

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003519.D
 Acq On : 05 Nov 2020 12:07
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:27:08 AM

Quant Time: Nov 06 00:01:51 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	225570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	325005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	301744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	114692	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.72	113	99231	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.18	98	397971	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.48	95	134155	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	38313	21.467	ug/l	96
3) Chloromethane	2.12	50	51202	21.792	ug/l	99
4) Vinyl Chloride	2.26	62	56251	21.328	ug/l	98
5) Bromomethane	2.64	94	42484	19.280	ug/l	99
6) Chloroethane	2.79	64	34278	21.806	ug/l	97
7) Trichlorofluoromethane	3.13	101	69087	20.637	ug/l	98
8) Diethyl Ether	3.54	74	23137	22.538	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39304	21.242	ug/l	98
10) Methyl Iodide	4.10	142	38985	23.242	ug/l	100
11) Tert butyl alcohol	4.96	59	47233	201.519	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	38670	21.006	ug/l	98
13) Acrolein	3.74	56	18715	97.518	ug/l	98
14) Allyl chloride	4.49	41	70646	21.034	ug/l	100
15) Acrylonitrile	5.18	53	58312	106.412	ug/l	99
16) Acetone	3.96	43	69999	91.759	ug/l	99
17) Carbon Disulfide	4.20	76	121963	20.450	ug/l	98
18) Methyl Acetate	4.49	43	31177	21.626	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	102232	22.421	ug/l	97
20) Methylene Chloride	4.72	84	49223	22.911	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	45074	21.145	ug/l	96
22) Diisopropyl ether	6.13	45	135224	22.955	ug/l	98
23) Vinyl Acetate	6.07	43	484794	109.514	ug/l	99
24) 1,1-Dichloroethane	6.02	63	81692	21.823	ug/l	98
25) 2-Butanone	7.00	43	95576	100.172	ug/l	98
26) 2,2-Dichloropropane	6.99	77	75289	21.588	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	49840	21.577	ug/l	99
28) Bromochloromethane	7.34	49	38034	20.196	ug/l	97
29) Tetrahydrofuran	7.35	42	52527	105.358	ug/l	100
30) Chloroform	7.52	83	81769	22.239	ug/l	98
31) Cyclohexane	7.79	56	69660	20.097	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	74781	21.801	ug/l	99
36) 1,1-Dichloropropene	7.92	75	64278	20.977	ug/l	100
37) Ethyl Acetate	7.08	43	41202	21.653	ug/l	98
38) Carbon Tetrachloride	7.91	117	66160	20.812	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	69345	20.324	ug/l	99
40) Benzene	8.17	78	181836	21.323	ug/l	99
41) Methacrylonitrile	7.32	41	19848m	19.533	ug/l	
42) 1,2-Dichloroethane	8.24	62	59047	22.098	ug/l	100
43) Isopropyl Acetate	8.28	43	73452	21.479	ug/l	99
44) Trichloroethene	8.94	130	51121	21.354	ug/l	99
45) 1,2-Dichloropropane	9.22	63	47439	22.028	ug/l	99
46) Dibromomethane	9.31	93	25878	21.842	ug/l	99
47) Bromodichloromethane	9.50	83	64433	22.219	ug/l	97
48) Methyl methacrylate	9.30	41	33868	21.025	ug/l	98
49) 1,4-Dioxane	9.30	88	6292	425.619	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	197917	108.627	ug/l	99
52) Toluene	10.24	92	115359	21.628	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	66910	21.681	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	76854	22.131	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	36984	21.990	ug/l	99
56) Ethyl methacrylate	10.51	69	49083	21.788	ug/l	100
57) 1,3-Dichloropropane	10.79	76	64693	22.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	131456	115.110	ug/l	100
59) 2-Hexanone	10.83	43	139668	103.534	ug/l	99
60) Dibromochloromethane	10.98	129	46114	22.308	ug/l	100
61) 1,2-Dibromoethane	11.09	107	36111	22.240	ug/l	97
64) Tetrachloroethene	10.72	164	48369	21.464	ug/l	99
65) Chlorobenzene	11.52	112	125806	21.461	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	47773	21.609	ug/l	99
67) Ethyl Benzene	11.59	91	220554	20.749	ug/l	99
68) m/p-Xylenes	11.70	106	168462	41.821	ug/l	99
69) o-Xylene	12.03	106	77588	20.939	ug/l	98
70) Styrene	12.04	104	135817	21.587	ug/l	100
71) Bromoform	12.20	173	31495	21.373	ug/l #	99
73) Isopropylbenzene	12.33	105	213910	20.347	ug/l	100
74) N-amyl acetate	12.14	43	63339	21.269	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46261	20.601	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	36775m	21.596	ug/l	
77) Bromobenzene	12.61	156	56322	21.085	ug/l	100
78) n-propylbenzene	12.67	91	257537	20.797	ug/l	100
79) 2-Chlorotoluene	12.75	91	143292	20.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	184107	21.136	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	16048	19.670	ug/l	97
82) 4-Chlorotoluene	12.85	91	155251	21.473	ug/l	100
83) tert-Butylbenzene	13.07	119	159341	20.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	183997	21.135	ug/l	98
85) sec-Butylbenzene	13.25	105	217993	20.840	ug/l	100
86) p-Isopropyltoluene	13.36	119	203057	20.931	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	107628	21.630	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	107117	21.648	ug/l	98
89) n-Butylbenzene	13.69	91	185918	20.982	ug/l	100
90) Hexachloroethane	13.95	117	34615	21.201	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	96157	21.753	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8483	20.868	ug/l	98

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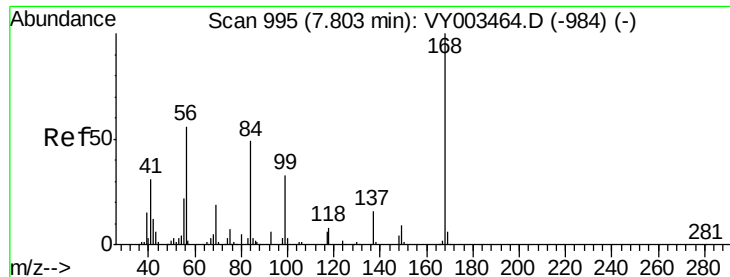
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70525	22.555	ug/l	99
94) Hexachlorobutadiene	15.11	225	44846	22.296	ug/l	99
95) Naphthalene	15.23	128	131975	21.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62877	22.356	ug/l	97

(#) = 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: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion:168 Resp: 225570

Ion Ratio Lower Upper

168 100

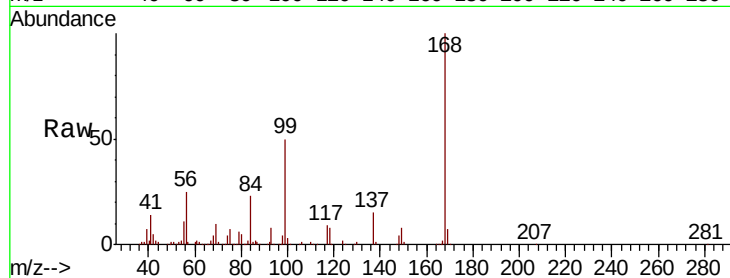
99 49.6 39.7 59.5

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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

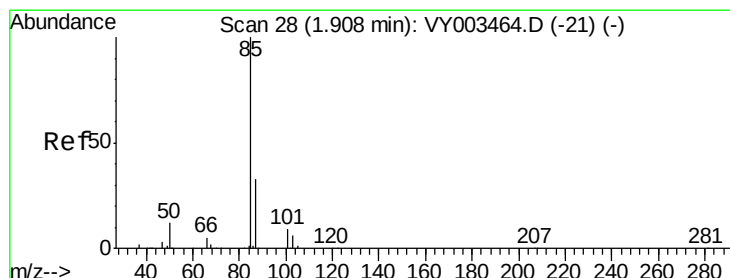
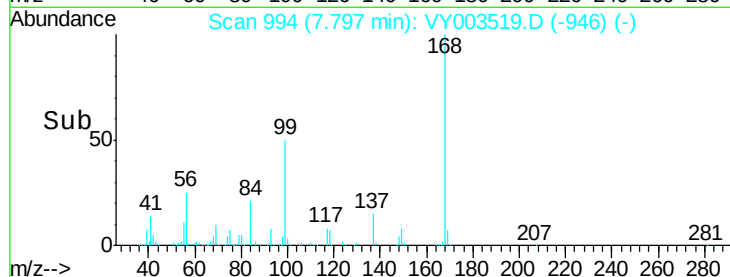
40000

20000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.467 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003519.D

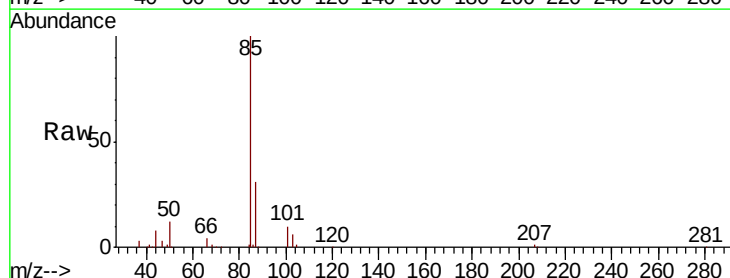
Acq: 05 Nov 2020 12:07

Tgt Ion: 85 Resp: 38313

Ion Ratio Lower Upper

85 100

87 30.6 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

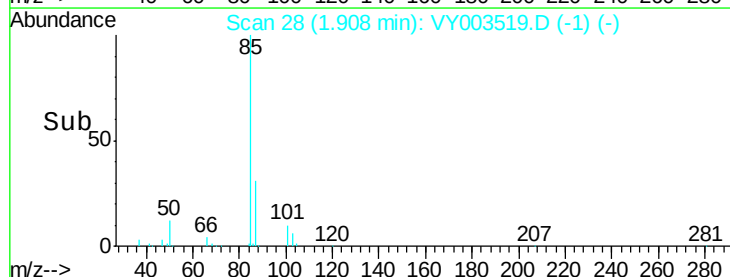
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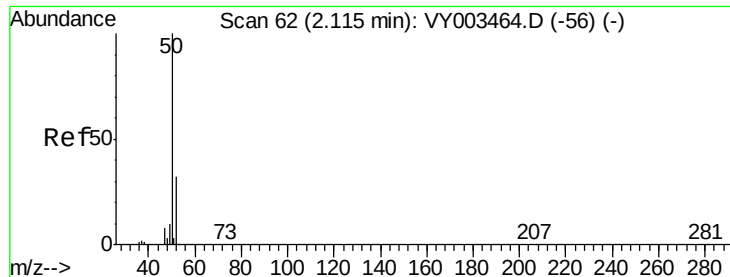
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.792 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 50 Resp: 51202

Ion Ratio Lower Upper

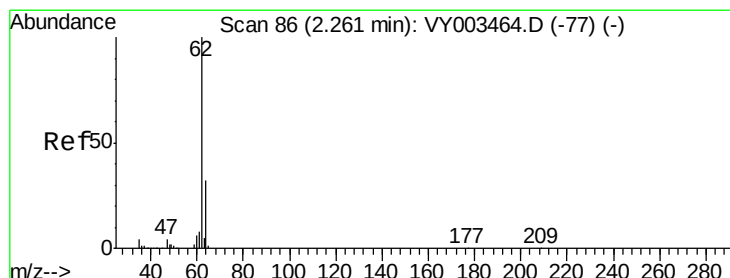
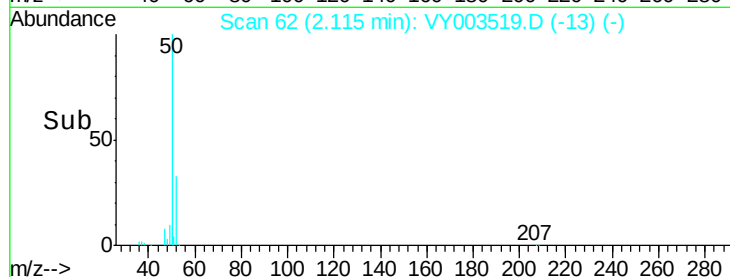
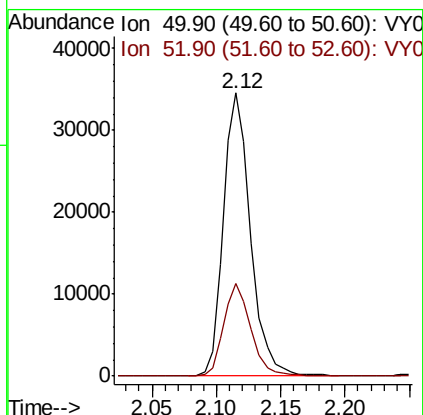
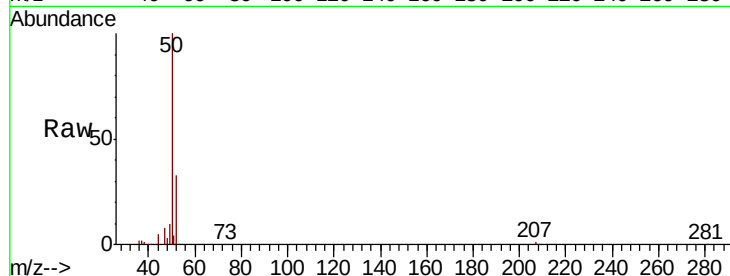
50 100

52 32.7 25.6 38.4

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#4

Vinyl Chloride

Concen: 21.328 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003519.D

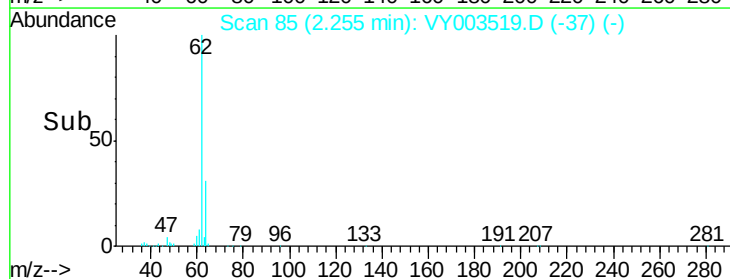
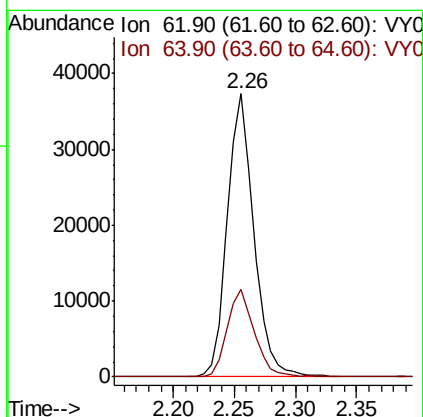
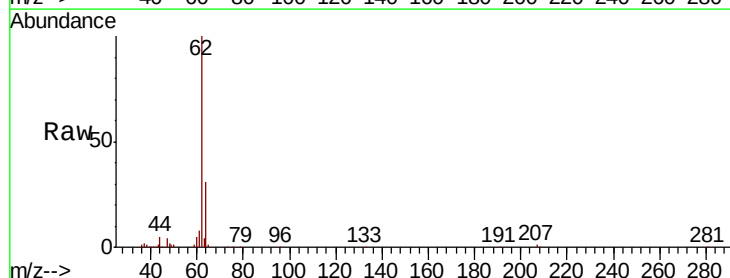
Acq: 05 Nov 2020 12:07

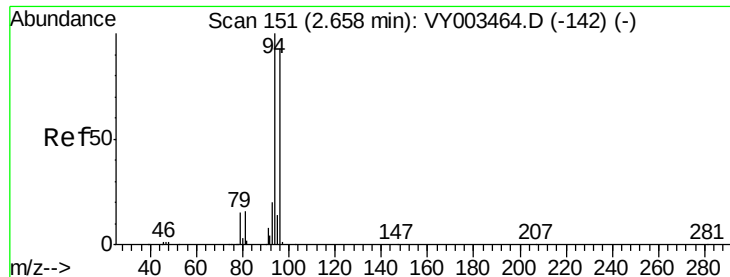
Tgt Ion: 62 Resp: 56251

Ion Ratio Lower Upper

62 100

64 31.0 25.5 38.3





#5

Bromomethane

Concen: 19.280 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 94 Resp: 42484

Ion Ratio Lower Upper

94 100

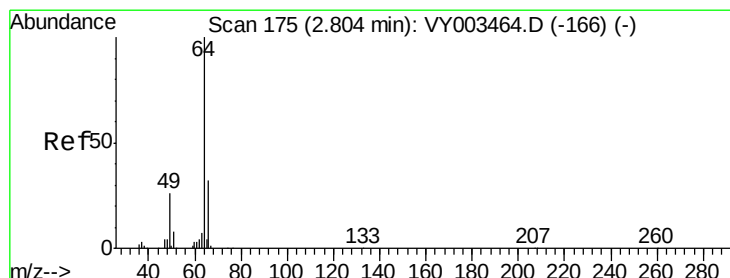
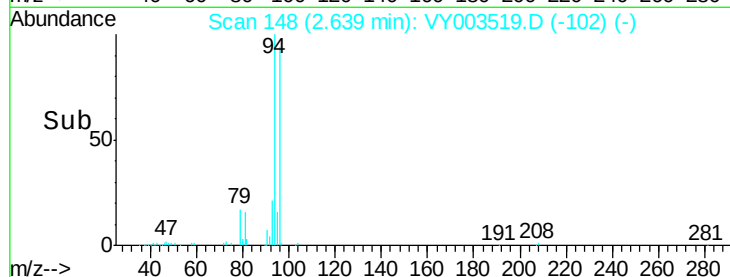
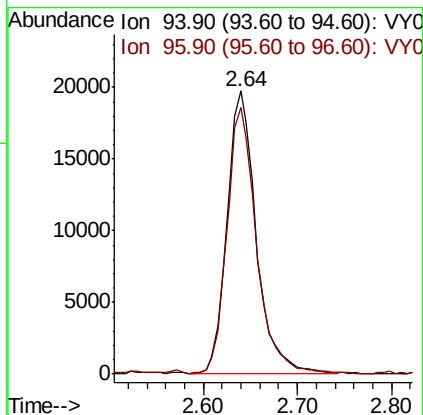
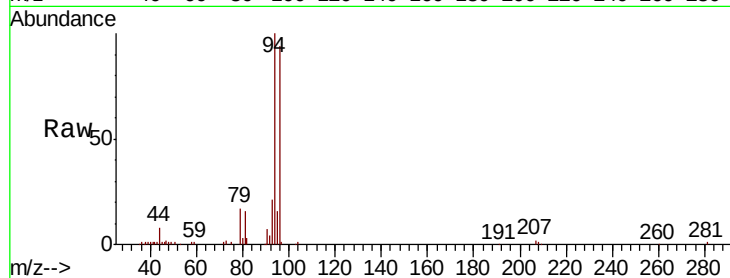
96 93.9 74.6 112.0

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#6

Chloroethane

Concen: 21.806 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003519.D

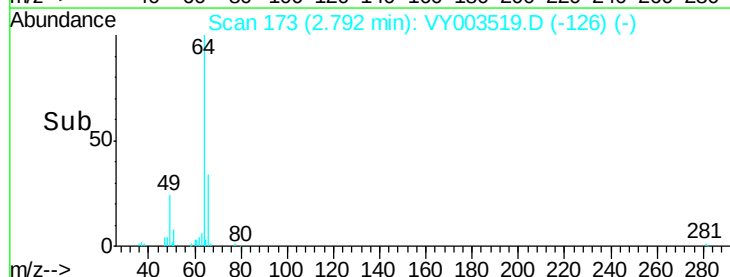
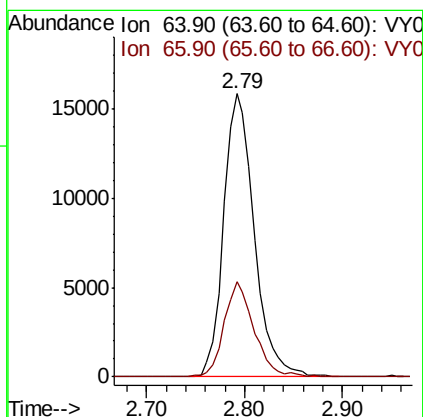
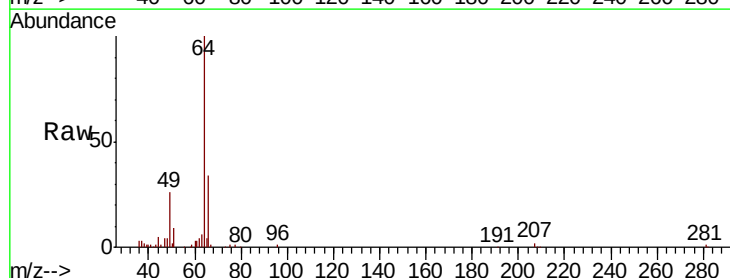
Acq: 05 Nov 2020 12:07

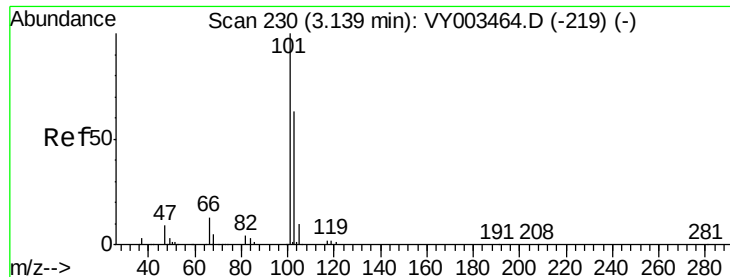
Tgt Ion: 64 Resp: 34278

Ion Ratio Lower Upper

64 100

66 33.7 25.6 38.4





#7

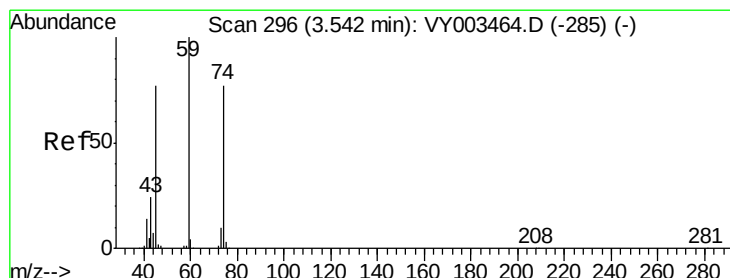
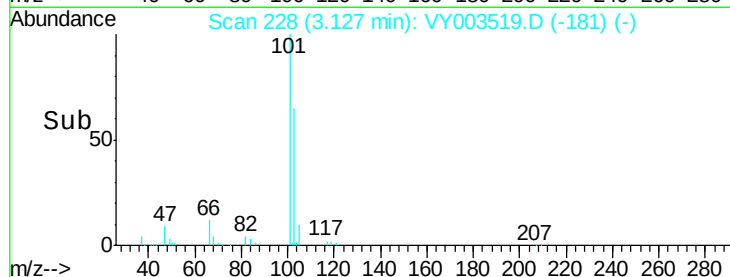
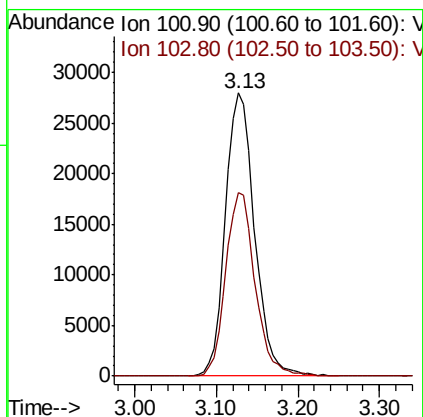
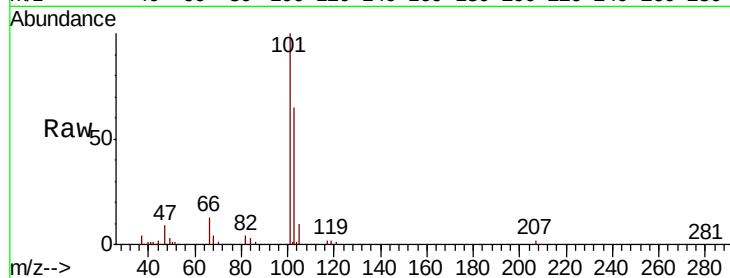
Trichlorofluoromethane
Concen: 20.637 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003519.D
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ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.7	76.1

