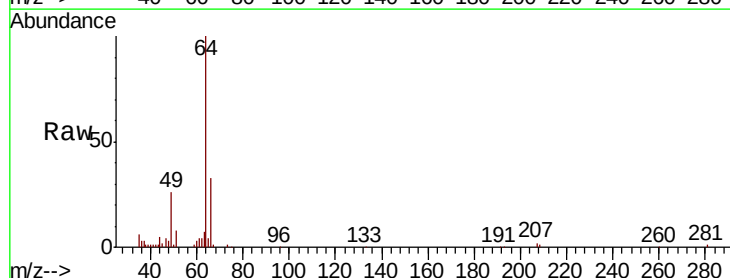
Acq: 04 Nov 2020 12:24

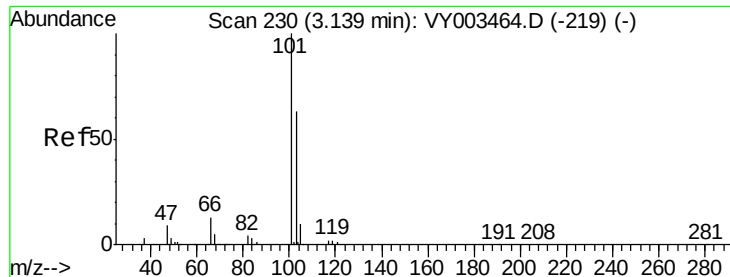
Tgt Ion: 64 Resp: 35056

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4





#7

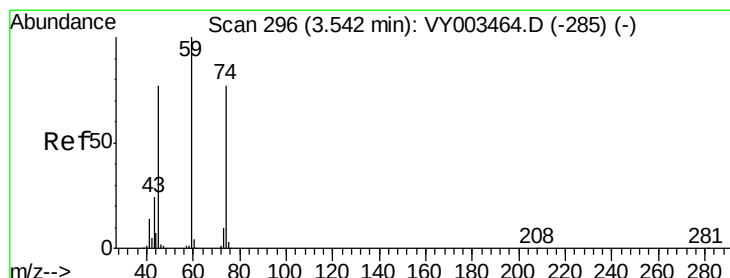
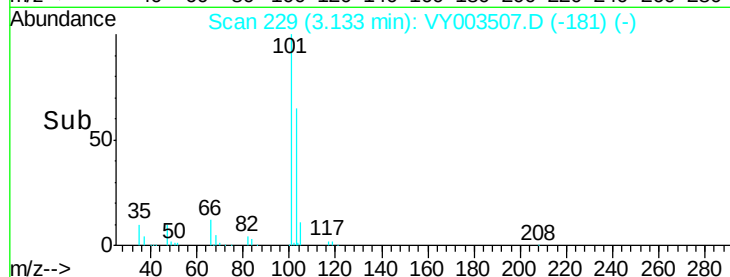
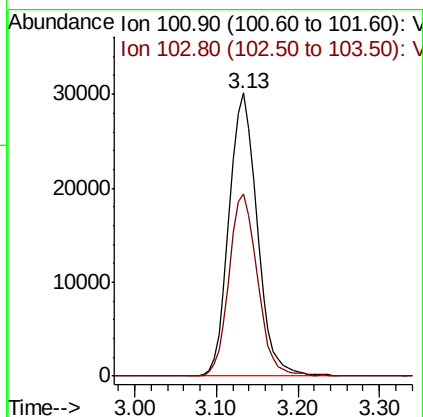
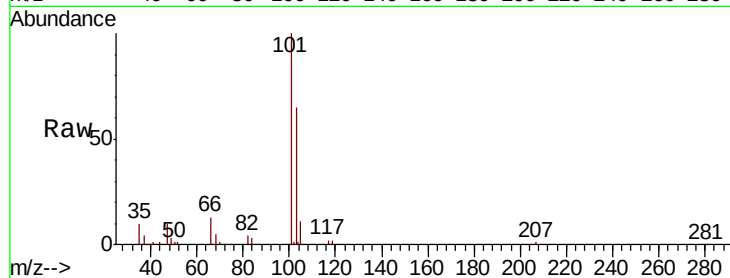
Trichlorofluoromethane
Concen: 21.810 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

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ClientSampleId :
VY1104SBS01

Tot Ion:101 Resp: 71883
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

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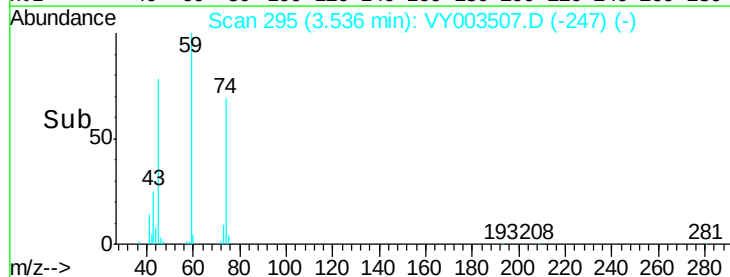
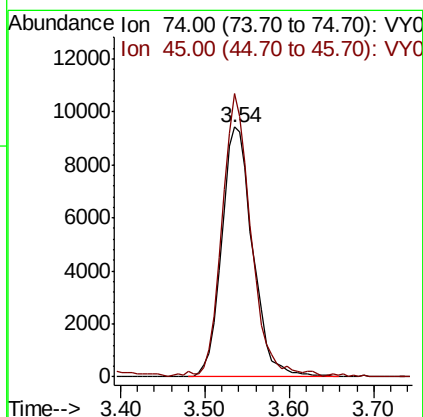
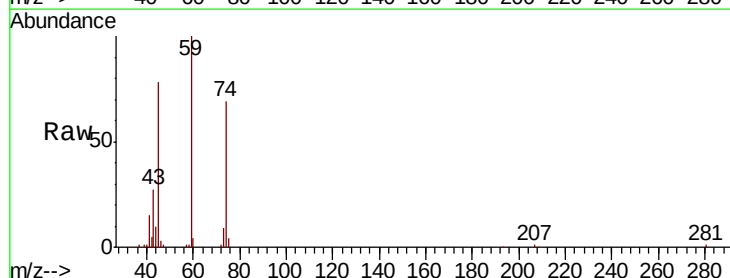
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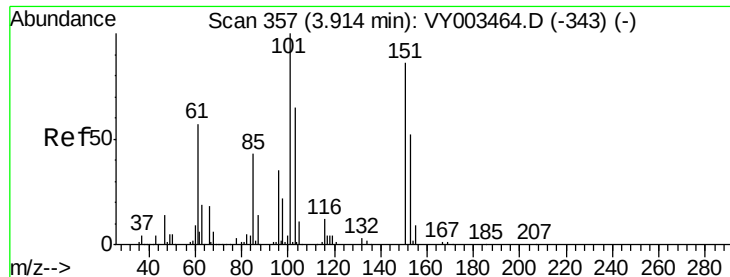


#8

Diethyl Ether
Concen: 23.517 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion: 74 Resp: 23769
Ion Ratio Lower Upper
74 100
45 106.9 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.721 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

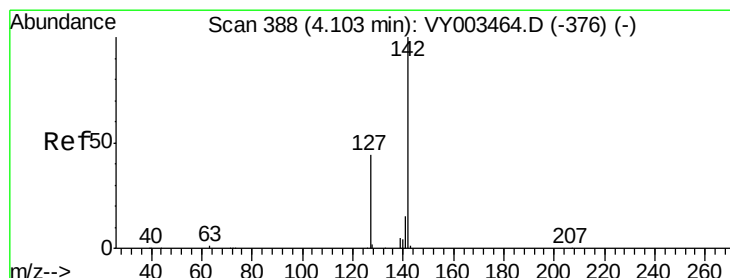
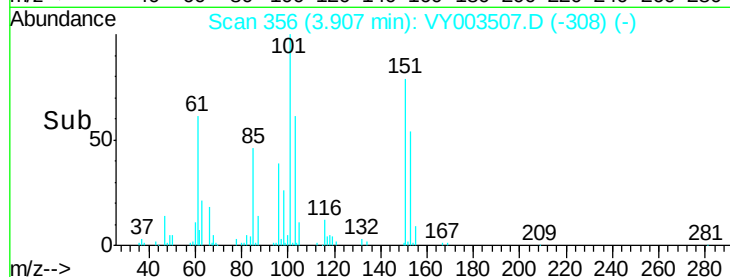
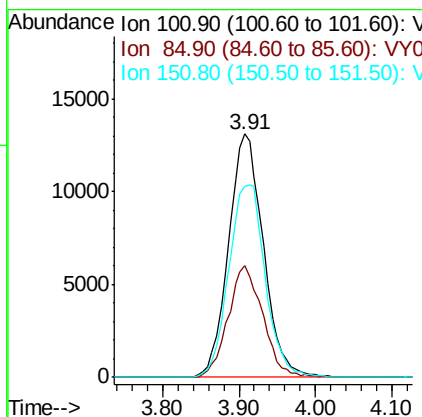
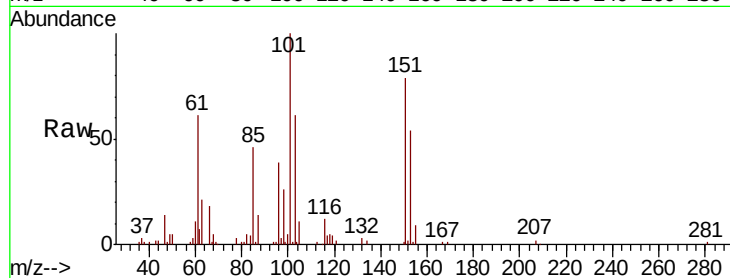
ClientSampleId :

VY1104SBS01

Tot Ion:	101	Resp:	41389
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.8	53.8
151	82.9	67.6	101.4

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#10

Methyl Iodide

Concen: 24.221 ug/l

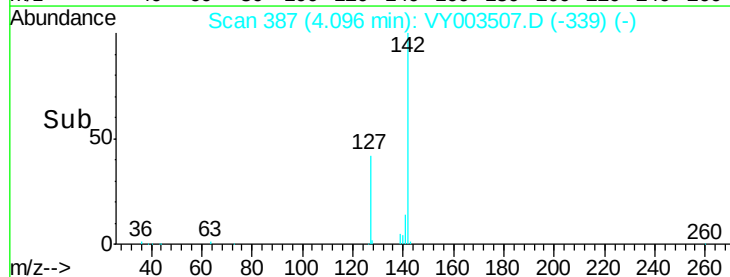
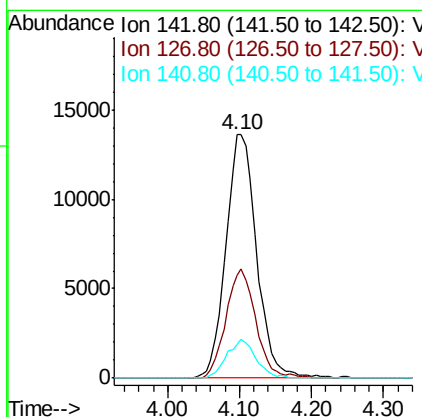
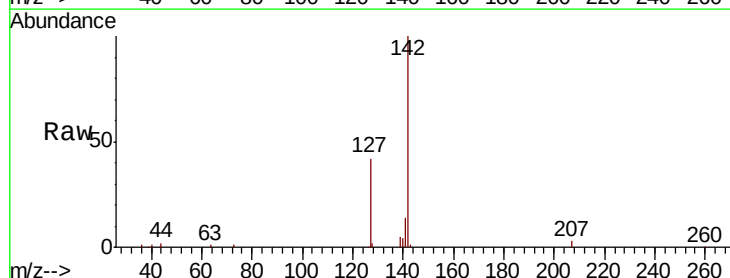
RT: 4.10 min Scan# 387

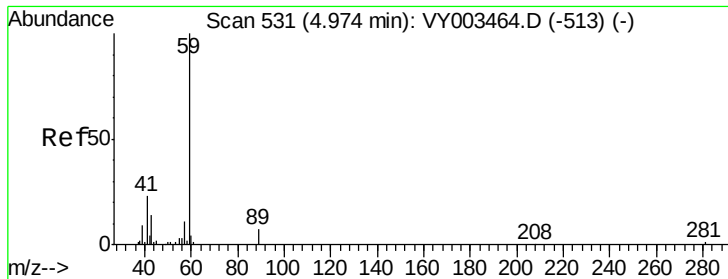
Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	142	Resp:	40398
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.5	51.7
141	14.8	11.8	17.8





#11

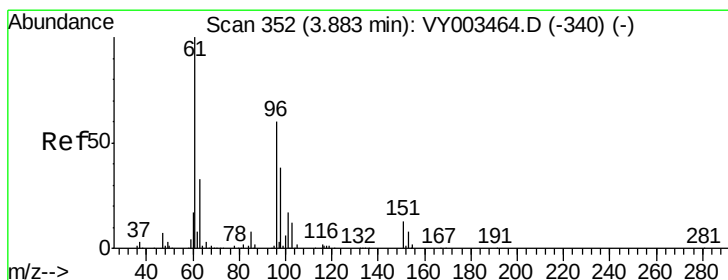
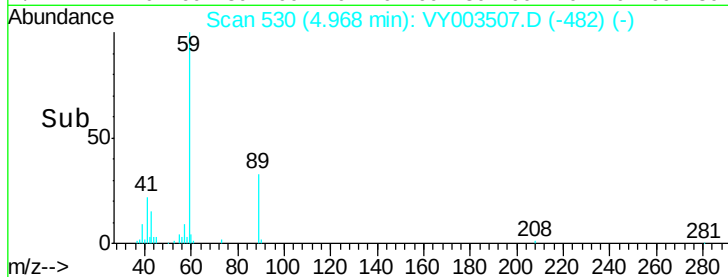
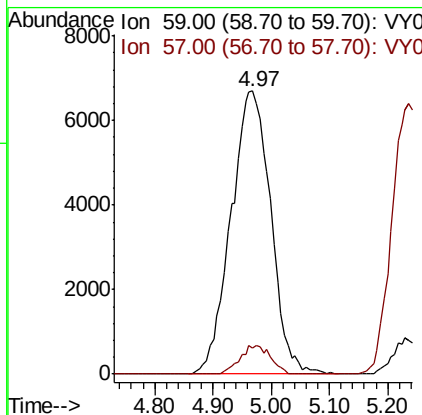
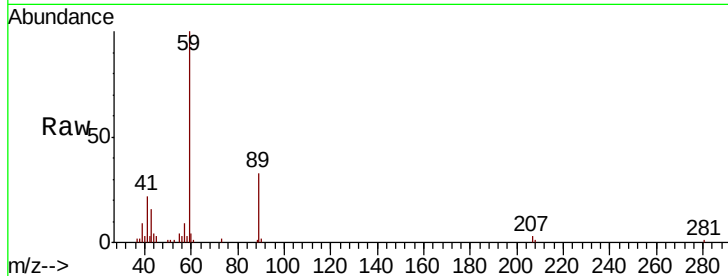
Tert butyl alcohol
 Concen: 130.086 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.7	7.9	11.9#

Manual Integrations
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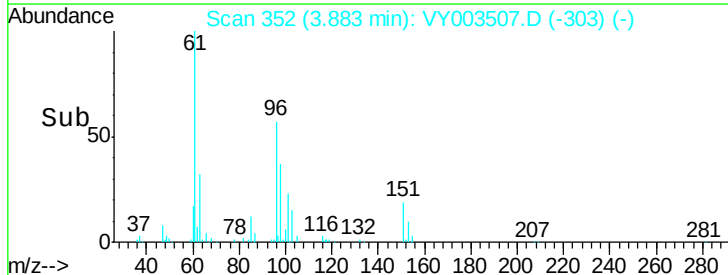
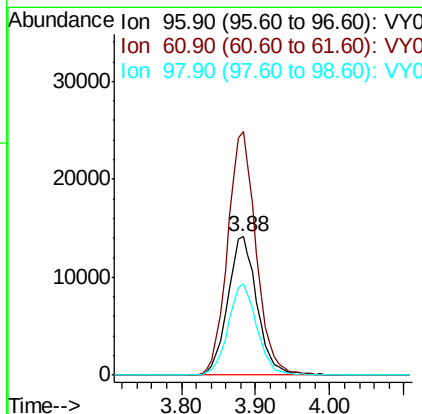
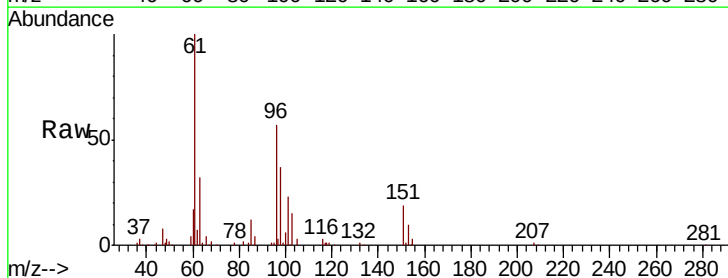
MMDadoda
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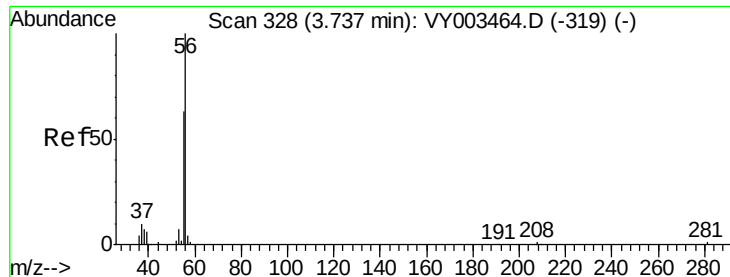


#12

1,1-Dichloroethene
 Concen: 21.434 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.8	133.6	200.4
98	65.9	50.2	75.2





#13

Acrolein

Concen: 103.528 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 56 Resp: 19561

Ion Ratio Lower Upper

56 100

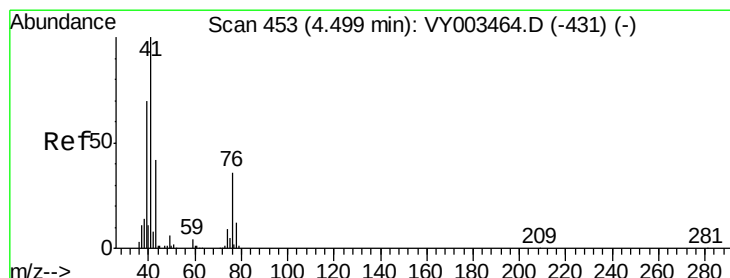
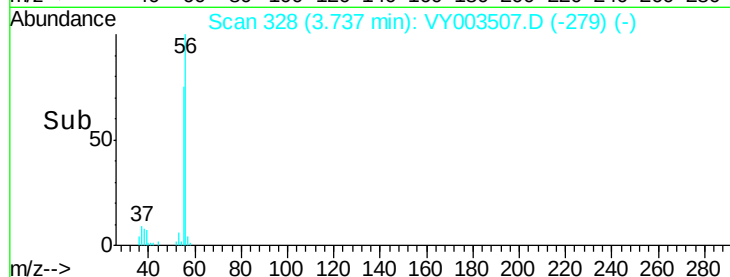
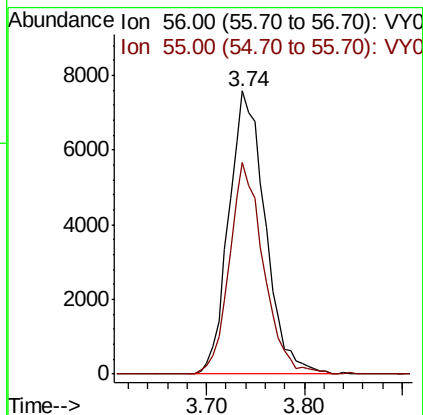
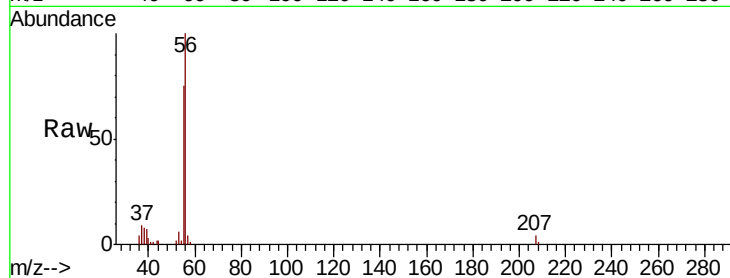
55 70.2 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 22.007 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

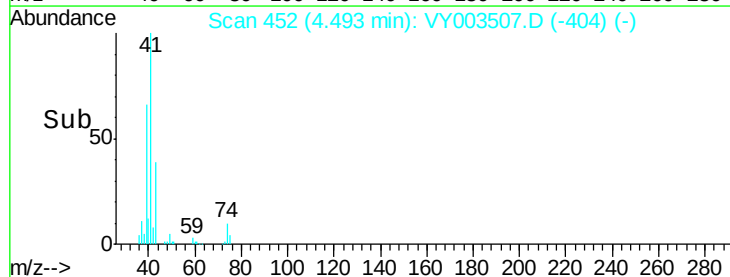
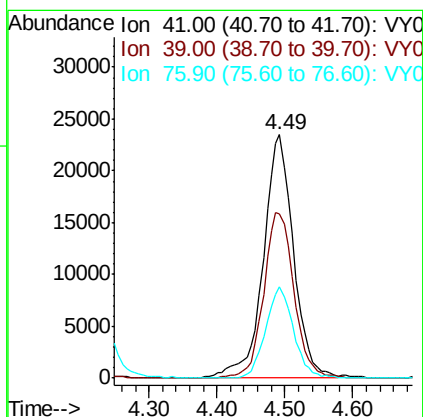
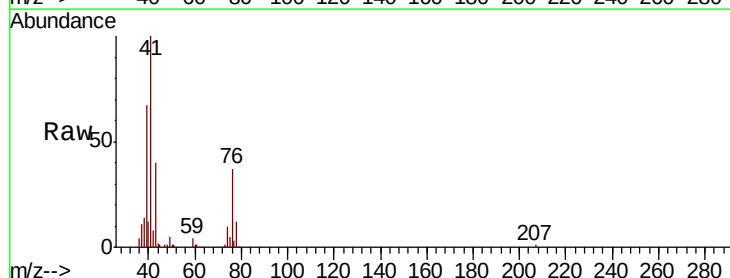
Tgt Ion: 41 Resp: 72768

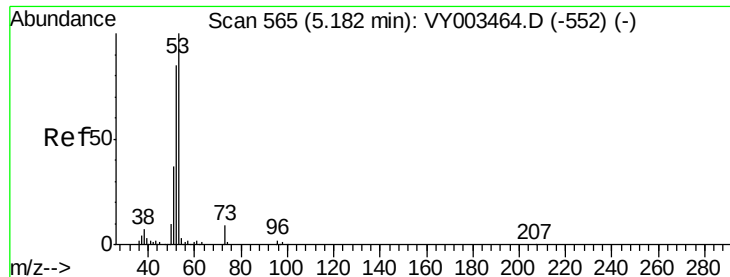
Ion Ratio Lower Upper

41 100

39 68.7 54.4 81.6

76 34.6 27.6 41.4





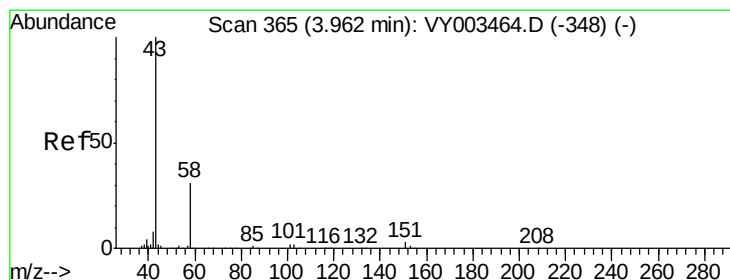
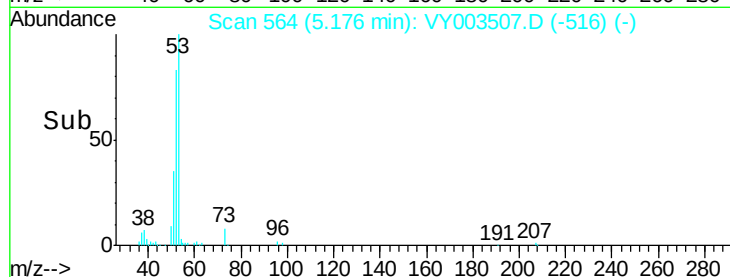
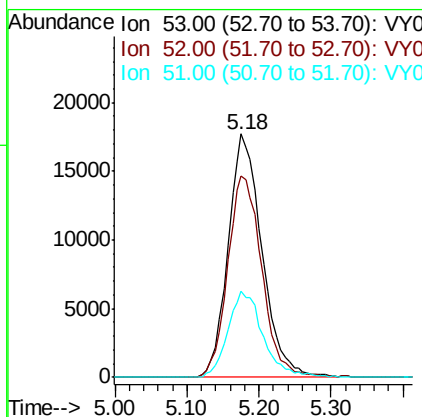
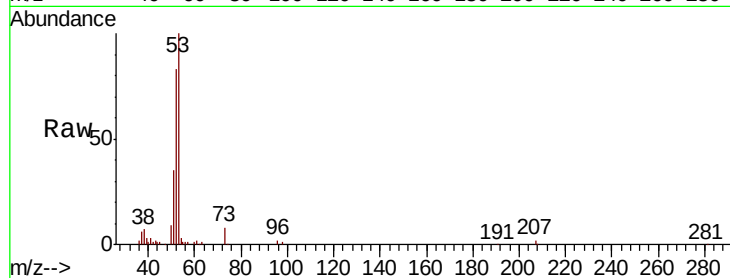
#15
 Acrylonitrile
 Concen: 107.061 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion:	53	Resp:	57760
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.9	100.3
51	36.6	29.3	43.9

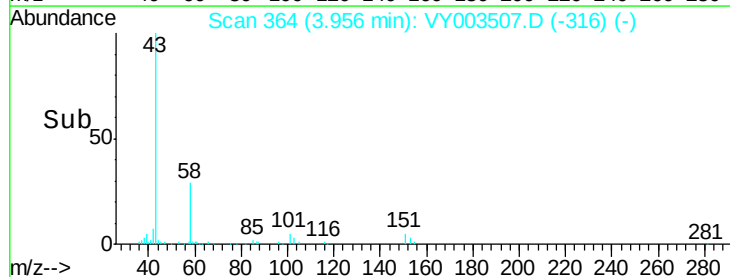
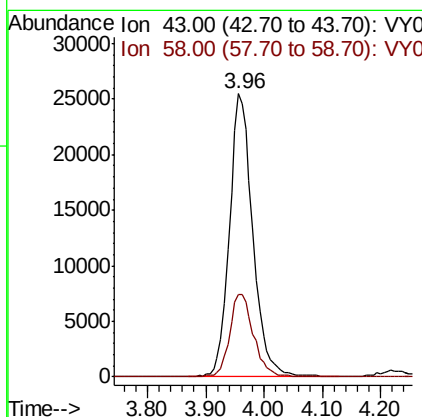
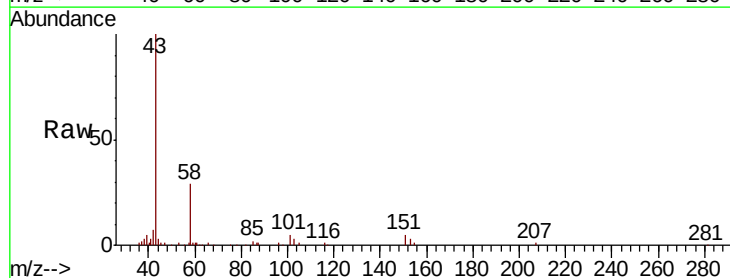
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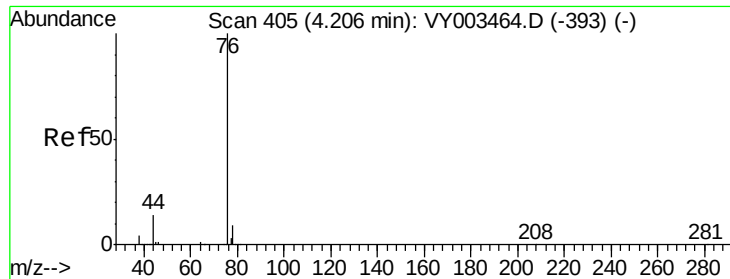
MMDadoda
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#16
 Acetone
 Concen: 94.571 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion:	43	Resp:	71028
Ion	Ratio	Lower	Upper
43	100		
58	29.2	25.0	37.4





#17

Carbon Disulfide

Concen: 21.659 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

Tot Ion: 76 Resp: 127175

Ion Ratio Lower Upper

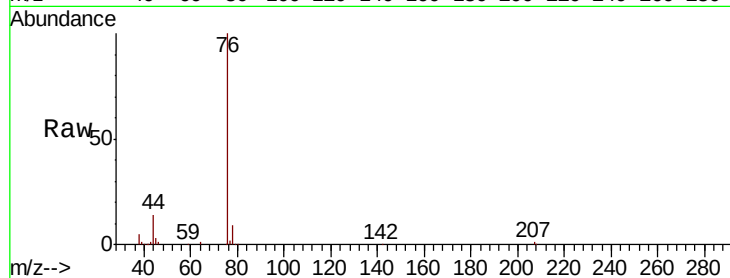
76 100

78 9.0 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

50000

40000

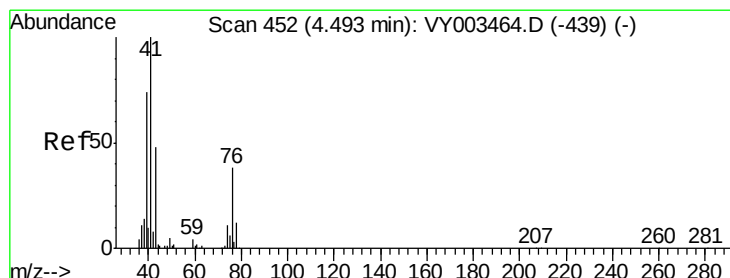
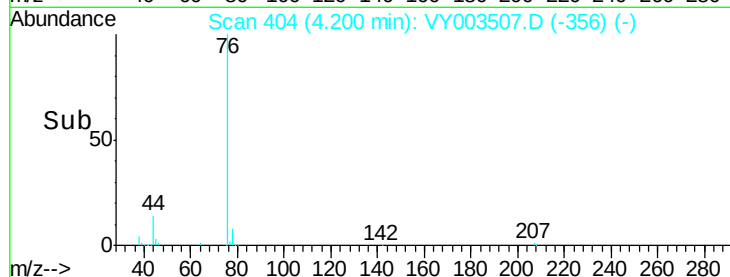
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 21.257 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003507.D