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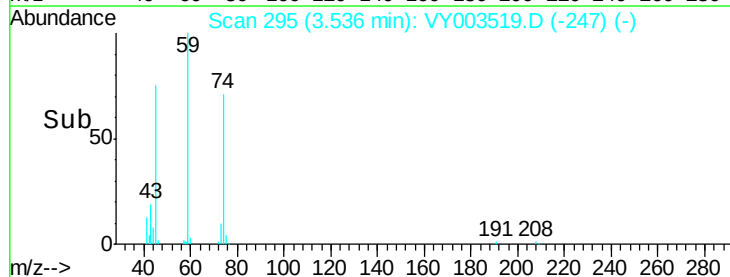
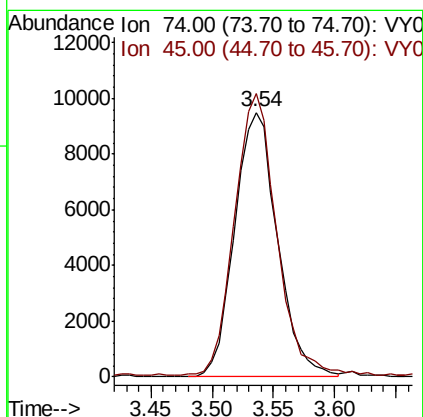
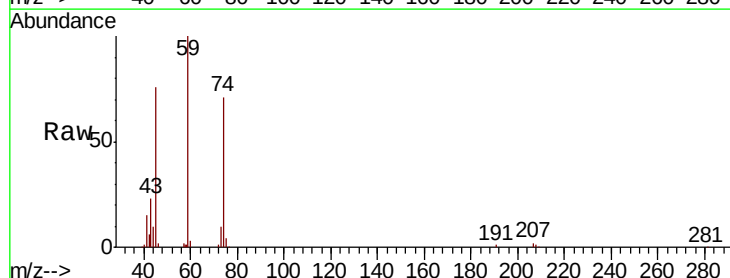
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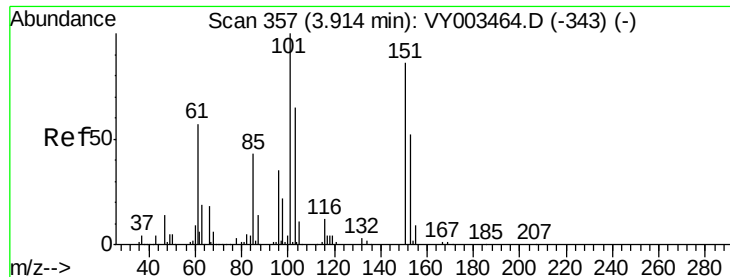


#8

Diethyl Ether
Concen: 22.538 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.242 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

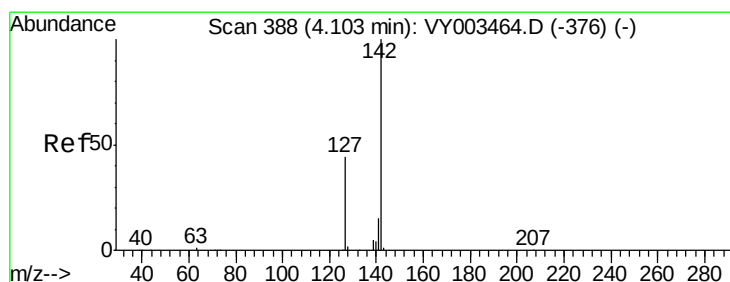
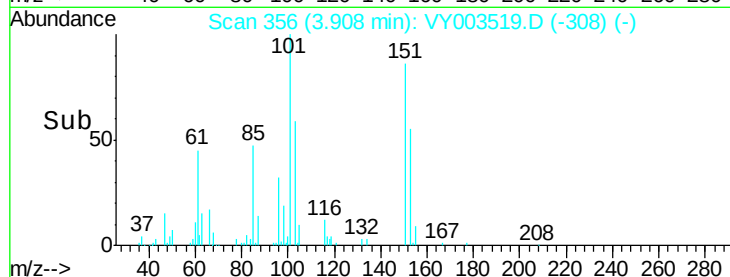
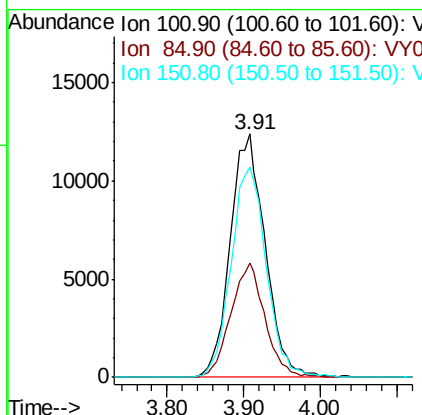
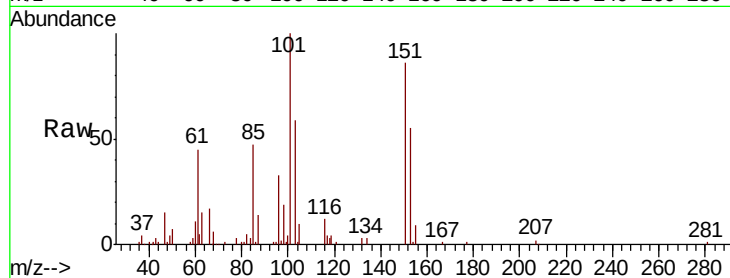
ClientSampleId :

VY1105SBS01

Tot Ion:	101	Resp:	39304
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.8	53.8
151	87.1	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 23.242 ug/l

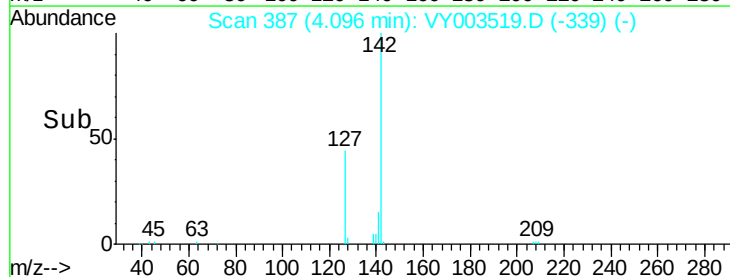
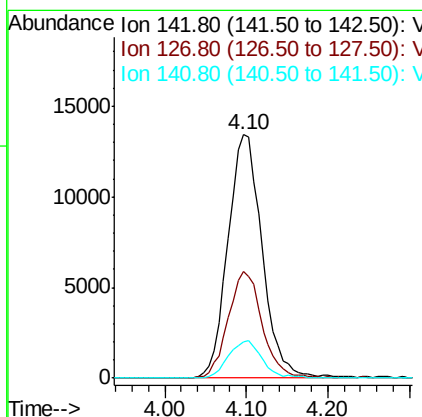
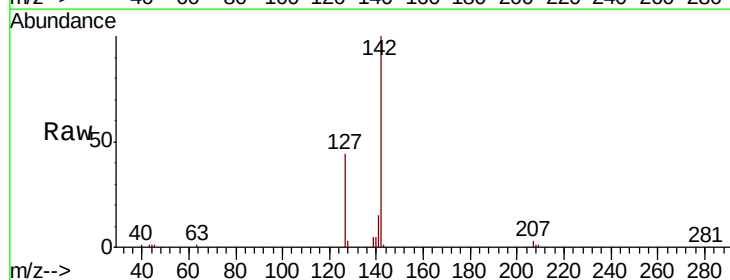
RT: 4.10 min Scan# 387

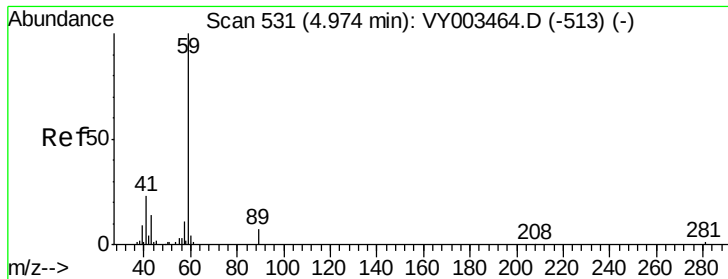
Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion:	142	Resp:	38985
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.5	51.7
141	15.0	11.8	17.8





#11

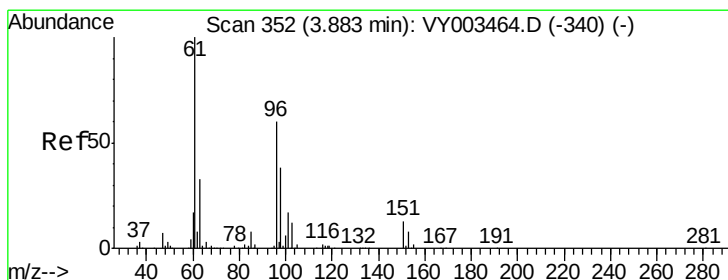
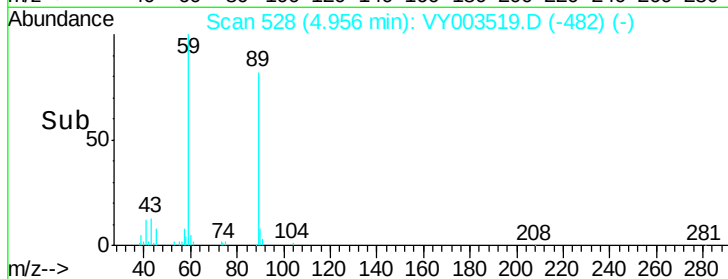
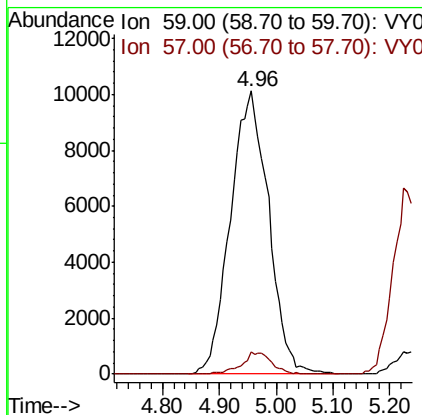
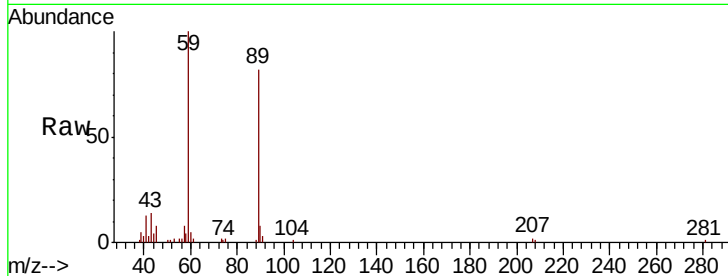
Tert butyl alcohol
 Concen: 201.519 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	7.9	11.9#

Manual Integrations
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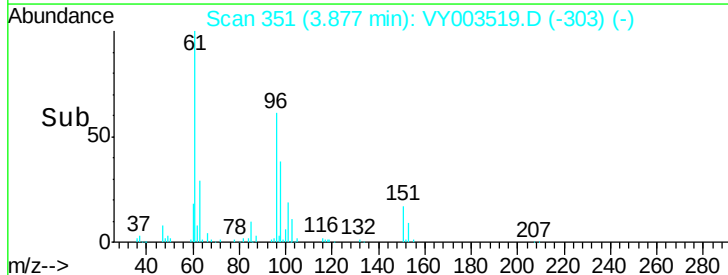
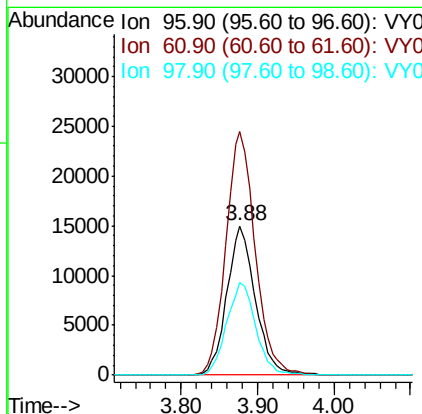
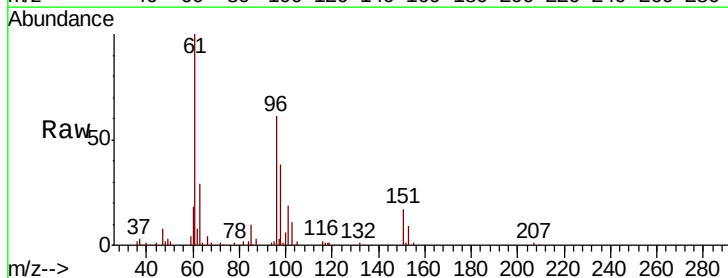
MMDadoda
 11/6/2020 9:27:08 AM

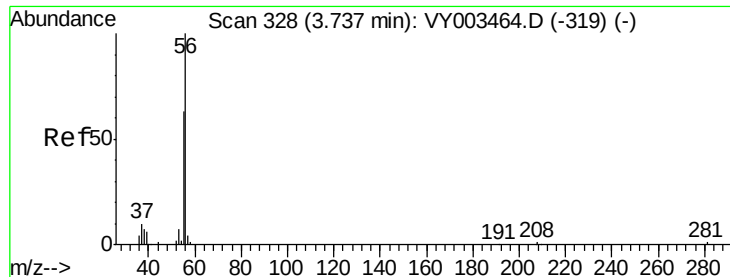


#12

1,1-Dichloroethene
 Concen: 21.006 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.2	133.6	200.4
98	61.9	50.2	75.2





#13

Acrolein

Concen: 97.518 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 56 Resp: 18715

Ion Ratio Lower Upper

56 100

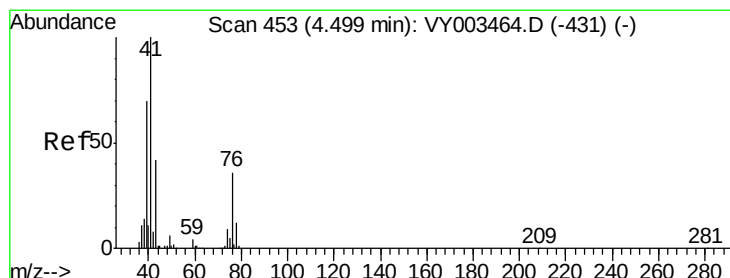
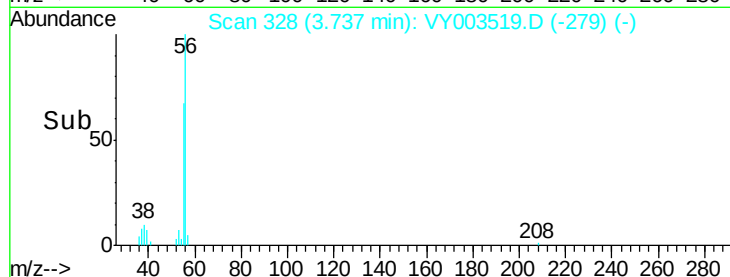
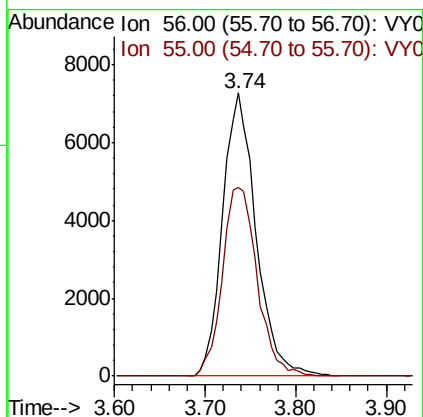
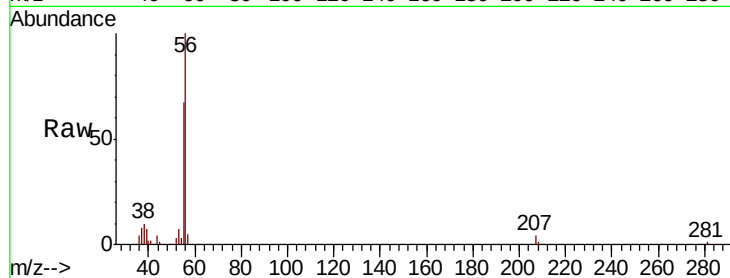
55 69.1 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.034 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

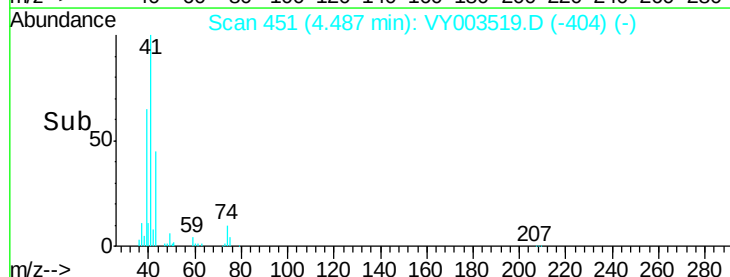
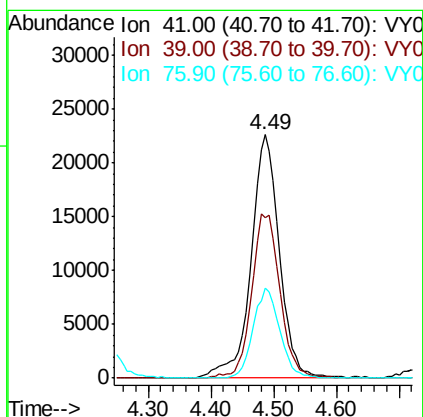
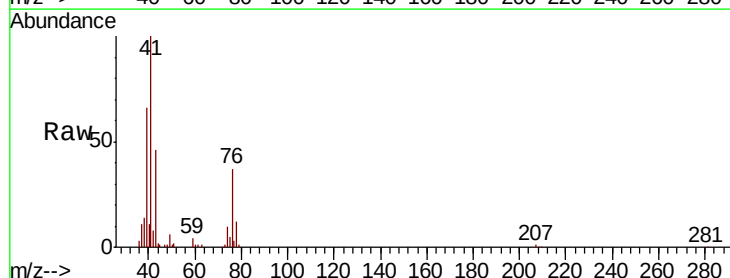
Tgt Ion: 41 Resp: 70646

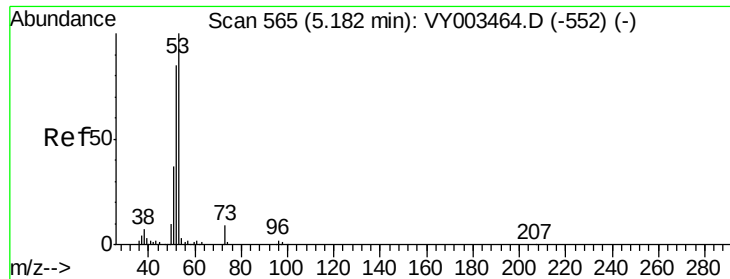
Ion Ratio Lower Upper

41 100

39 67.5 54.4 81.6

76 34.6 27.6 41.4





#15

Acrylonitrile

Concen: 106.412 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

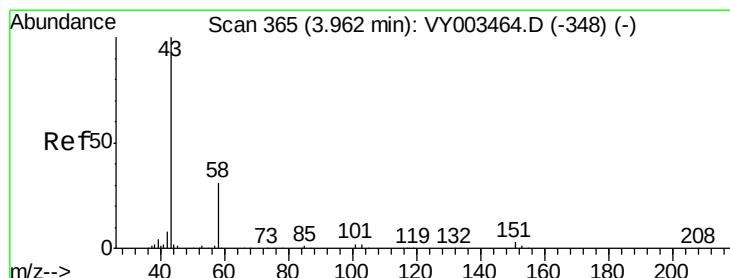
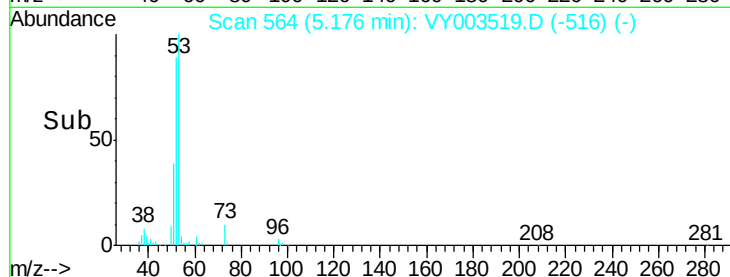
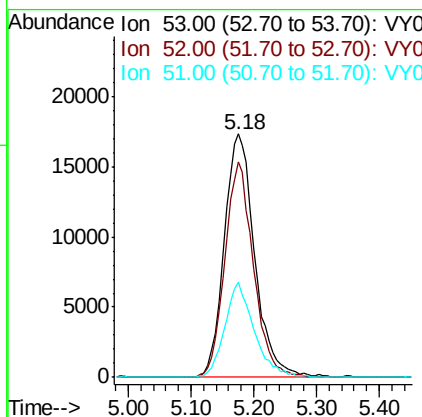
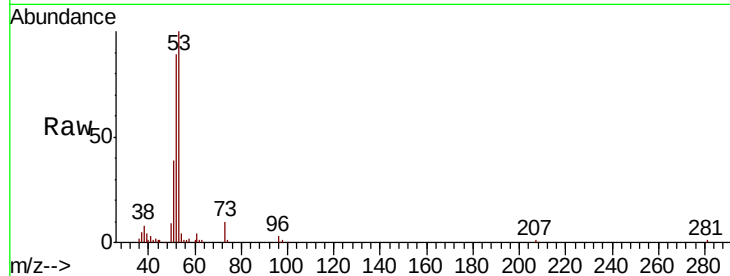
ClientSampleId :

VY1105SBS01

Tot Ion:	53	Resp:	58312
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.9	100.3
51	37.7	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 91.759 ug/l

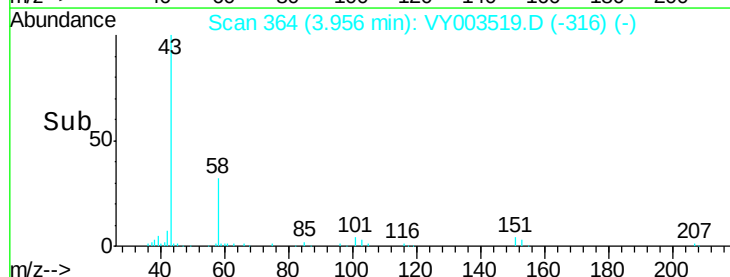
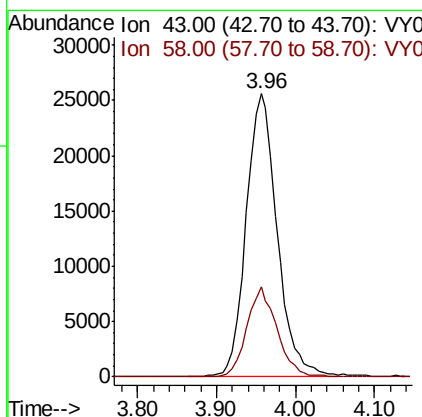
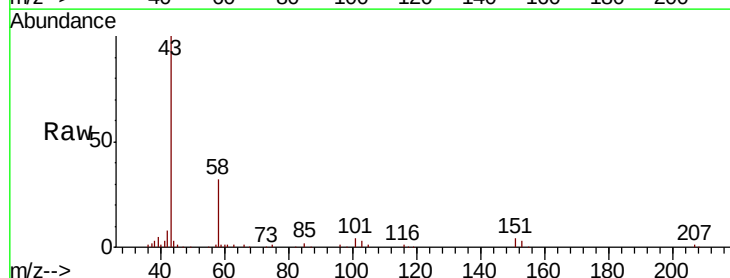
RT: 3.96 min Scan# 364

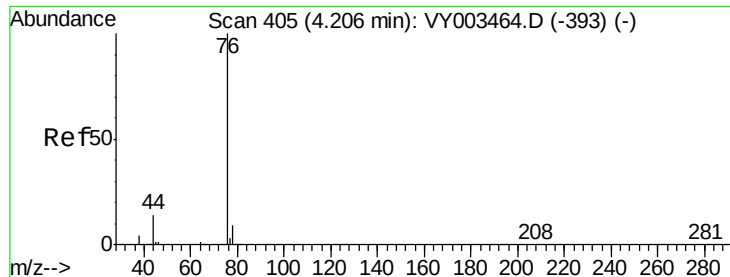
Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion:	43	Resp:	69999
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.0	37.4





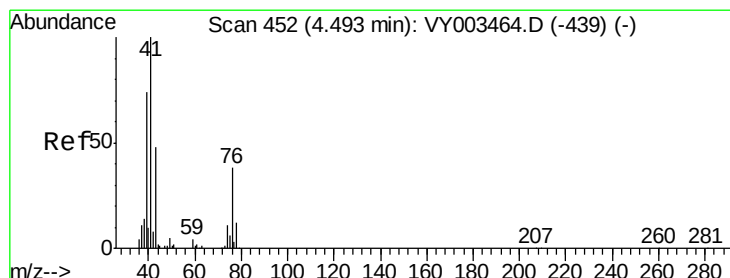
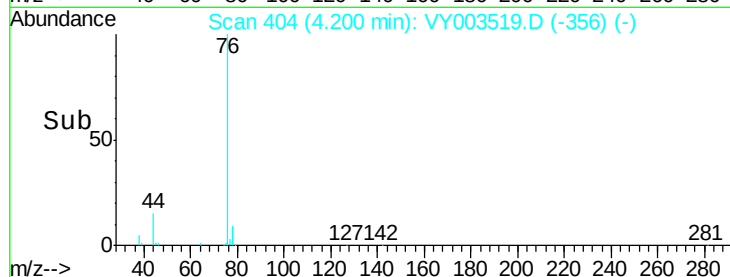
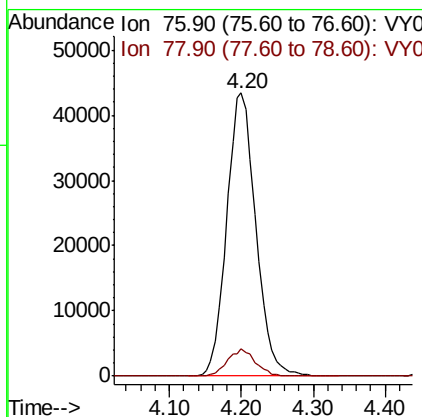
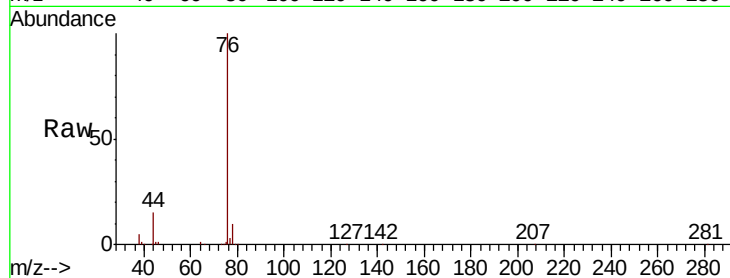
#17
Carbon Disulfide
Concen: 20.450 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.2

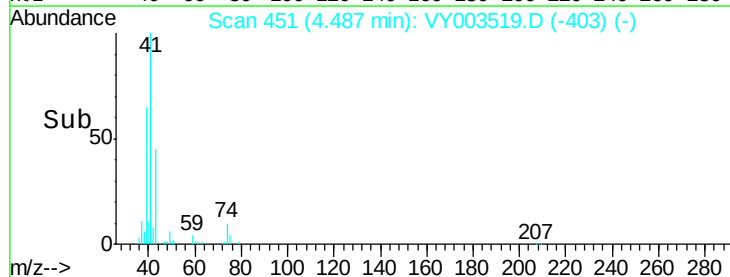
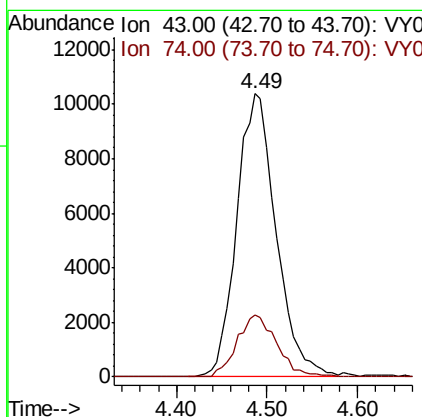
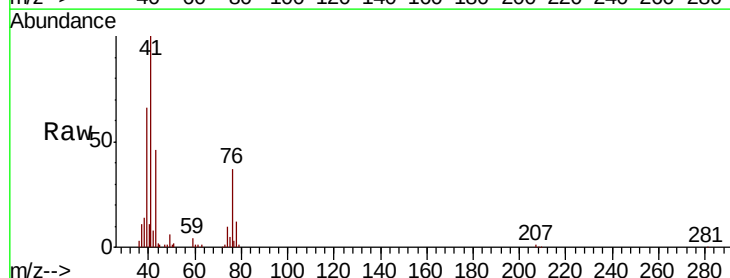
Manual Integrations
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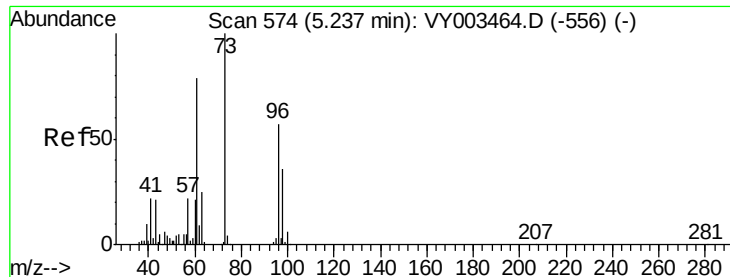
MMDadoda
11/6/2020 9:27:08 AM



#18
Methyl Acetate
Concen: 21.626 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.4	27.6





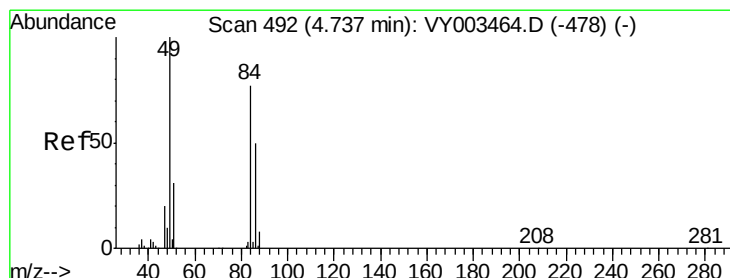
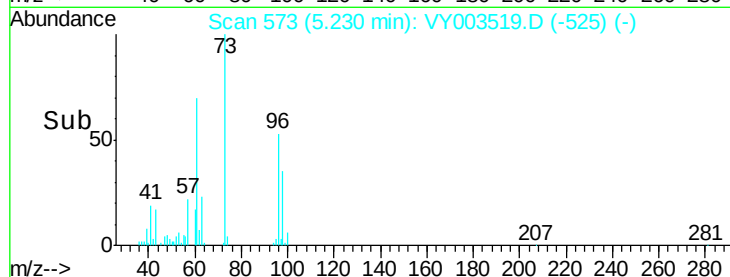
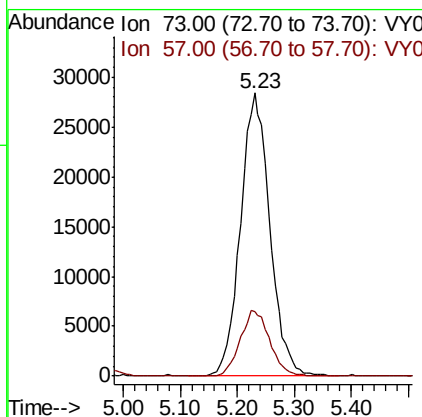
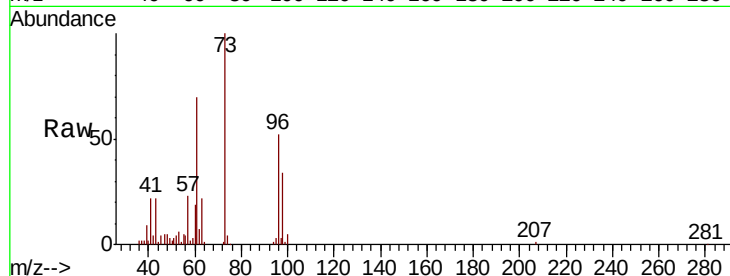
#19
Methyl tert-butyl Ether
Concen: 22.421 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.2	25.8

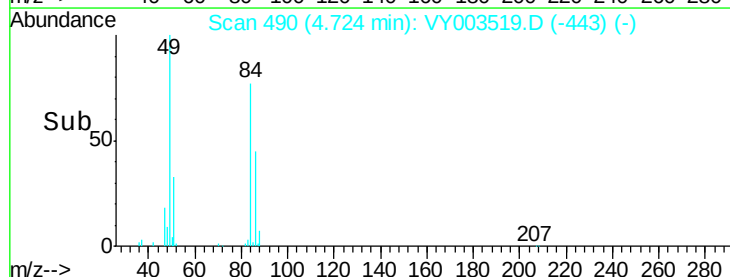
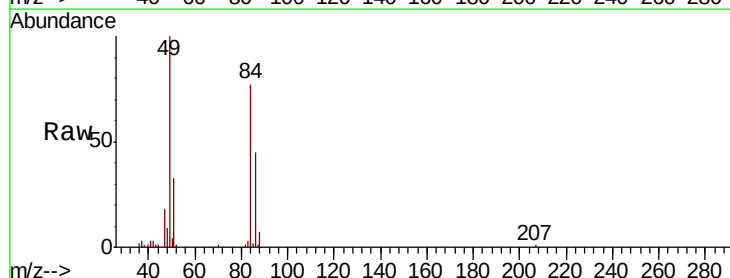
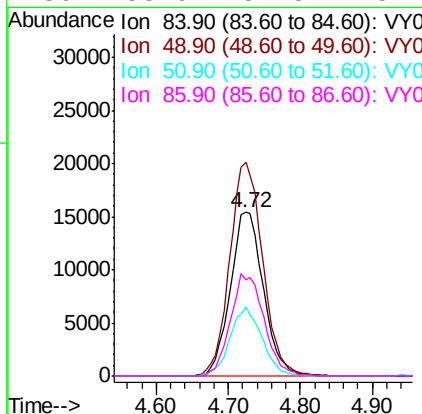
Manual Integrations
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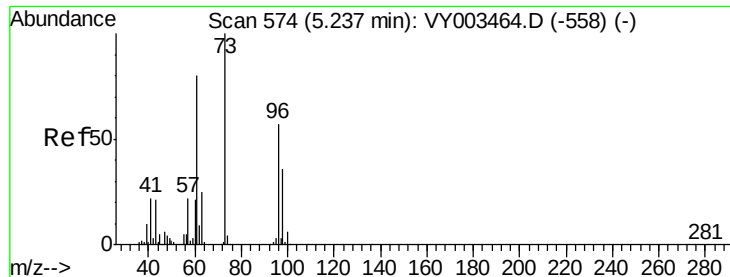
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#20
Methylene Chloride
Concen: 22.911 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.7	104.3	156.5
51	42.5	32.5	48.7
86	58.9	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 21.145 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

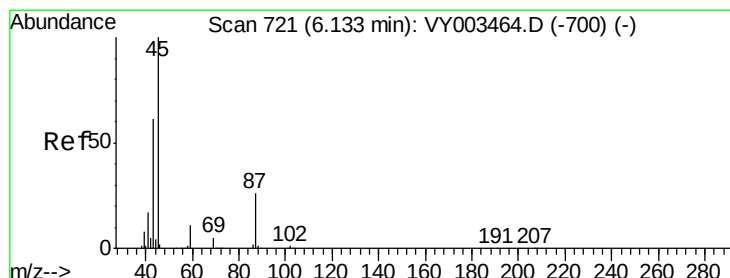
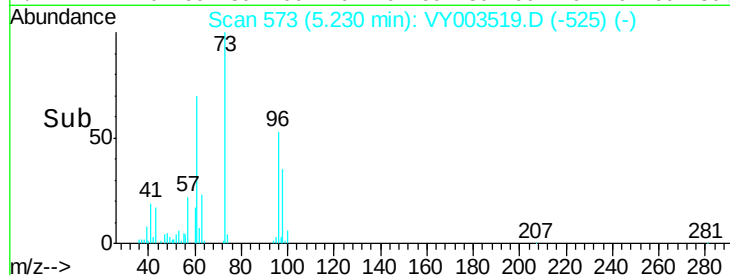
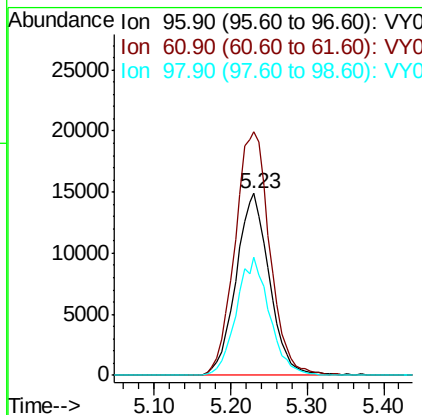
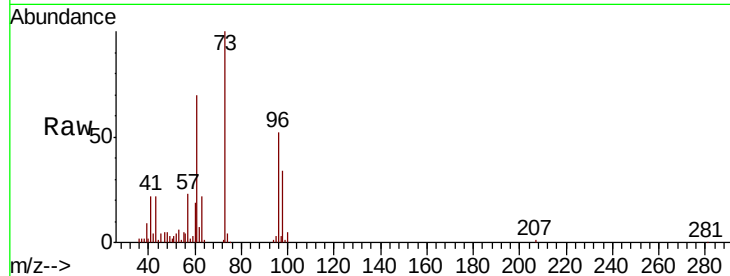
ClientSampleId :

VY1105SBS01

Tot Ion:	96	Resp:	45074
Ion	Ratio	Lower	Upper
96	100		
61	134.1	111.3	166.9
98	65.3	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.955 ug/l

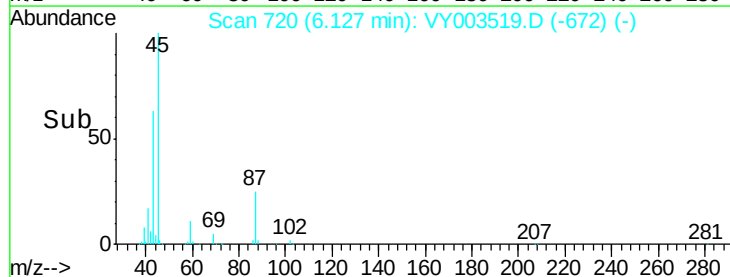
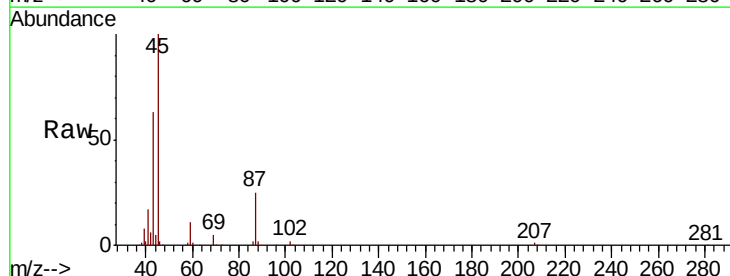
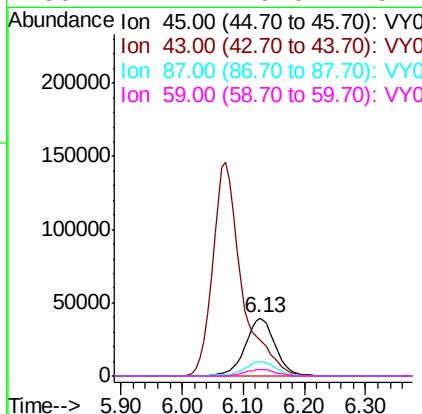
RT: 6.13 min Scan# 720

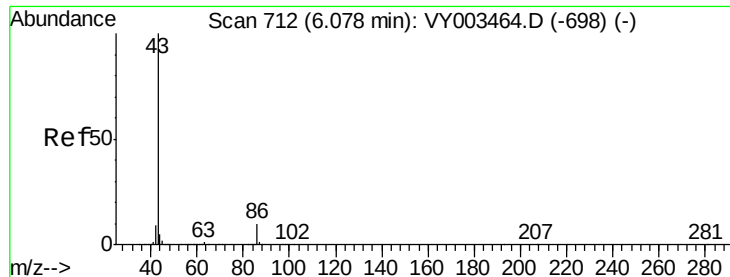
Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion:	45	Resp:	135224
Ion	Ratio	Lower	Upper
45	100		
43	62.3	48.8	73.2
87	24.6	20.6	31.0
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 109.514 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 43 Resp: 484794

Ion Ratio Lower Upper

43 100

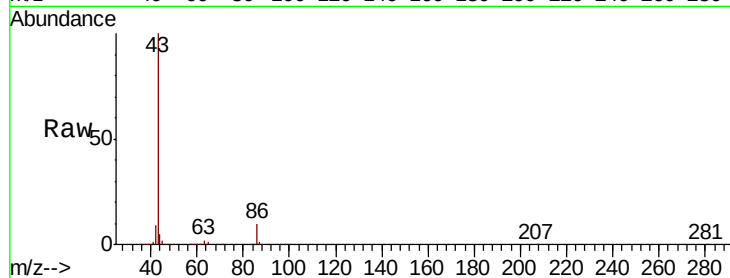
86 9.8 8.2 12.2

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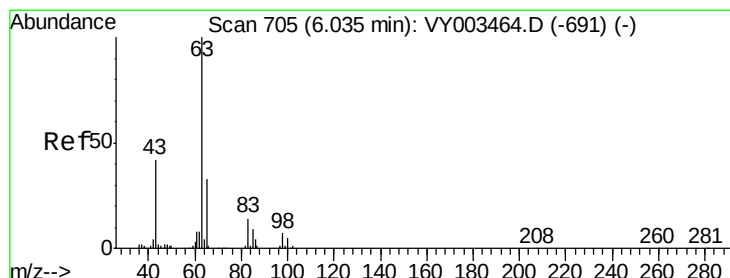
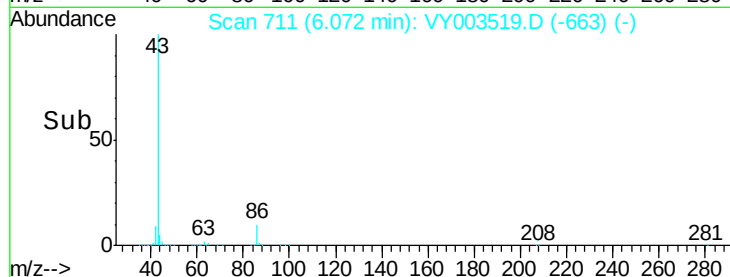
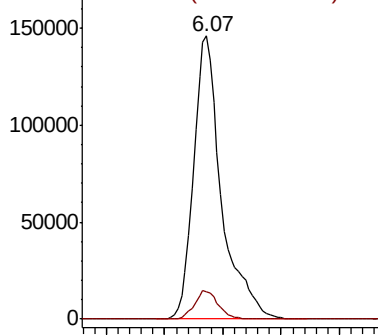
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.823 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

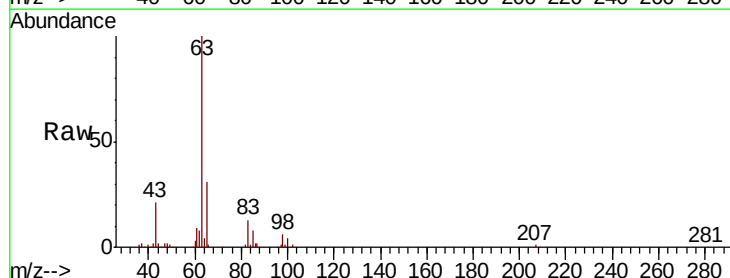
Tgt Ion: 63 Resp: 81692

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

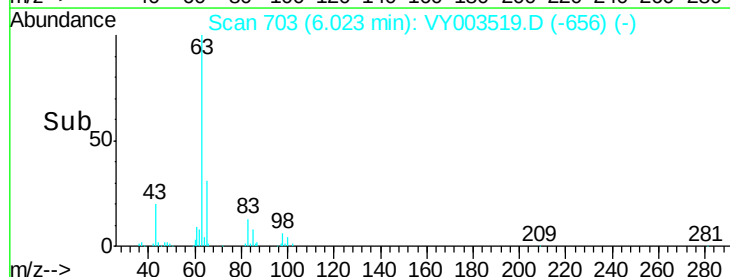
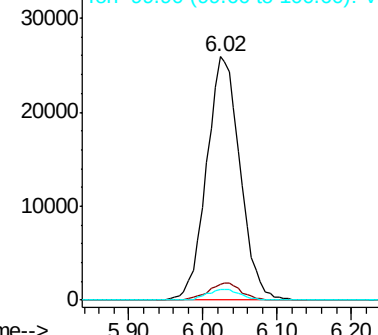
100 4.3 2.3 6.9

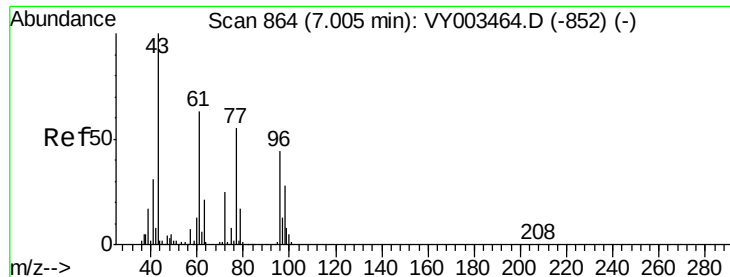


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 100.172 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tot Ion: 43 Resp: 95576

Ion Ratio Lower Upper

43 100

72 24.0 20.1 30.1

Instrument :

MSVOA_Y

ClientSampleId :

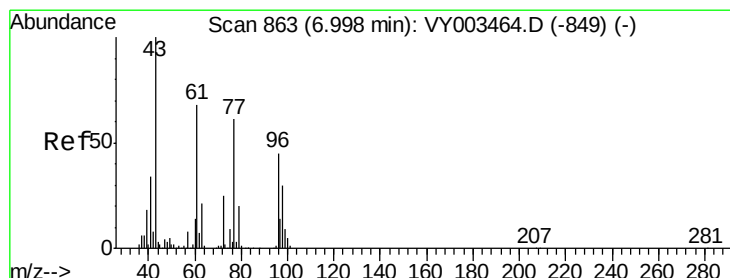
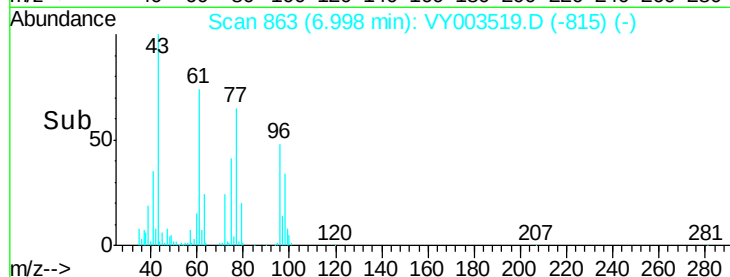
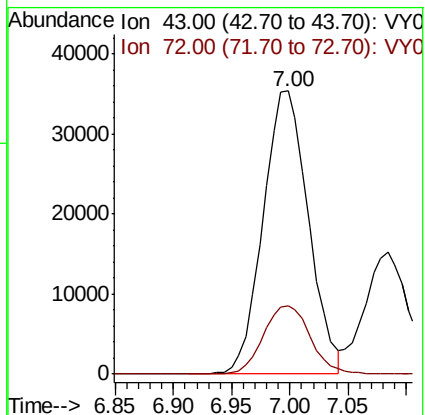
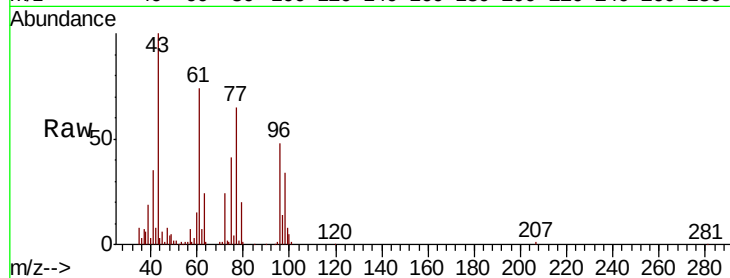
VY1105SBS01

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#26

2,2-Dichloropropane

Concen: 21.588 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003519.D

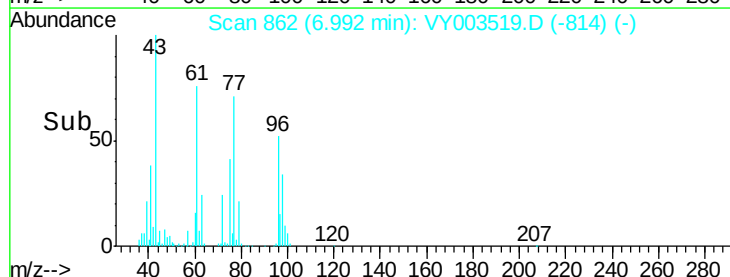
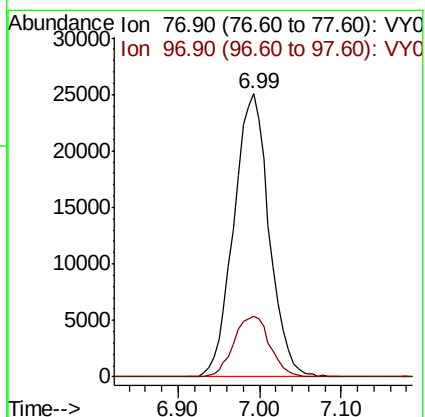
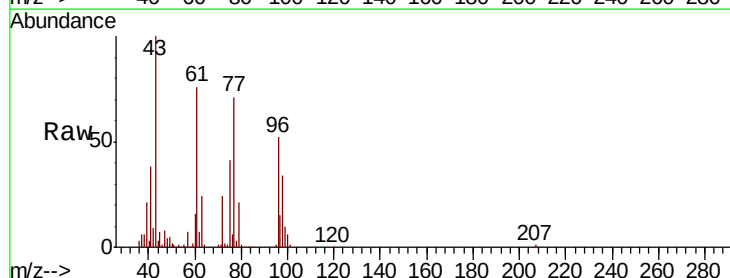
Acq: 05 Nov 2020 12:07