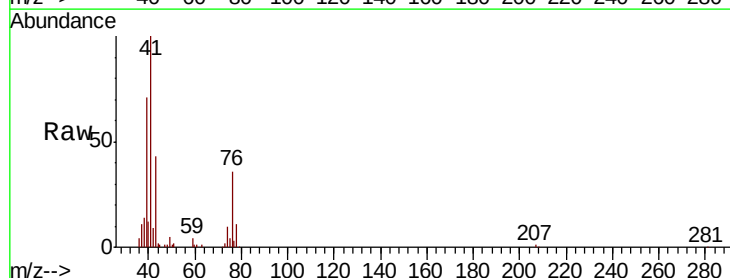
Acq: 04 Nov 2020 12:24

Tgt Ion: 43 Resp: 30170

Ion Ratio Lower Upper

43 100

74 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

10000

8000

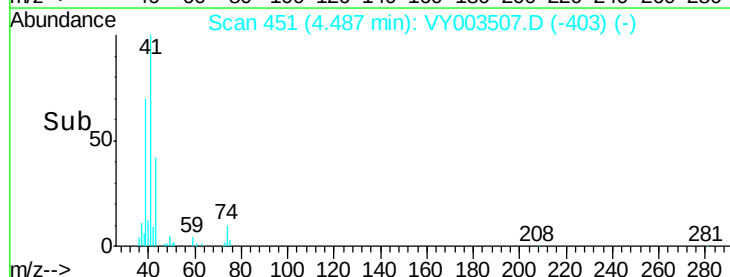
6000

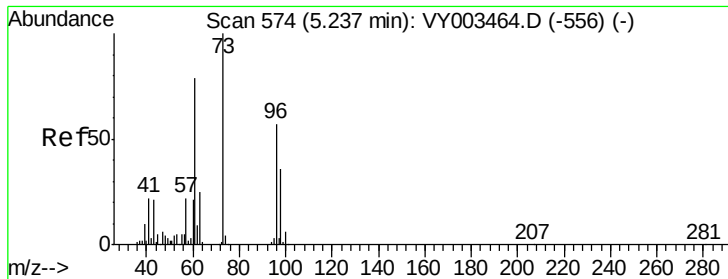
4000

2000

0

Time-->





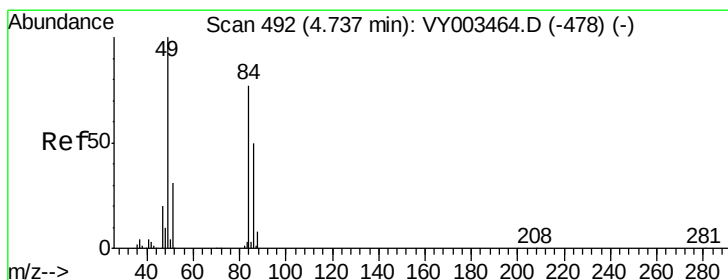
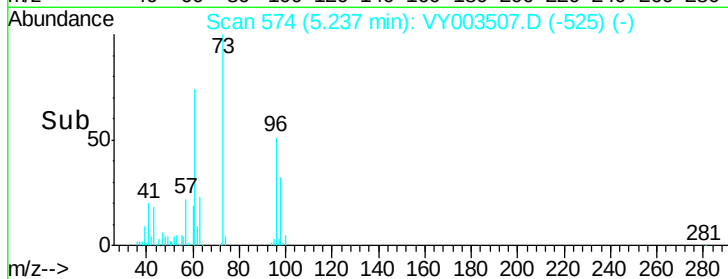
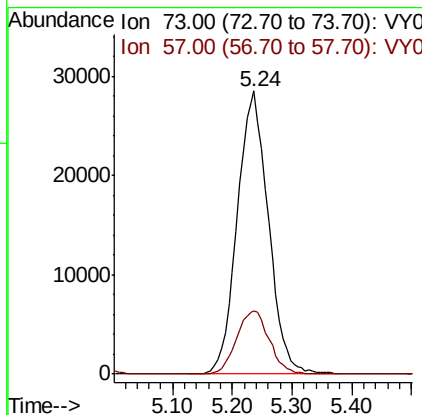
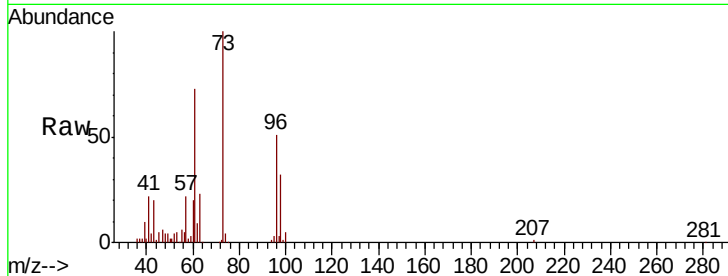
#19
Methyl tert-butyl Ether
Concen: 23.135 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.2	25.8

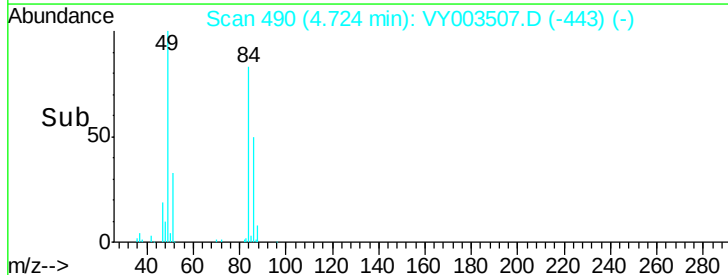
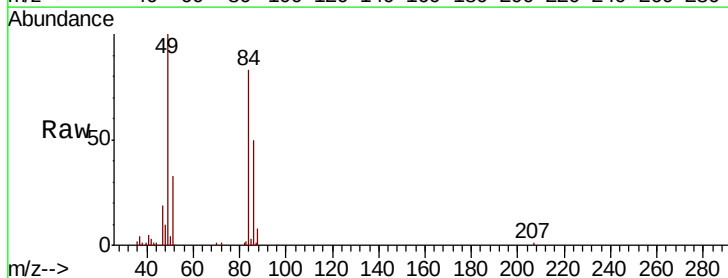
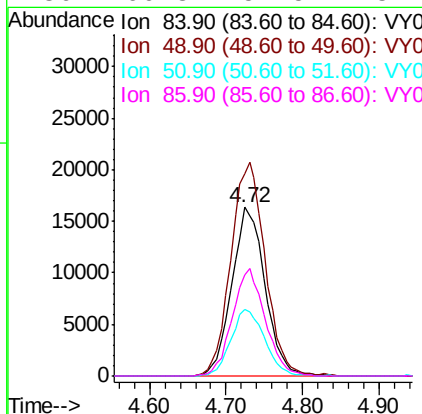
Manual Integrations
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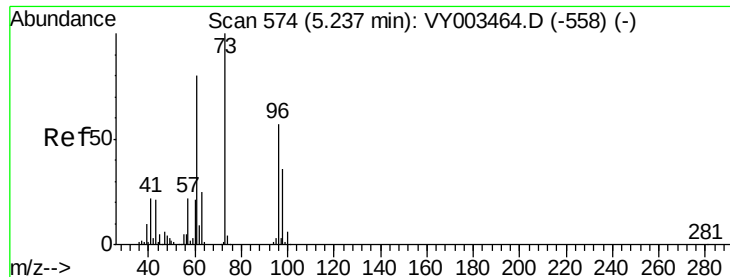
MMDadoda
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#20
Methylene Chloride
Concen: 23.282 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	104.3	156.5
51	39.2	32.5	48.7
86	60.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 22.154 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

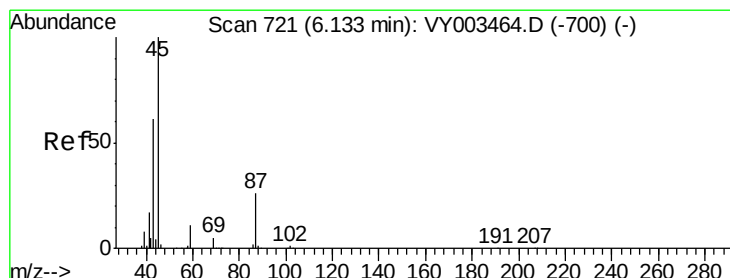
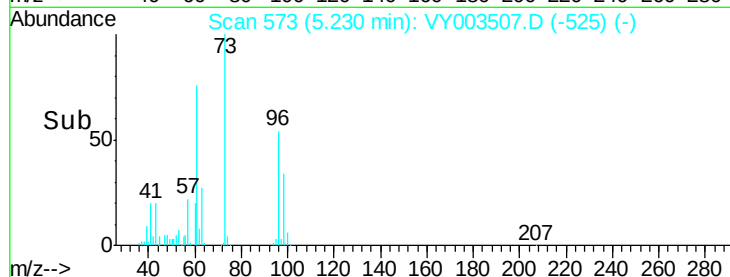
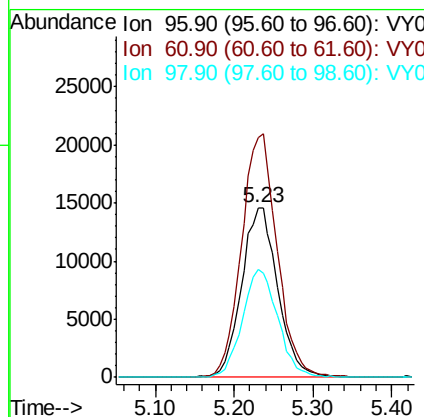
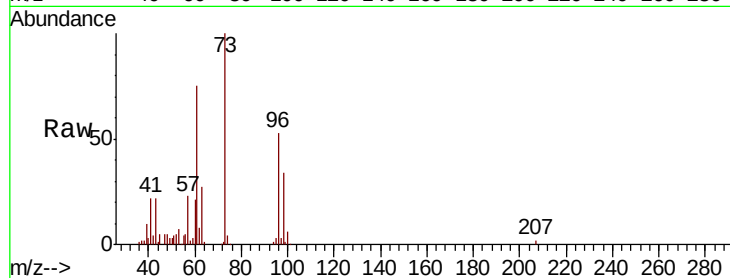
ClientSampleId :

VY1104SBS01

Tot Ion:	96	Resp:	46494
Ion	Ratio	Lower	Upper
96	100		
61	141.6	111.3	166.9
98	63.8	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.911 ug/l

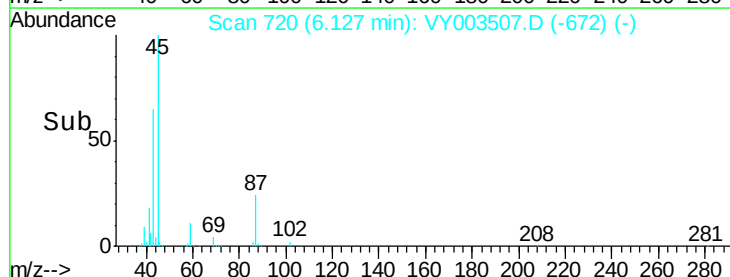
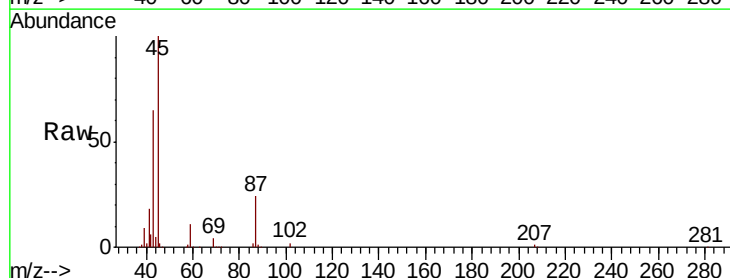
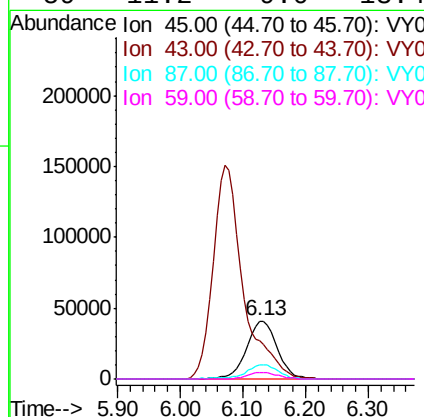
RT: 6.13 min Scan# 720

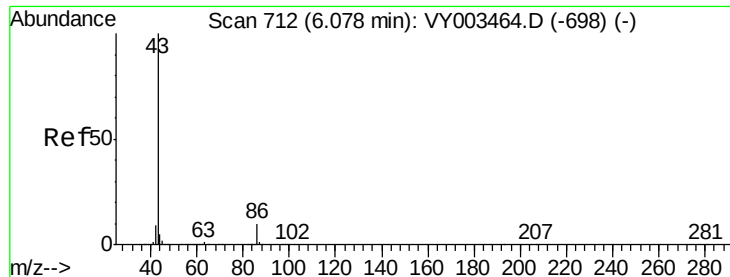
Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	45	Resp:	138677
Ion	Ratio	Lower	Upper
45	100		
43	64.7	48.8	73.2
87	23.7	20.6	31.0
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 114.390 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 43 Resp: 498546

Ion Ratio Lower Upper

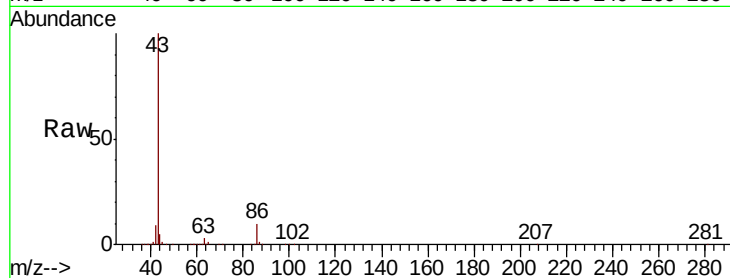
43 100

86 9.7 8.2 12.2

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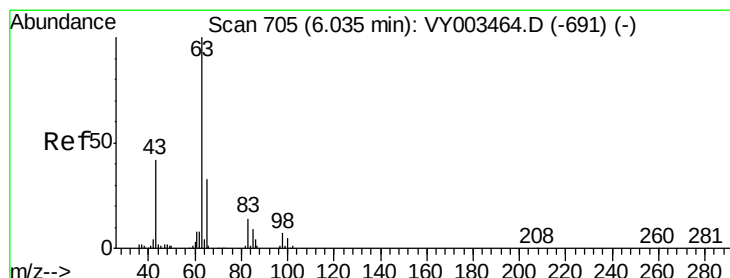
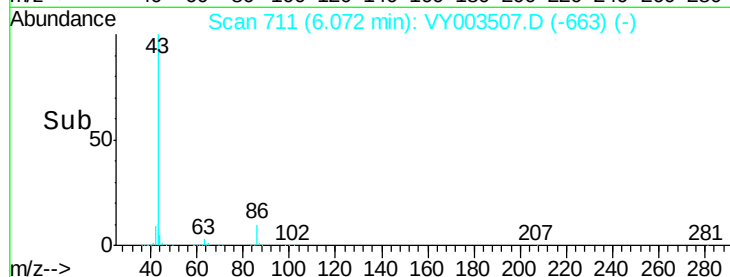
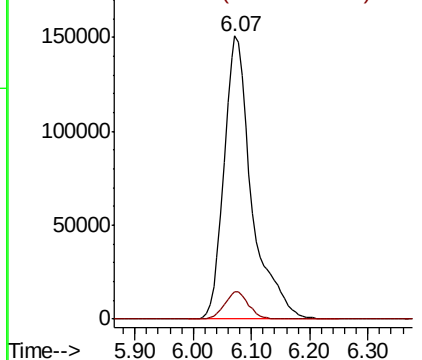
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.861 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

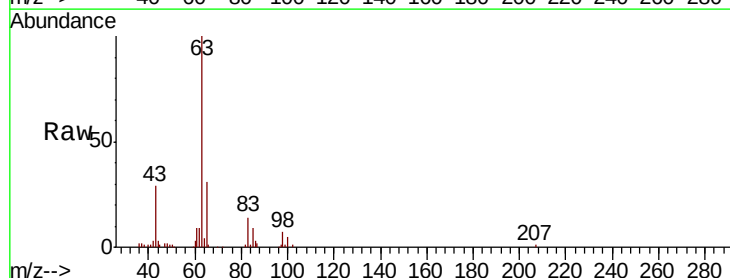
Tgt Ion: 63 Resp: 84253

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

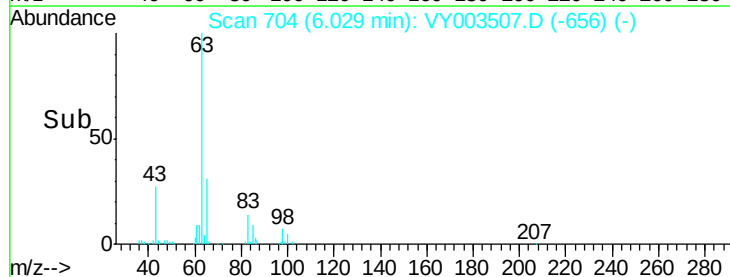
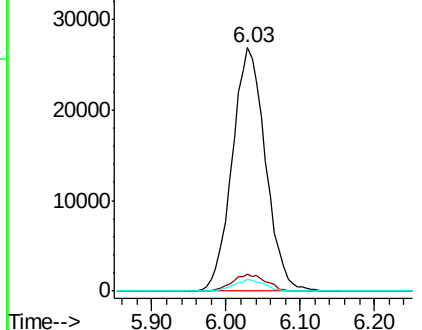
100 4.9 2.3 6.9

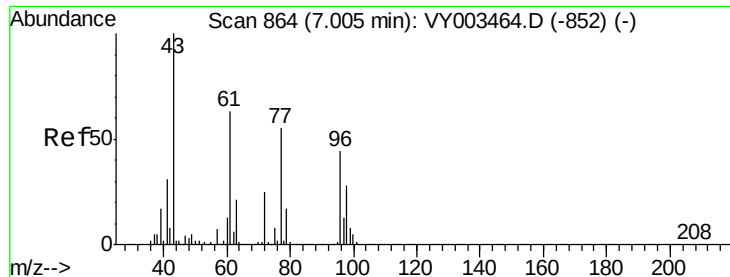


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 101.548 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 43 Resp: 95389

Ion Ratio Lower Upper

43 100

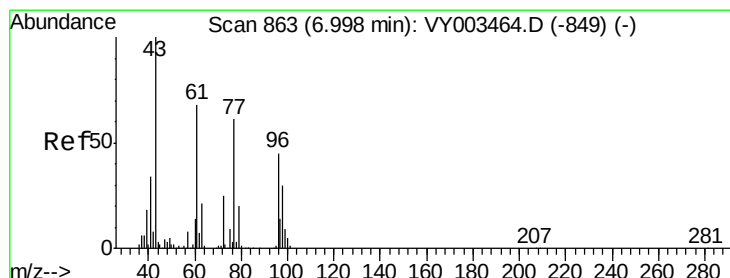
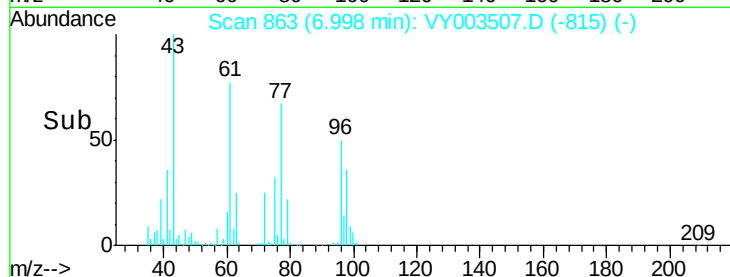
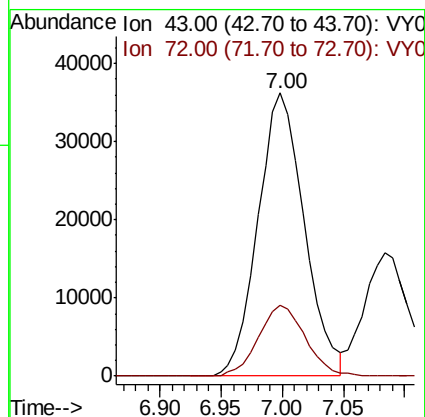
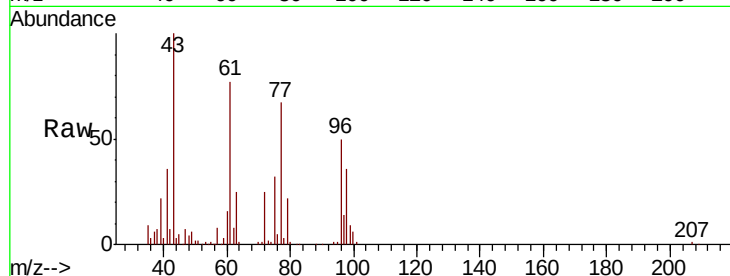
72 25.0 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.377 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003507.D

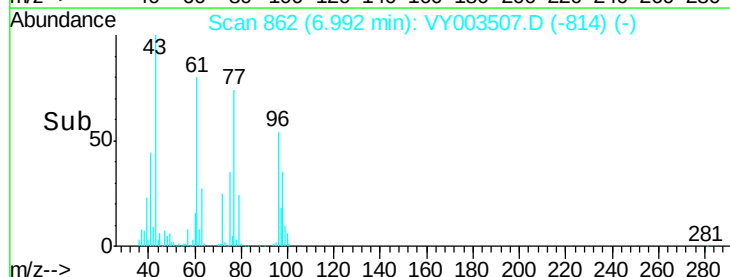
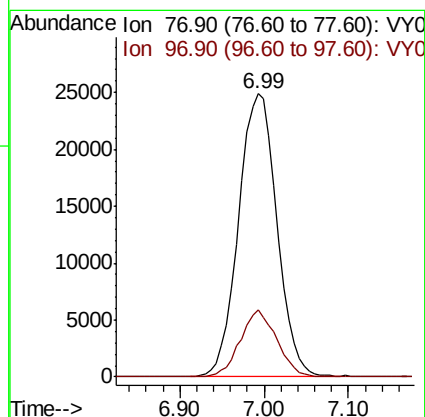
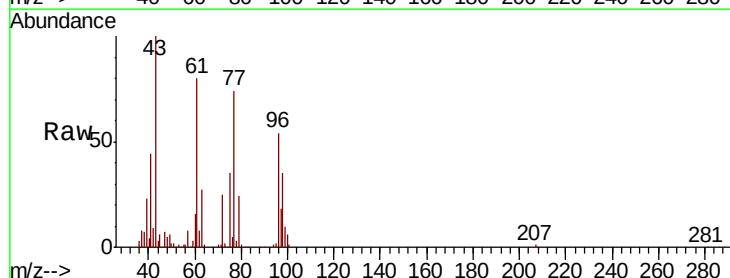
Acq: 04 Nov 2020 12:24

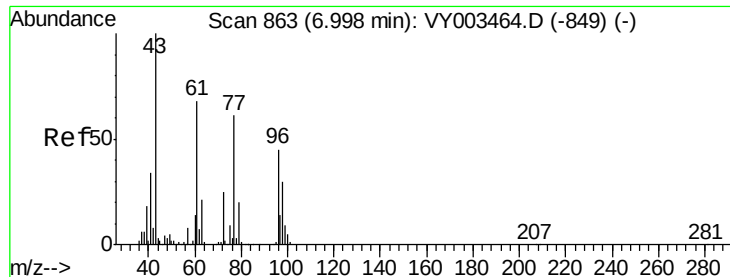
Tgt Ion: 77 Resp: 76830

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

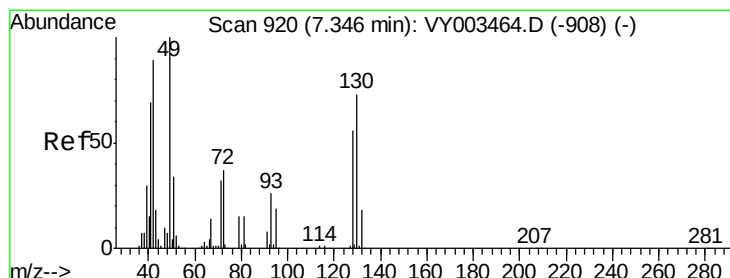
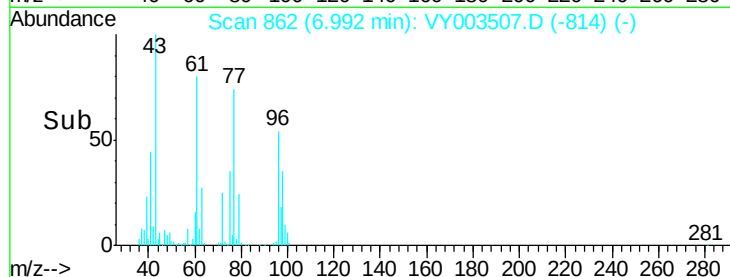
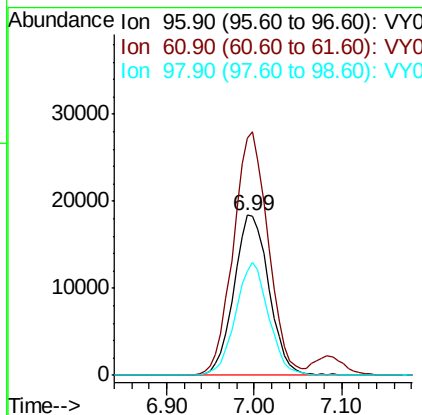
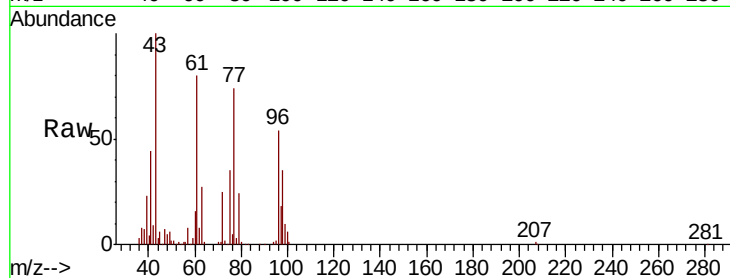
cis-1,2-Dichloroethene
Concen: 22.520 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	299.2
98	66.1	0.0	128.6

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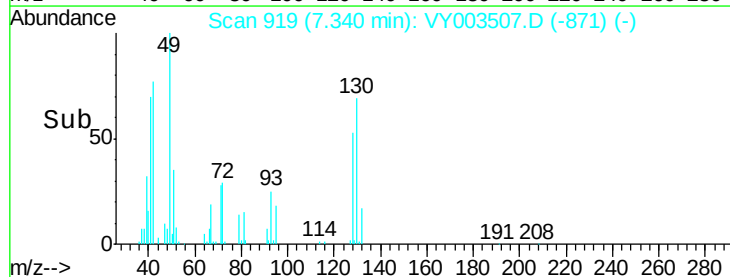
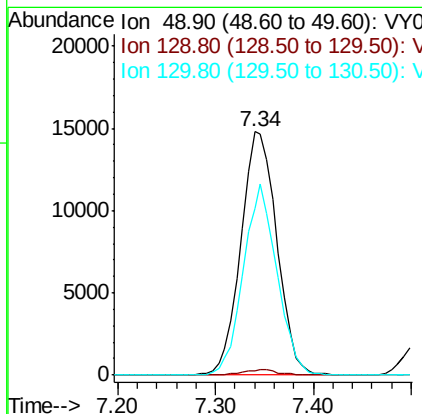
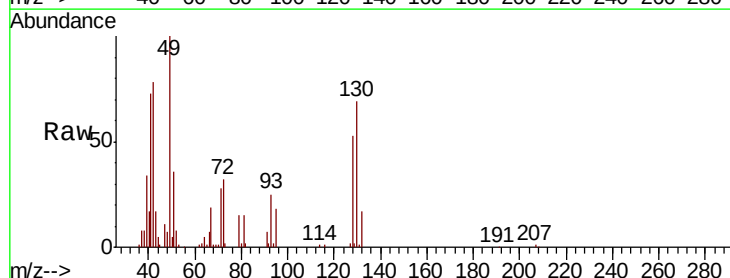
MMDadoda
11/5/2020 7:01:52 PM

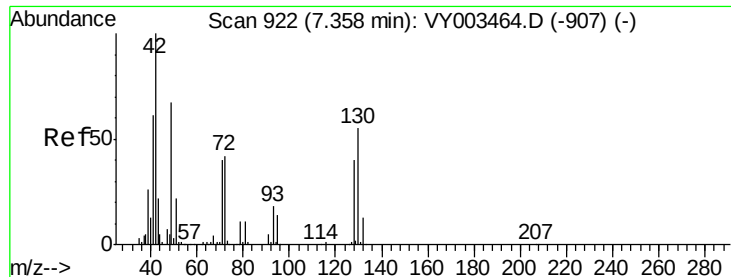


#28

Bromochloromethane
Concen: 20.352 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	73.1	60.0	90.0