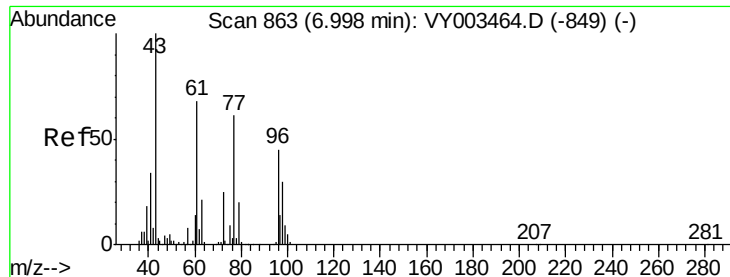
Tgt Ion: 77 Resp: 75289

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6





#27

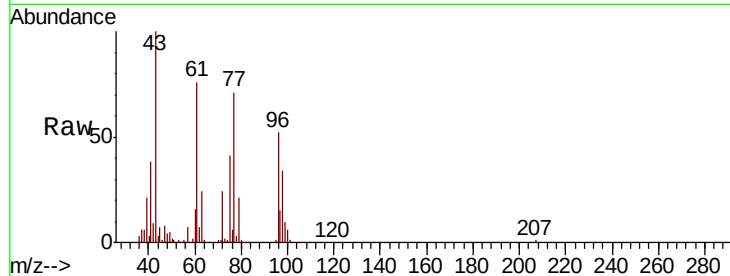
cis-1,2-Dichloroethene
 Concen: 21.577 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

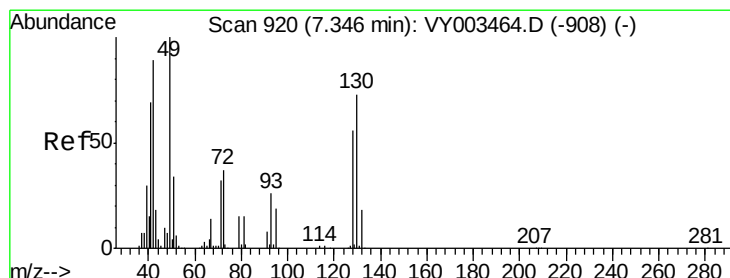
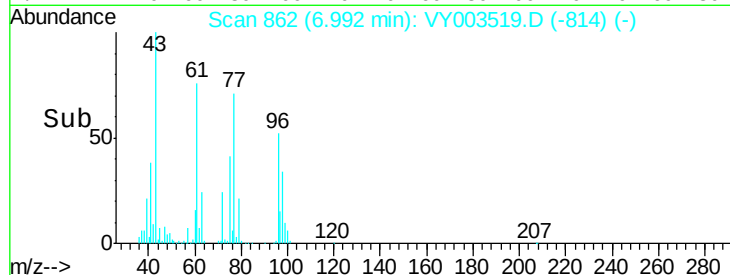
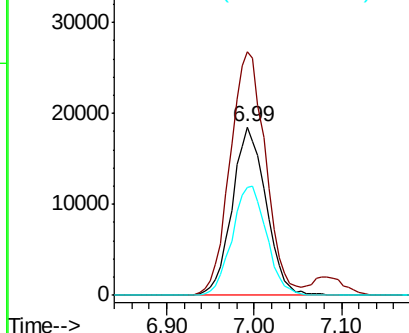
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.3	0.0	299.2	
98	65.8	0.0	128.6	

Manual Integrations
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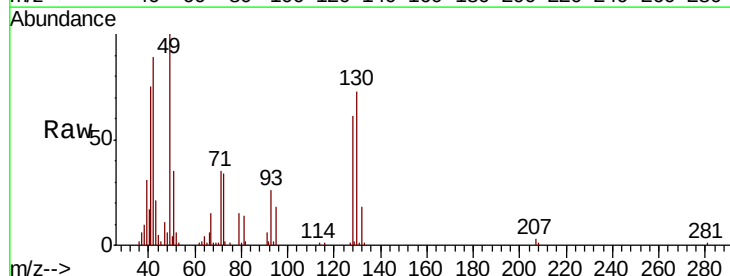
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



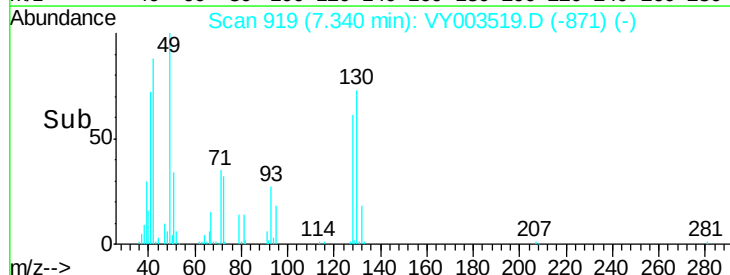
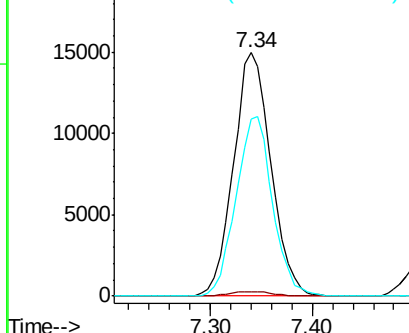
#28

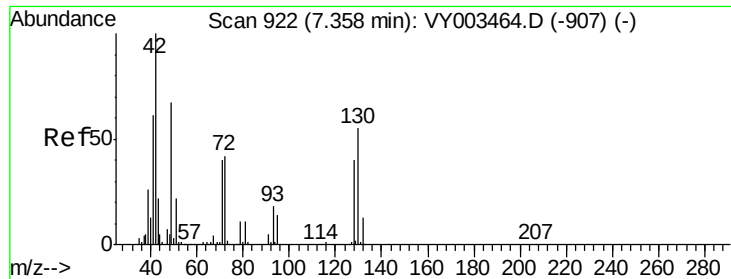
Bromochloromethane
 Concen: 20.196 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.2	
130	72.1	60.0	90.0	



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0





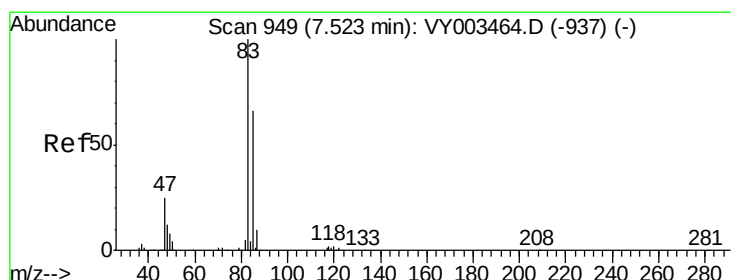
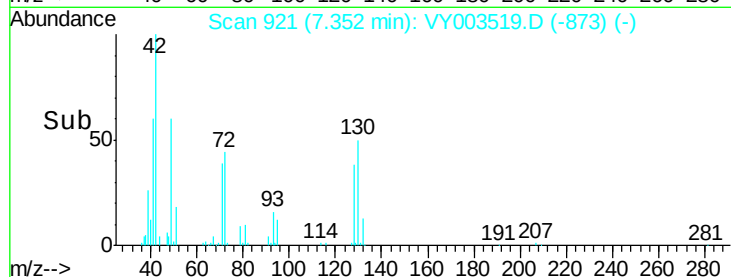
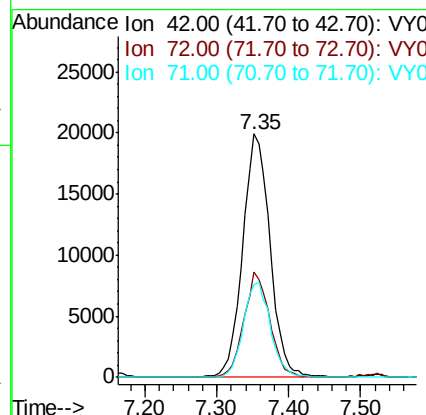
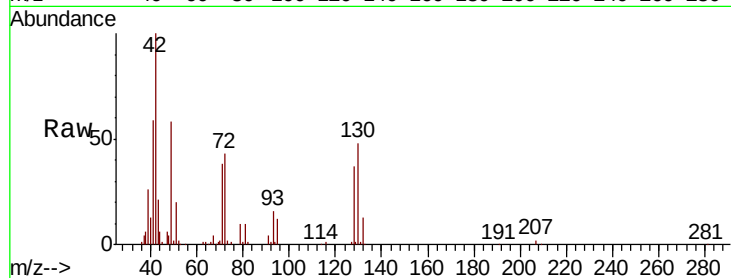
#29
Tetrahydrofuran
Concen: 105.358 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.8	49.2
71	38.5	30.7	46.1

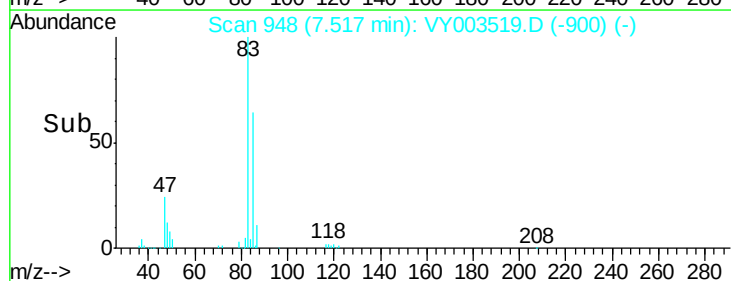
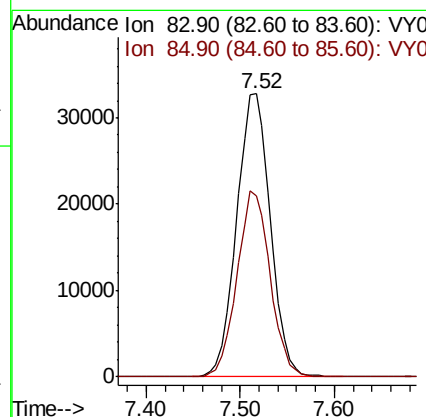
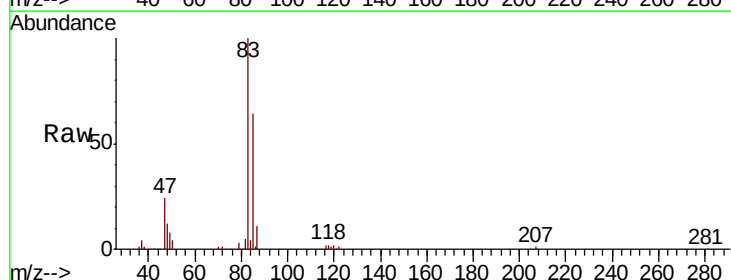
Manual Integrations
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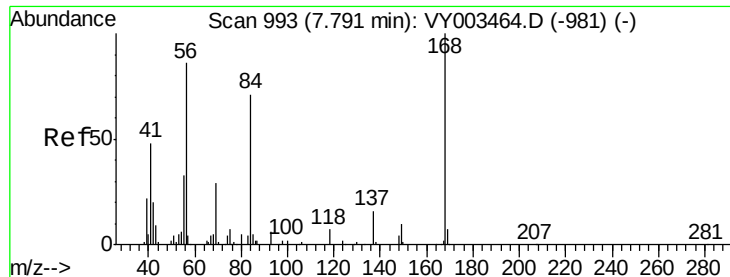
MMDadoda
11/6/2020 9:27:08 AM



#30
Chloroform
Concen: 22.239 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	79.0





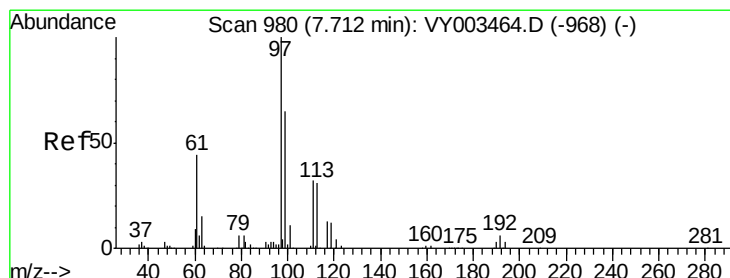
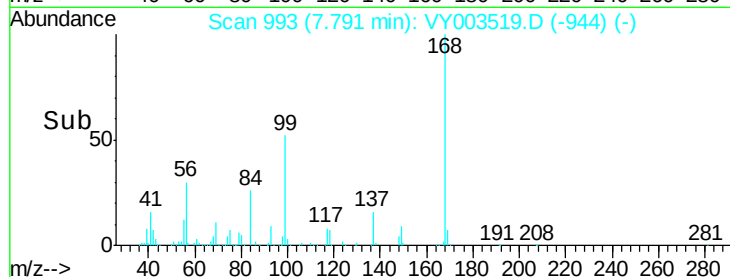
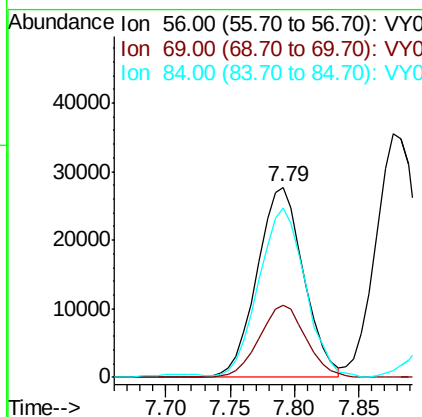
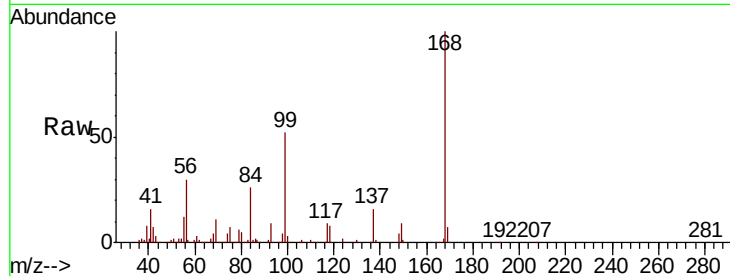
#31
Cyclohexane
Concen: 20.097 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	37.8	26.6	39.8	
84	87.2	65.9	98.9	

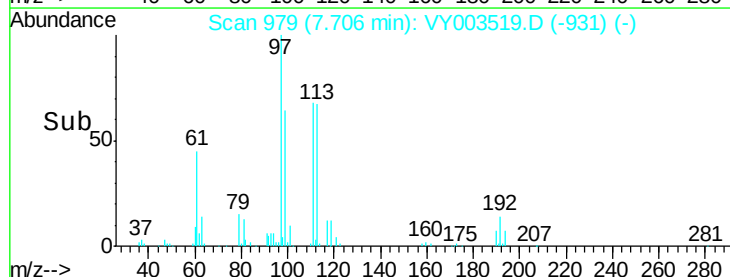
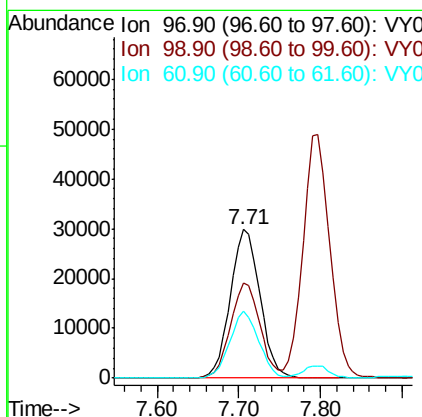
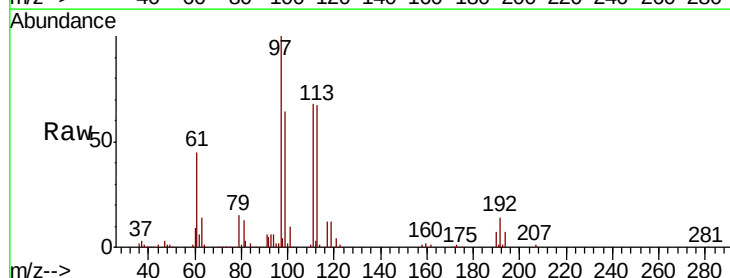
Manual Integrations
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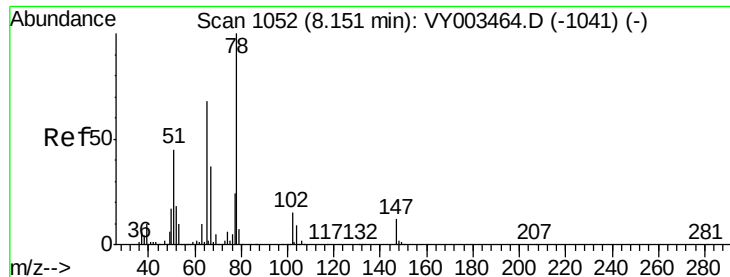
MMDadoda
11/6/2020 9:27:08 AM



#32
1,1,1-Trichloroethane
Concen: 21.801 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.1	51.6	77.4	
61	44.1	35.1	52.7	





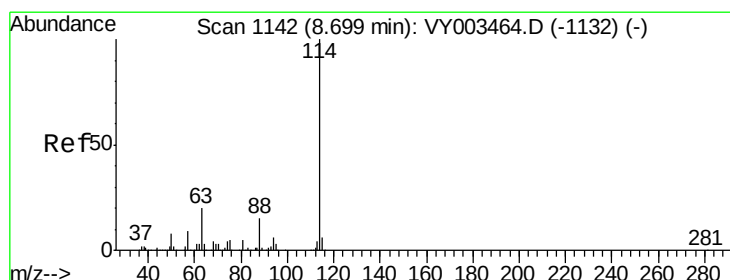
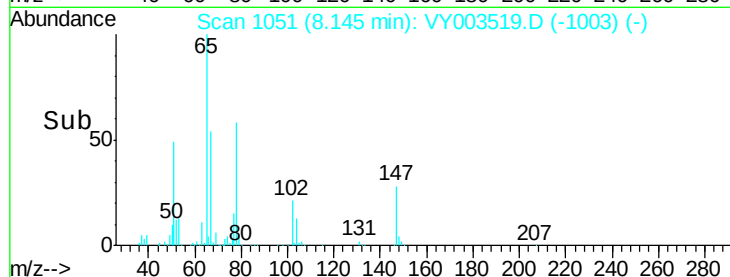
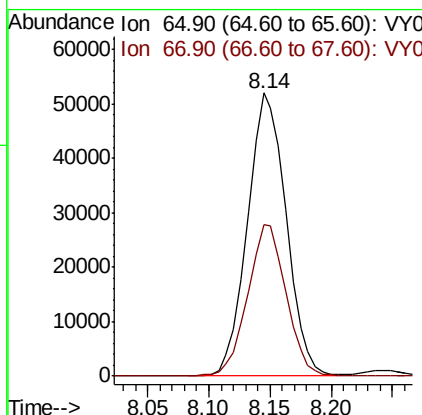
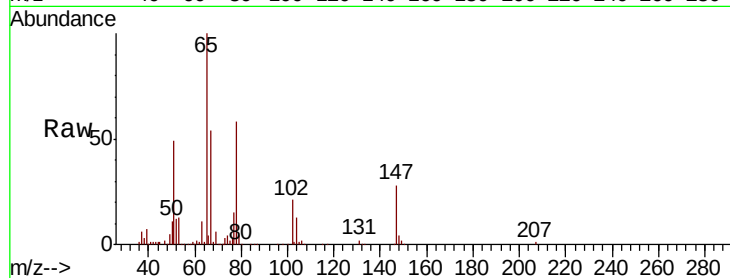
#33
 1,2-Dichloroethane-d4
 Concen: 49.596 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	106.0	

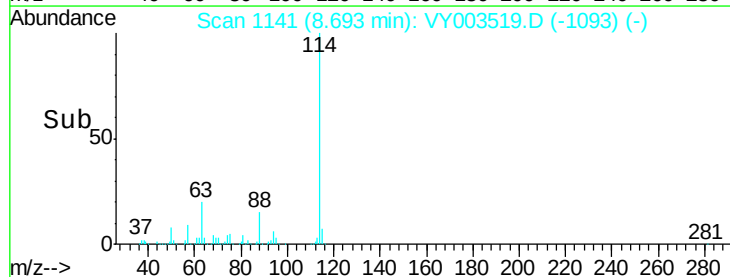
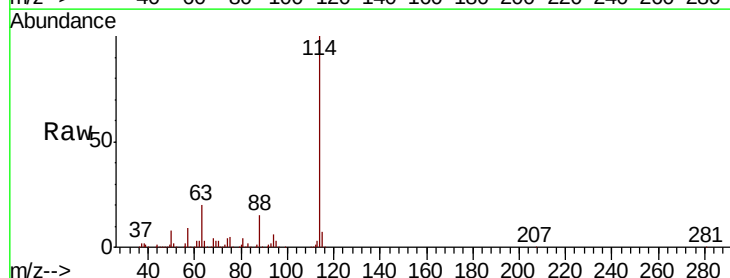
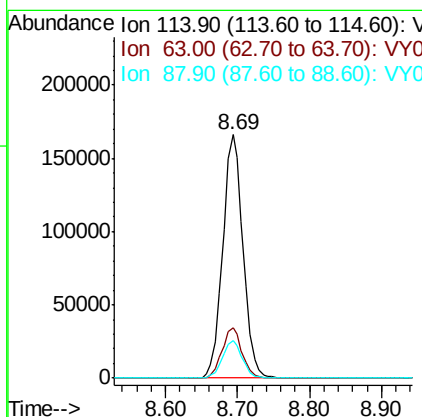
Manual Integrations
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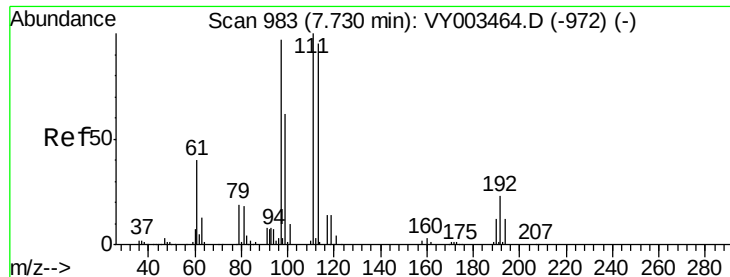
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 11/6/2020 9:27:08 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	40.6	
88	15.4	0.0	29.4	





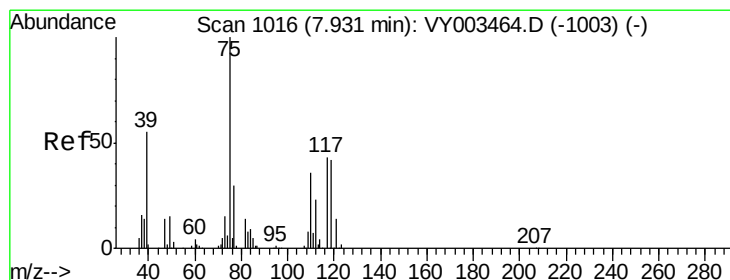
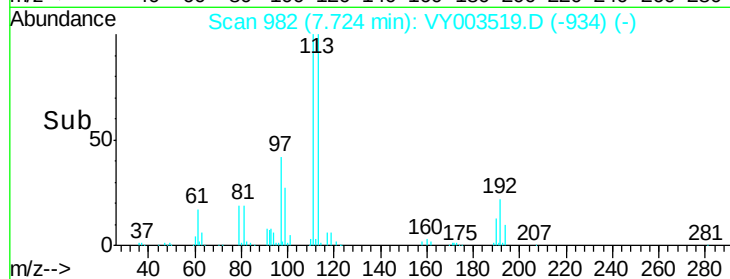
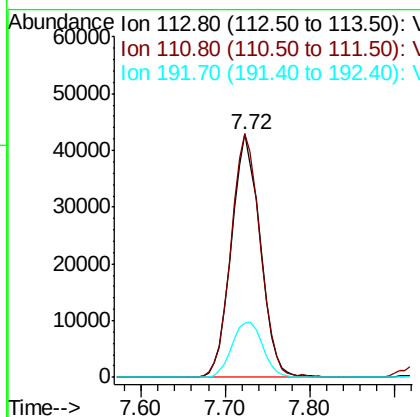
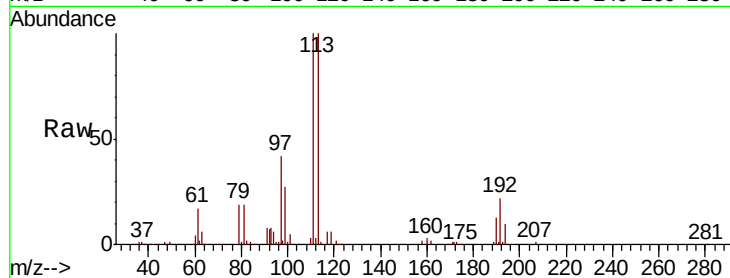
#35
 Dibromofluoromethane
 Concen: 50.174 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion:	113	Resp:	99231
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.8	122.6
192	24.2	18.8	28.2

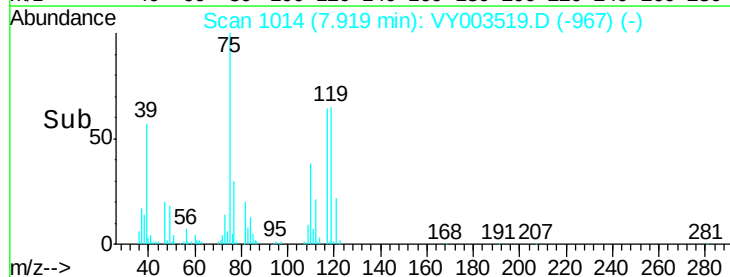
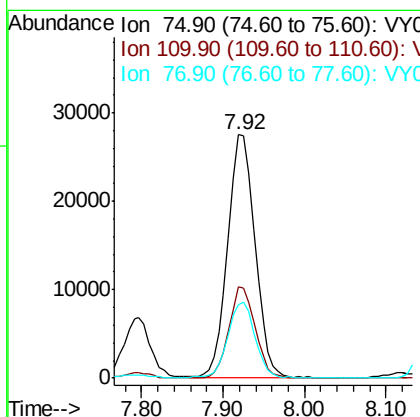
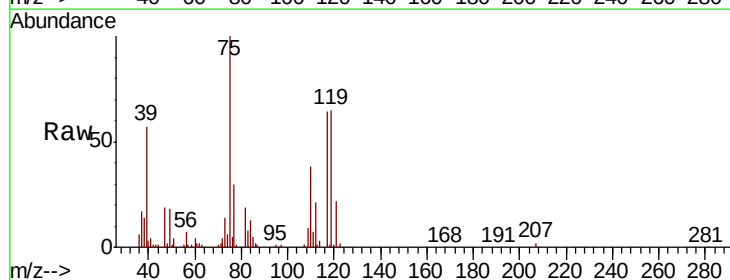
Manual Integrations
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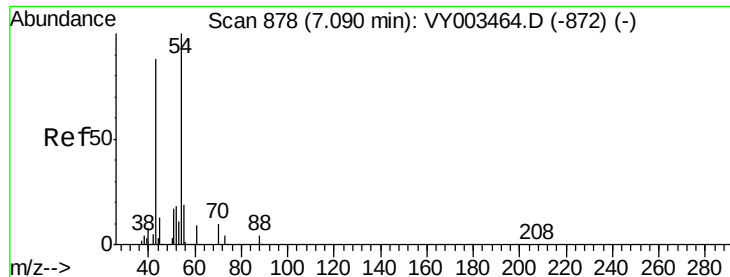
MMDadoda
 11/6/2020 9:27:08 AM



#36
 1,1-Dichloropropene
 Concen: 20.977 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion:	75	Resp:	64278
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.6	52.9
77	30.9	24.7	37.1





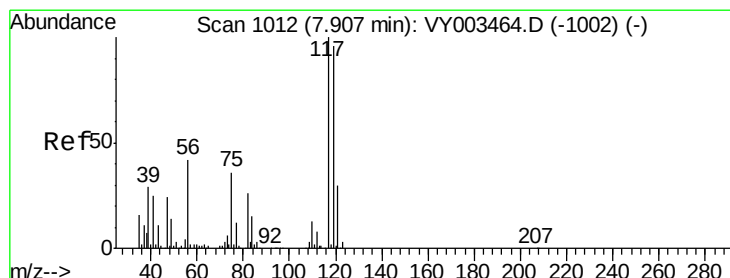
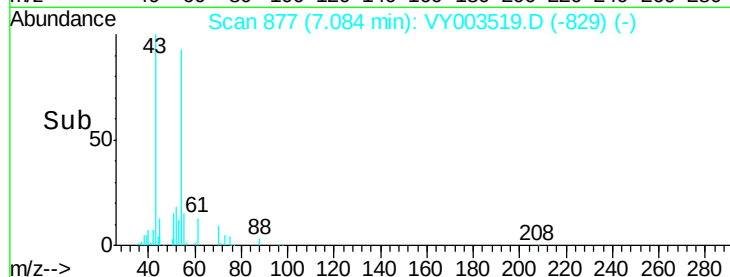
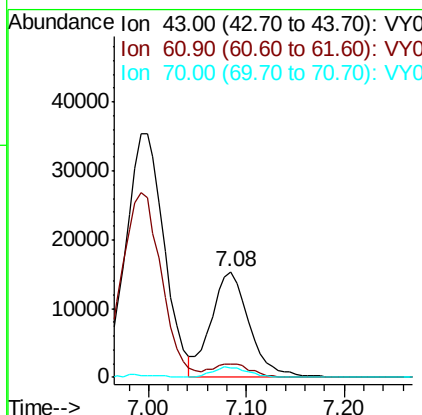
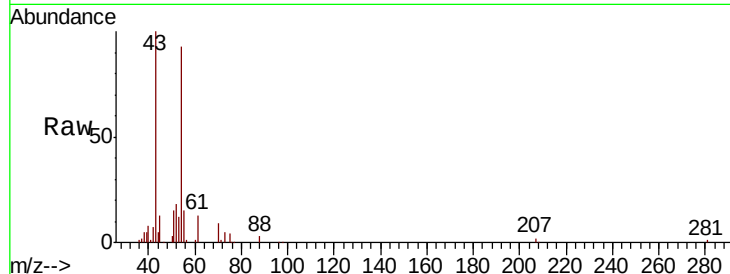
#37
Ethyl Acetate
Concen: 21.653 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.6
70	9.2	7.9	11.9

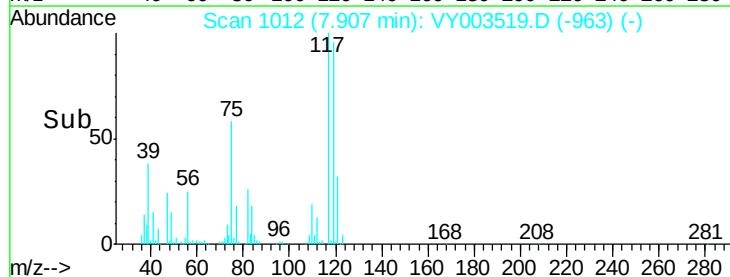
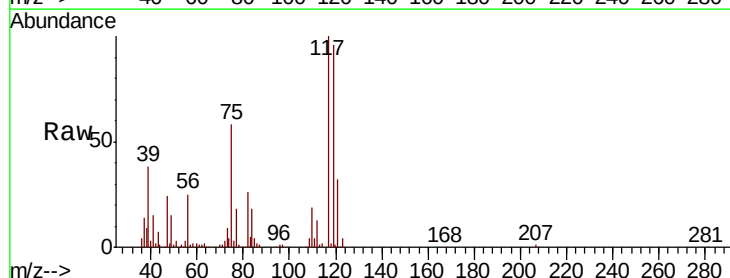
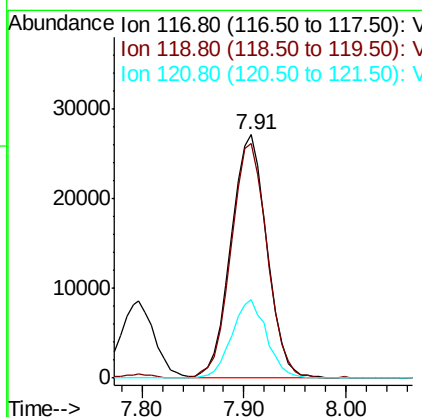
Manual Integrations
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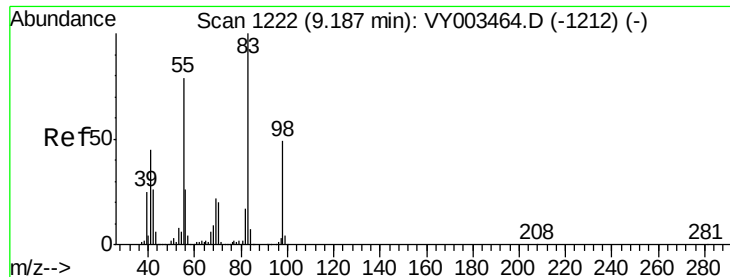
MMDadoda
11/6/2020 9:27:08 AM



#38
Carbon Tetrachloride
Concen: 20.812 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.4
121	32.1	24.2	36.4





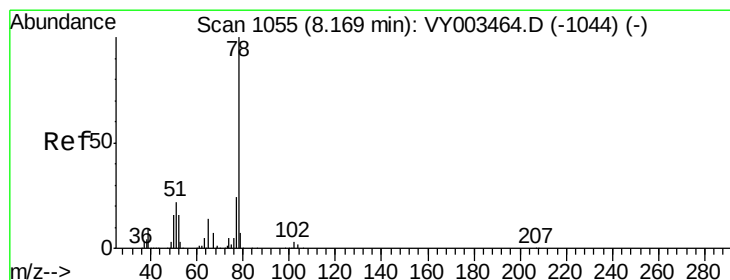
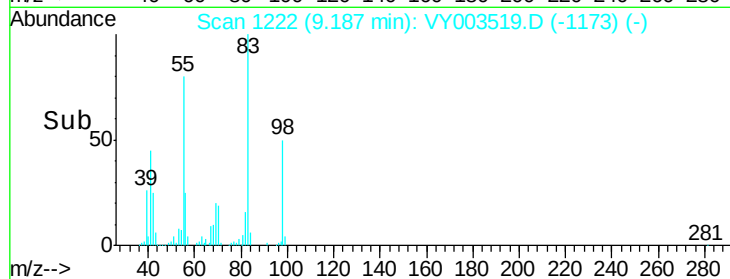
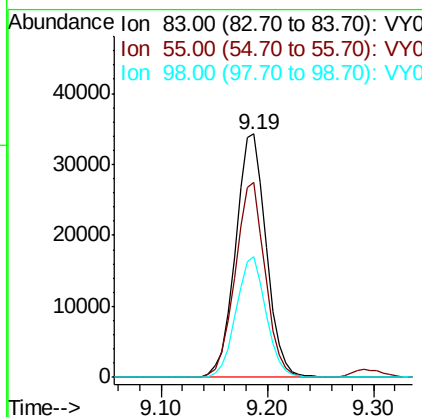
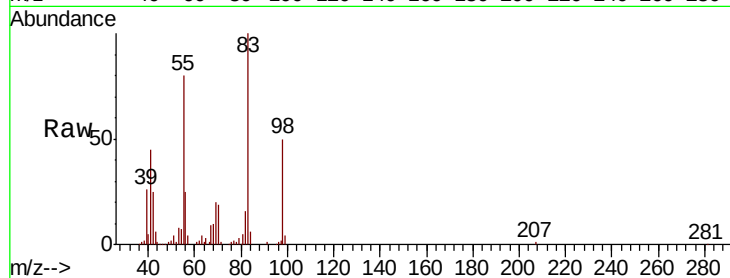
#39
Methylvlcyclohexane
Concen: 20.324 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	63.5	95.3
98	49.8	39.4	59.2

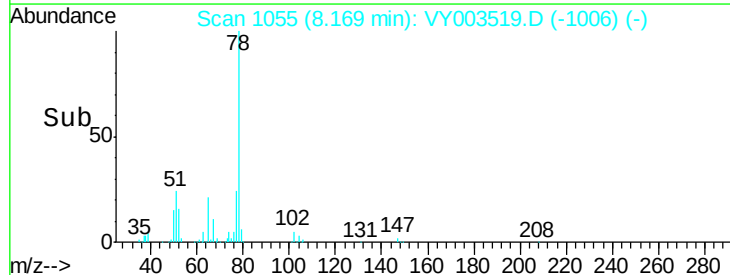
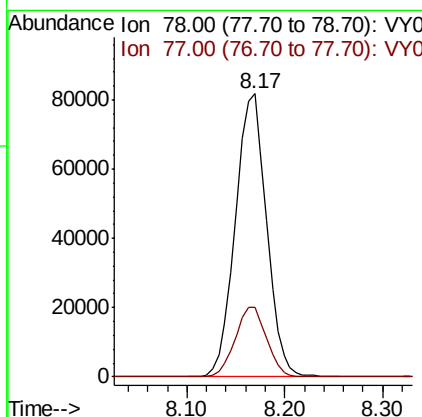
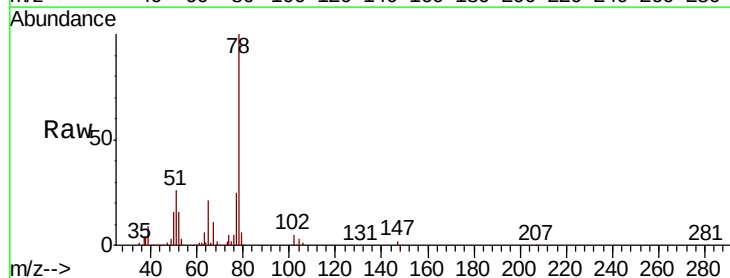
Manual Integrations
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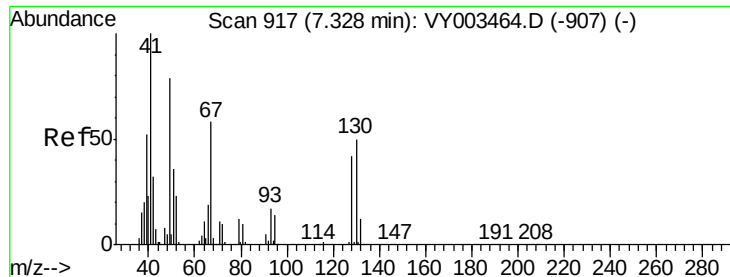
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#40
Benzene
Concen: 21.323 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.0





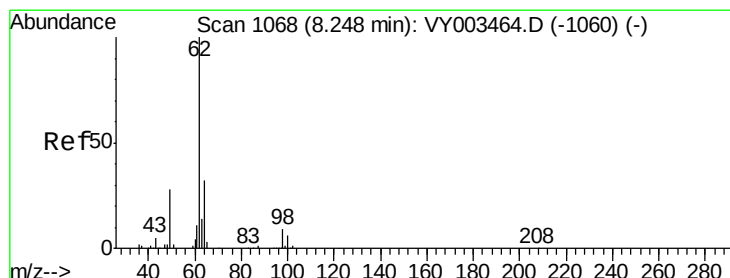
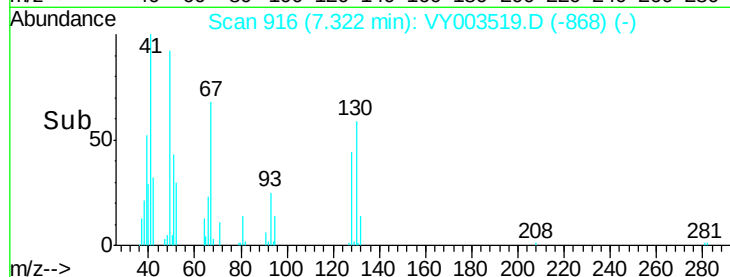
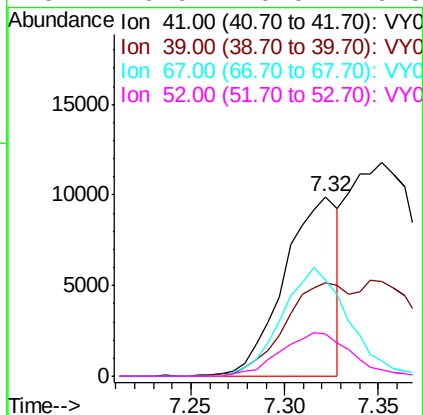
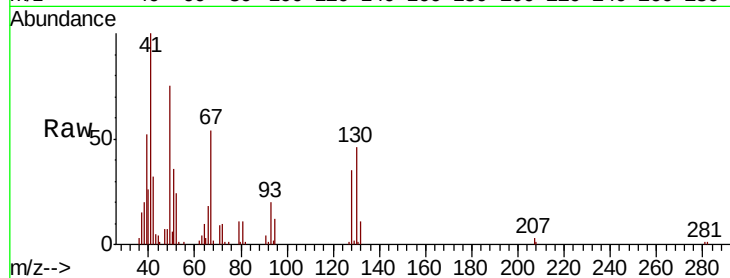
#41
Methacrylonitrile
Concen: 19.533 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

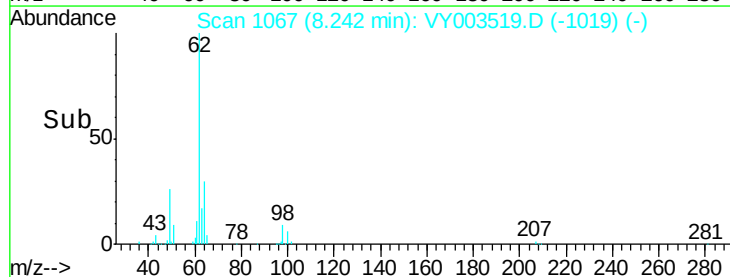
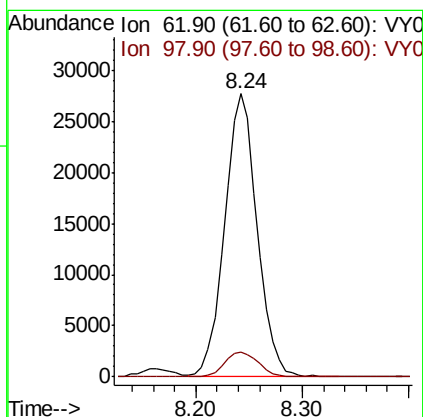
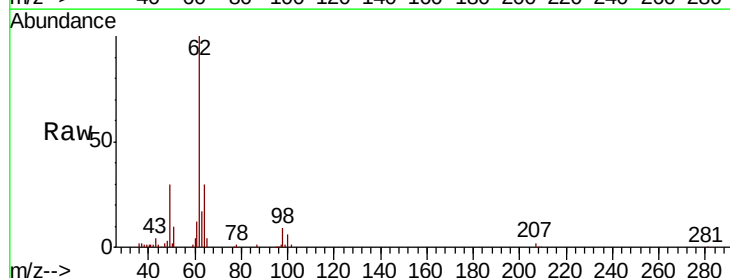
Manual Integrations
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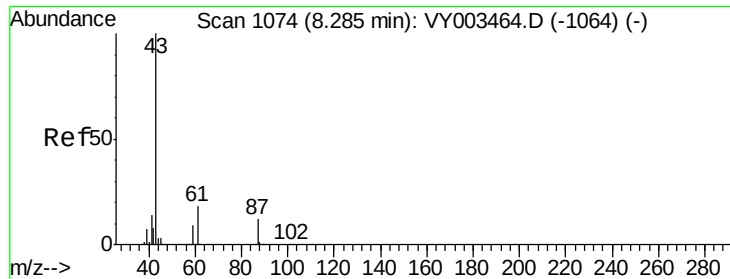
MMDadoda
11/6/2020 9:27:08 AM



#42
1,2-Dichloroethane
Concen: 22.098 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





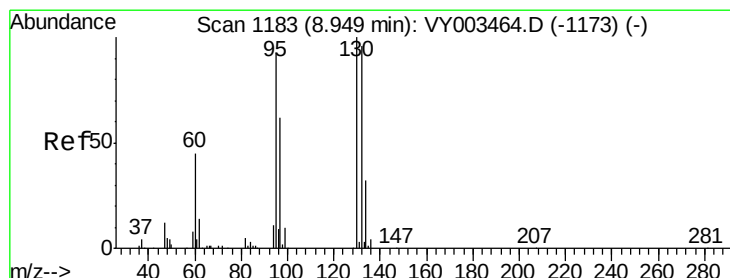
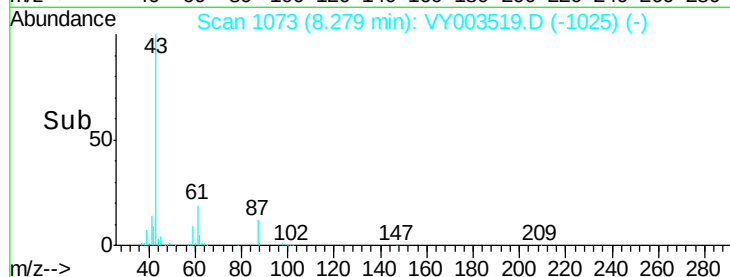
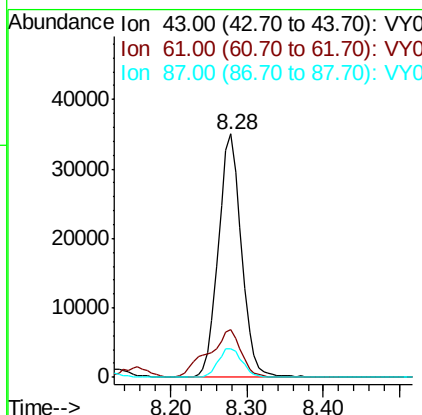
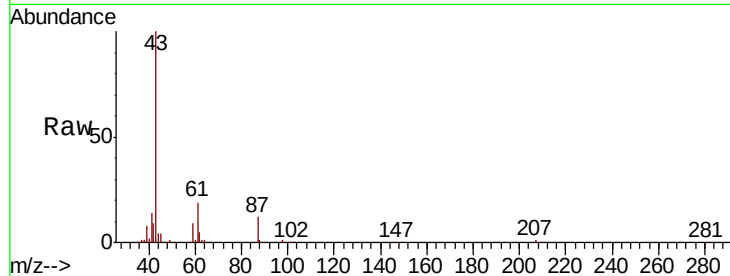
#43
Isopropyl Acetate
Concen: 21.479 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	43	Resp	73452
Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.9	32.9
87	12.1	10.0	15.0

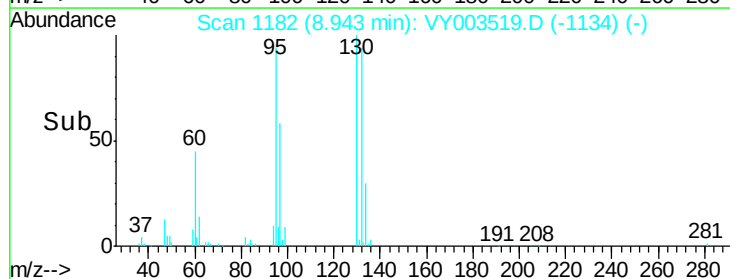
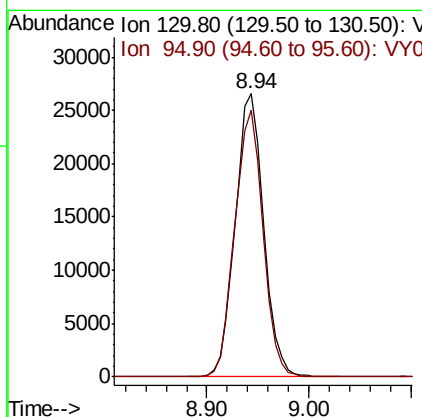
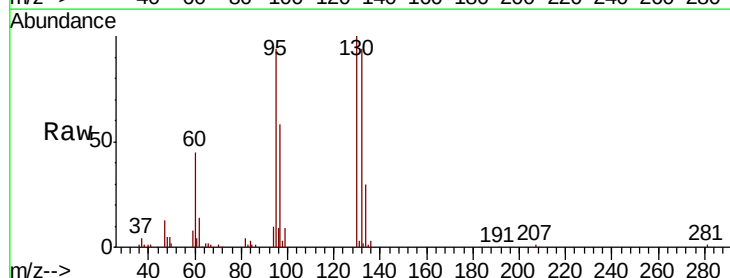
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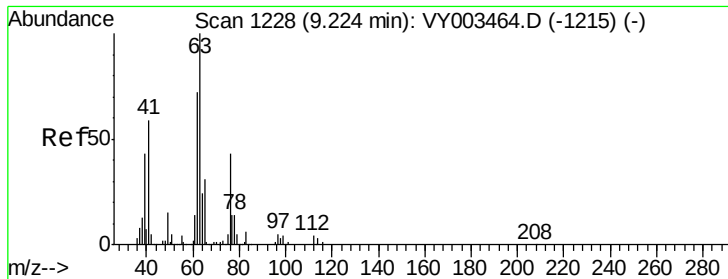
MMDadoda
11/6/2020 9:27:08 AM



#44
Trichloroethene
Concen: 21.354 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	130	Resp	51121
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	186.6





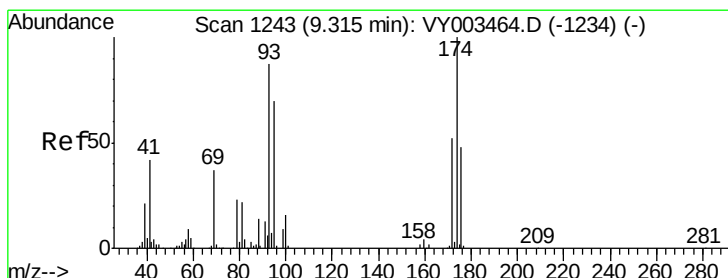
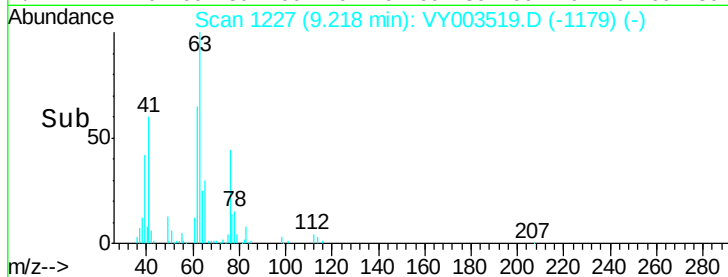
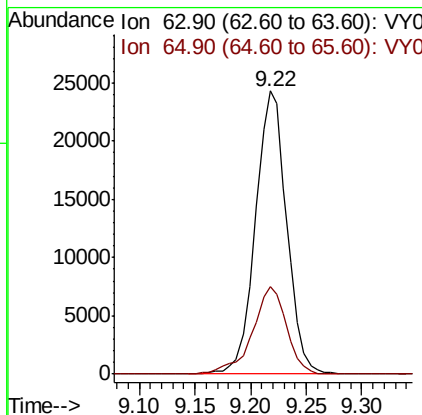
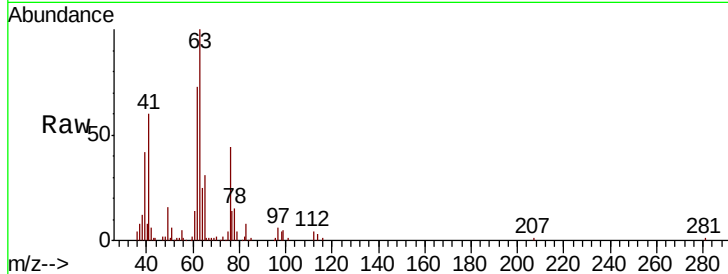
#45
 1,2-Dichloropropane
 Concen: 22.028 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.6	36.8