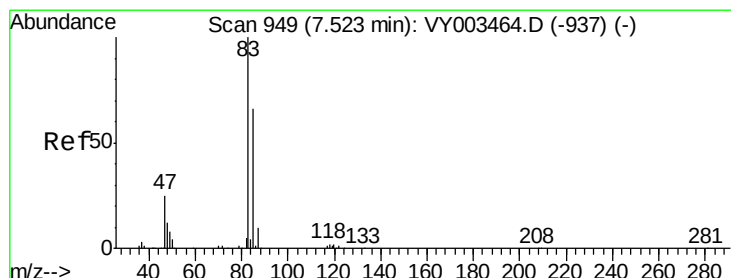
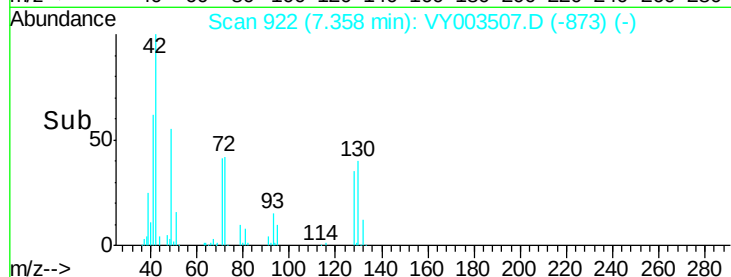
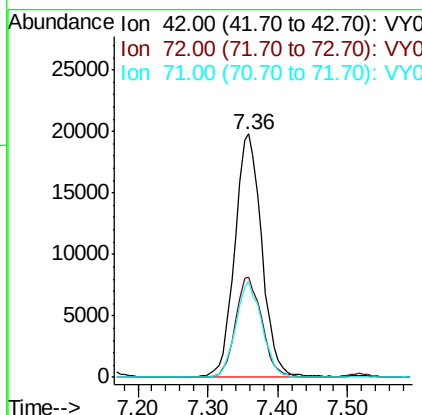
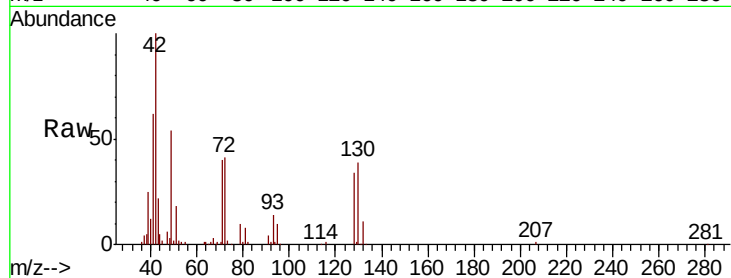
#29
Tetrahydrofuran
Concen: 108.293 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.8	49.2
71	37.9	30.7	46.1

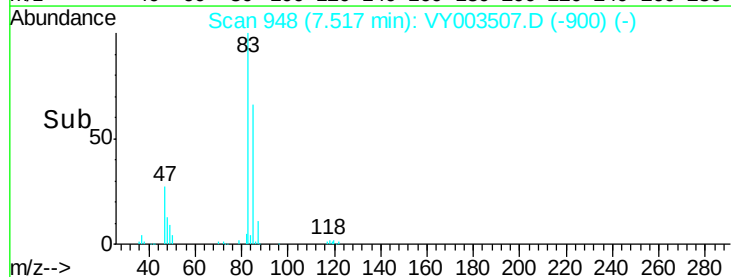
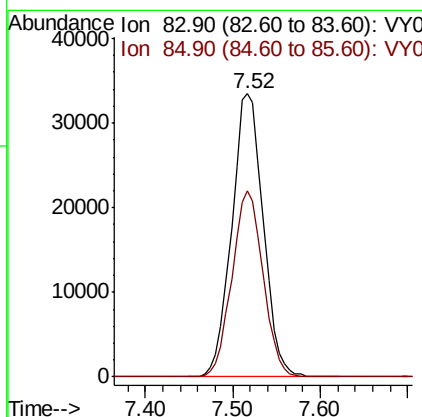
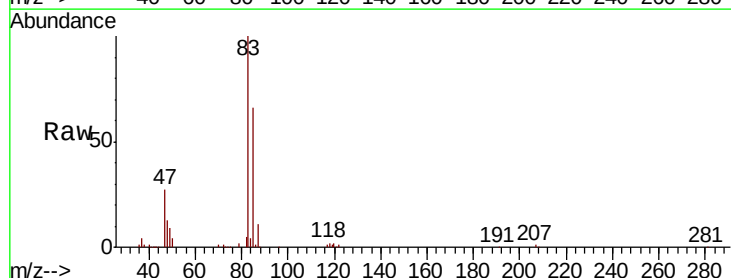
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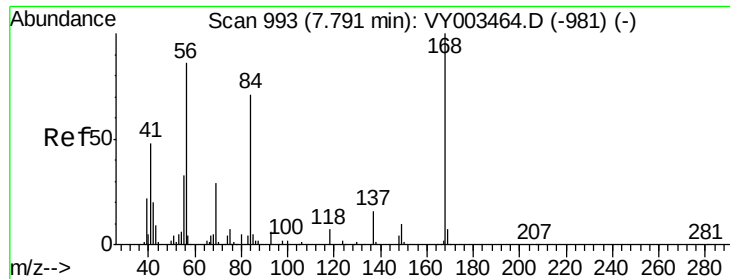
MMDadoda
11/5/2020 7:01:52 PM



#30
Chloroform
Concen: 23.096 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	79.0





#31

Cyclohexane

Concen: 21.535 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

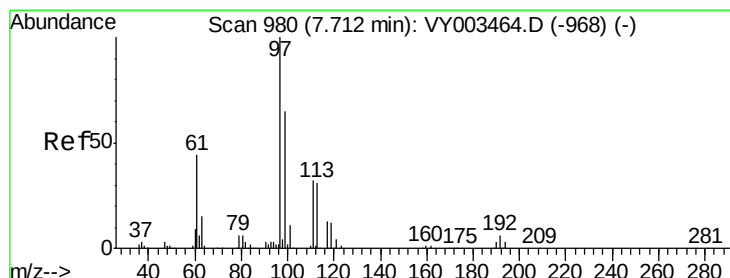
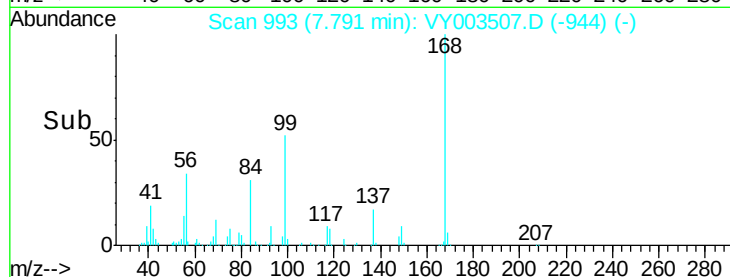
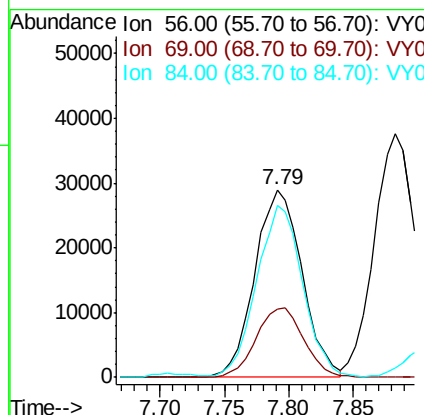
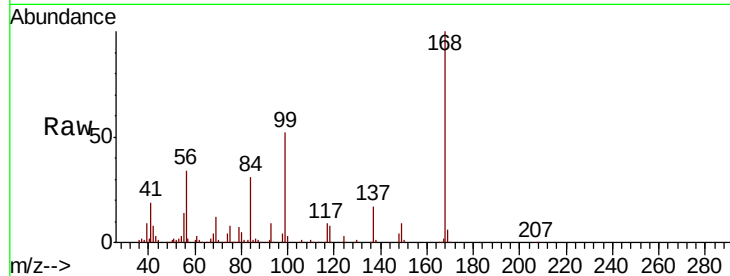
ClientSampleId :

VY1104SBS01

Tot Ion:	56	Resp:	73489
Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.6	39.8
84	90.8	65.9	98.9

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#32

1,1,1-Trichloroethane

Concen: 22.466 ug/l

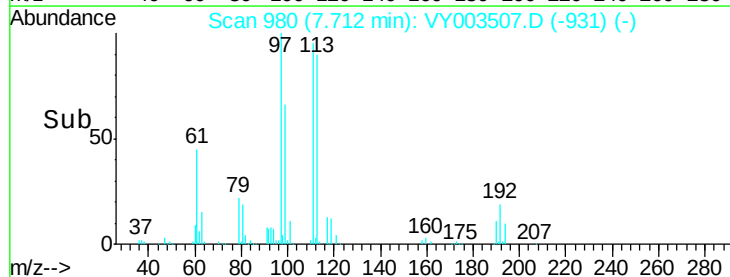
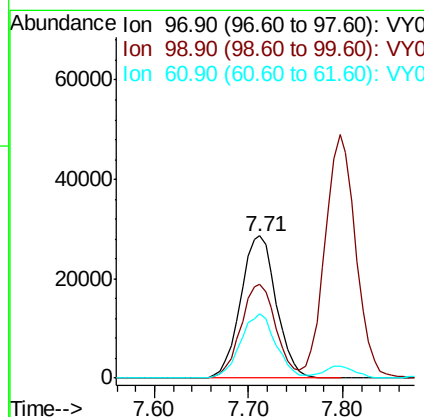
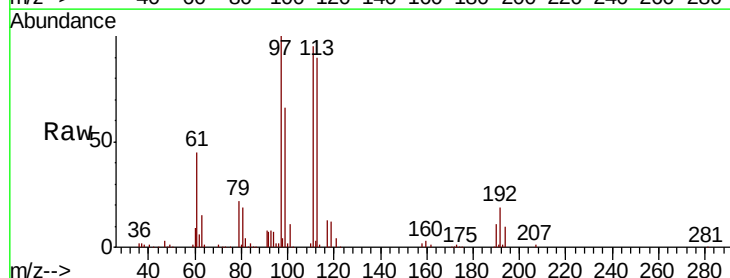
RT: 7.71 min Scan# 980

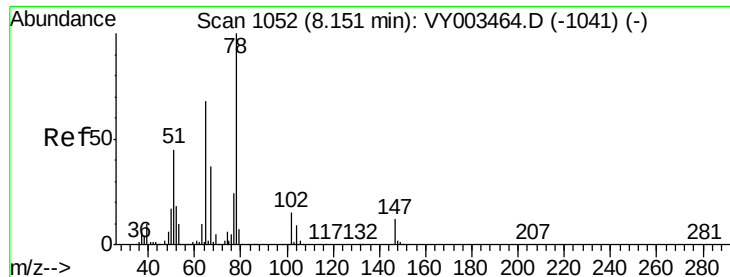
Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	97	Resp:	75868
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.9	35.1	52.7





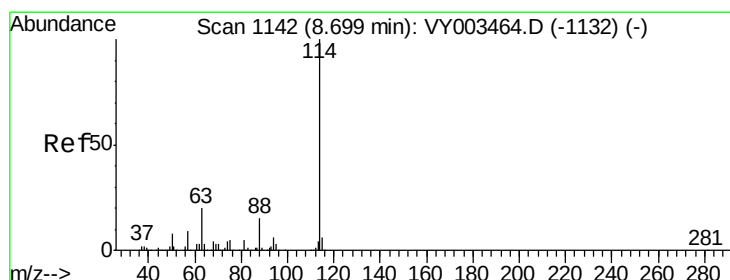
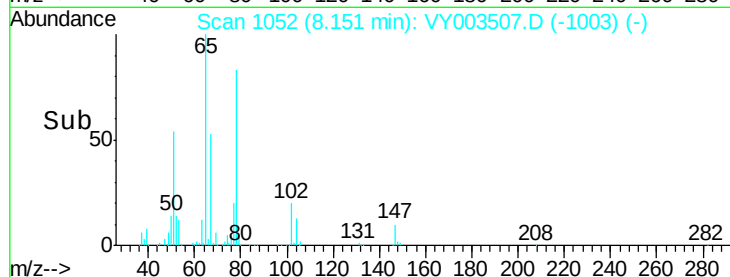
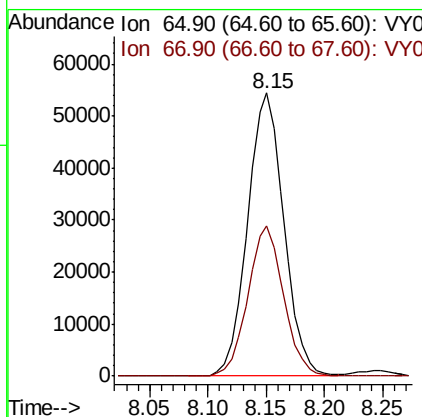
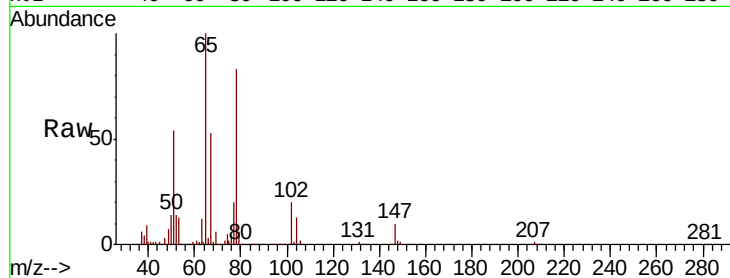
#33
 1,2-Dichloroethane-d4
 Concen: 51.969 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	106.0	

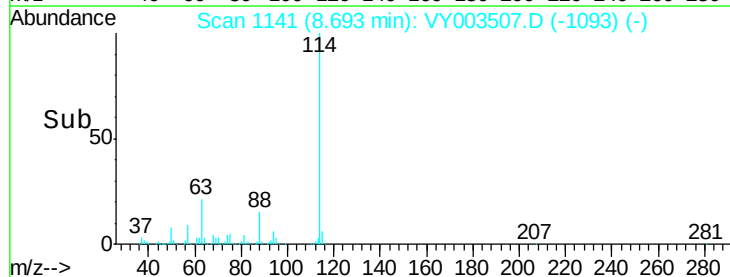
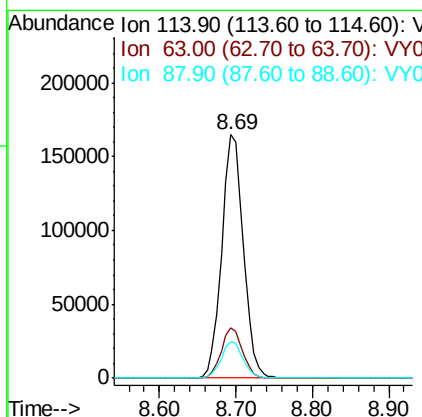
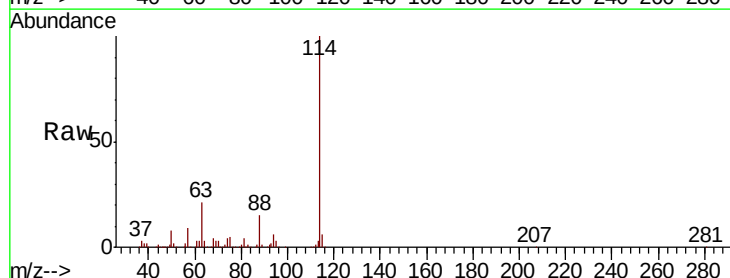
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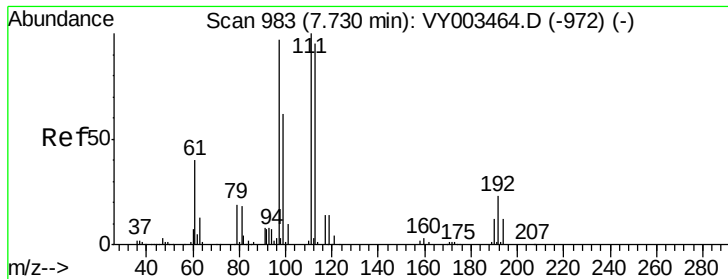
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 11/5/2020 7:01:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	40.6	
88	14.9	0.0	29.4	





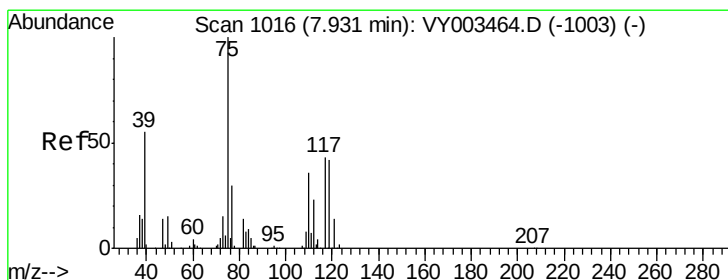
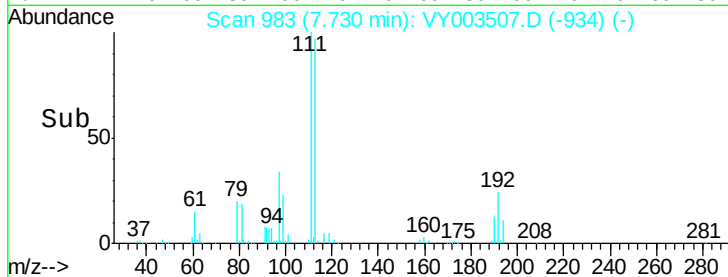
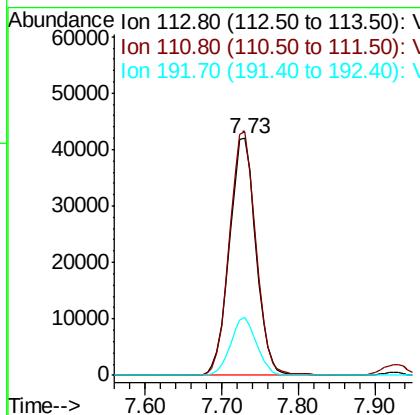
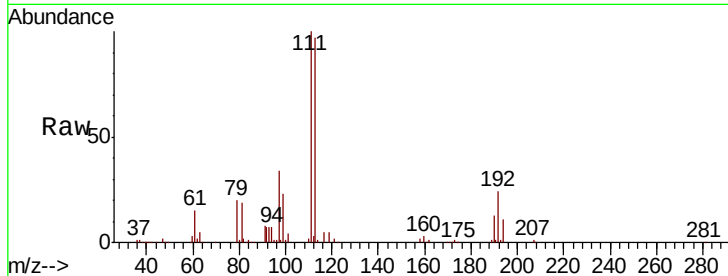
#35
 Dibromofluoromethane
 Concen: 51.293 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100688		
111	102.0		81.8	122.6
192	24.0		18.8	28.2

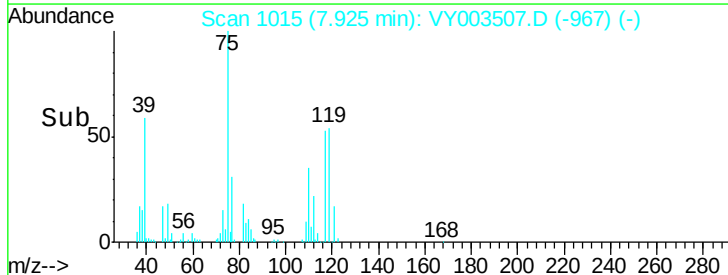
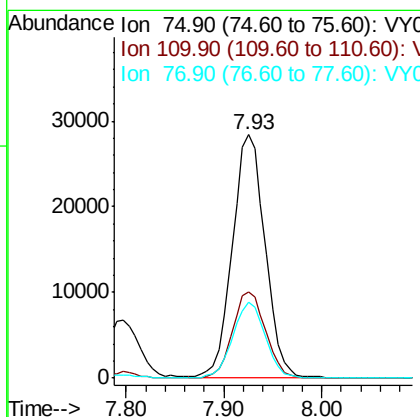
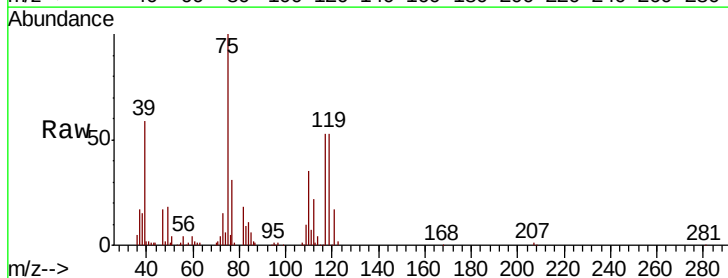
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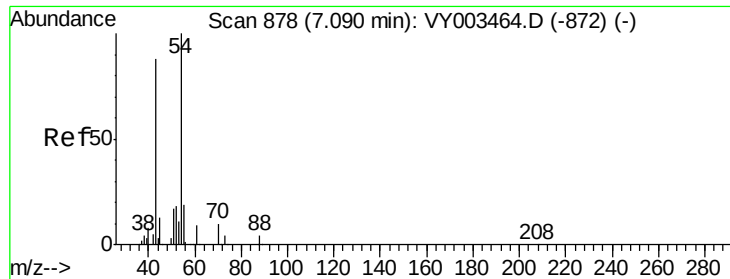
MMDadoda
 11/5/2020 7:01:52 PM



#36
 1,1-Dichloropropene
 Concen: 21.696 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65987		
110	35.6		17.6	52.9
77	31.3		24.7	37.1





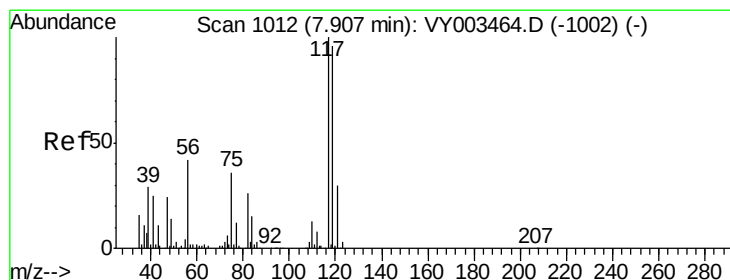
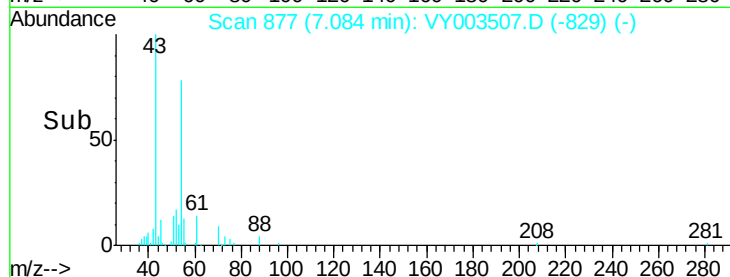
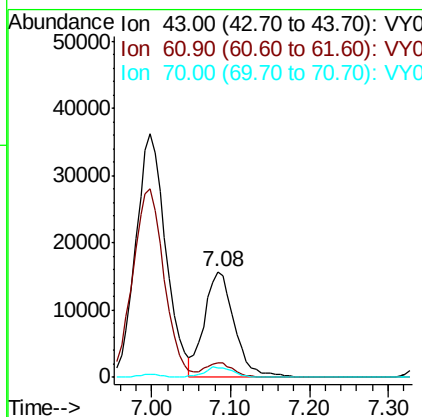
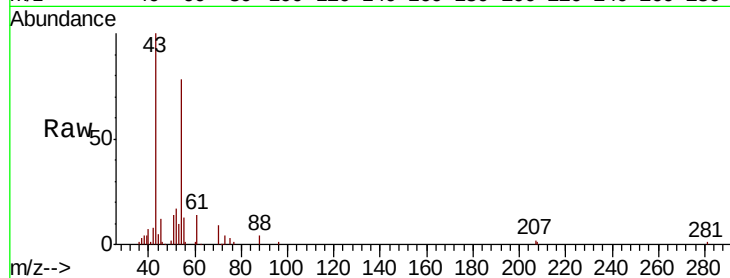
#37
Ethyl Acetate
Concen: 22.171 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion:	43	Resp:	41872
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.6
70	9.3	7.9	11.9

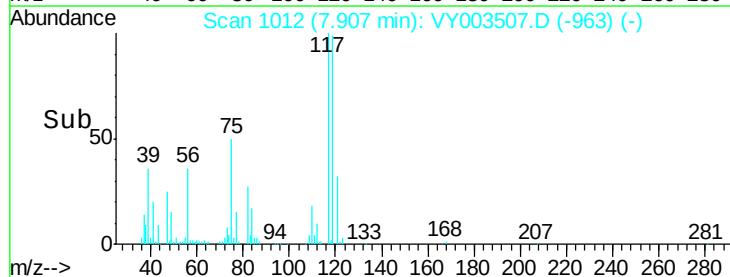
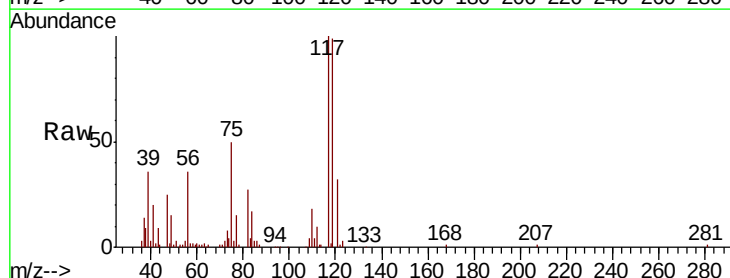
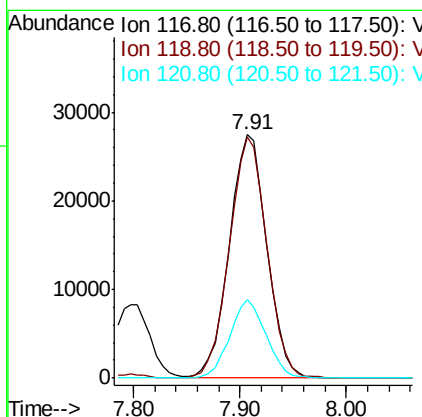
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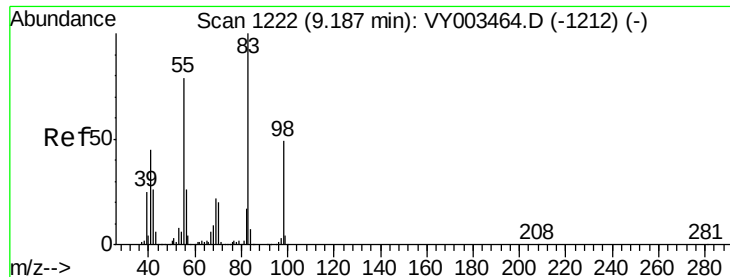
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.516 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion:	117	Resp:	67889
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.2	114.4
121	32.3	24.2	36.4





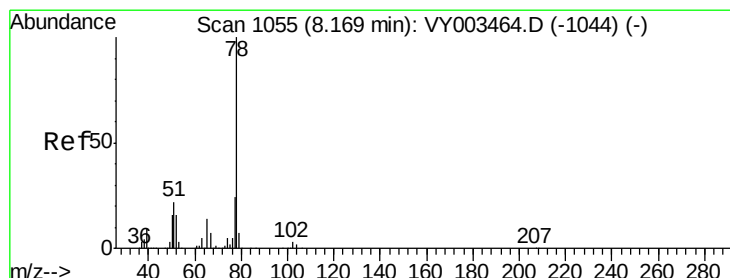
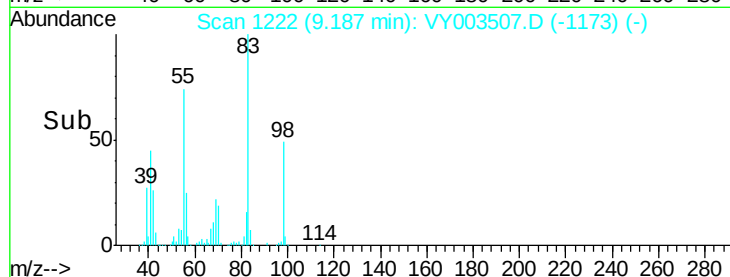
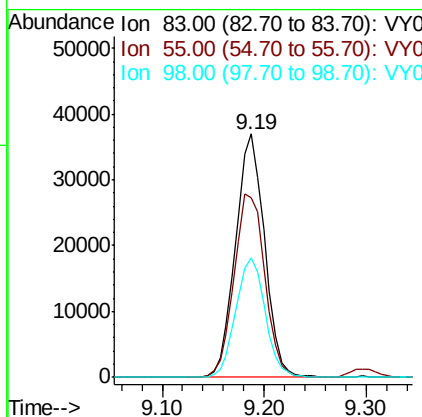
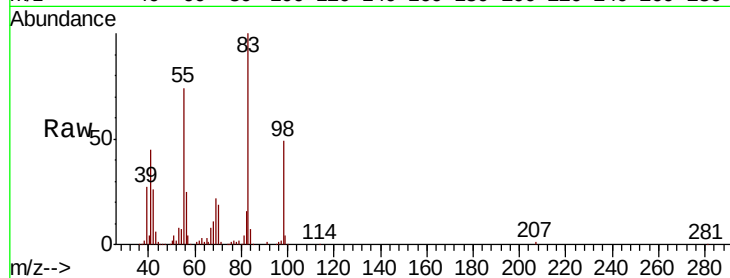
#39
Methylvlcyclohexane
Concen: 21.526 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	63.5	95.3
98	49.3	39.4	59.2