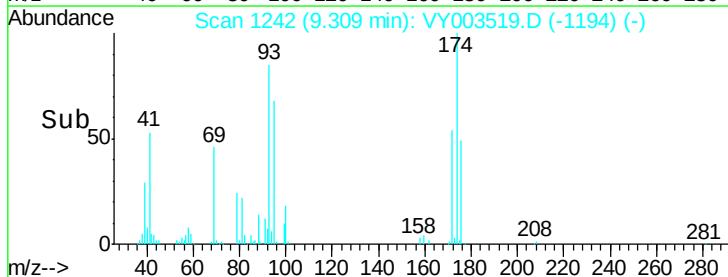
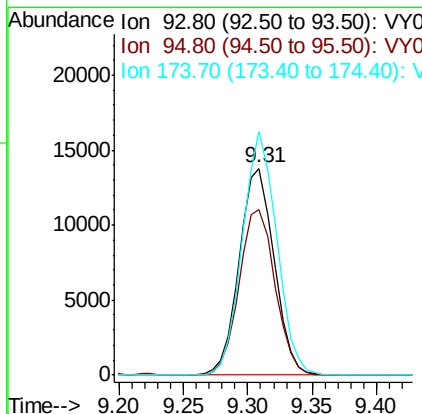
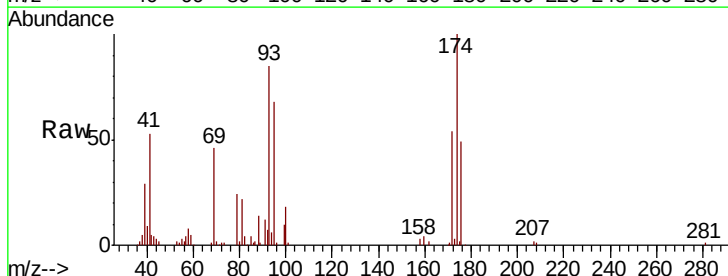
Manual Integrations
 APPROVED

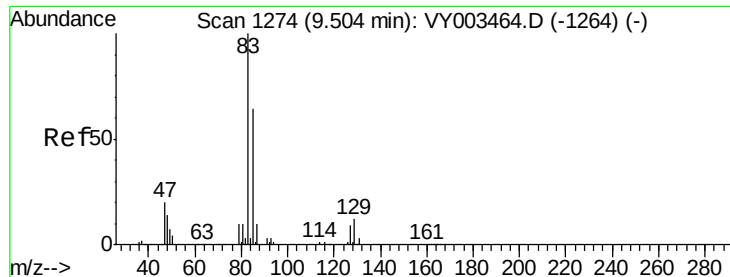
MMDadoda
 11/6/2020 9:27:08 AM



#46
 Dibromomethane
 Concen: 21.842 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.6
174	115.4	91.8	137.6





#47

Bromodichloromethane

Concen: 22.219 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

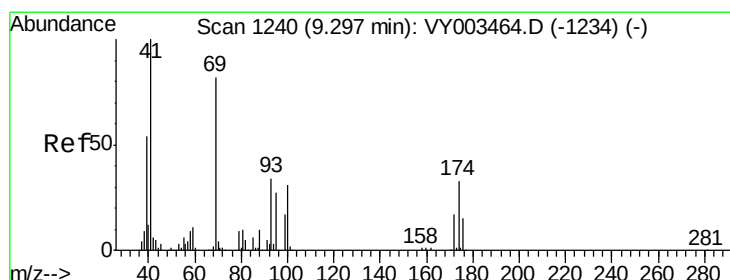
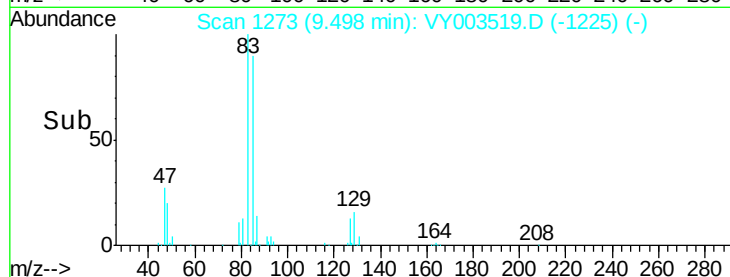
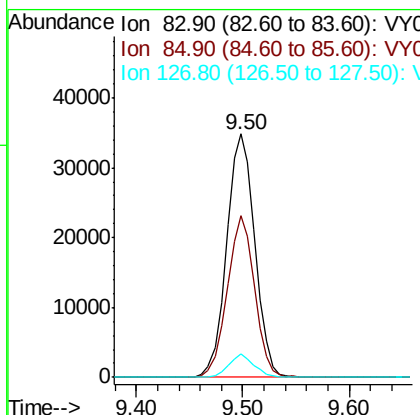
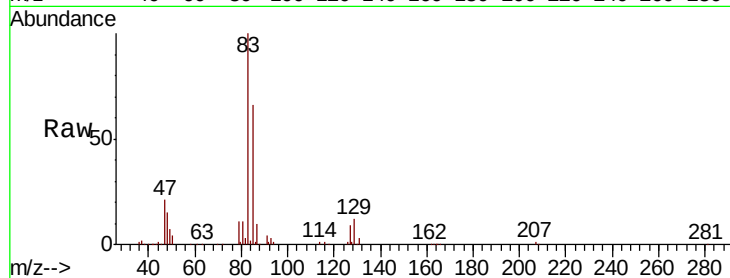
ClientSampleId :

VY1105SBS01

Tot Ion:	83	Resp:	64433
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.0	76.6
127	9.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.025 ug/l

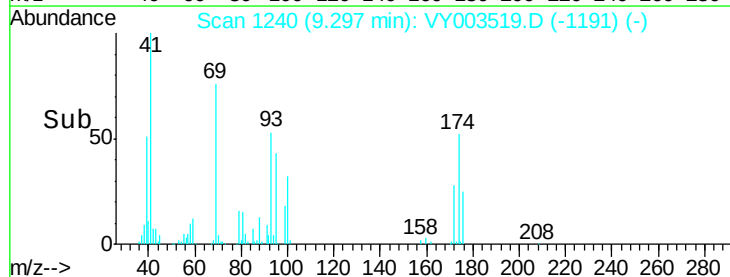
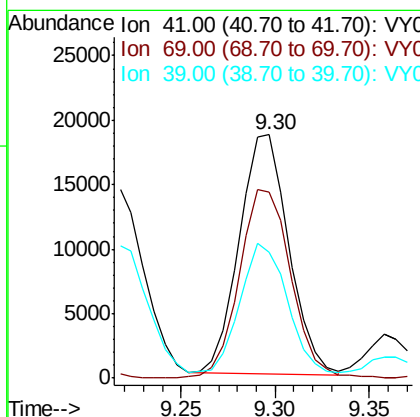
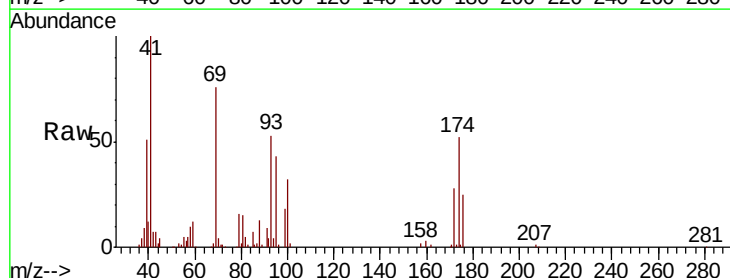
RT: 9.30 min Scan# 1240

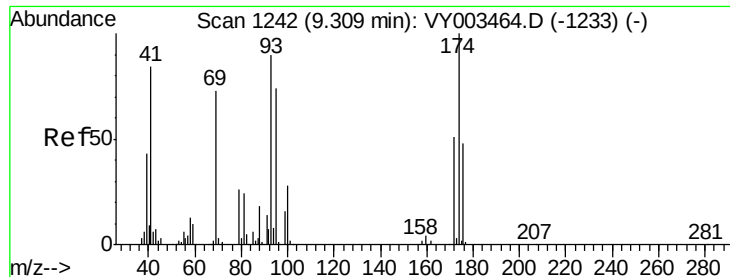
Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion:	41	Resp:	33868
Ion Ratio	Lower	Upper	
41	100		
69	82.0	65.9	98.9
39	56.4	43.2	64.8





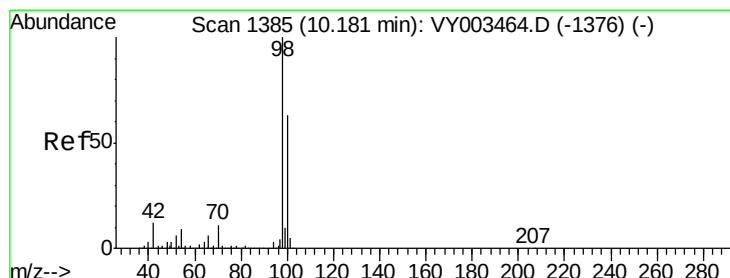
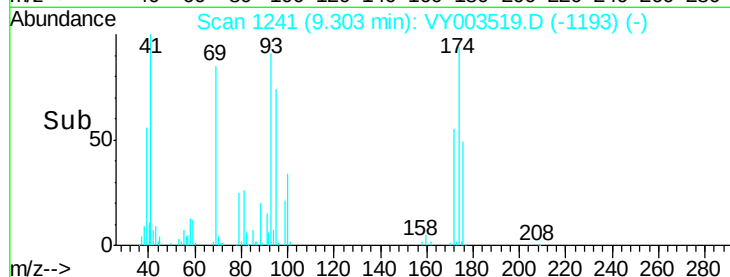
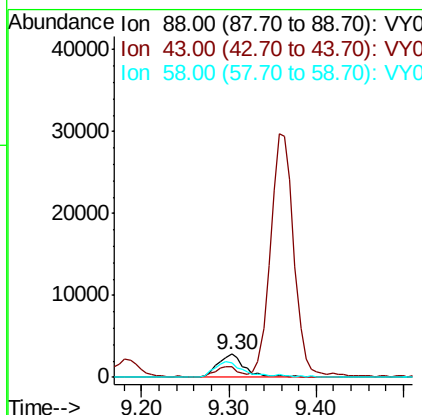
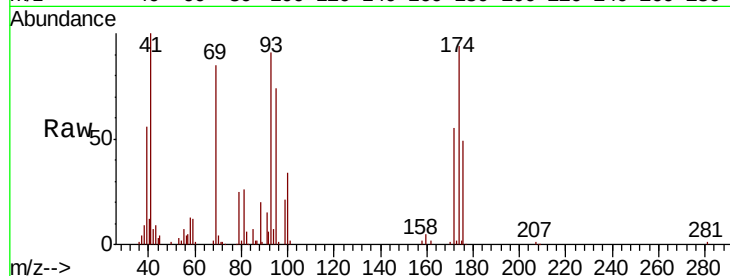
#49
1,4-Dioxane
Concen: 425.619 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.3	27.6	41.4
58	70.2	54.2	81.2

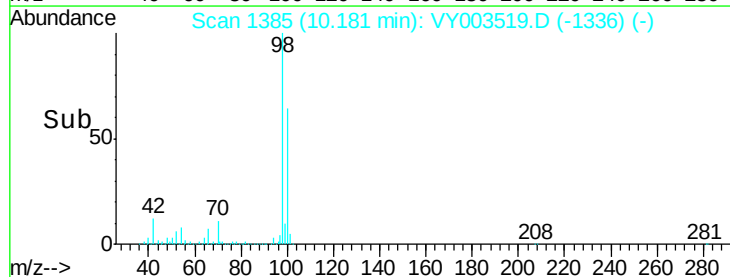
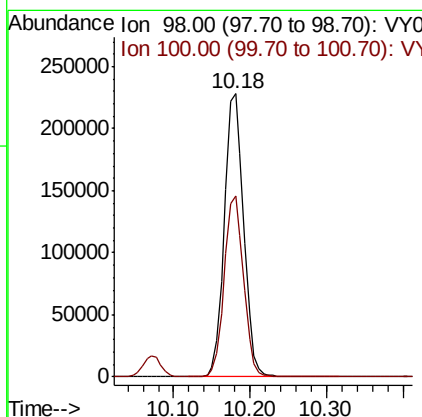
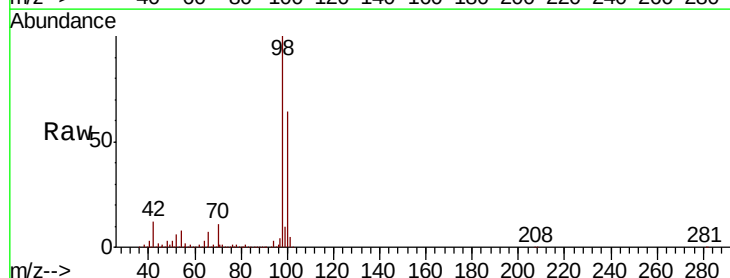
Manual Integrations
APPROVED

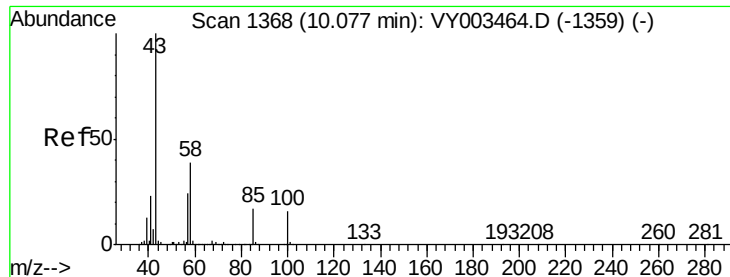
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#50
Toluene-d8
Concen: 48.371 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 108.627 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 43 Resp: 197917

Ion Ratio Lower Upper

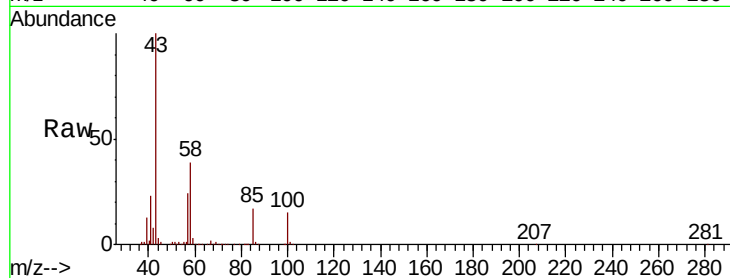
43 100

58 37.8 31.0 46.4

Manual Integrations
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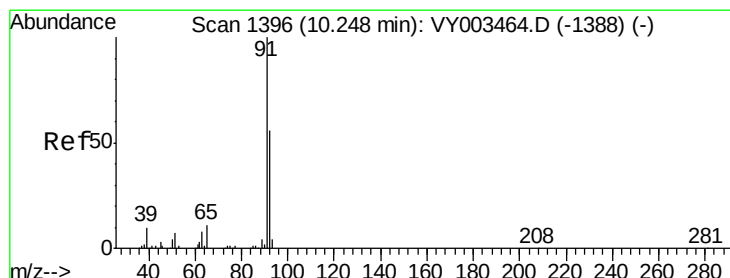
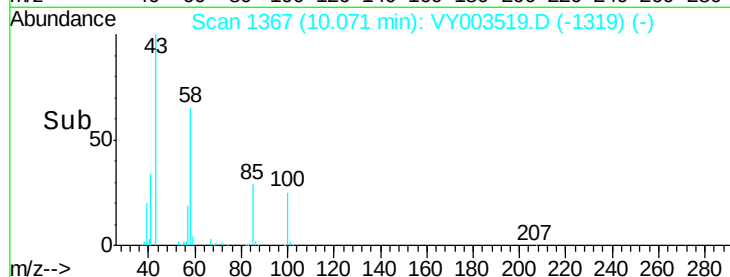
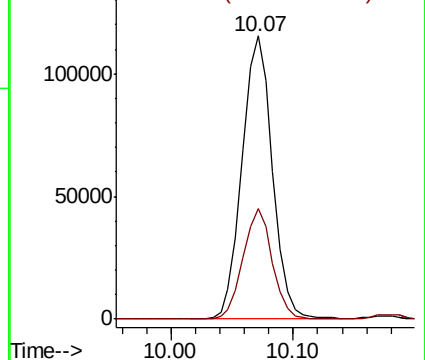
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.628 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003519.D

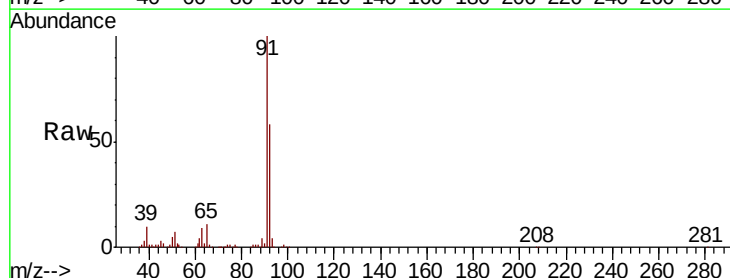
Acq: 05 Nov 2020 12:07

Tgt Ion: 92 Resp: 115359

Ion Ratio Lower Upper

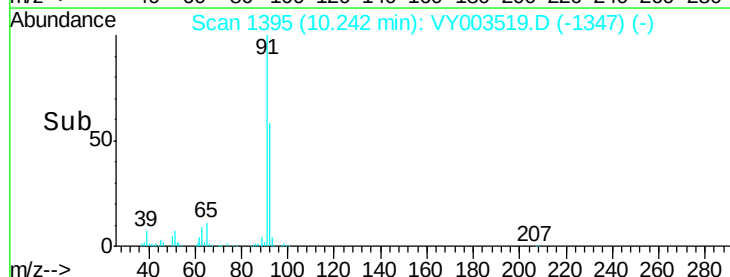
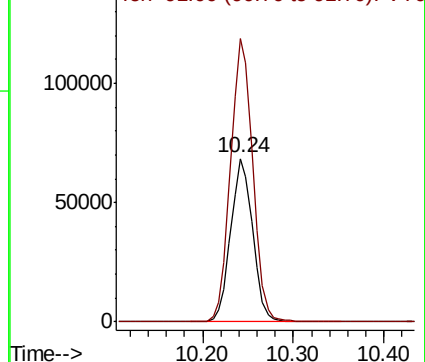
92 100

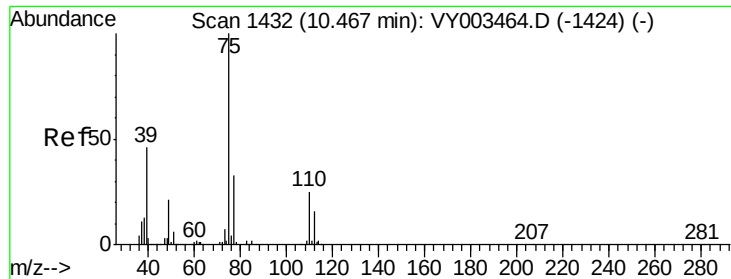
91 175.0 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 21.681 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 75 Resp: 66910

Ion Ratio Lower Upper

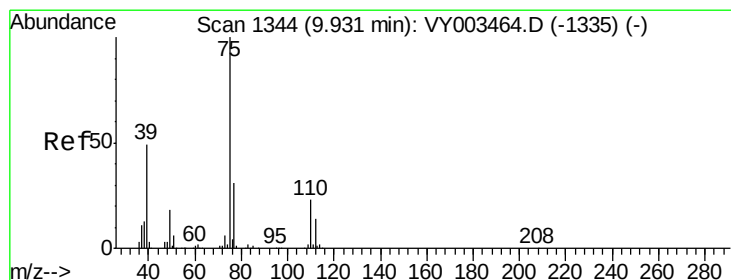
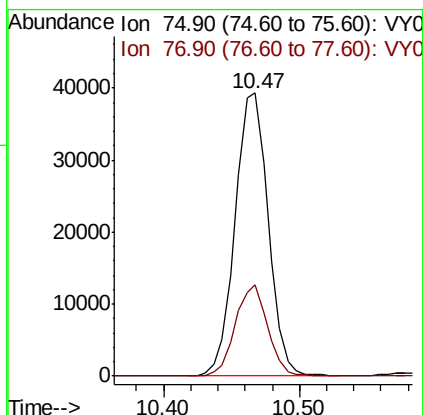
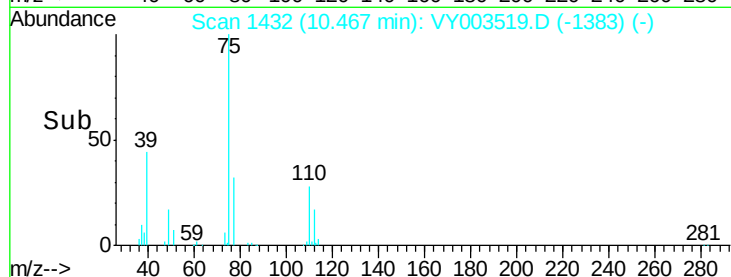
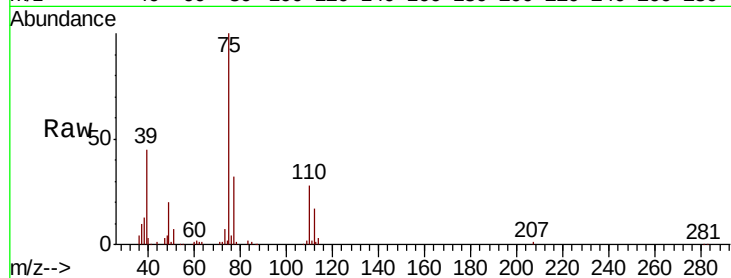
75 100

77 32.1 26.2 39.4

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#54

cis-1,3-Dichloropropene

Concen: 22.131 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

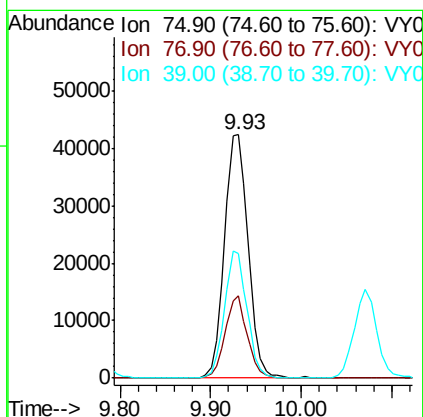
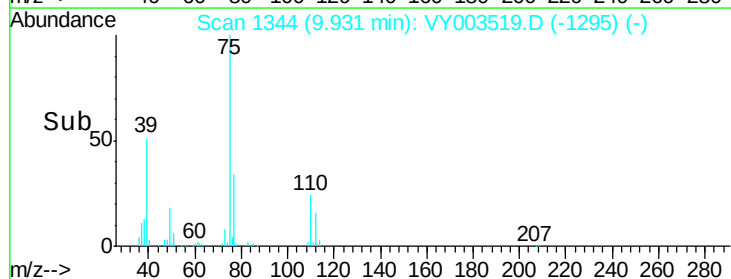
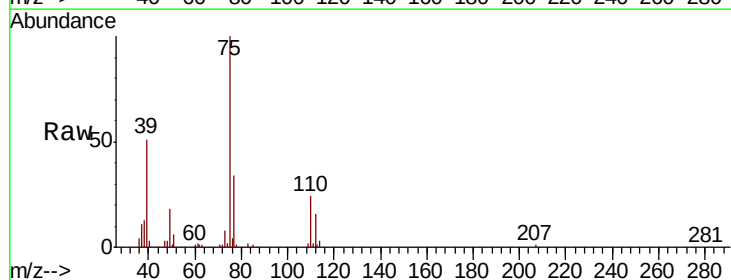
Tgt Ion: 75 Resp: 76854