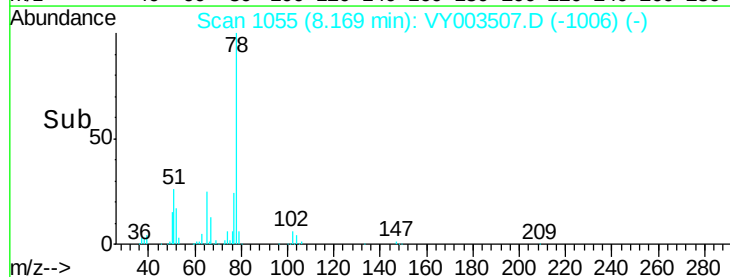
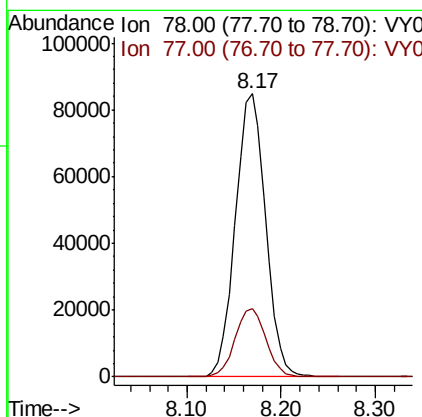
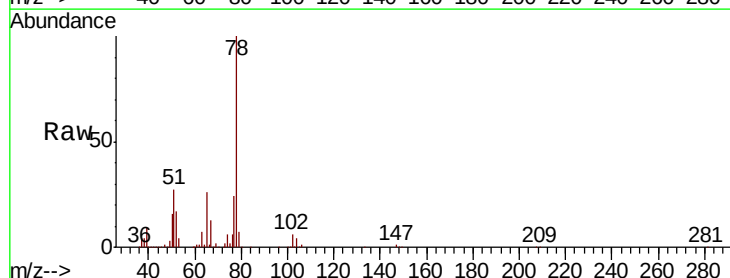
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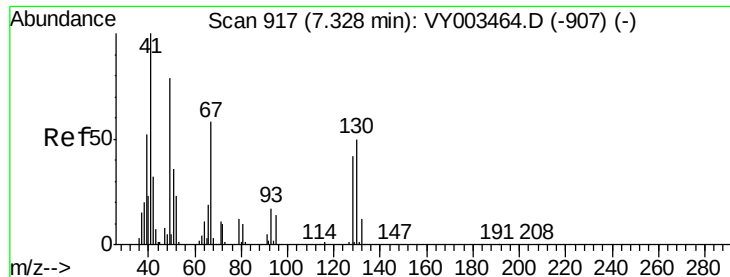
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#40
Benzene
Concen: 22.439 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





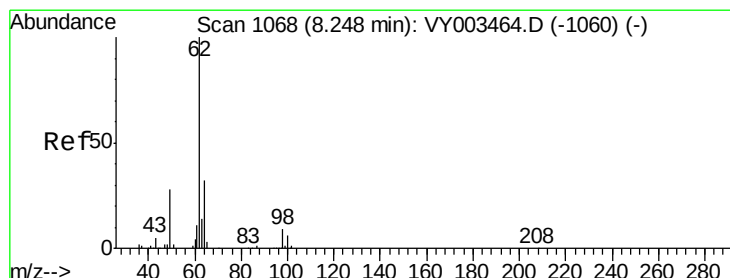
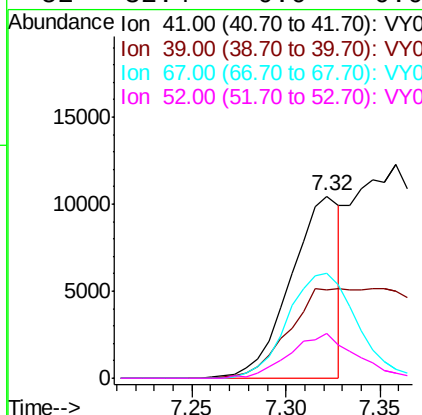
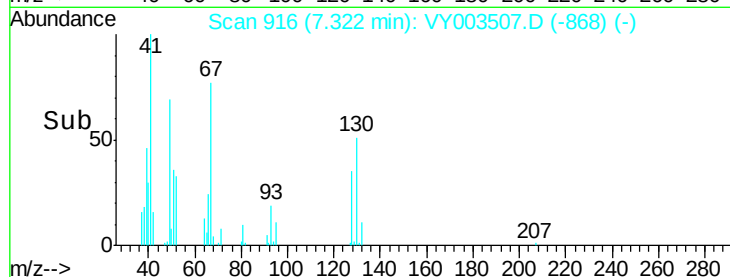
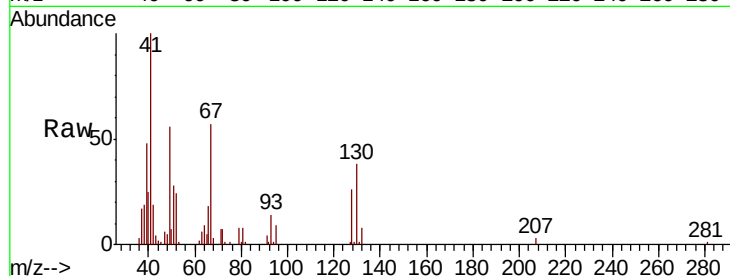
#41
Methacrylonitrile
Concen: 19.016 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	61.0	0.0	0.0#		
67	80.5	0.0	0.0#		
52	32.4	0.0	0.0#		

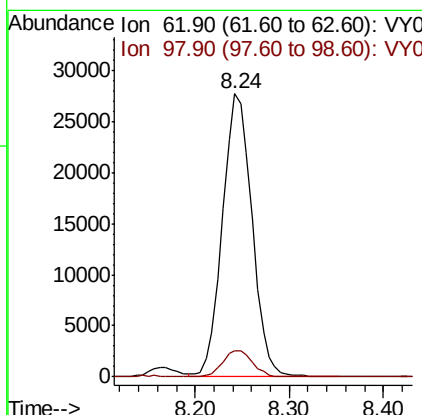
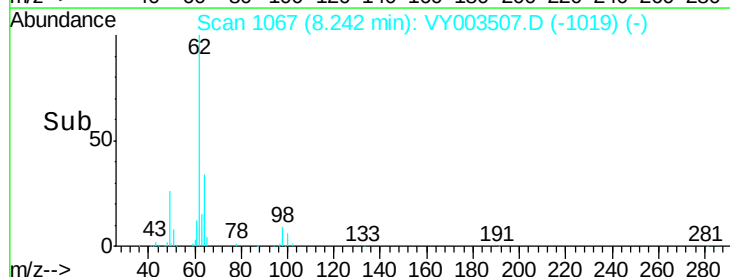
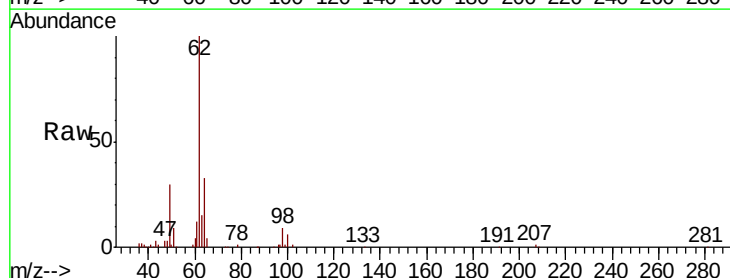
Manual Integrations
APPROVED

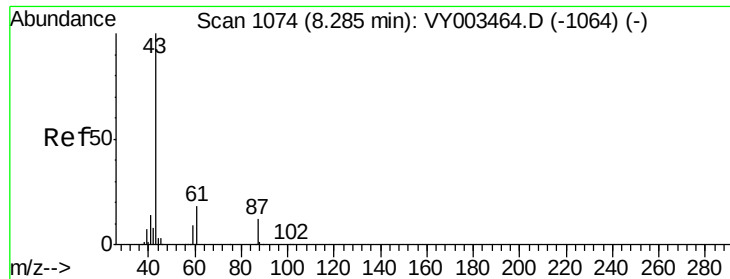
MMDadoda
11/5/2020 7:01:52 PM



#42
1,2-Dichloroethane
Concen: 22.797 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.4	0.0	18.2		





#43

Isopropyl Acetate

Concen: 22.037 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

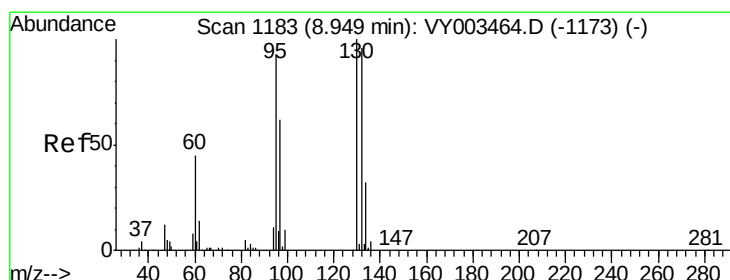
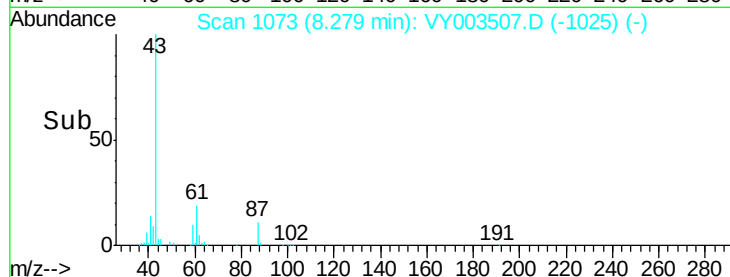
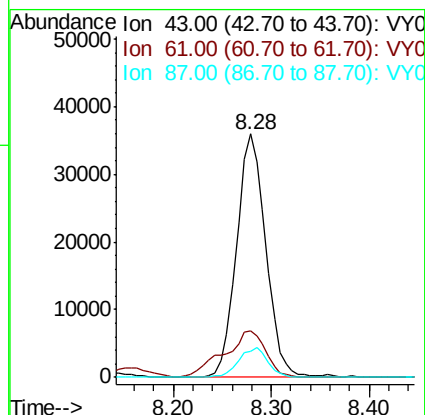
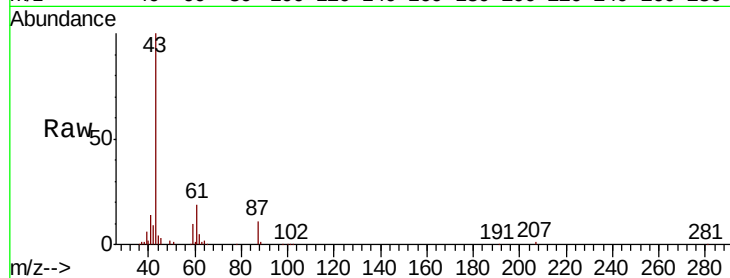
ClientSampleId :

VY1104SBS01

Tot Ion:	43	Resp:	74798
Ion	Ratio	Lower	Upper
43	100		
61	27.3	21.9	32.9
87	12.1	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 22.418 ug/l

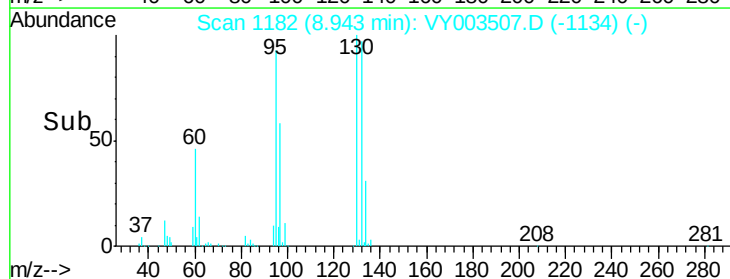
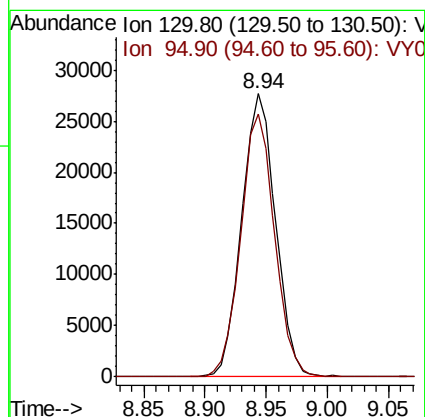
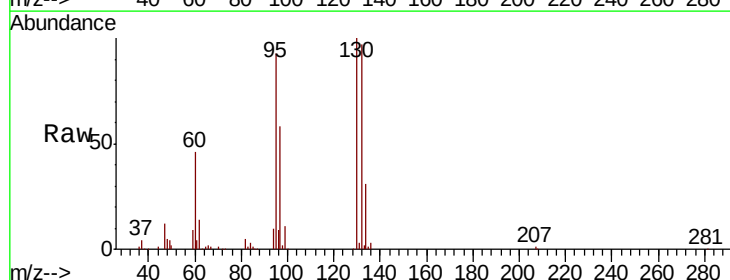
RT: 8.94 min Scan# 1182

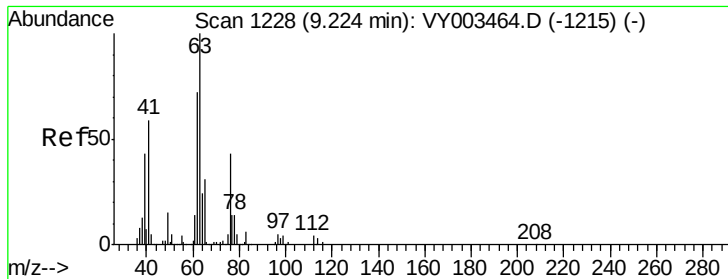
Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	130	Resp:	53269
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	186.6





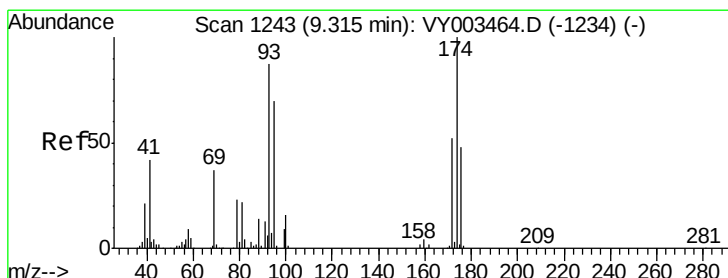
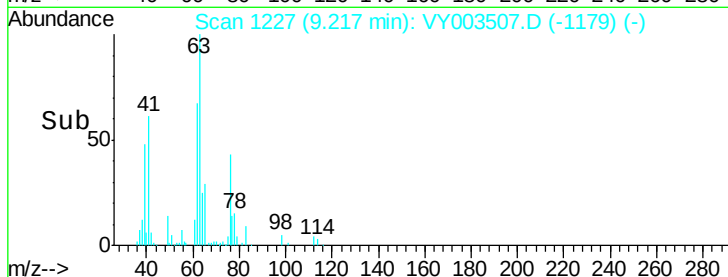
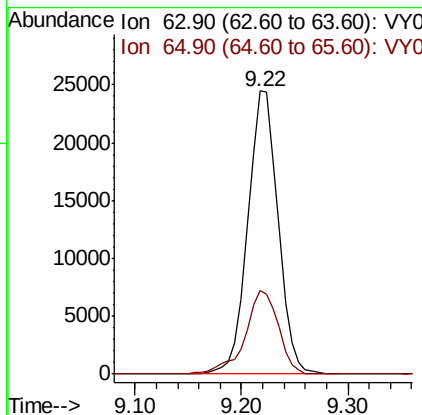
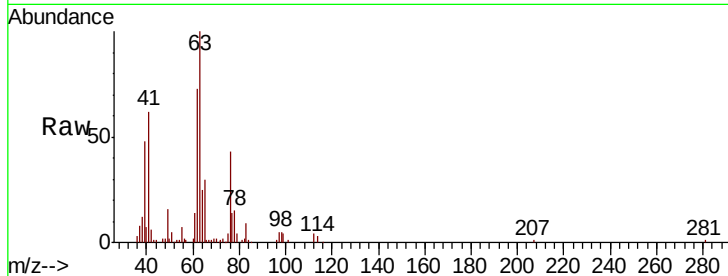
#45
 1,2-Dichloropropane
 Concen: 22.889 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.6	36.8

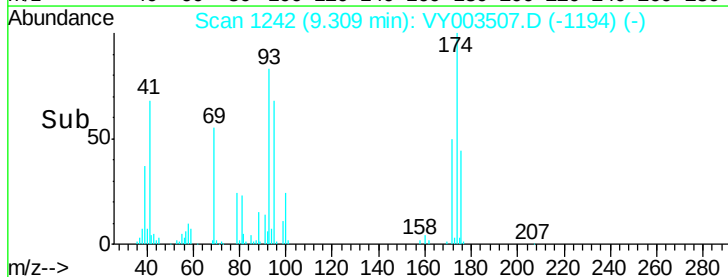
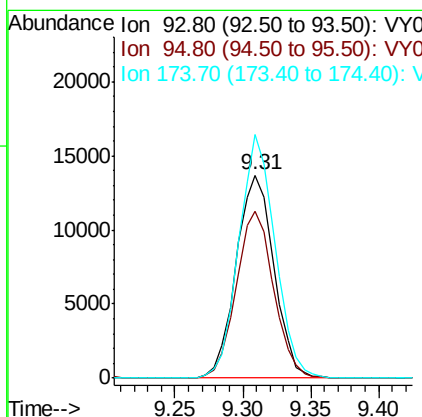
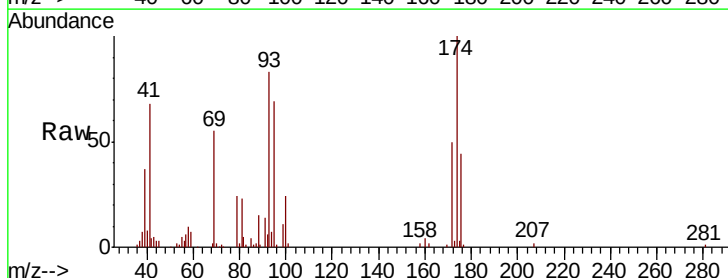
Manual Integrations
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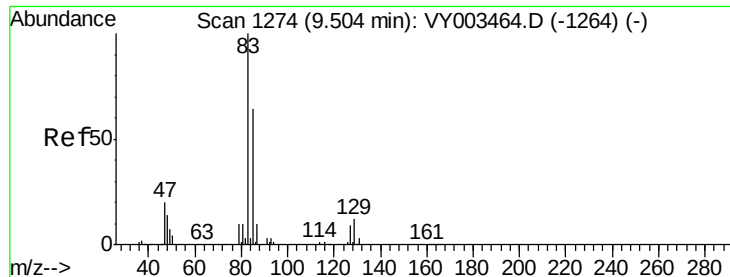
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 11/5/2020 7:01:52 PM



#46
 Dibromomethane
 Concen: 22.563 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.0	97.6
174	115.2	91.8	137.6





#47

Bromodichloromethane

Concen: 23.009 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

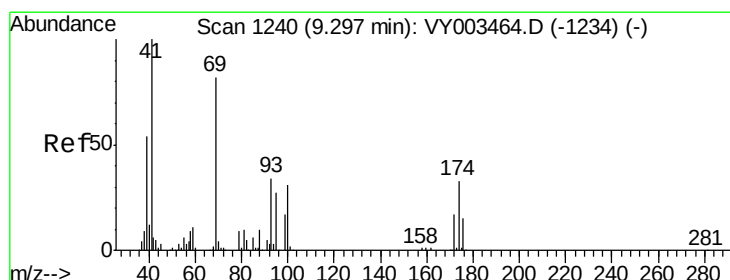
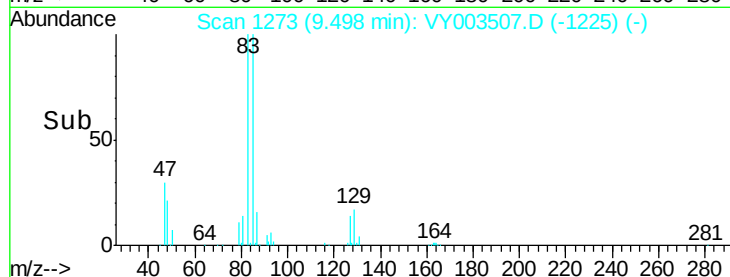
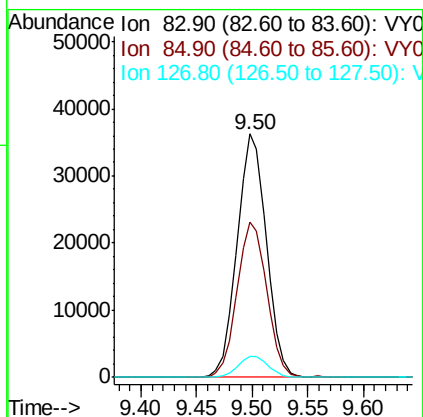
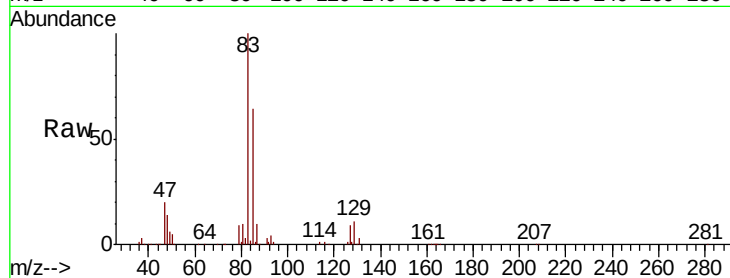
ClientSampleId :

VY1104SBS01

Tot Ion:	83	Resp:	66227
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.6
127	8.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.403 ug/l

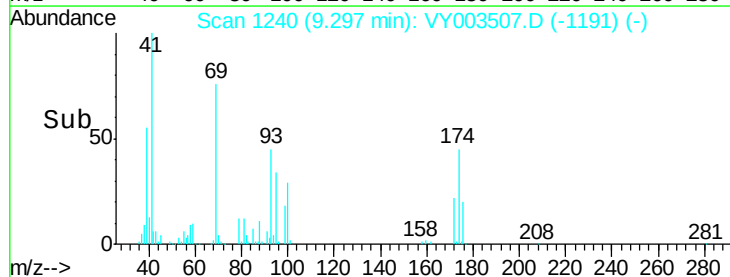
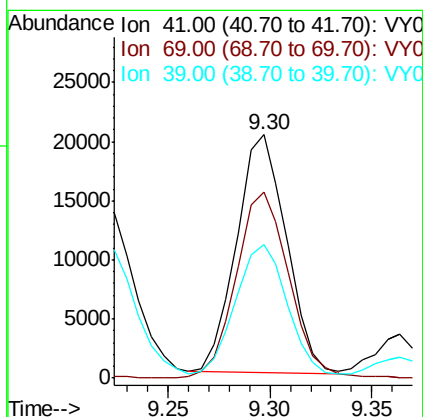
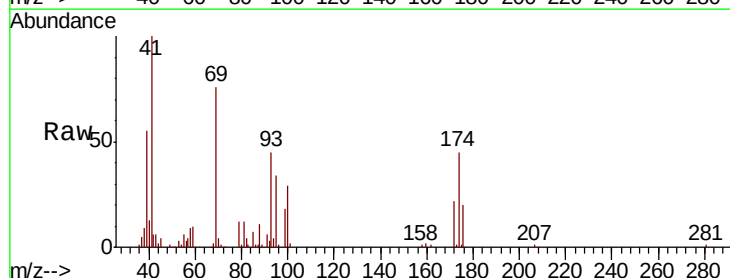
RT: 9.30 min Scan# 1240

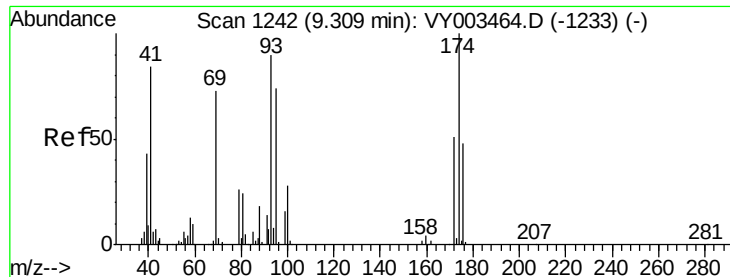
Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	41	Resp:	34220
Ion	Ratio	Lower	Upper
41	100		
69	83.0	65.9	98.9
39	59.7	43.2	64.8





#49

1,4-Dioxane

Concen: 401.141 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

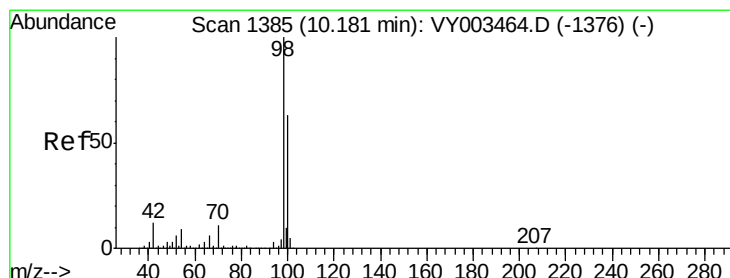
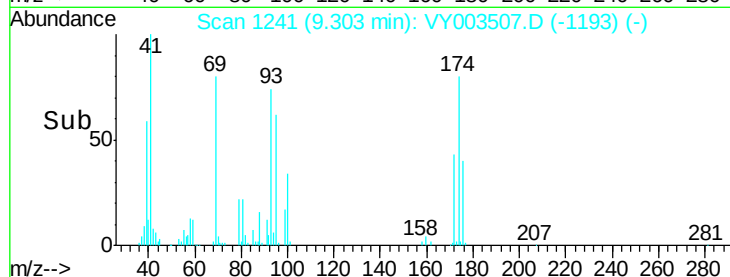
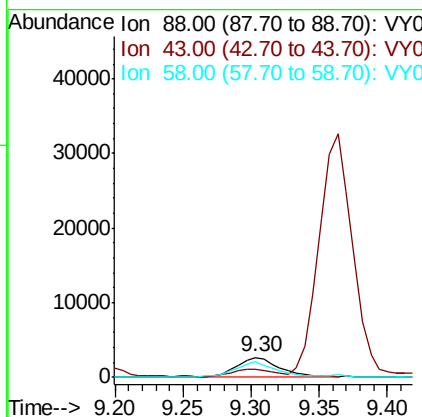
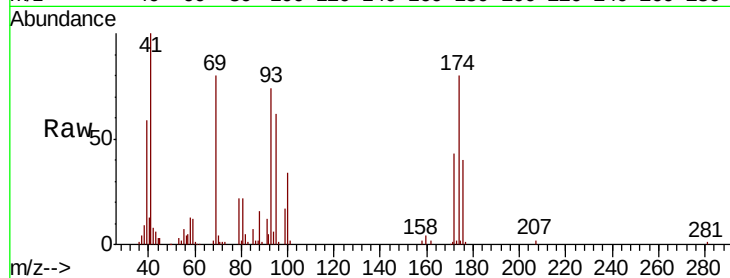
ClientSampleId :

VY1104SBS01

Tot Ion:	88	Resp:	5886
Ion	Ratio	Lower	Upper
88	100		
43	39.7	27.6	41.4
58	74.3	54.2	81.2

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#50

Toluene-d8

Concen: 50.026 ug/l

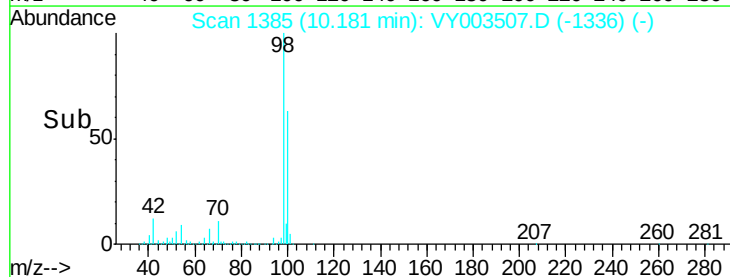
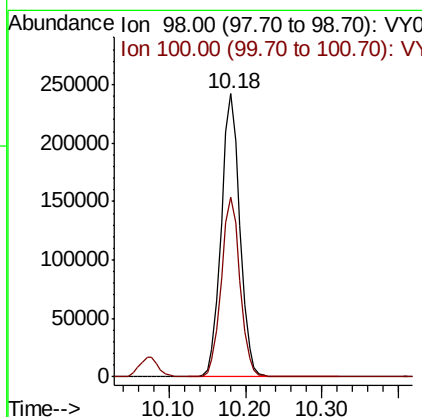
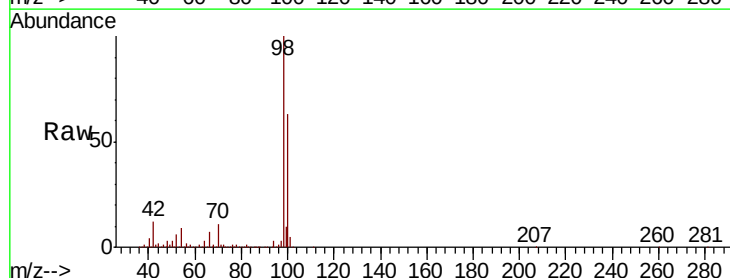
RT: 10.18 min Scan# 1385

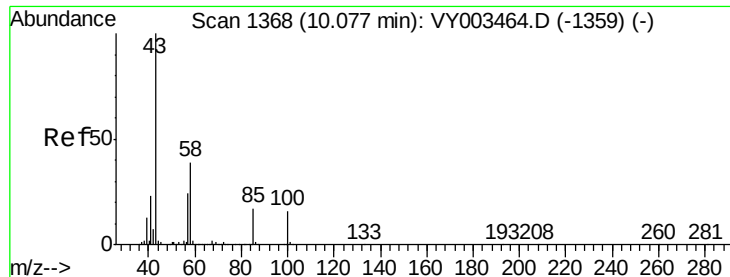
Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	98	Resp:	408531
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





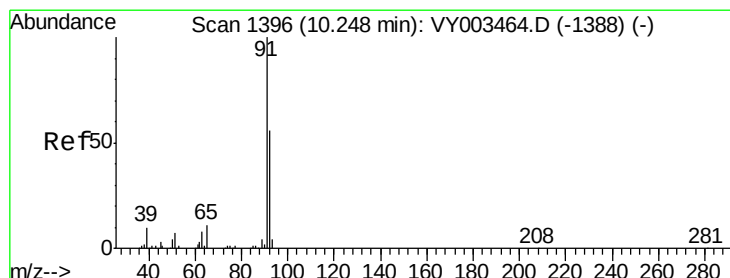
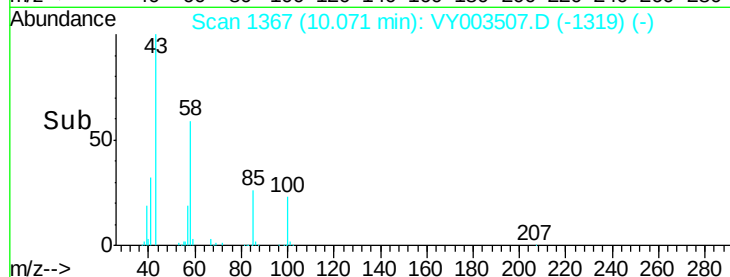
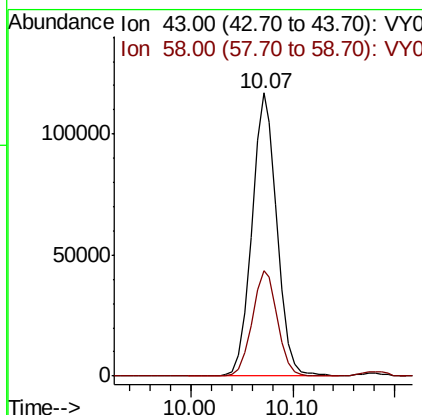
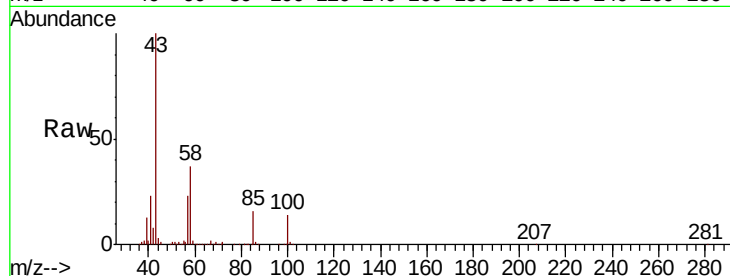
#51
4-Methyl-2-Pentanone
Concen: 110.523 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	43	Resp	199872
Ion Ratio	43	100	
Lower	58	37.6	31.0
Upper			46.4

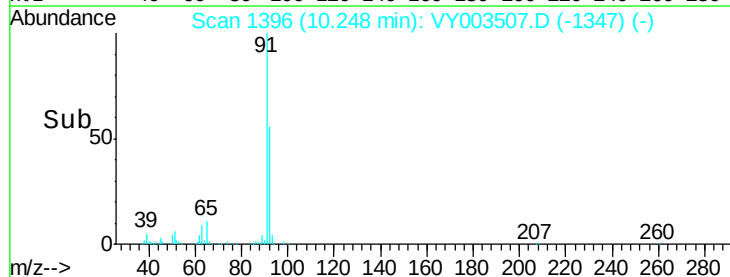
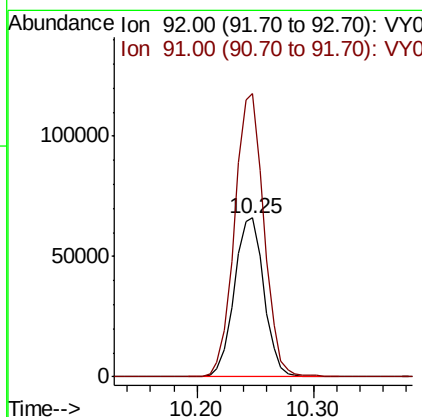
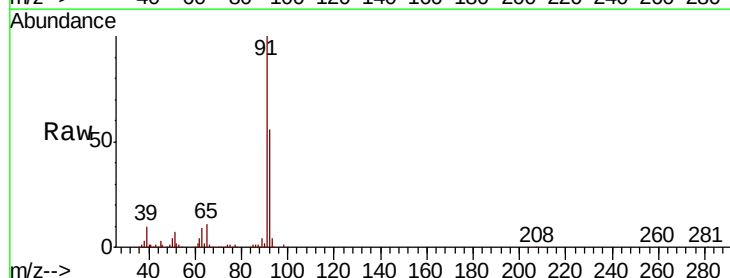
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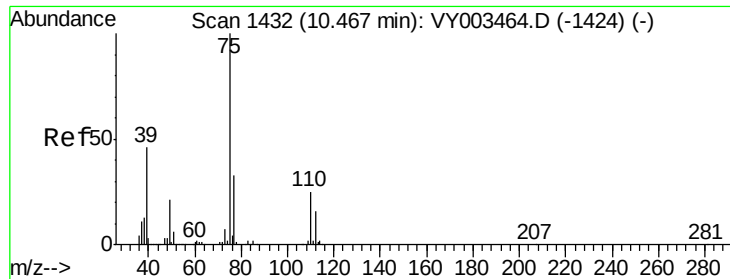
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#52
Toluene
Concen: 22.262 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	92	Resp	117856
Ion Ratio	92	100	
Lower	91	176.0	140.2
Upper			210.4





#53

t-1,3-Dichloropropene

Concen: 22.875 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 75 Resp: 70068

Ion Ratio Lower Upper

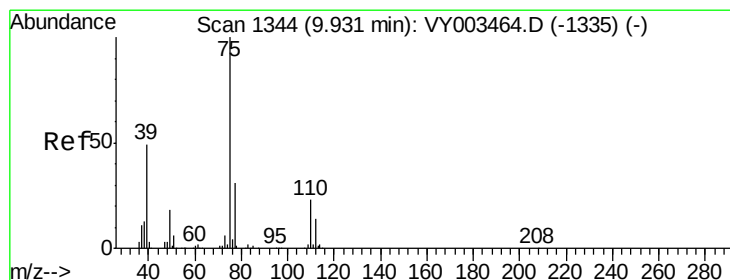
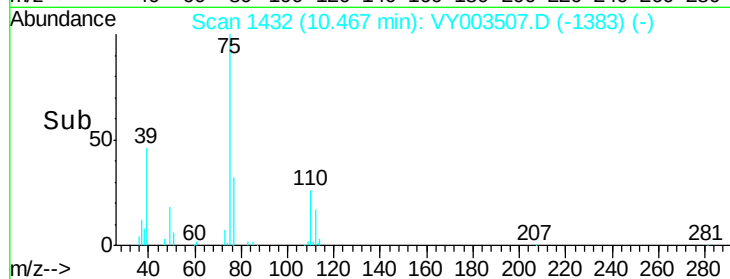
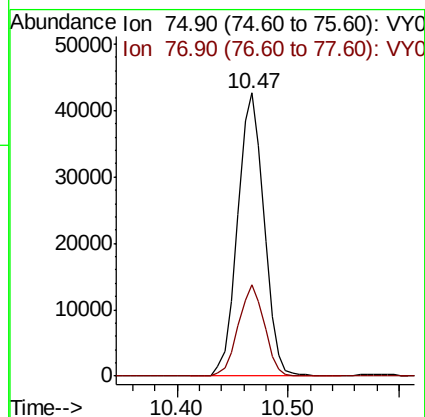
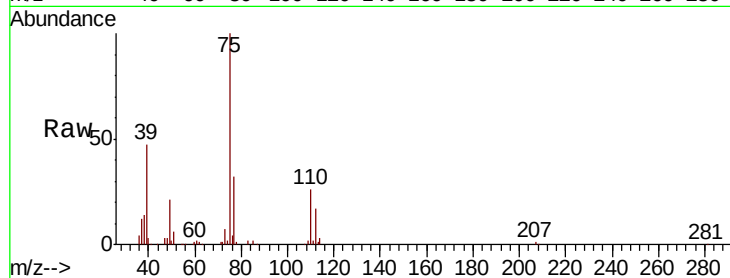
75 100

77 32.4 26.2 39.4

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 23.144 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

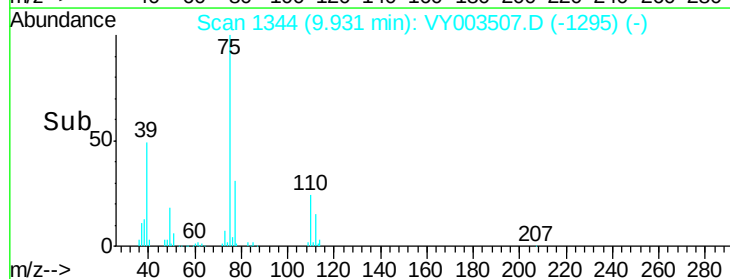
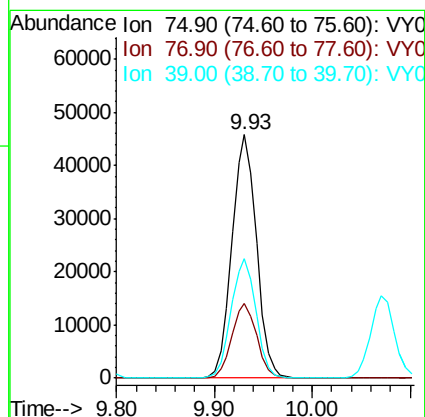
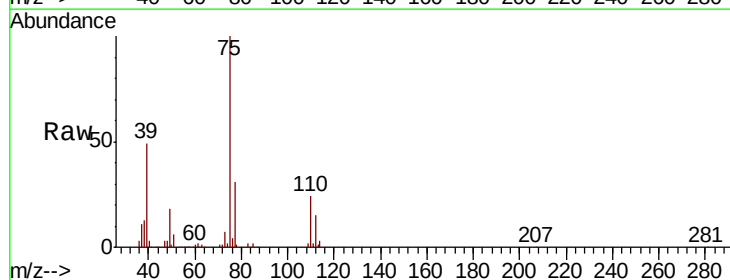
Tgt Ion: 75 Resp: 79772

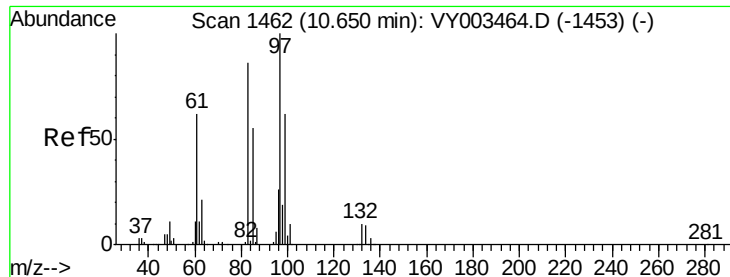
Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

39 49.1 39.0 58.4





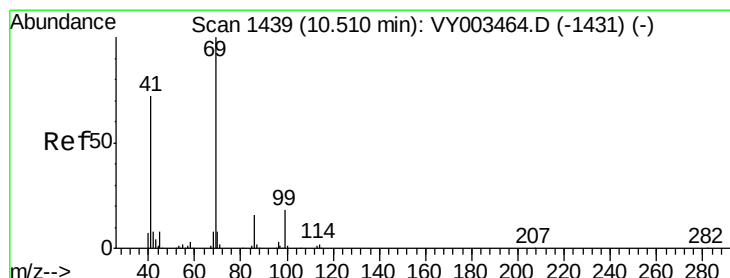
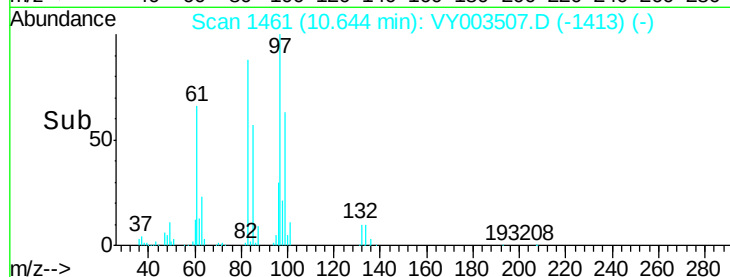
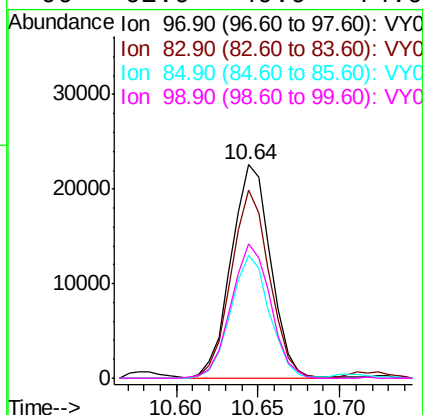
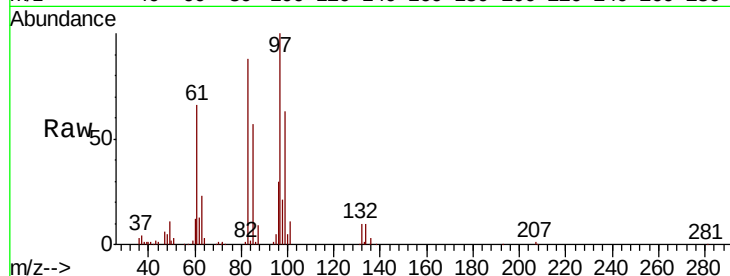
#55
 1,1,2-Trichloroethane
 Concen: 22.711 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion:	97	Resp:	37913
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.6	102.8
85	57.3	43.8	65.6
99	62.9	49.9	74.9

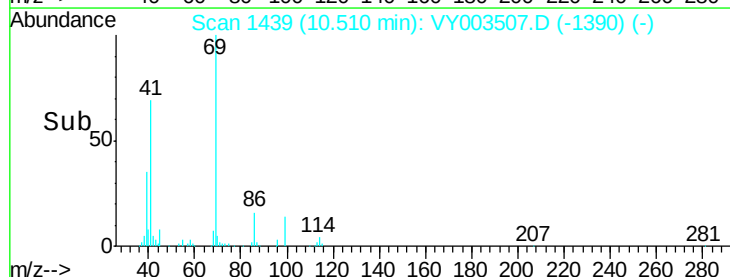
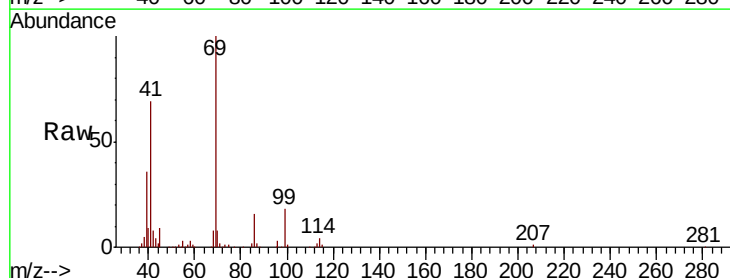
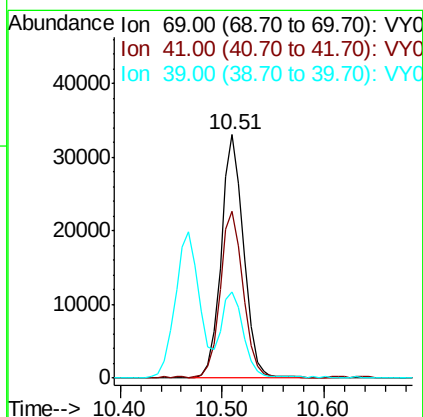
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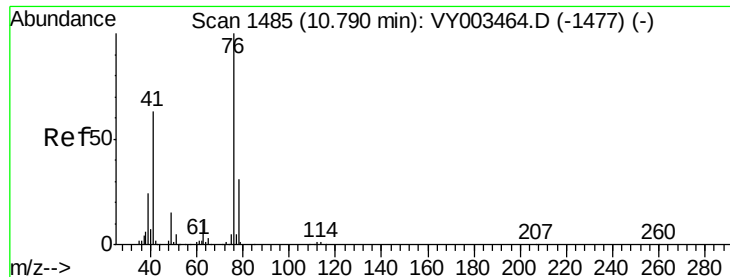
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#56
 Ethyl methacrylate
 Concen: 22.610 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion:	69	Resp:	50555
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.4	83.2
39	34.8	28.7	43.1





#57

1,3-Dichloropropane

Concen: 22.670 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBSD01

Tot Ion: 76 Resp: 65804

Ion Ratio Lower Upper

76 100

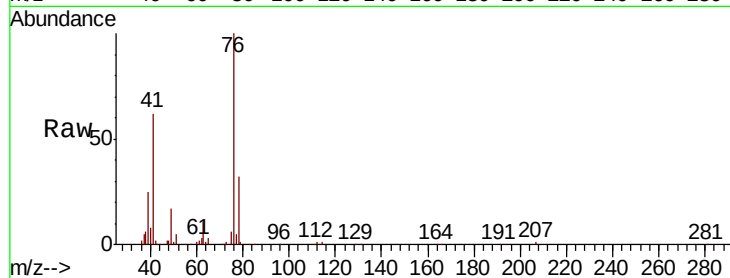
78 32.2 25.8 38.8

Manual Integrations

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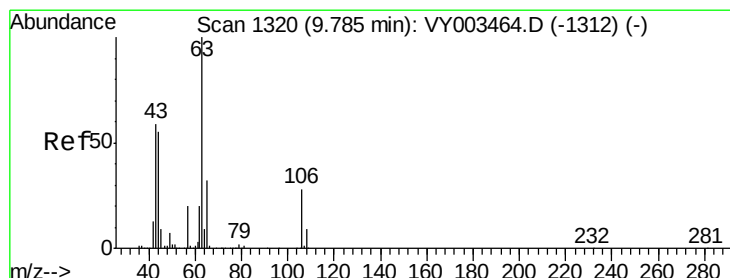
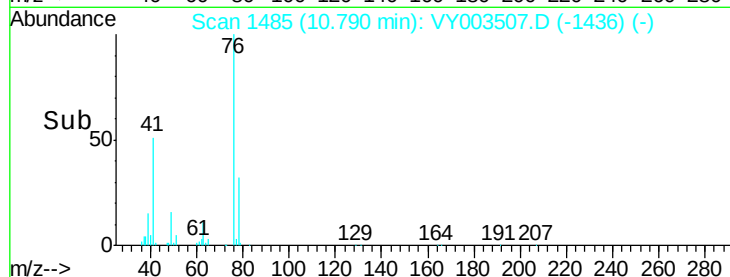
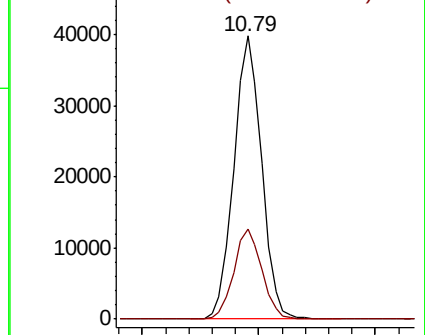
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 112.164 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003507.D

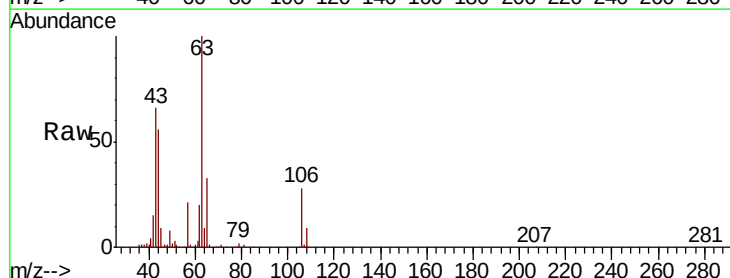
Acq: 04 Nov 2020 12:24

Tgt Ion: 63 Resp: 127139

Ion Ratio Lower Upper

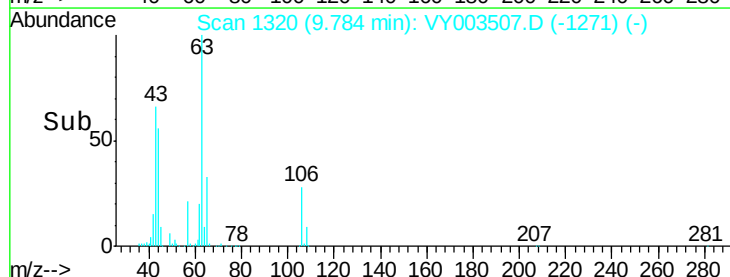
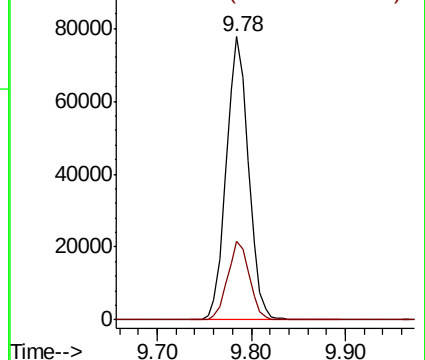
63 100

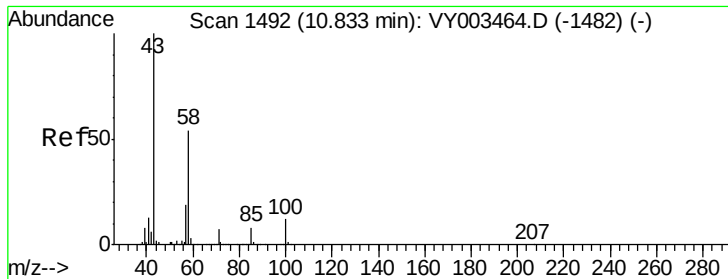
106 27.2 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





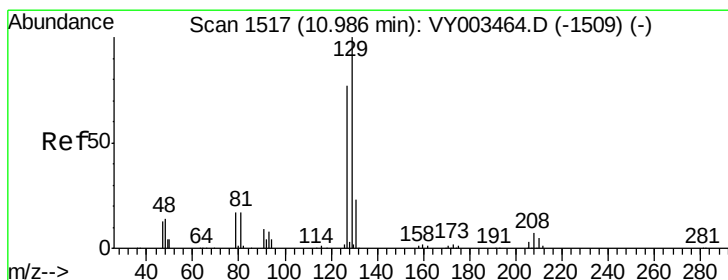
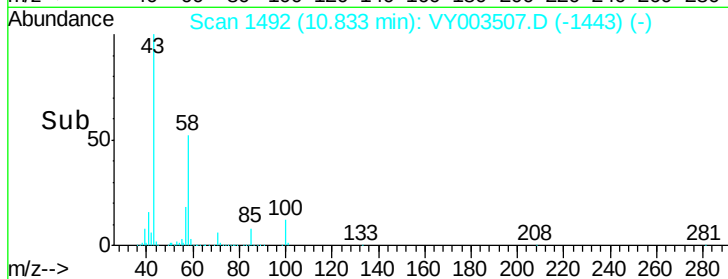
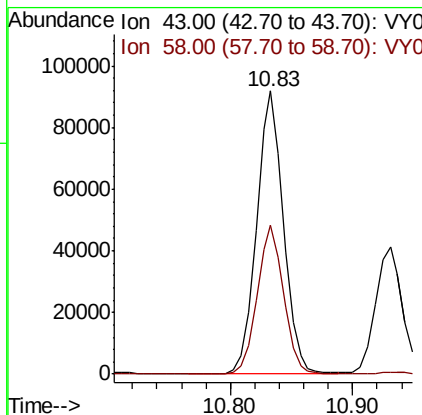
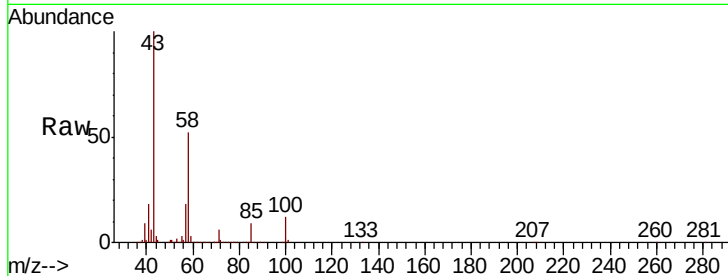
#59
2-Hexanone
Concen: 104.911 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	43	Resp	140472
Ion Ratio	43	100	
Lower	58	51.7	26.8
Upper			80.3

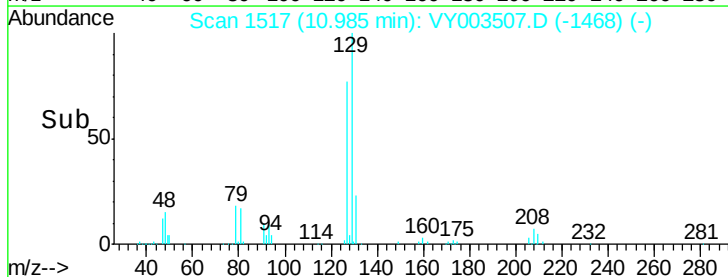
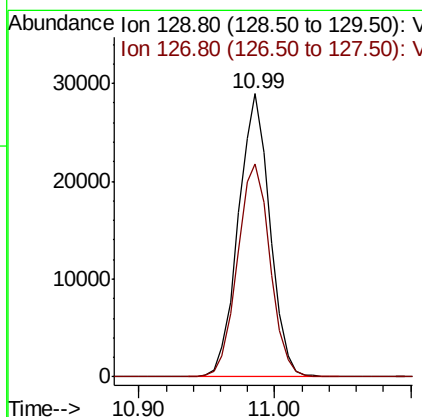
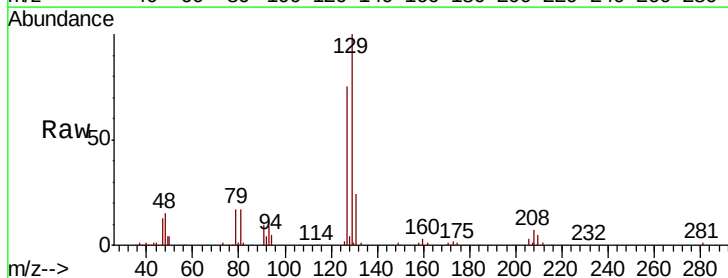
Manual Integrations
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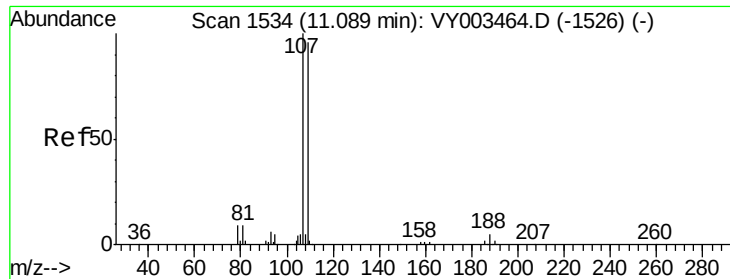
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#60
Dibromochloromethane
Concen: 22.803 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	129	Resp	46785
Ion Ratio	129	100	
Lower	127	77.7	38.8
Upper			116.3





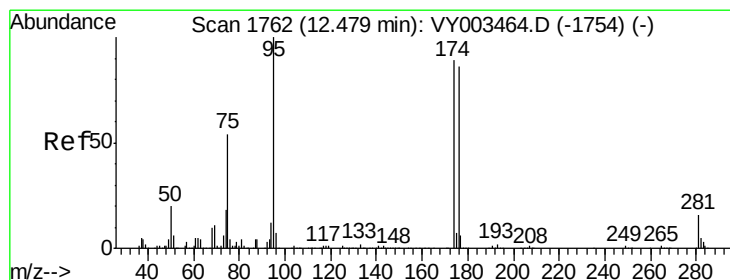
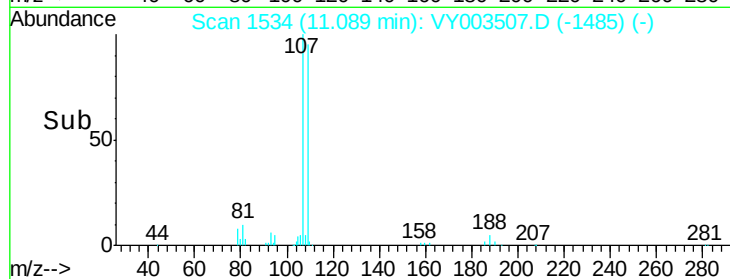
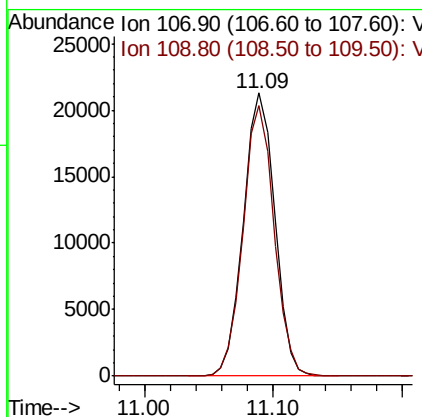
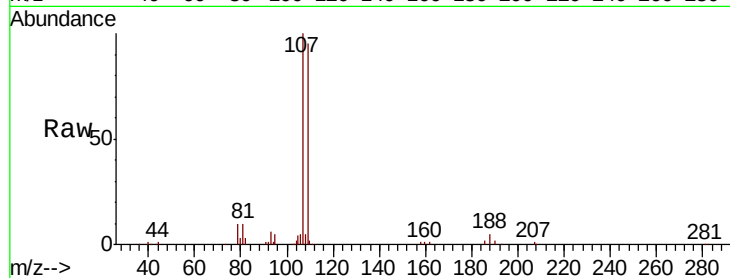
#61
 1,2-Dibromoethane
 Concen: 22.252 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.5	114.7