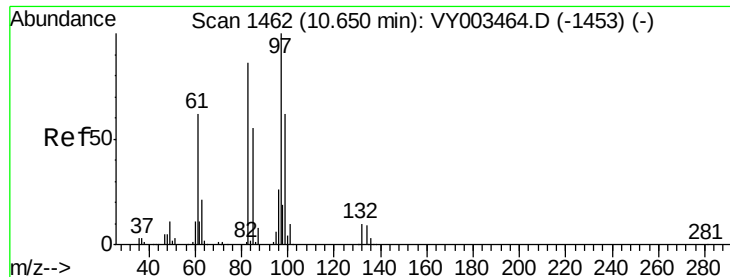
Ion Ratio Lower Upper

75 100

77 33.8 24.5 36.7

39 51.1 39.0 58.4





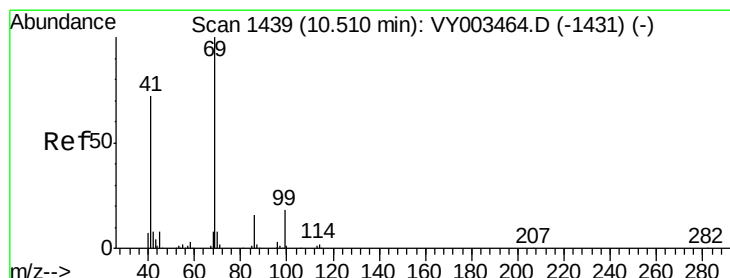
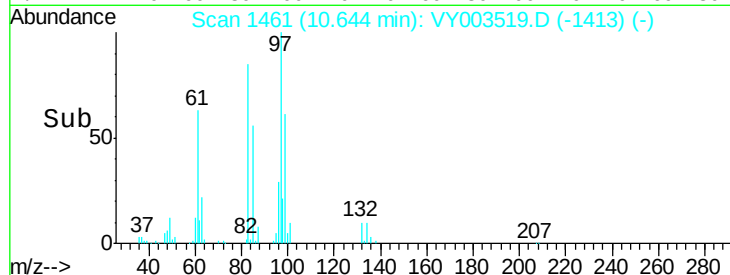
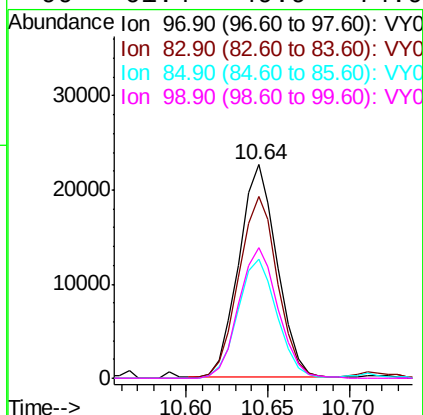
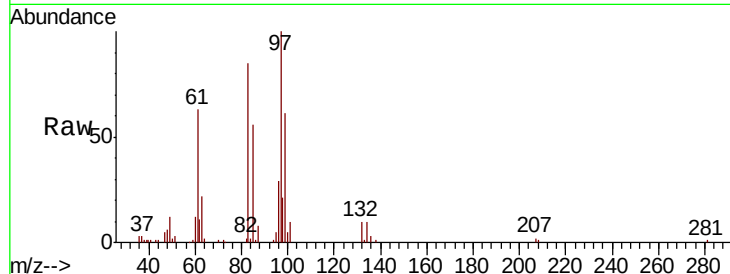
#55
 1,1,2-Trichloroethane
 Concen: 21.990 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion:	97	Resp:	36984
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.6	102.8
85	56.0	43.8	65.6
99	61.4	49.9	74.9

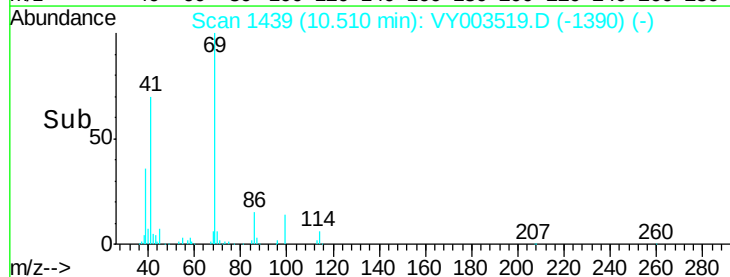
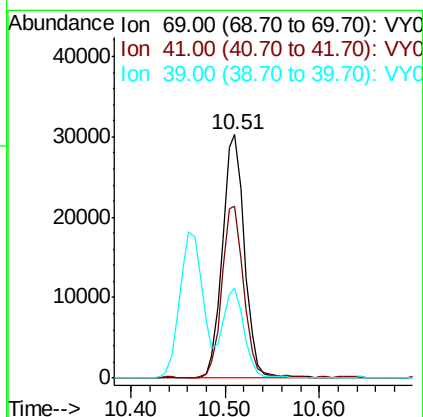
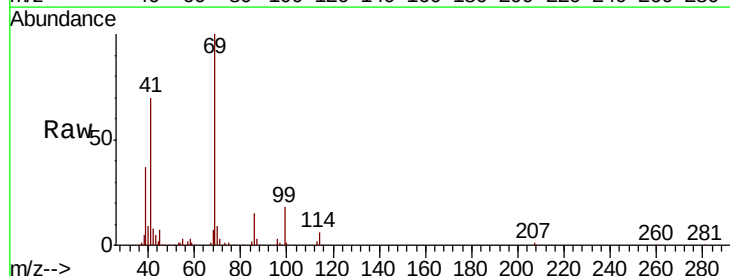
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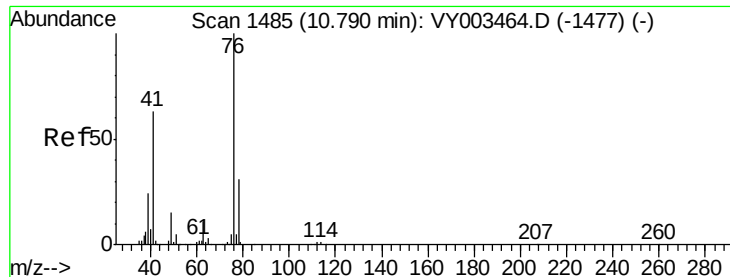
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 11/6/2020 9:27:08 AM



#56
 Ethyl methacrylate
 Concen: 21.788 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion:	69	Resp:	49083
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.4	83.2
39	36.5	28.7	43.1





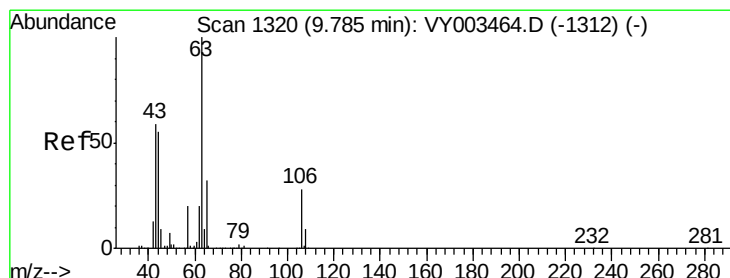
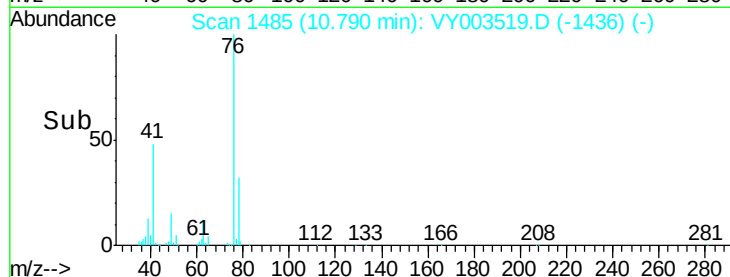
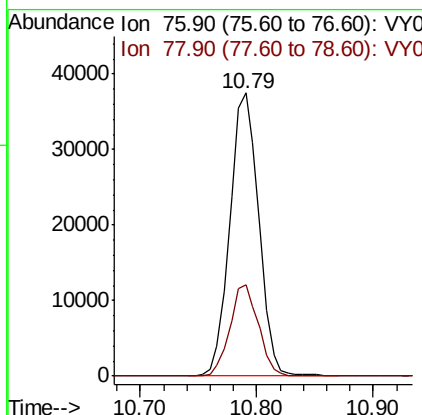
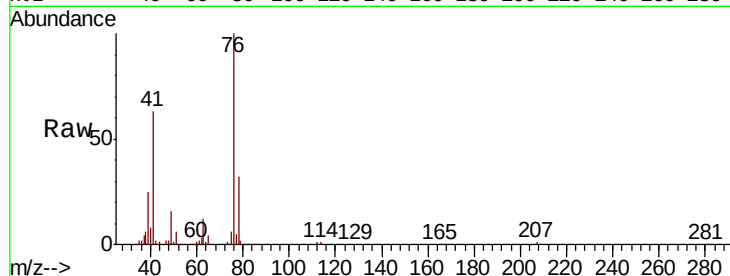
#57
 1,3-Dichloropropane
 Concen: 22.121 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8

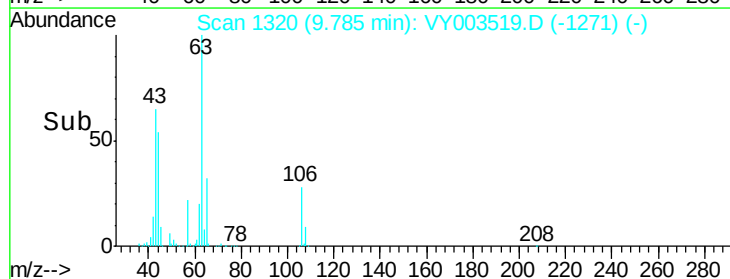
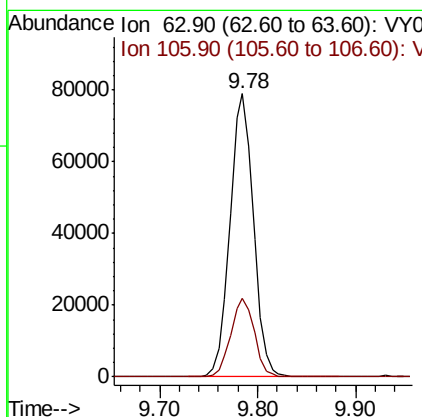
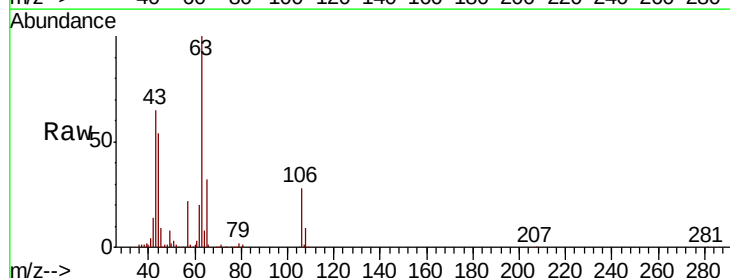
Manual Integrations
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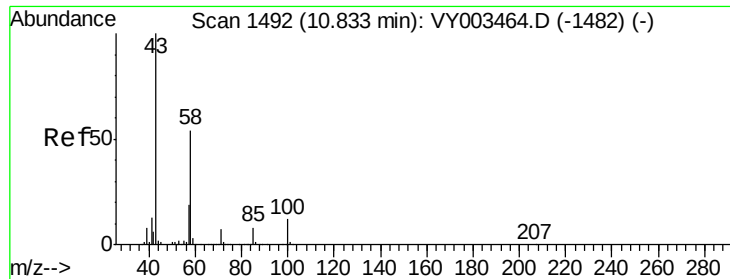
MMDadoda
 11/6/2020 9:27:08 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.110 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.3	33.5





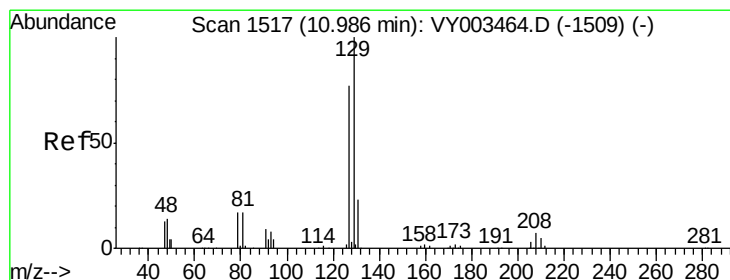
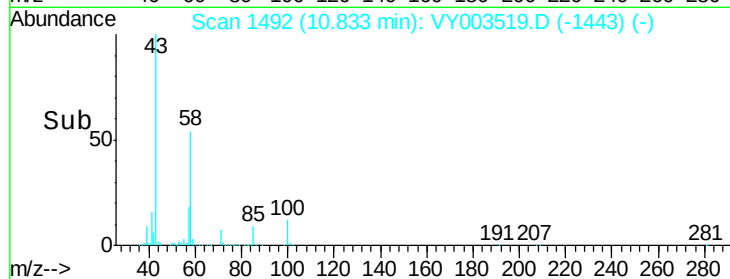
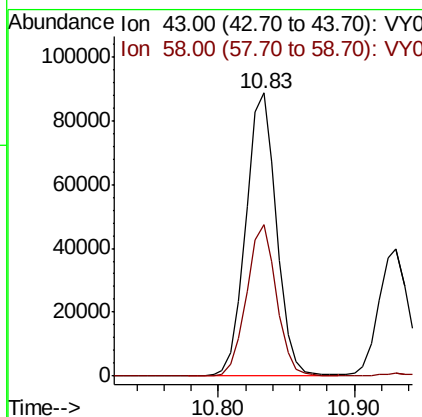
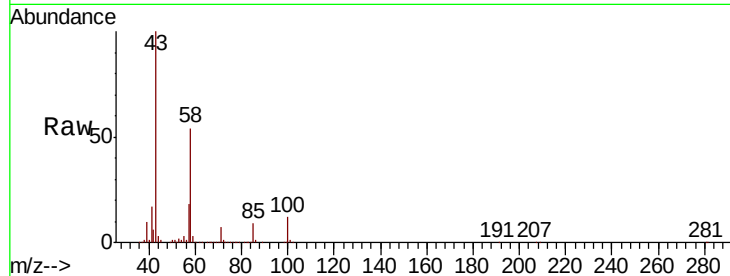
#59
2-Hexanone
Concen: 103.534 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.5	26.8	80.3

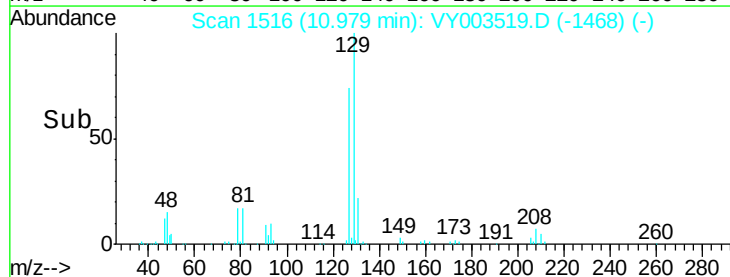
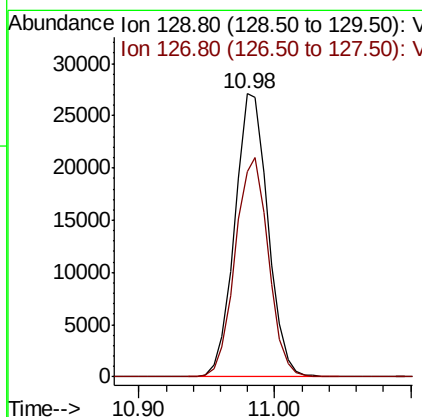
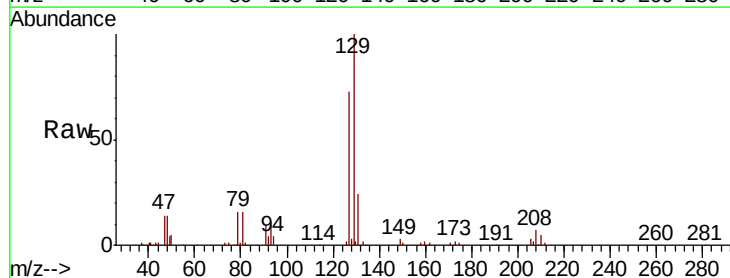
Manual Integrations
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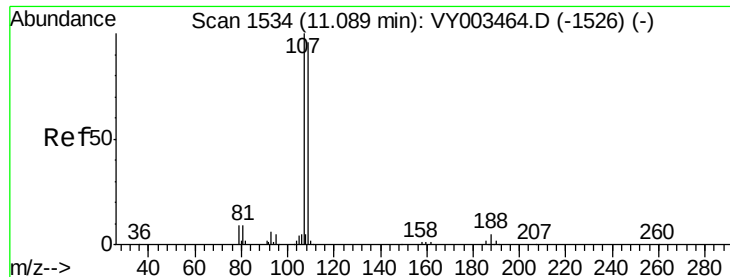
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#60
Dibromochloromethane
Concen: 22.308 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.8	116.3





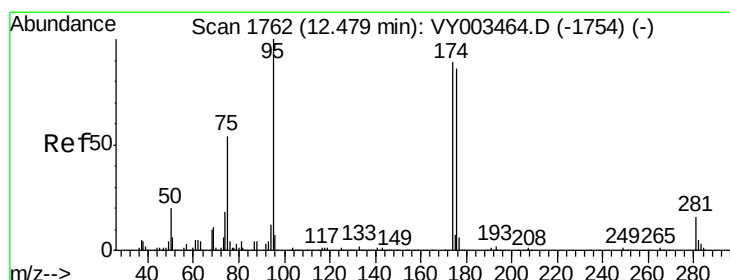
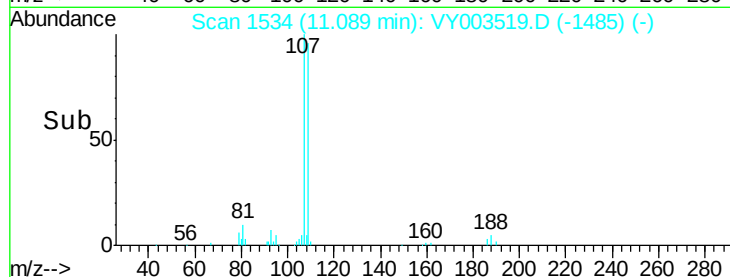
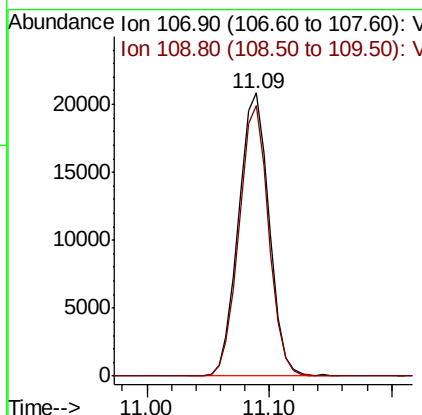
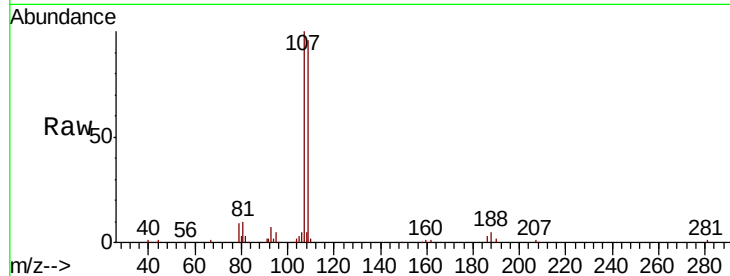
#61
 1,2-Dibromoethane
 Concen: 22.240 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	76.5	114.7

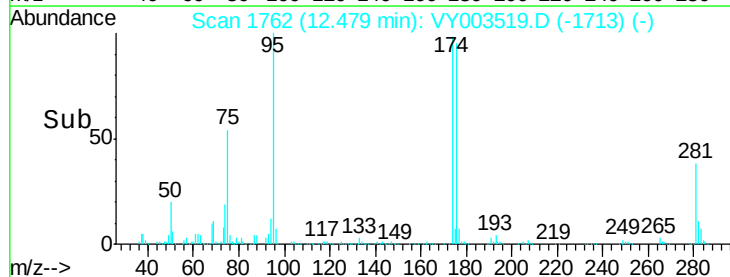
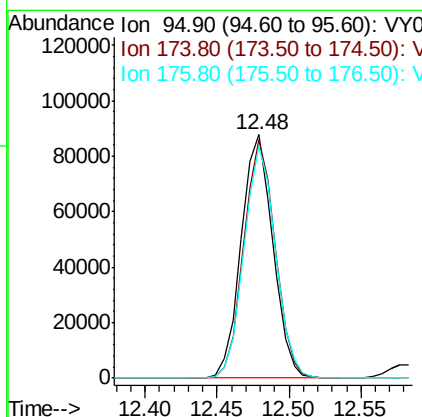
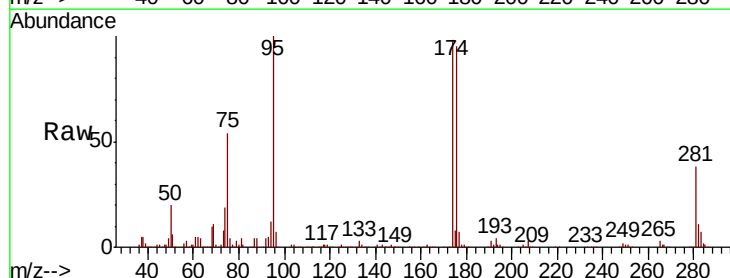
Manual Integrations
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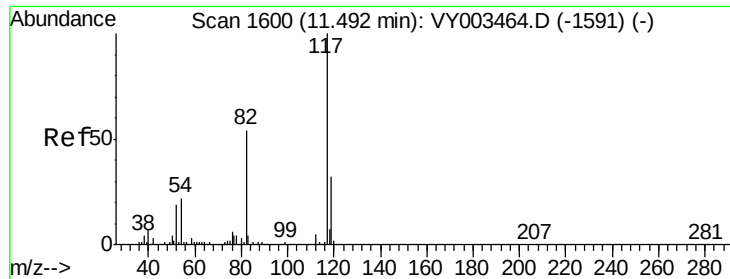
MMDadoda
 11/6/2020 9:27:08 AM



#62
 4-Bromofluorobenzene
 Concen: 49.213 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	193.0
176	94.1	0.0	187.4





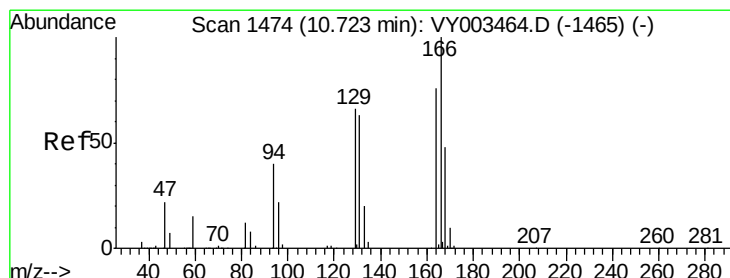
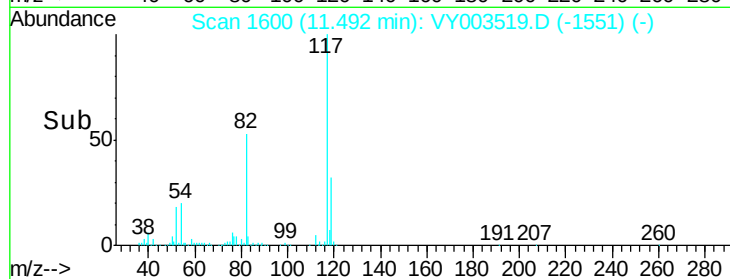
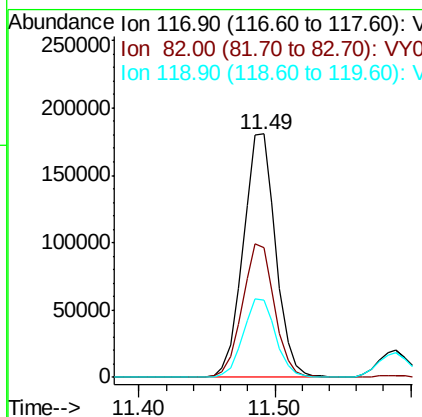
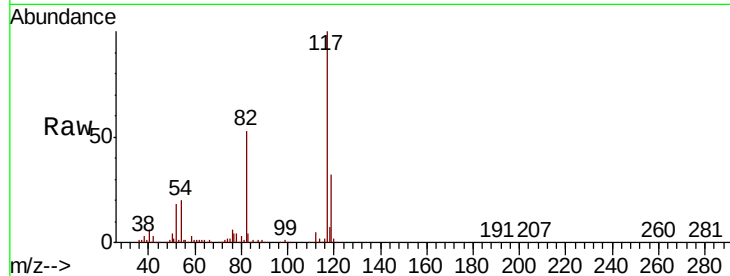
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.4	65.2
119	31.8	25.8	38.6