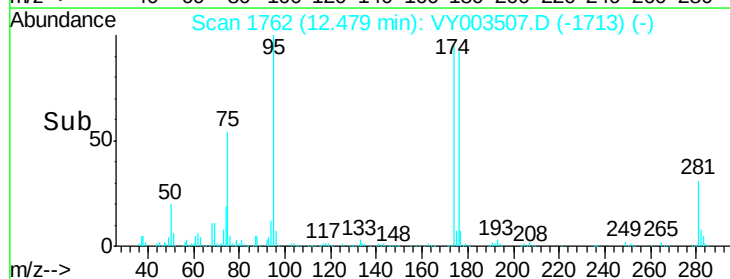
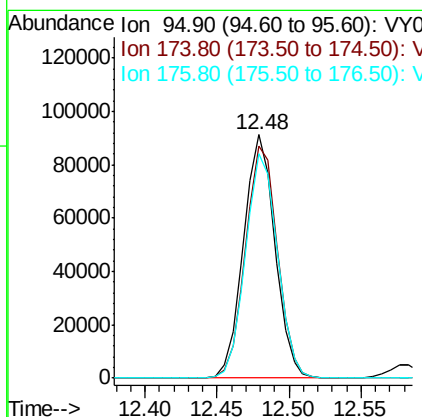
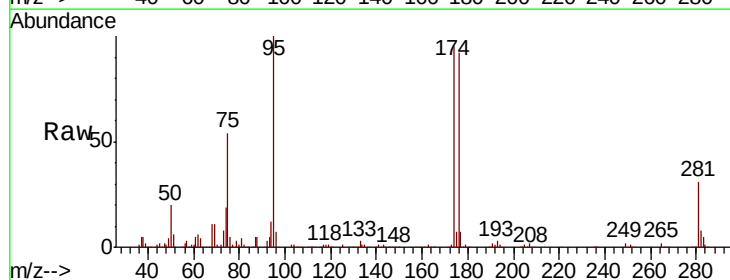
Manual Integrations
 APPROVED

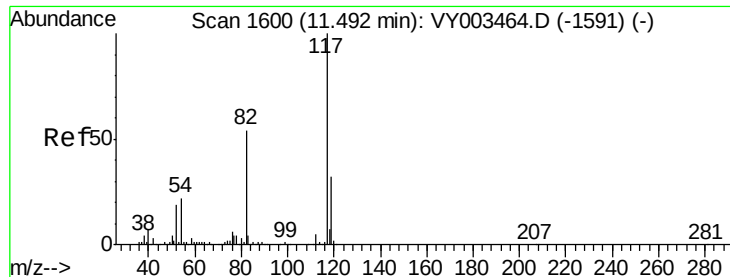
MMDadoda
 11/5/2020 7:01:52 PM



#62
 4-Bromofluorobenzene
 Concen: 50.909 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	193.0
176	93.5	0.0	187.4





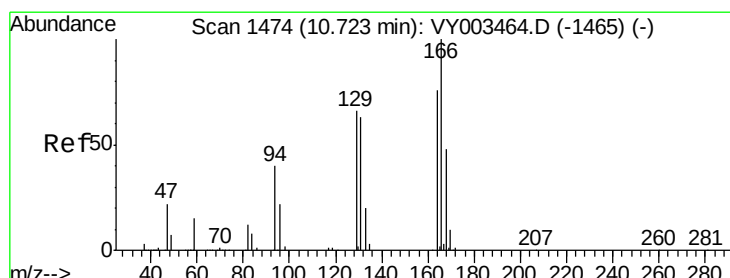
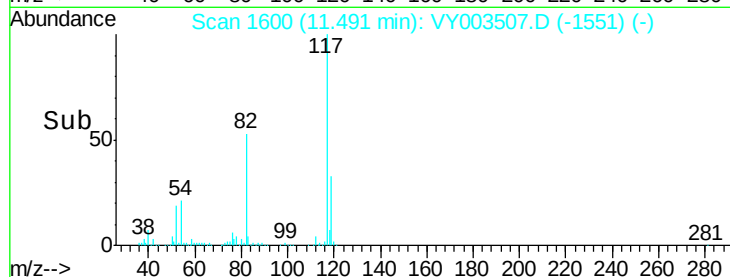
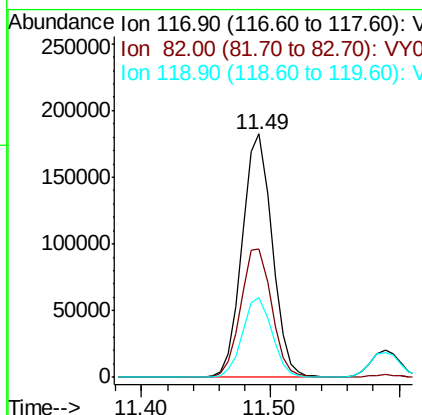
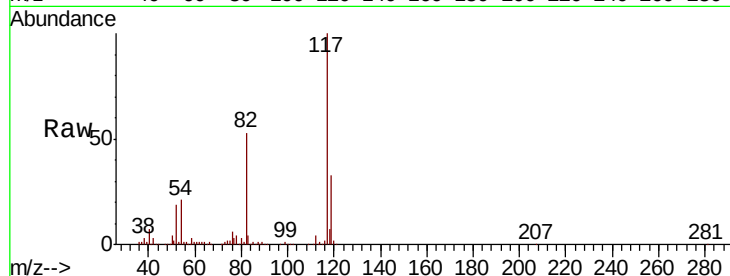
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	294147		
82	52.5	43.4	65.2	
119	32.8	25.8	38.6	

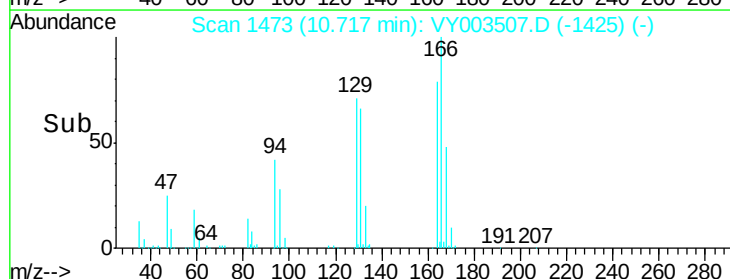
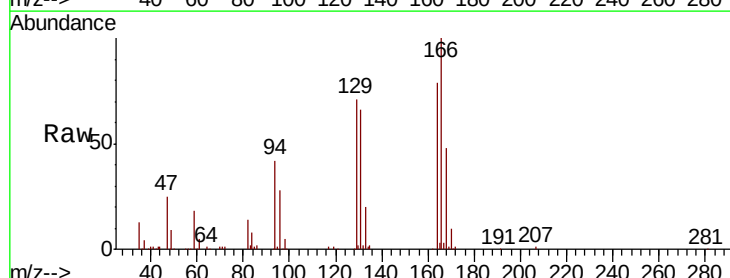
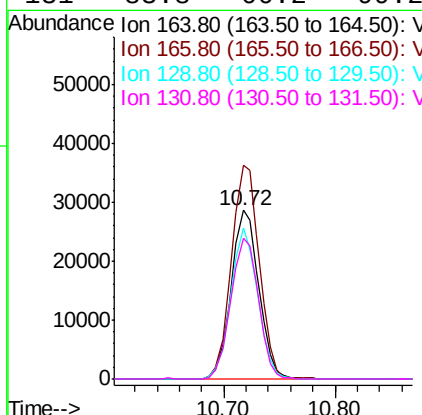
Manual Integrations
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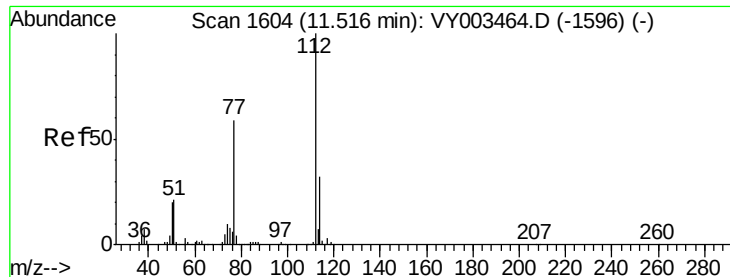
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#64
Tetrachloroethene
Concen: 22.359 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49117		
166	126.6	104.9	157.3	
129	89.7	68.9	103.3	
131	83.8	66.2	99.2	





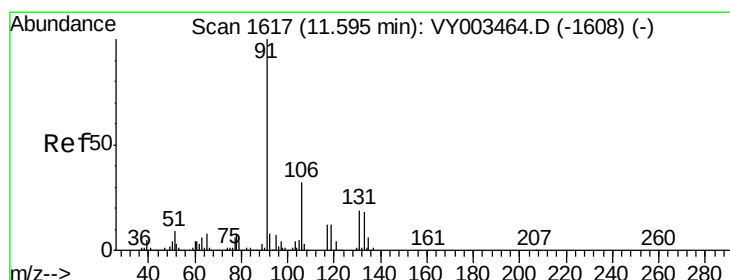
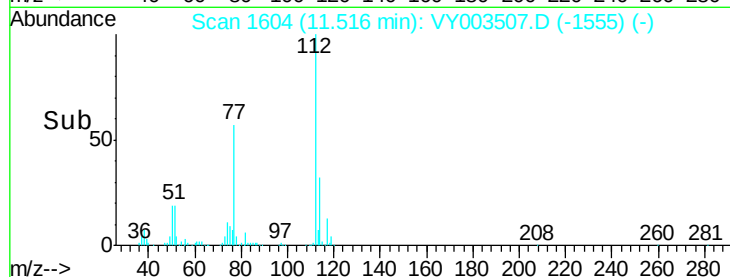
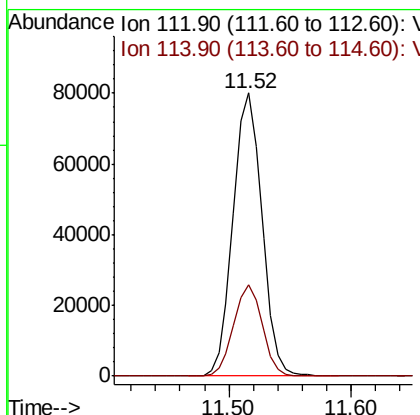
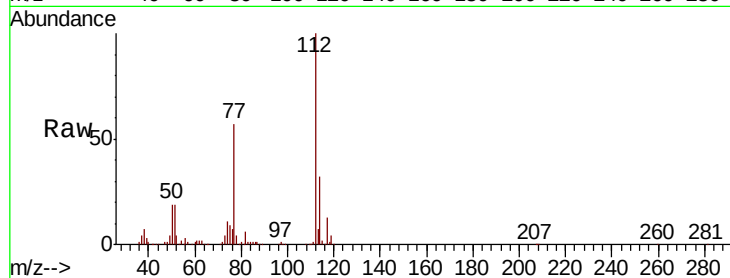
#65
Chlorobenzene
Concen: 22.933 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.5	38.3

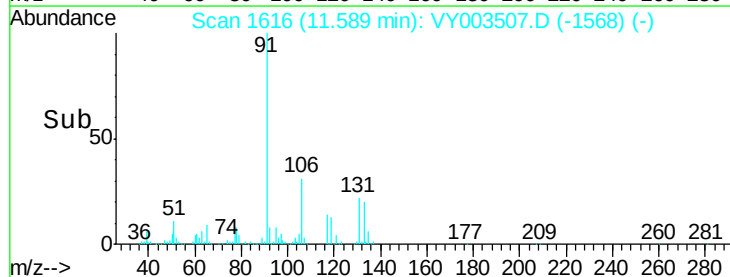
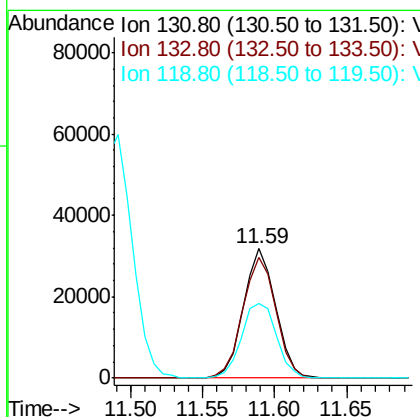
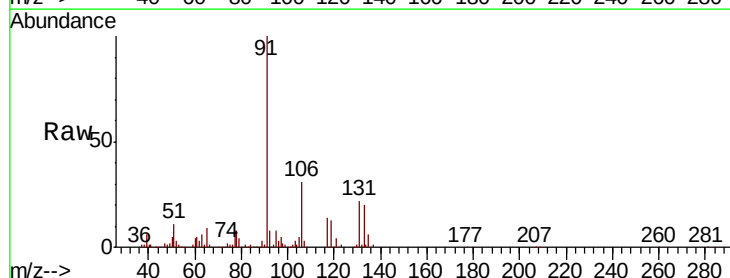
Manual Integrations
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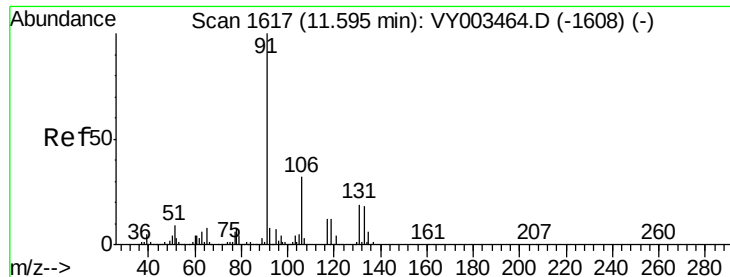
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.718 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.4	142.2
119	63.5	31.6	95.0





#67

Ethyl Benzene

Concen: 22.255 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 91 Resp: 230608

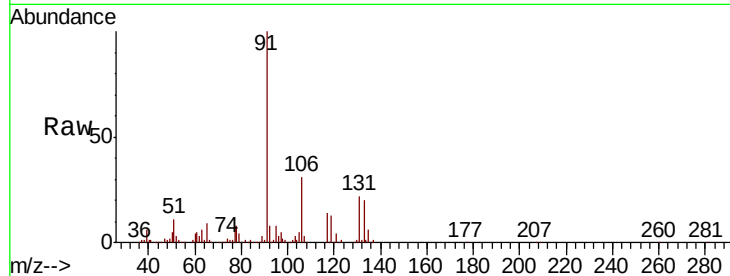
Ion Ratio Lower Upper

91 100

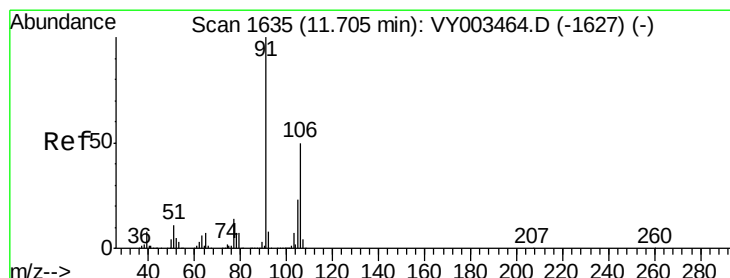
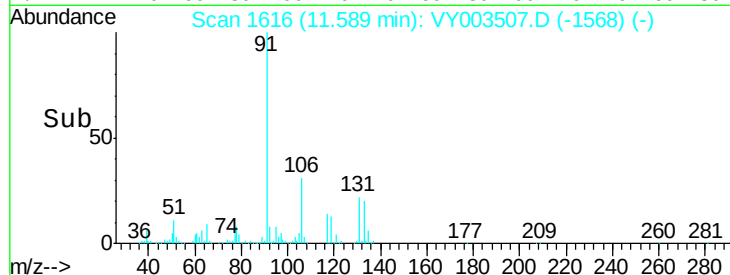
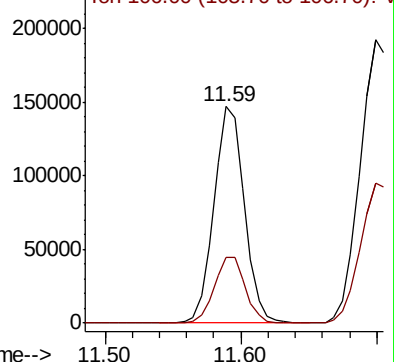
106 30.6 25.4 38.0

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1608) (-)



#68

m/p-Xylenes

Concen: 44.628 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003507.D

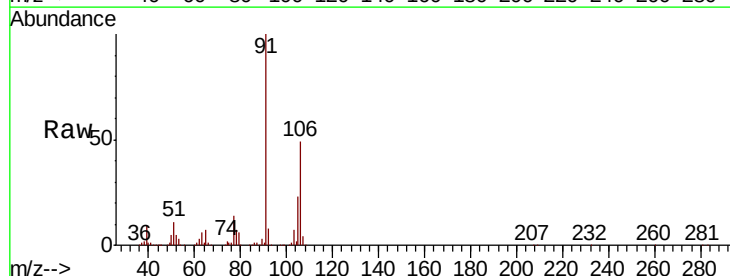
Acq: 04 Nov 2020 12:24

Tgt Ion: 106 Resp: 175244

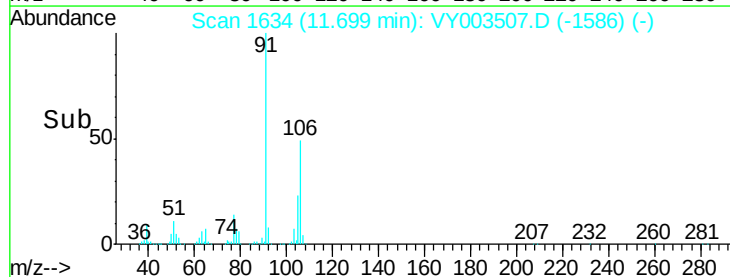
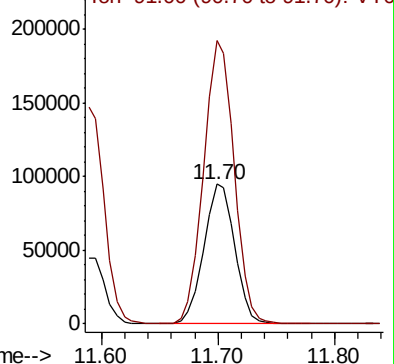
Ion Ratio Lower Upper

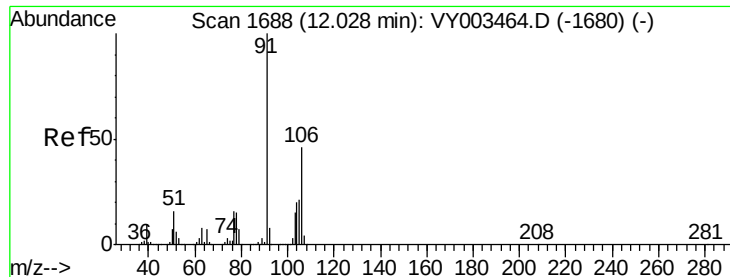
106 100

91 200.6 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VY003464.D (-1627) (-)





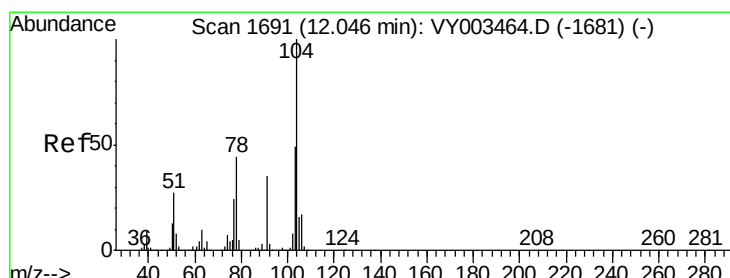
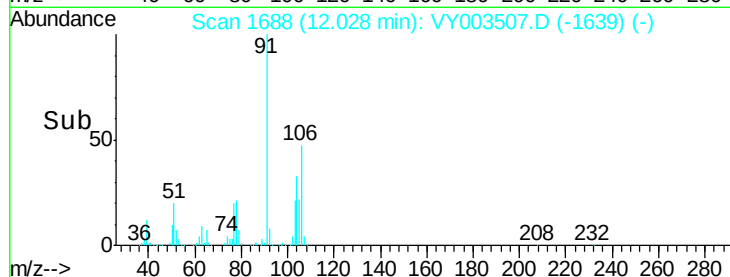
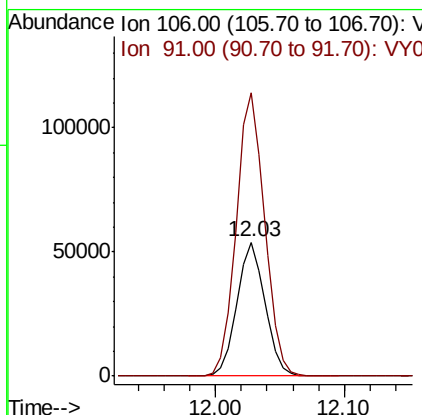
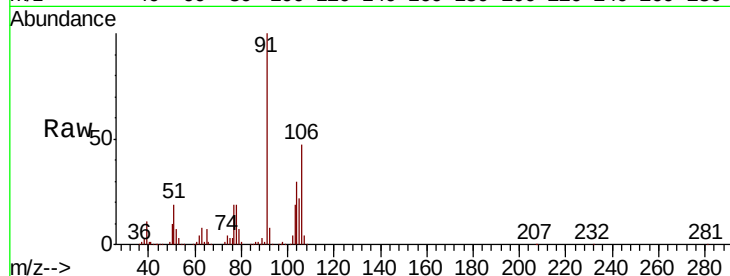
#69
o-Xylene
Concen: 22.539 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	81413		
91	91	214.1	105.5	316.5	

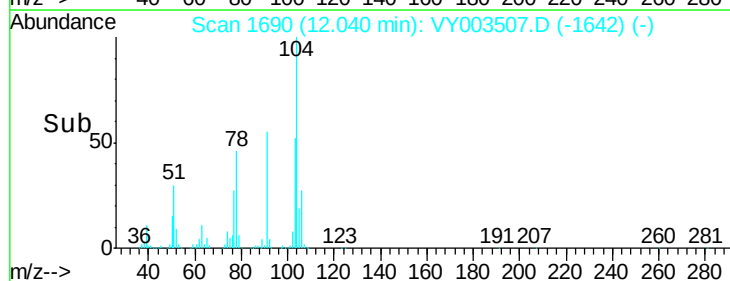
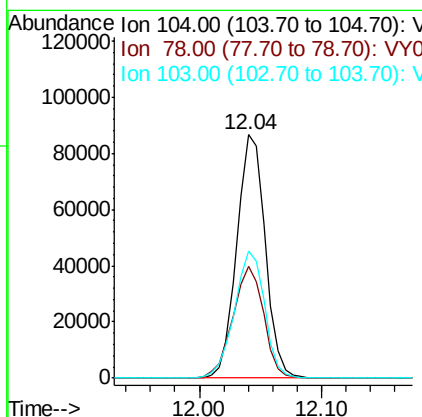
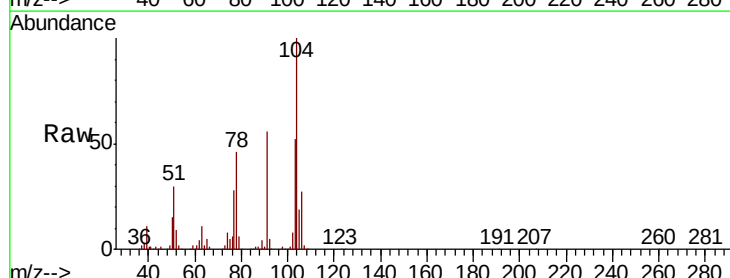
Manual Integrations
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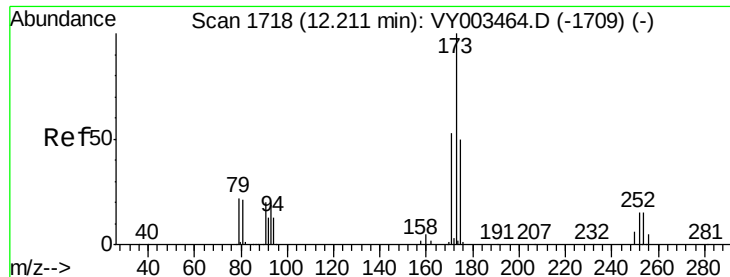
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#70
Styrene
Concen: 22.750 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	139531		
78	78	49.5	39.5	59.3	
103	103	55.5	44.2	66.2	





#71

Bromoform

Concen: 22.277 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion:173 Resp: 32001

Ion Ratio Lower Upper

173 100

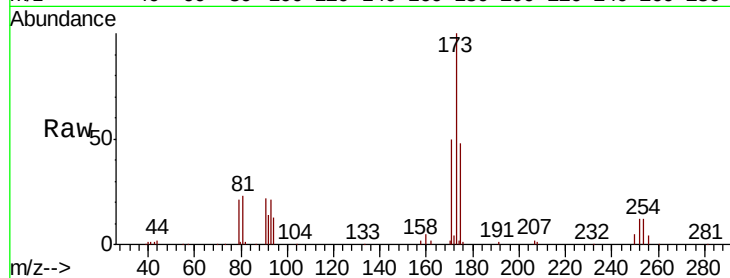
175 48.2 24.7 74.1

254 0.0 0.2 0.2#

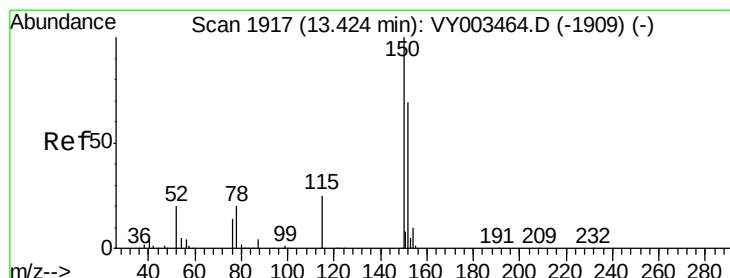
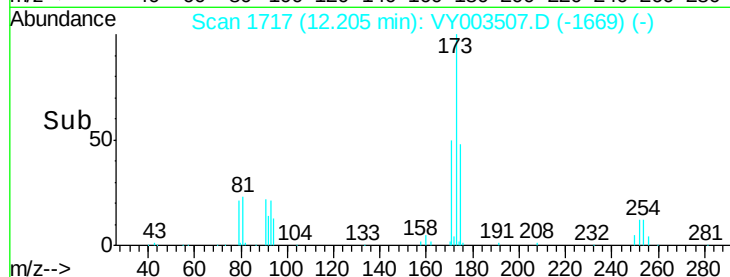
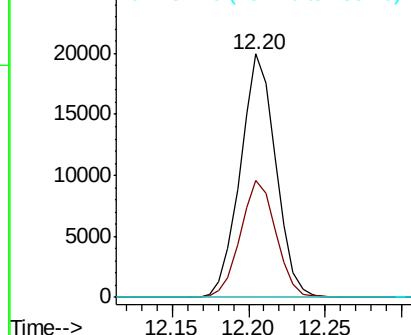
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

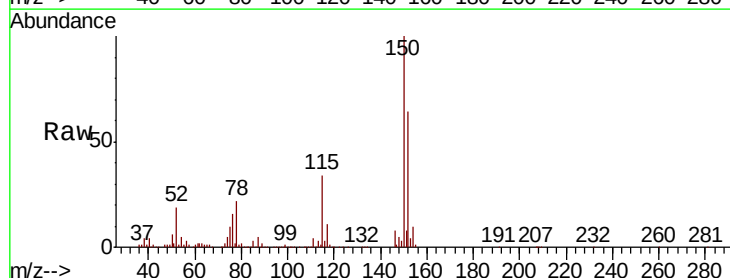
Tgt Ion:152 Resp: 158611

Ion Ratio Lower Upper

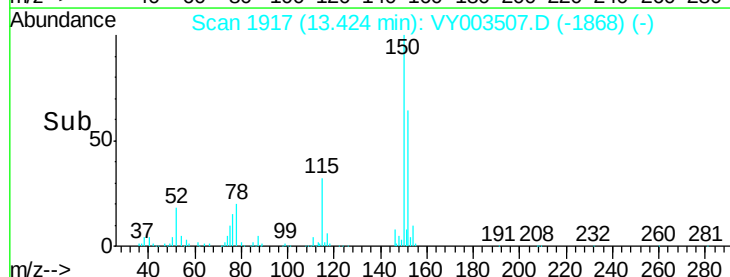
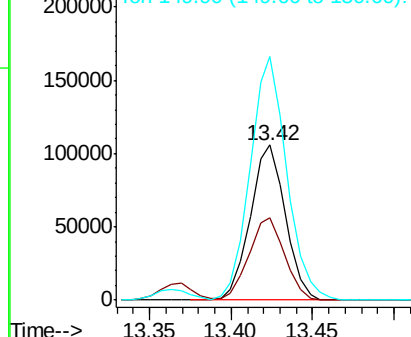
152 100

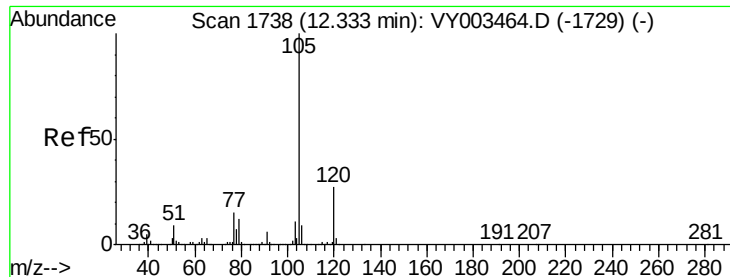
115 53.9 27.5 82.4

150 163.4 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





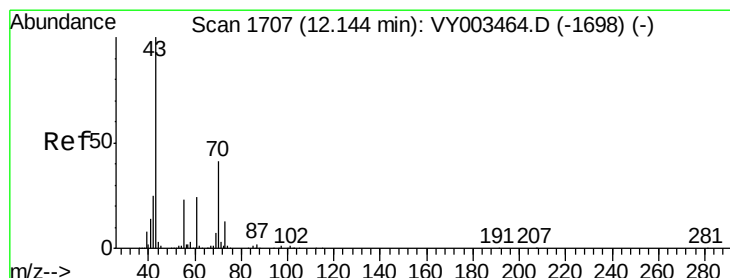
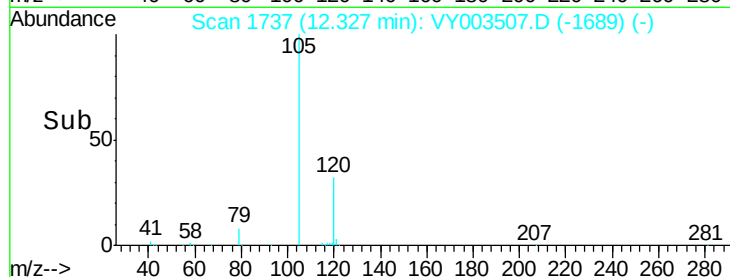
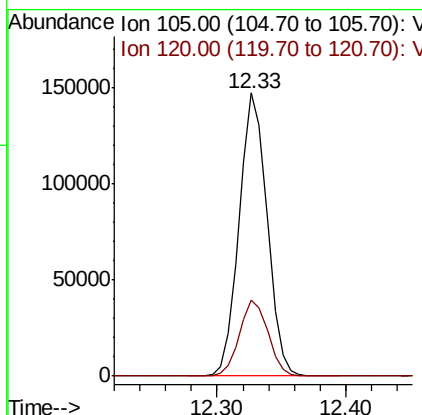
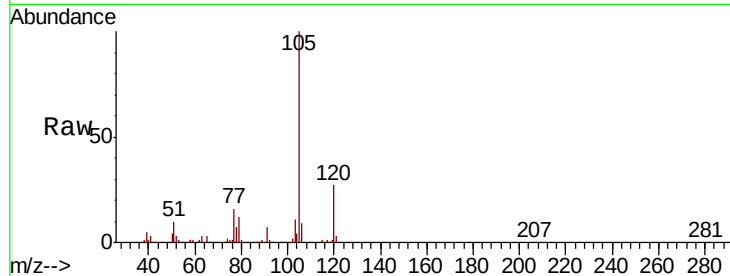
#73
Isopropylbenzene
Concen: 21.327 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.5

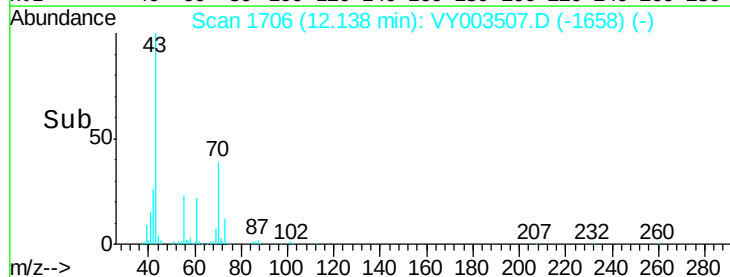
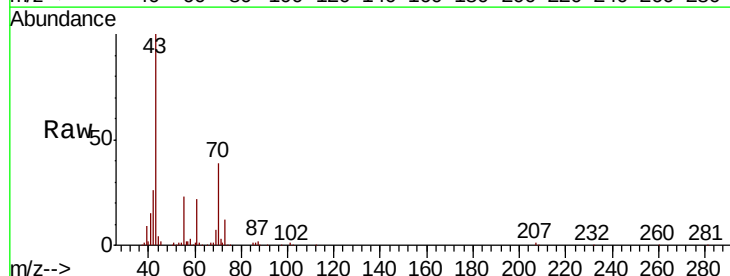
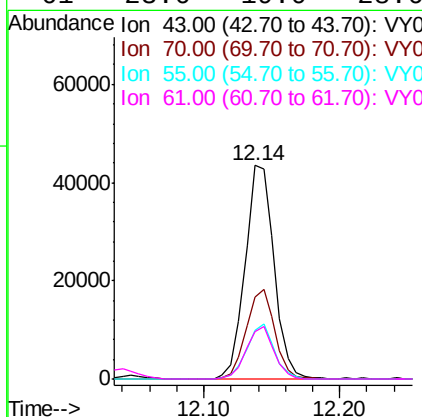
Manual Integrations
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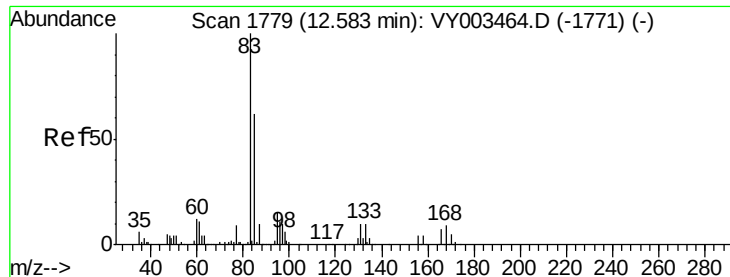
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#74
N-ethyl acetate
Concen: 22.042 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.4	33.1	49.7
55	24.5	19.2	28.8
61	23.6	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.879 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

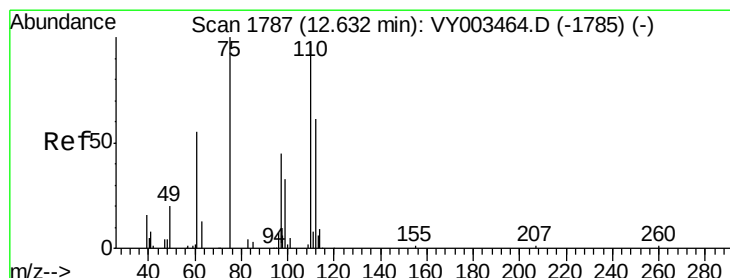
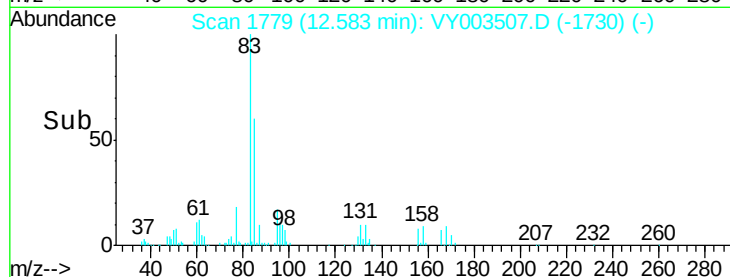
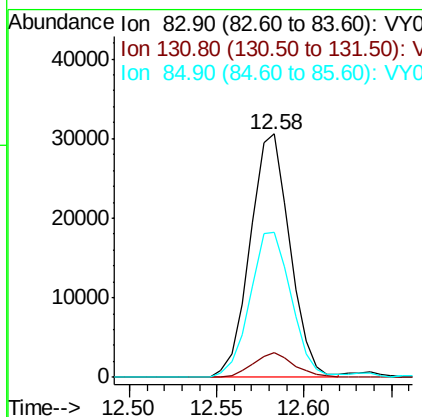
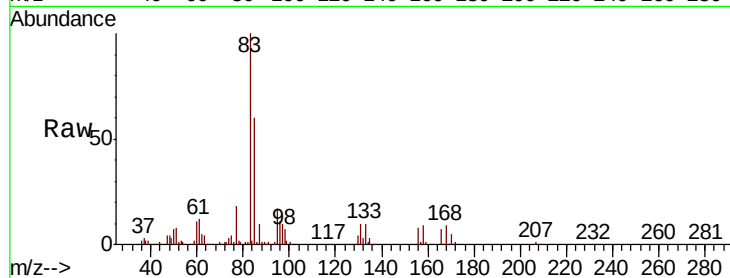
ClientSampleId :

VY1104SBS01

Tot Ion:	83	Resp:	48421
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	61.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.249 ug/l m

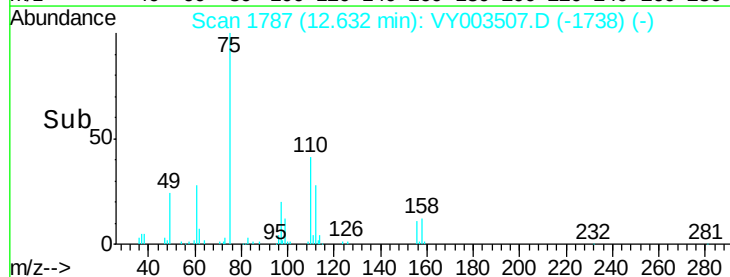
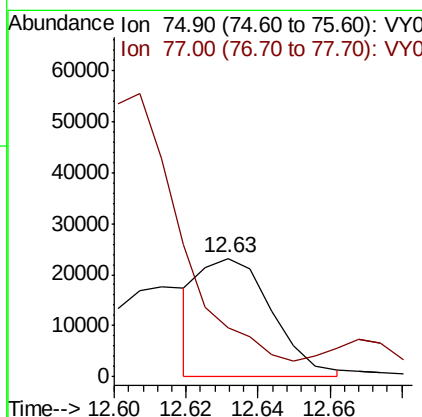
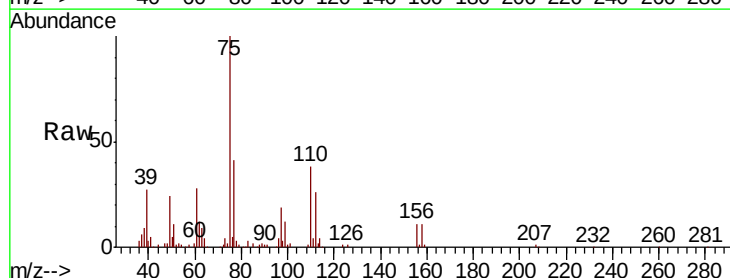
RT: 12.63 min Scan# 1787

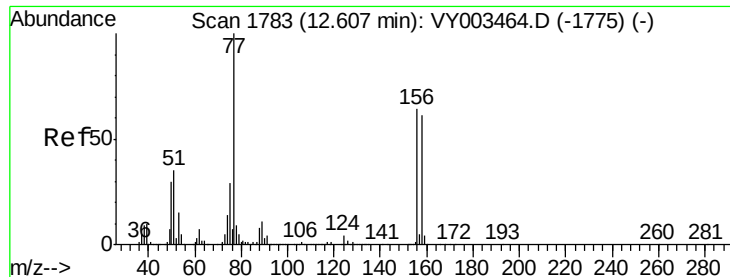
Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	75	Resp:	32304
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.229 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

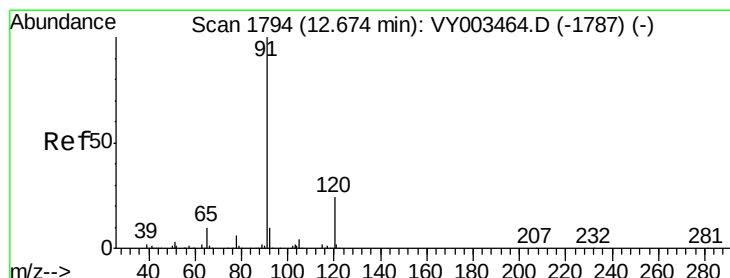
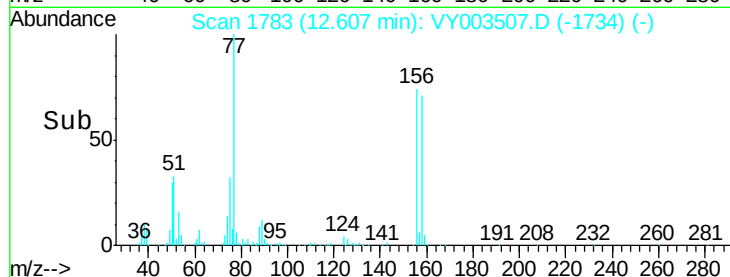
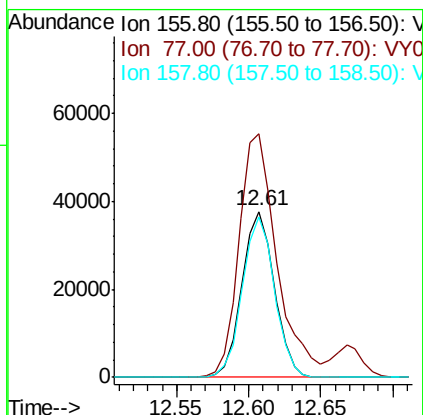
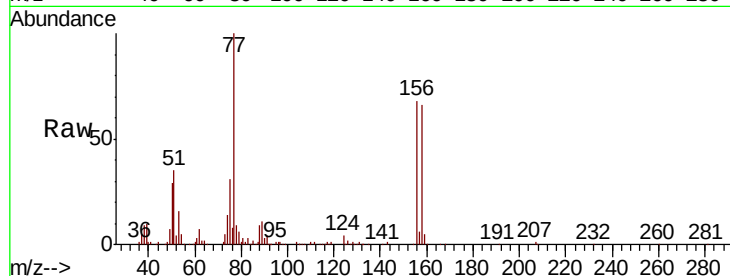
ClientSampleId :

VY1104SBS01

Tot Ion:	156	Resp:	58516
Ion	Ratio	Lower	Upper
156	100		
77	172.3	87.0	260.9
158	96.1	48.7	146.1

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#78

n-propylbenzene

Concen: 21.668 ug/l

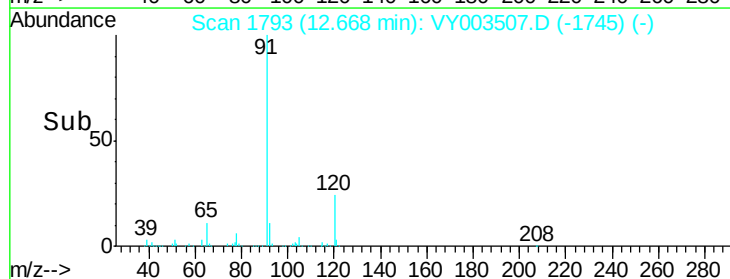
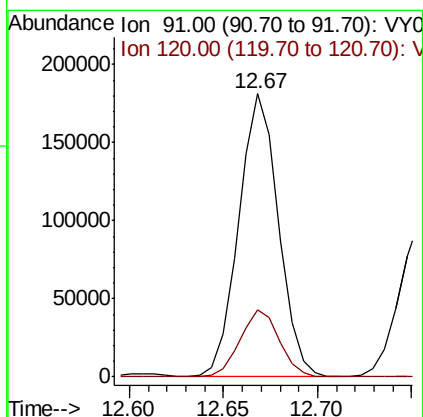
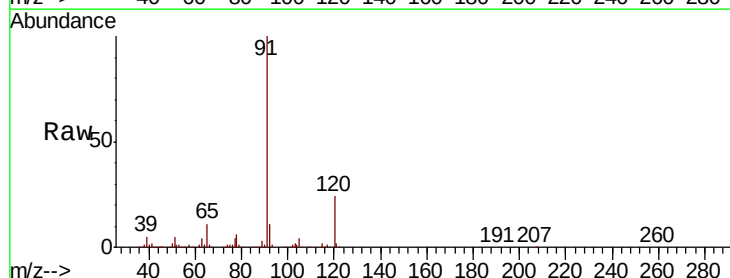
RT: 12.67 min Scan# 1793

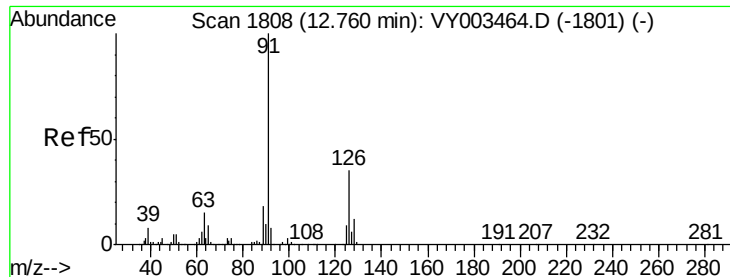
Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Tgt Ion:	91	Resp:	264442
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.7	35.1





#79

2-Chlorotoluene

Concen: 21.849 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion: 91 Resp: 148979

Ion Ratio Lower Upper

91 100

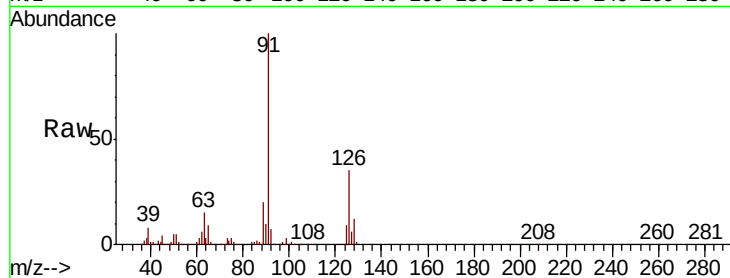
126 35.6 17.8 53.3

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Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY003464.D (-1801) (-)

150000

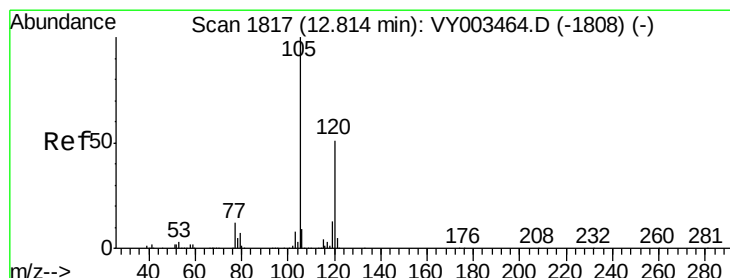
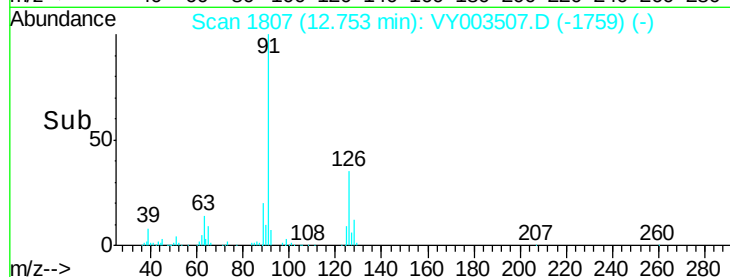
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.350 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003507.D

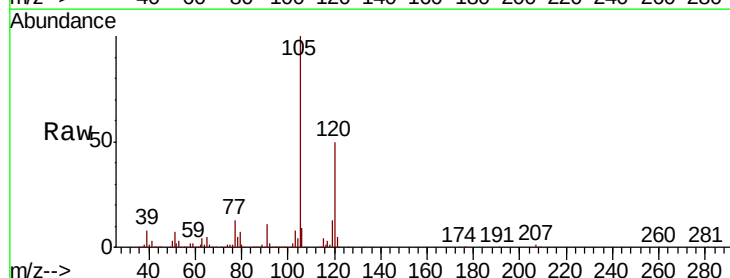
Acq: 04 Nov 2020 12:24

Tgt Ion: 105 Resp: 191865

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY003464.D (-1808) (-)

150000

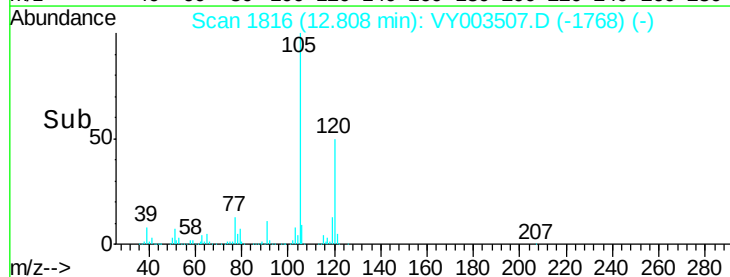
100000

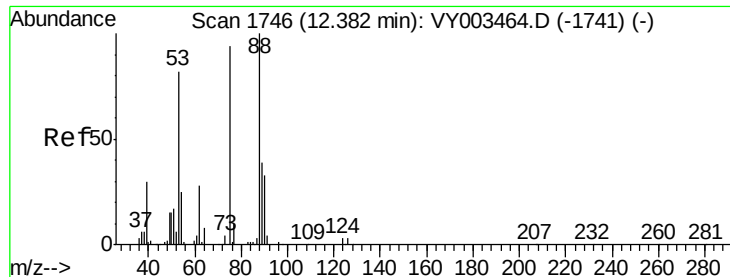
50000

0

12.80 12.81 12.82

Time-->





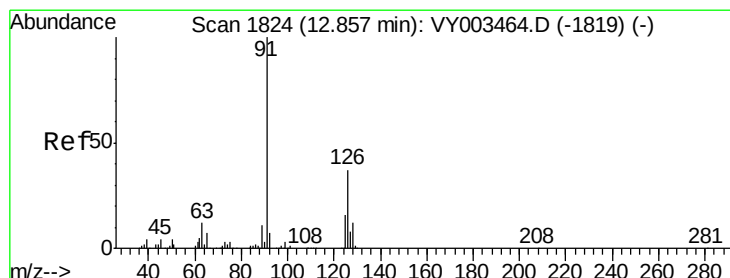
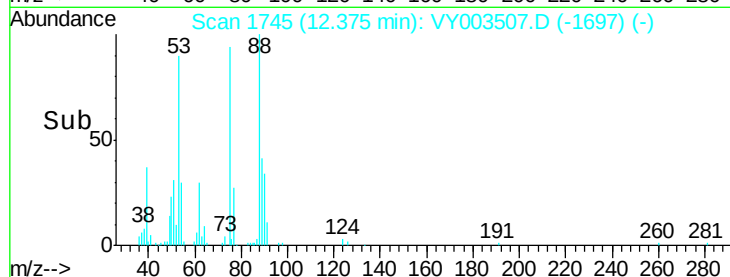
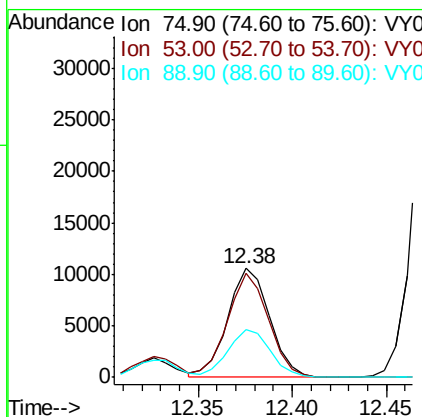
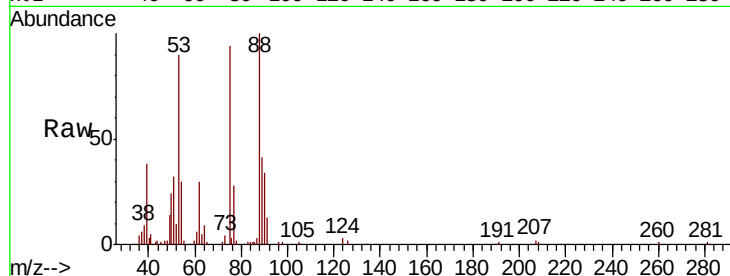
#81
trans-1,4-Dichloro-2-butene
Concen: 20.316 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	74.7	112.1
89	44.4	35.8	53.8

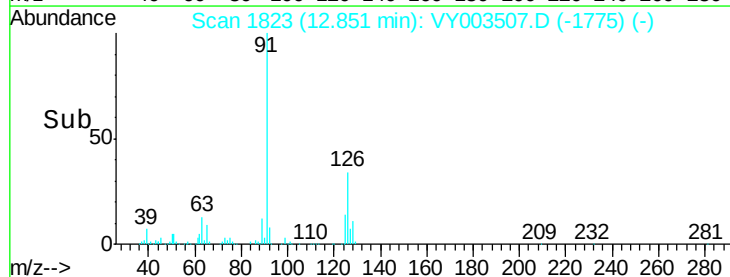
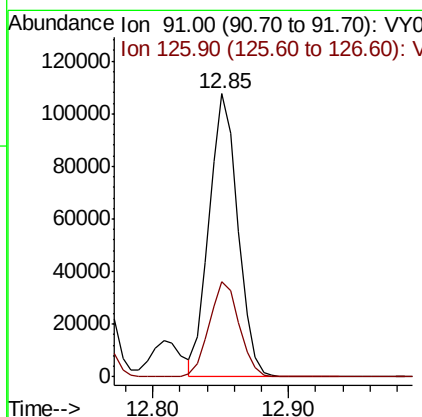
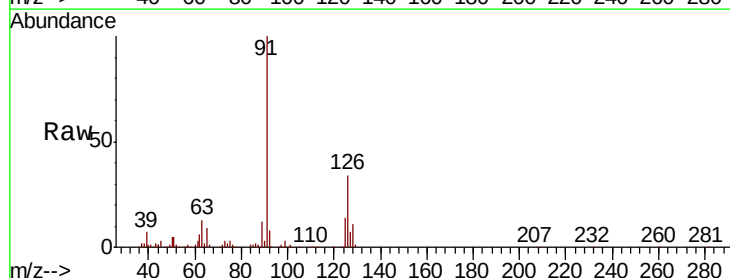
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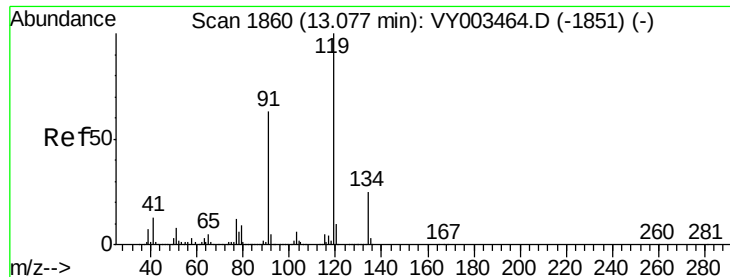
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#82
4-Chlorotoluene
Concen: 22.046 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.6	52.8





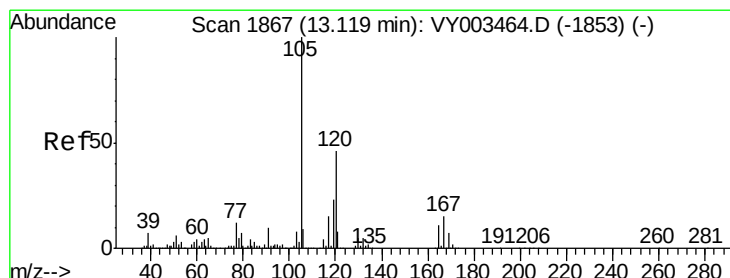
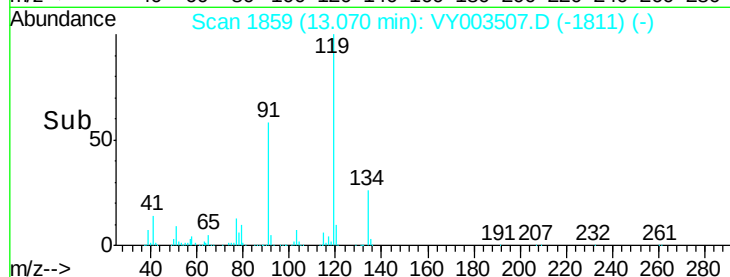
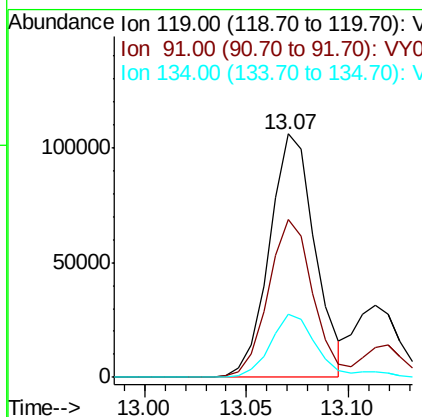
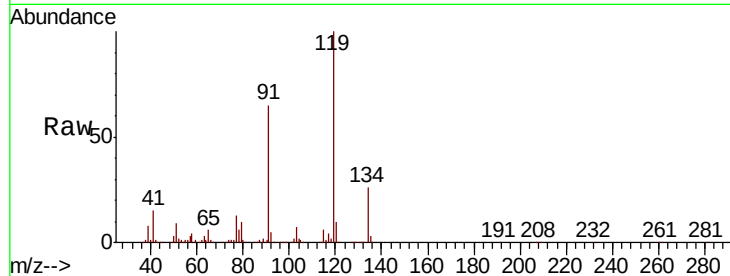
#83
 tert-Butylbenzene
 Concen: 21.647 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	31.1	93.2
134	27.4	13.4	40.1

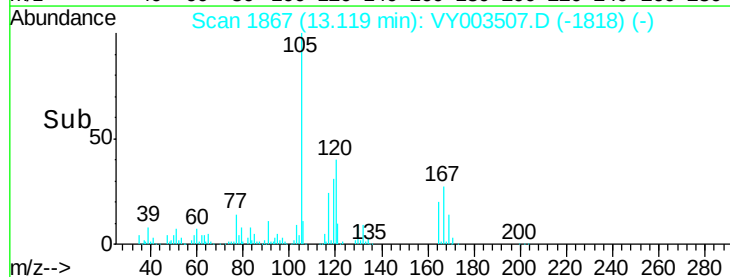
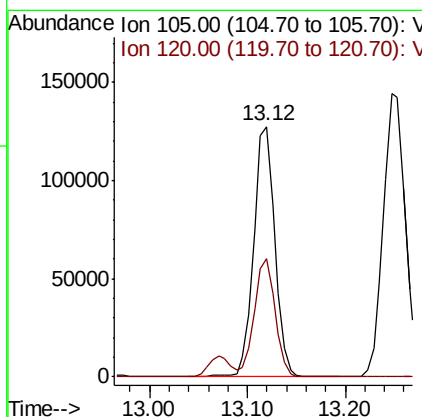
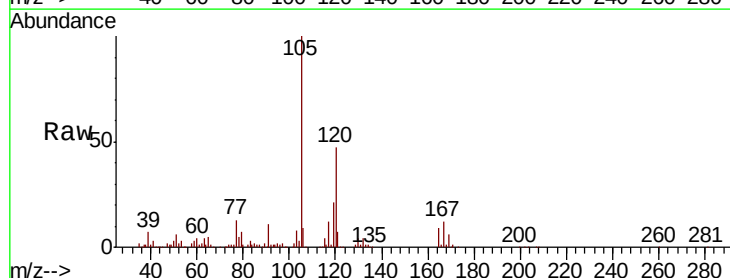
Manual Integrations
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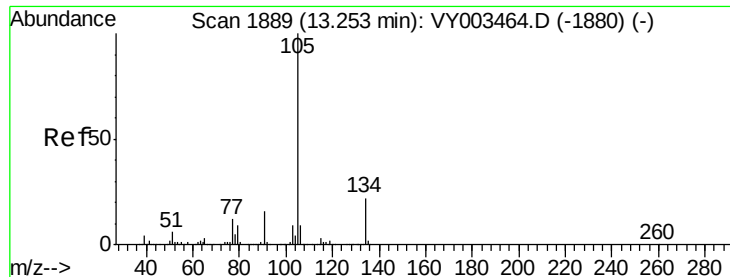
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.281 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85

sec-Butylbenzene

Concen: 21.738 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

Tot Ion:105 Resp: 224096

Ion Ratio Lower Upper

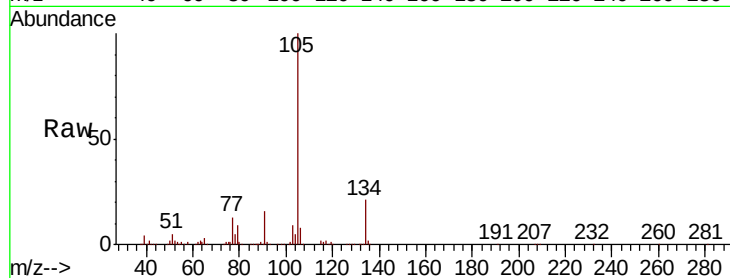
105 100

134 21.5 10.6 31.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

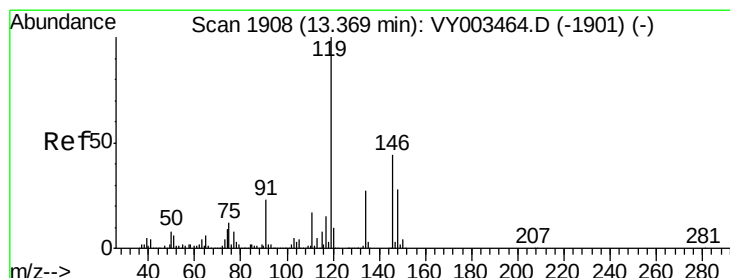
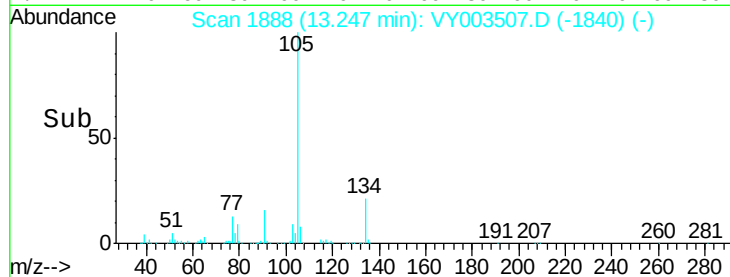
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.993 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003507.D

Acq: 04 Nov 2020 12:24

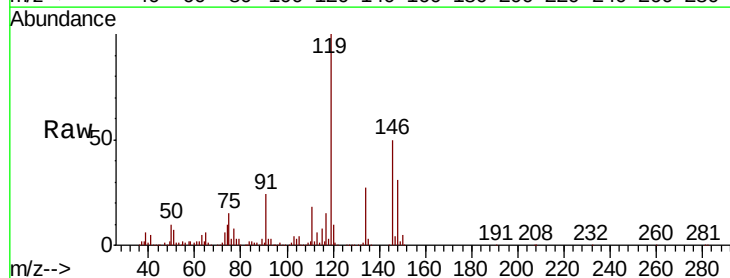
Tgt Ion:119 Resp: 210270

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.9 11.4 34.2



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

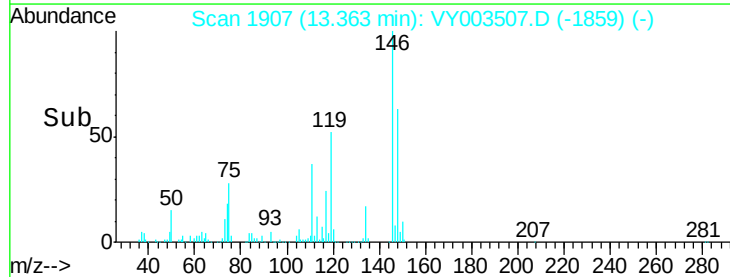
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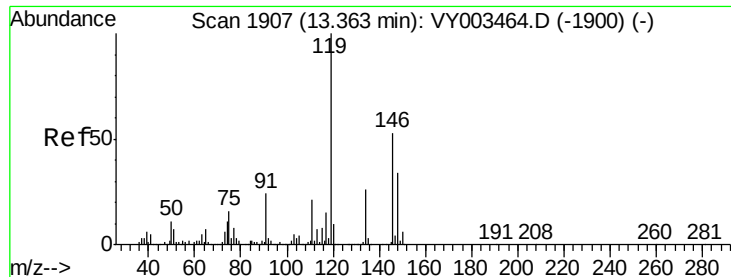
50000

0

13.30 13.35 13.40

Time-->





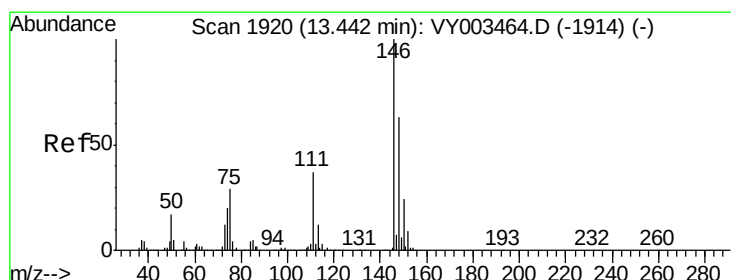
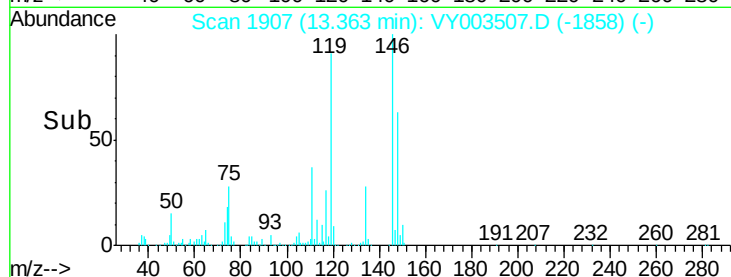
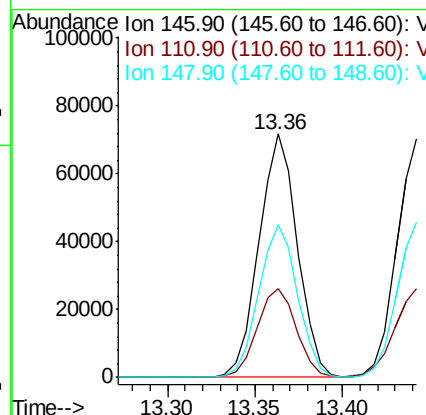
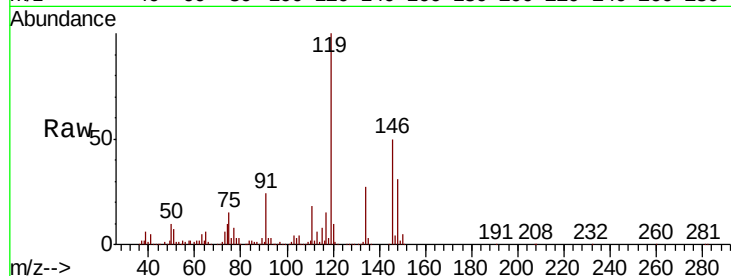
#87
 1,3-Dichlorobenzene
 Concen: 22.464 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	63.5	32.4	97.0

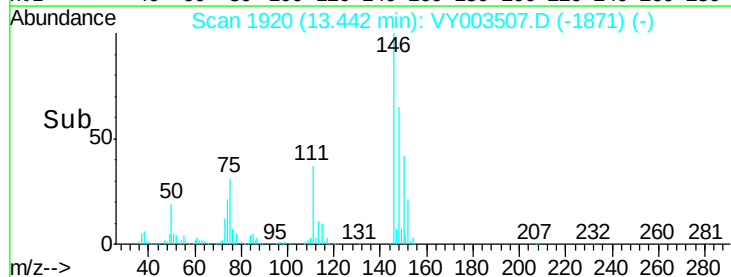
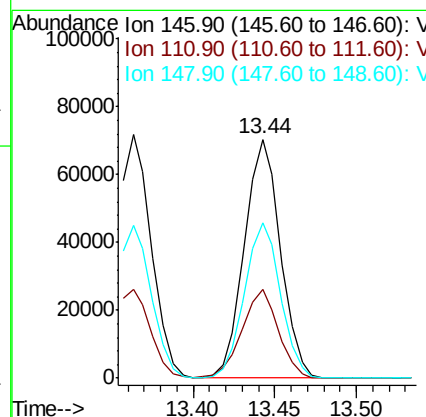
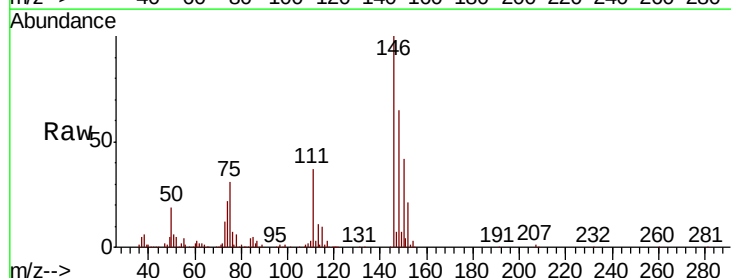
Manual Integrations
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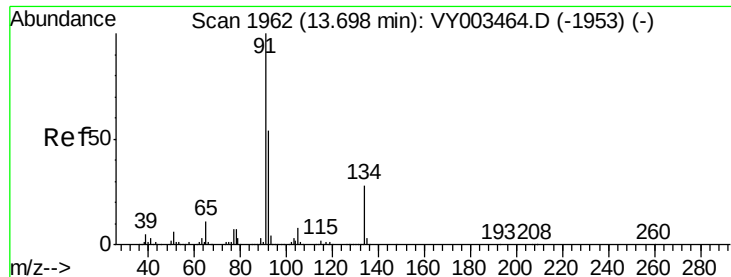
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#88
 1,4-Dichlorobenzene
 Concen: 22.232 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.3	54.8
148	65.4	32.0	96.0





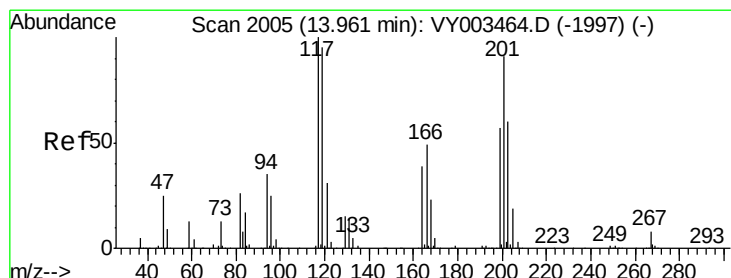
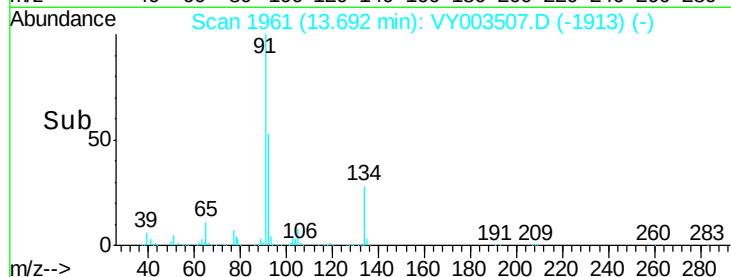
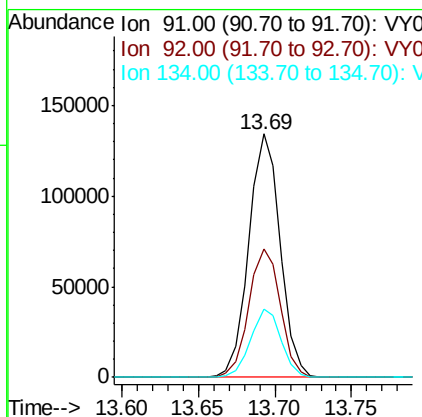
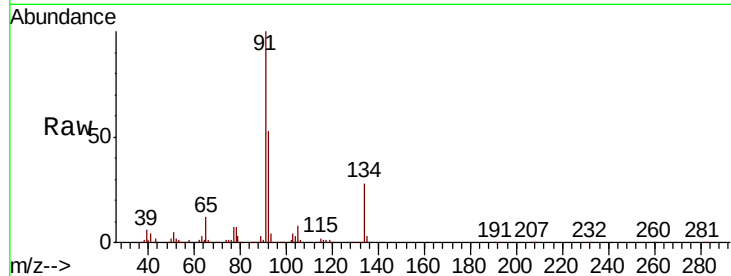
#89
n-Butylbenzene
Concen: 21.933 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.1
134	27.2	13.8	41.3

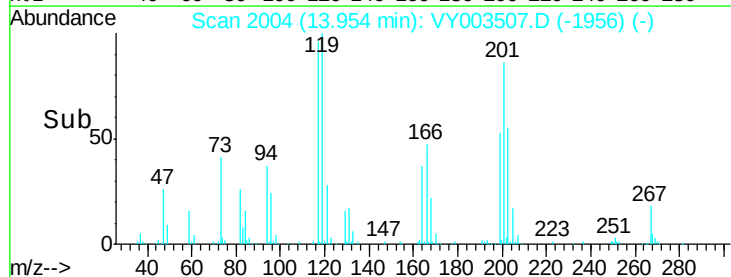
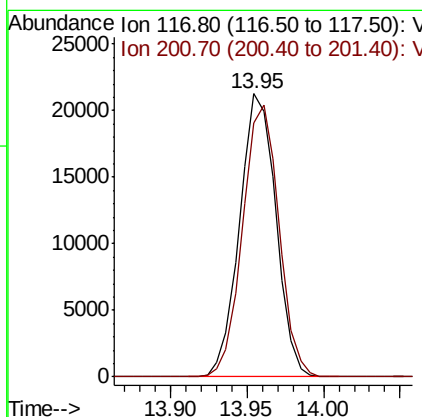
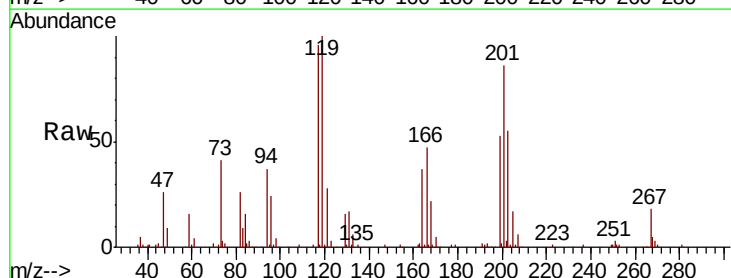
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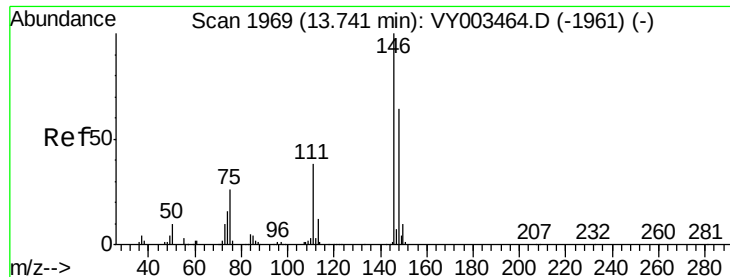
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#90
Hexachloroethane
Concen: 21.825 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.0	46.6	139.8





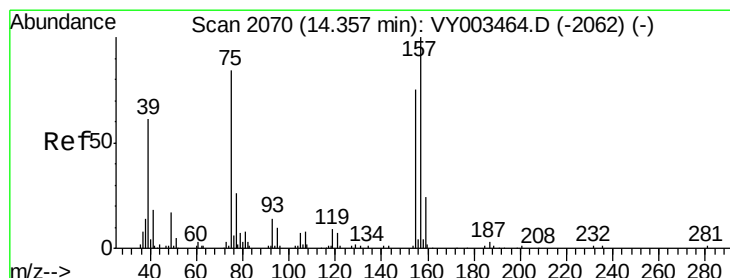
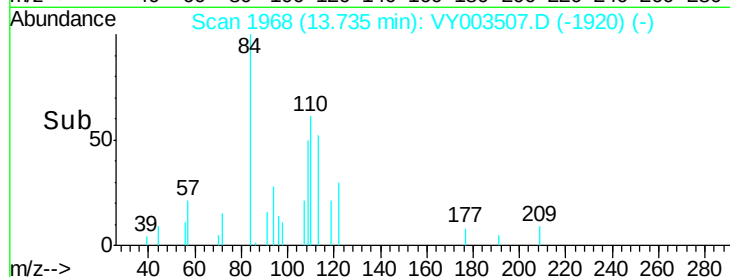
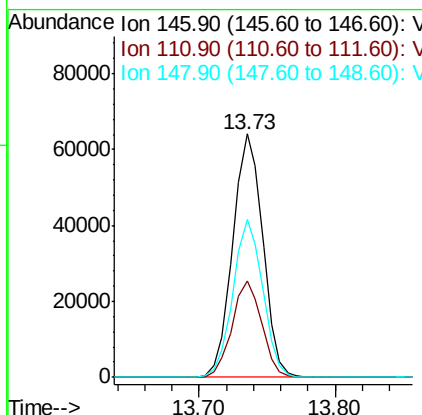
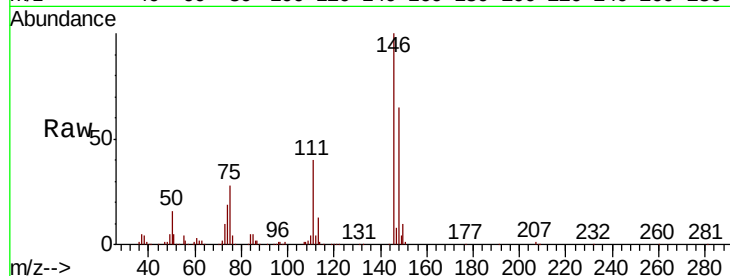
#91
 1,2-Dichlorobenzene
 Concen: 22.606 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	64.1	32.3	96.8

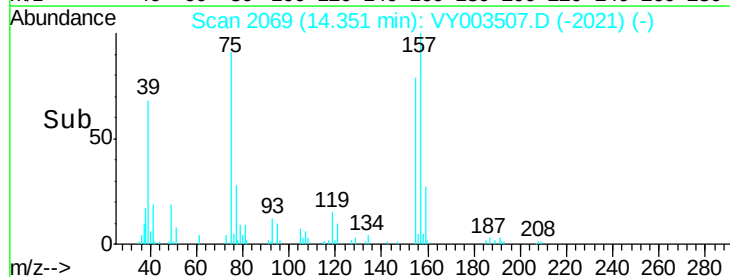
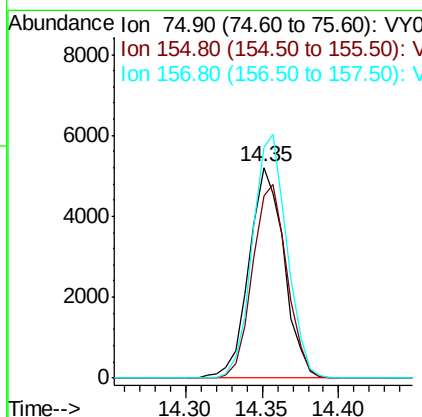
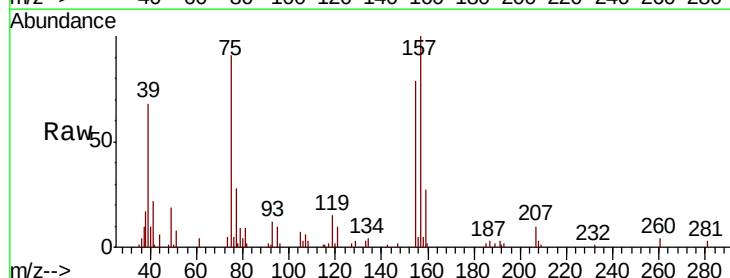
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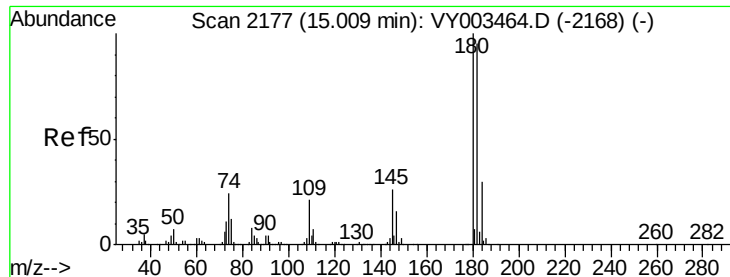
MMDadoda
 11/5/2020 7:01:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.785 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.9	45.6	136.7
157	112.9	60.3	180.8





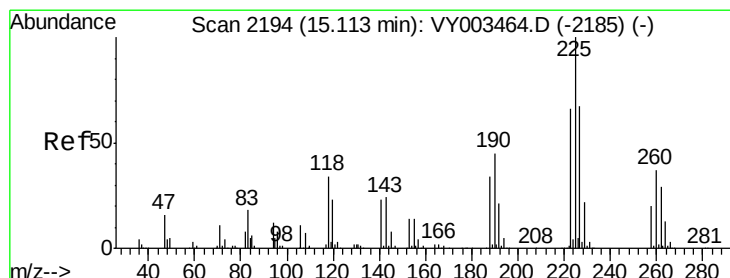
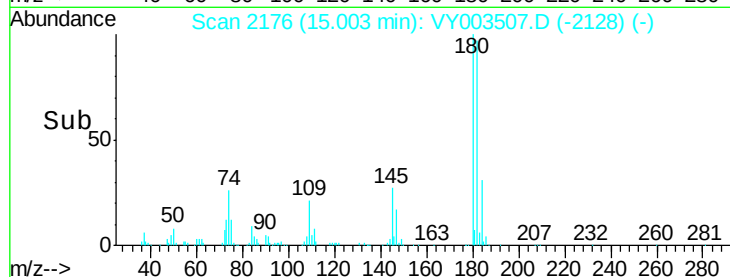
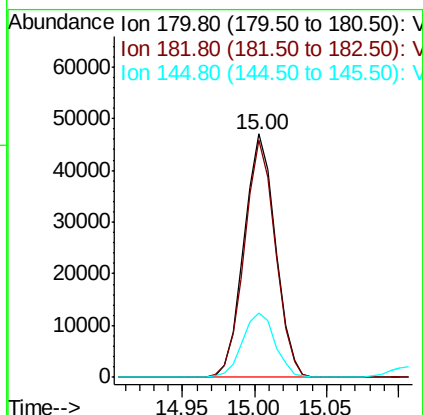
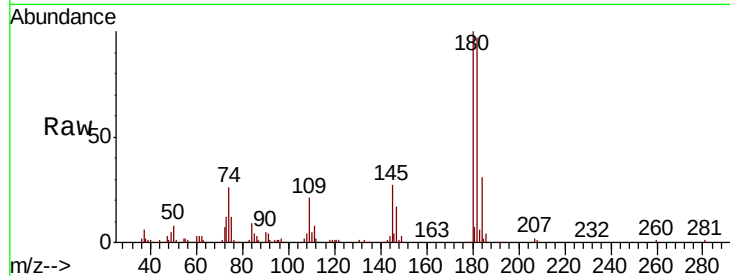
#93
 1,2,4-Trichlorobenzene
 Concen: 23.073 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	27.4	13.8	41.3

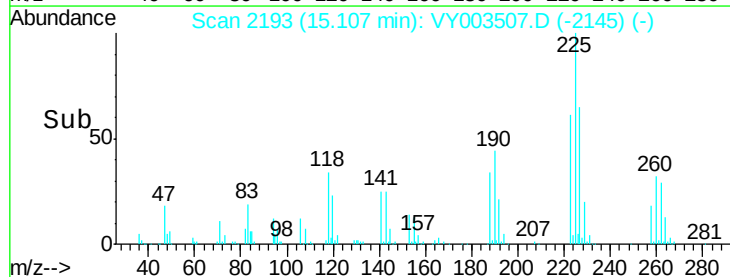
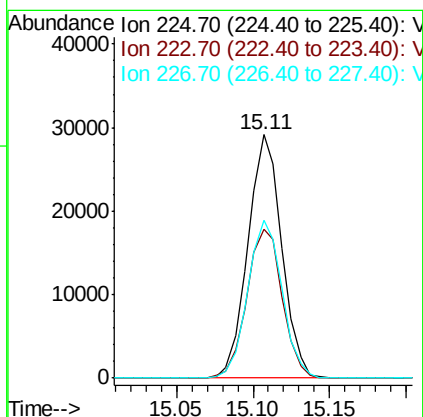
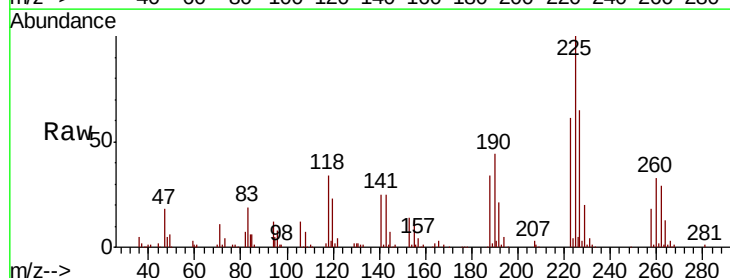
Manual Integrations
 APPROVED

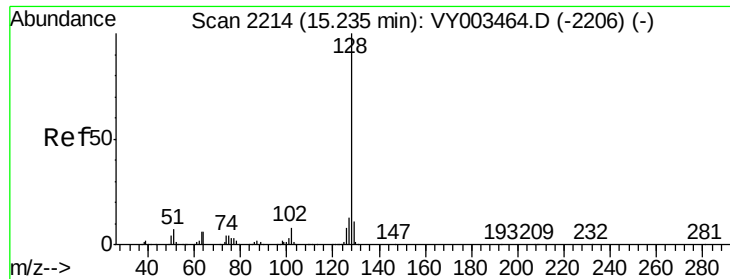
MMDadoda
 11/5/2020 7:01:52 PM



#94
 Hexachlorobutadiene
 Concen: 22.580 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003507.D
 Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.1	96.3
227	65.8	32.4	97.2





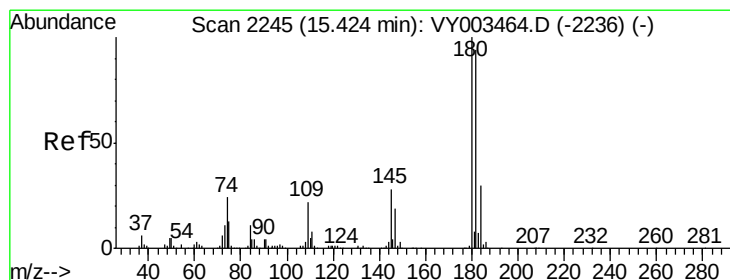
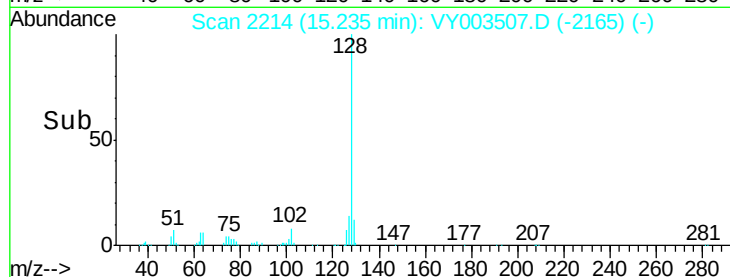
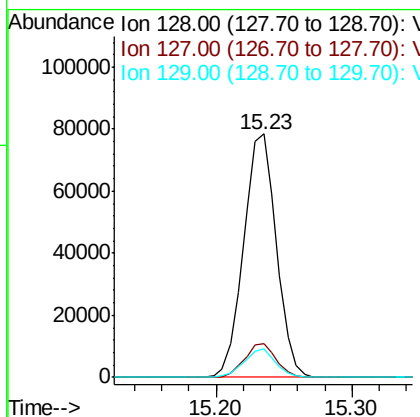
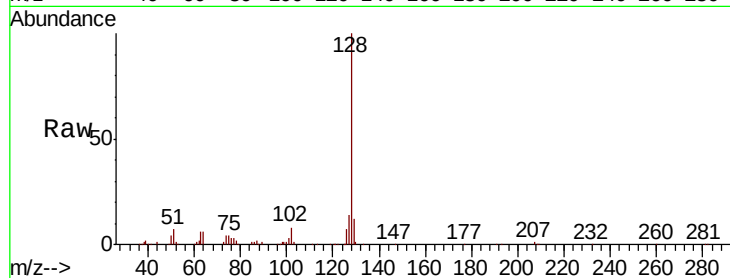
#95
Naphthalene
Concen: 21.360 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.3	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 23.080 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003507.D
Acq: 04 Nov 2020 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.7
145	29.0	14.4	43.2