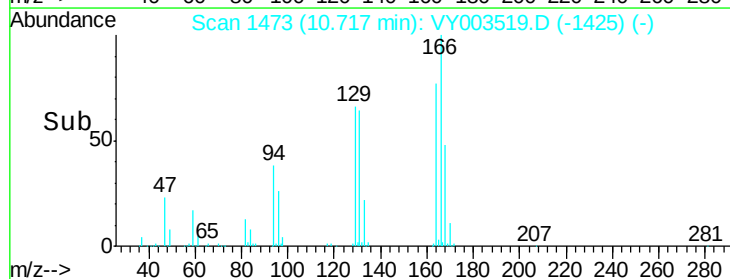
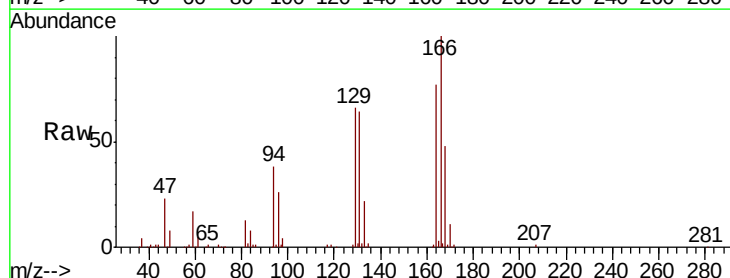
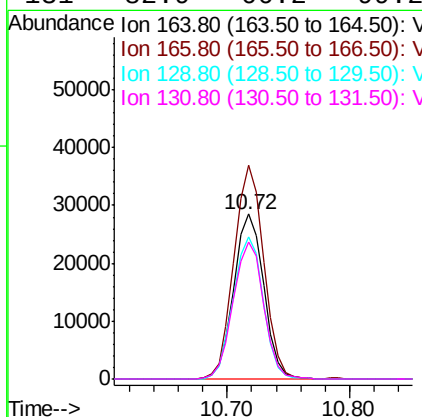
Manual Integrations
APPROVED

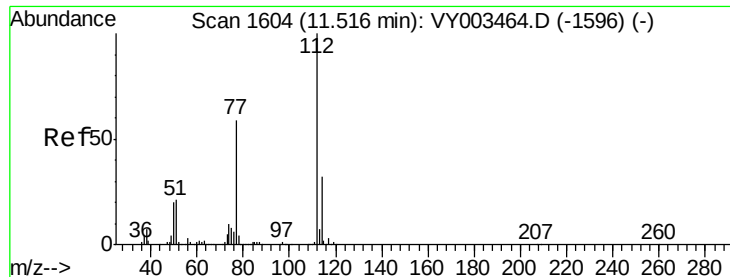
MMDadoda
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#64
Tetrachloroethene
Concen: 21.464 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	104.9	157.3
129	85.8	68.9	103.3
131	82.9	66.2	99.2





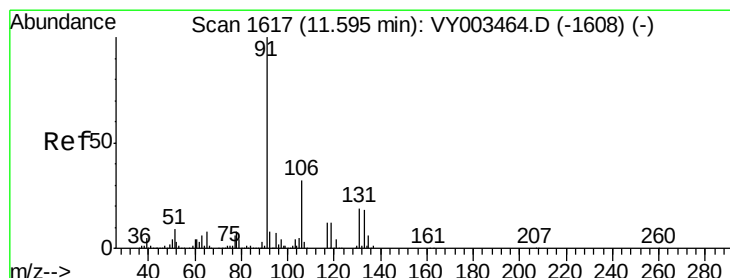
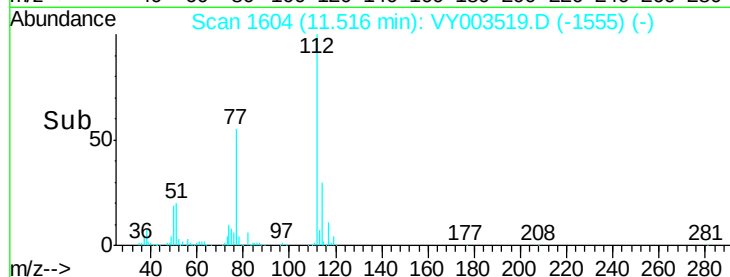
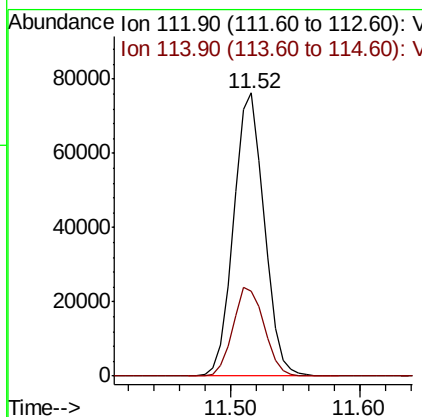
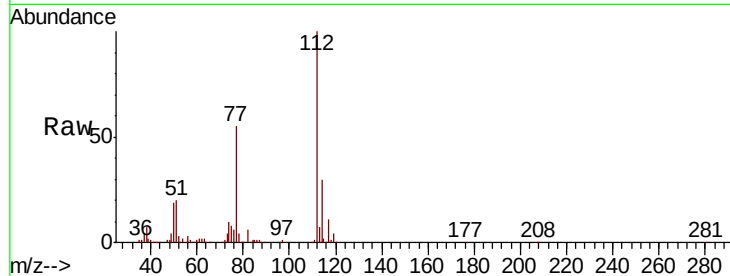
#65
Chlorobenzene
Concen: 21.461 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.9	25.5	38.3

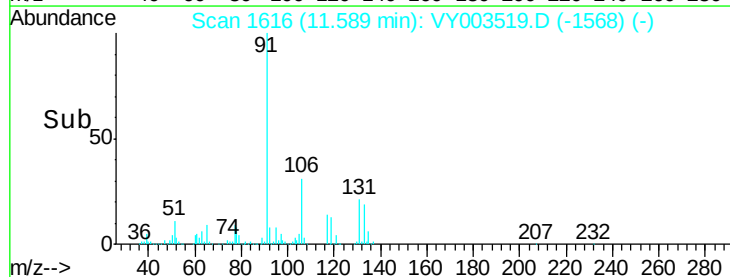
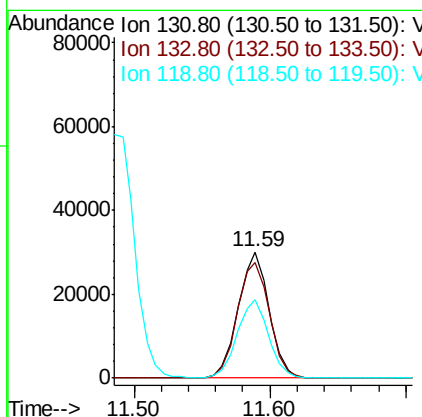
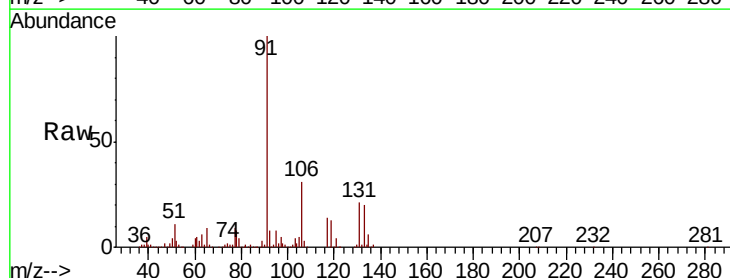
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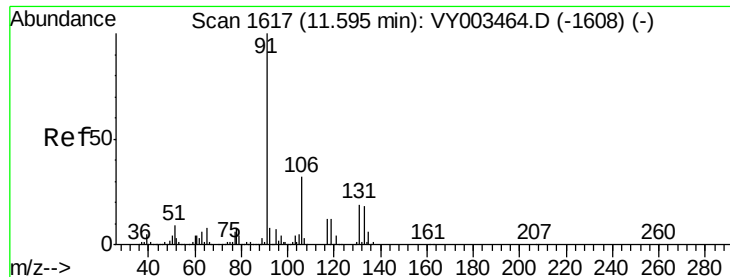
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.609 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.2
119	62.9	31.6	95.0





#67

Ethyl Benzene

Concen: 20.749 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 91 Resp: 220554

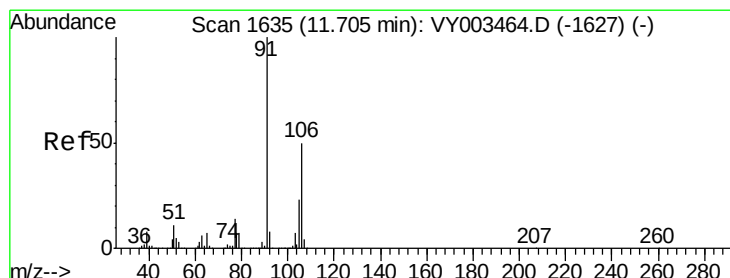
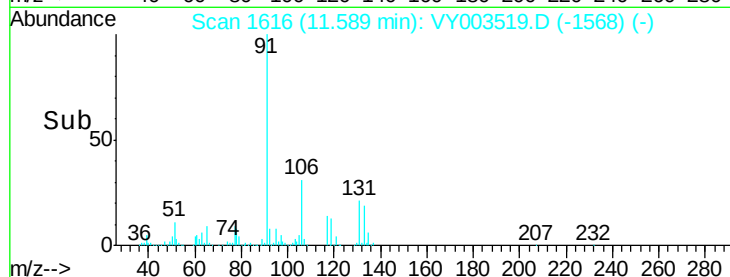
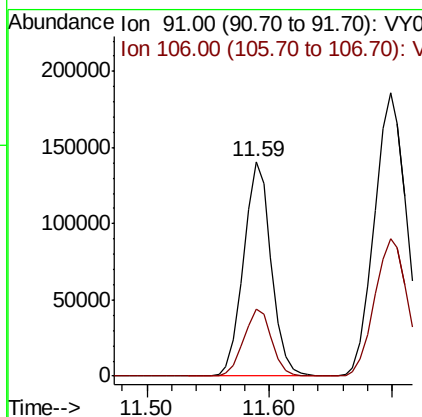
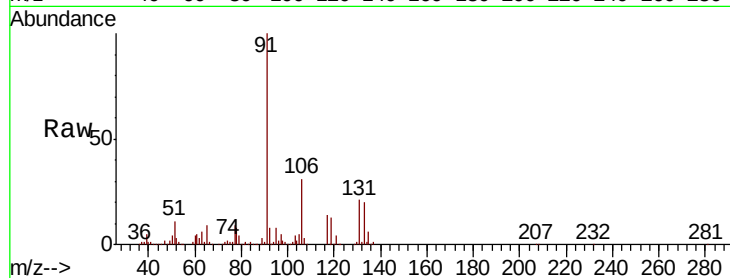
Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.821 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003519.D

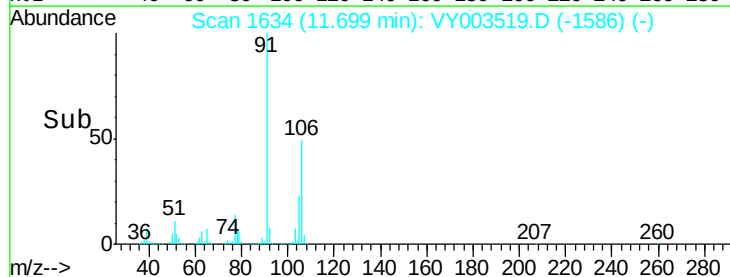
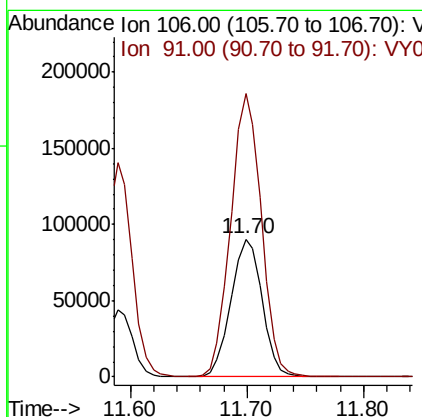
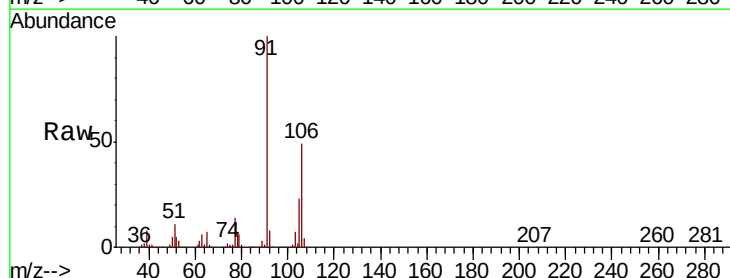
Acq: 05 Nov 2020 12:07

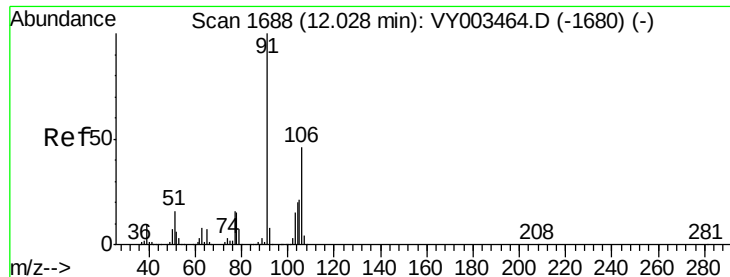
Tgt Ion: 106 Resp: 168462

Ion Ratio Lower Upper

106 100

91 202.5 161.0 241.6





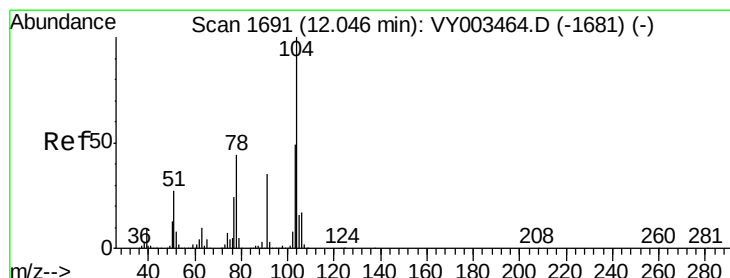
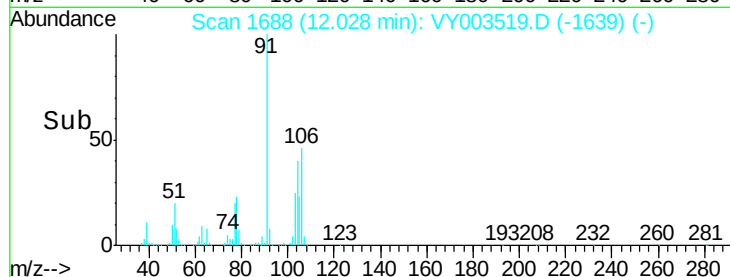
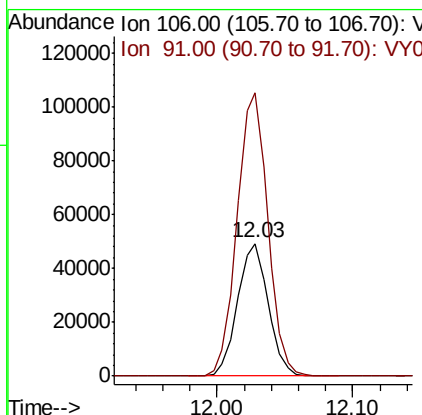
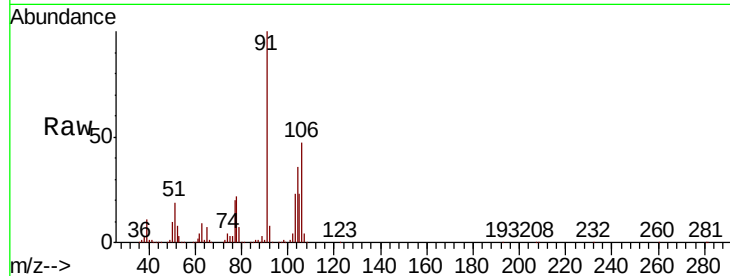
#69
o-Xylene
Concen: 20.939 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.2	105.5	316.5	

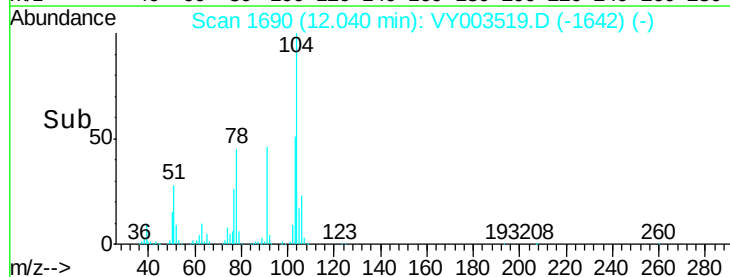
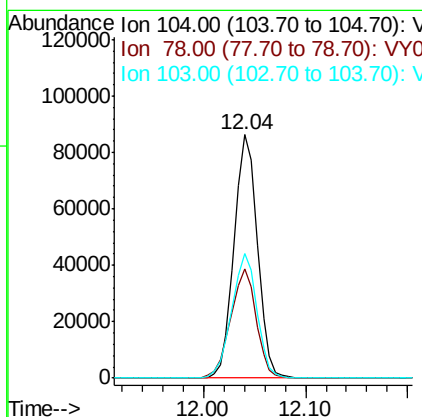
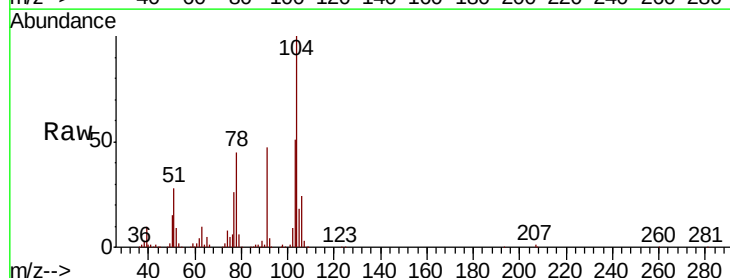
Manual Integrations
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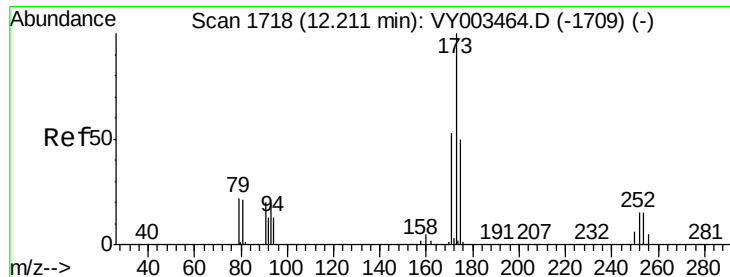
MMDadoda
11/6/2020 9:27:08 AM



#70
Styrene
Concen: 21.587 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.0	39.5	59.3	
103	55.3	44.2	66.2	





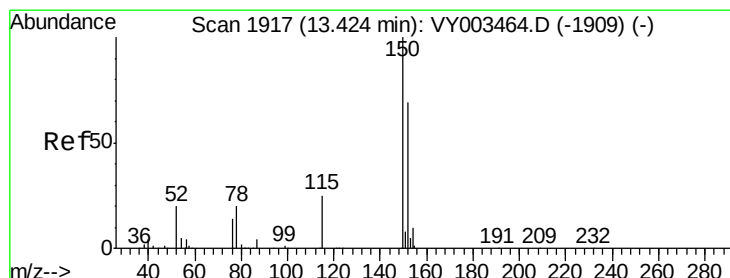
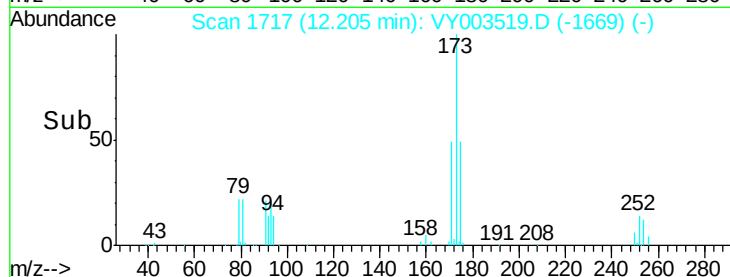
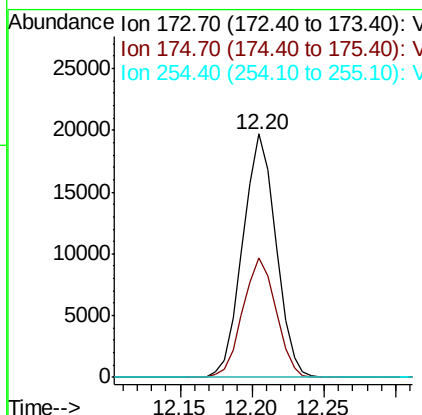
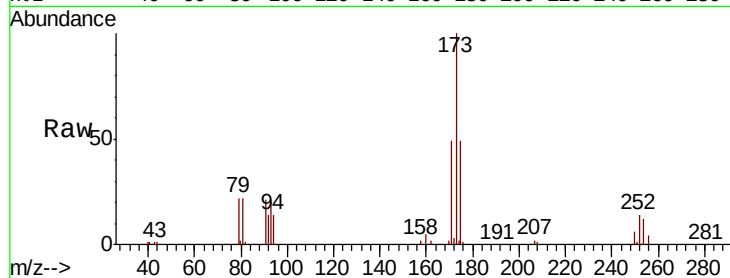
#71
Bromoform
Concen: 21.373 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.0	0.2	0.2

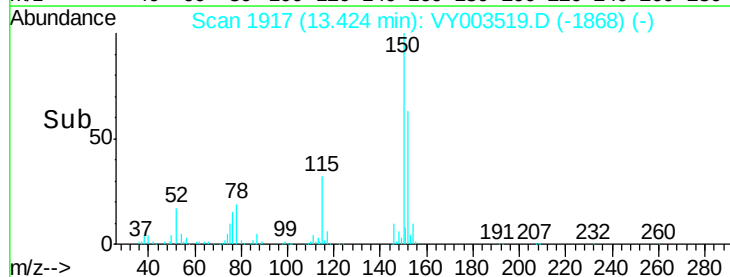
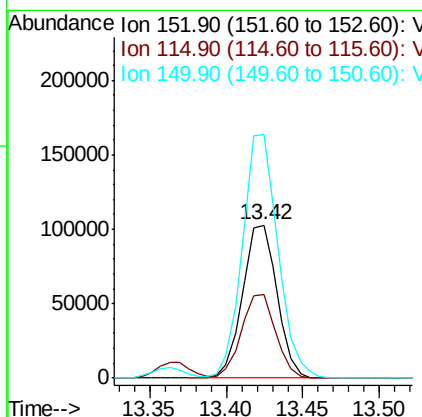
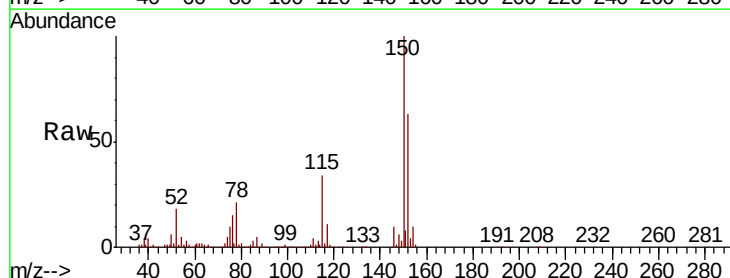
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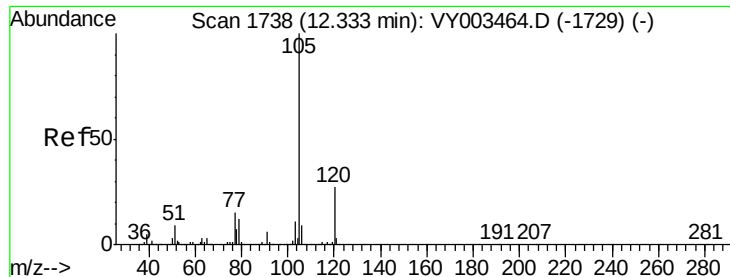
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.5	82.4
150	164.7	0.0	345.8





#73

Isopropylbenzene

Concen: 20.347 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion: 105 Resp: 213910

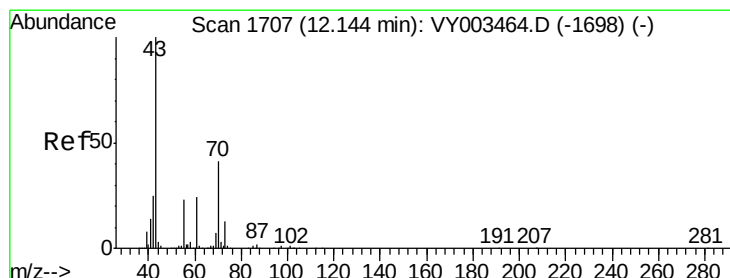
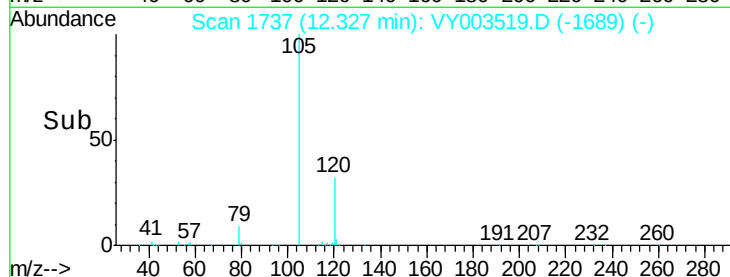
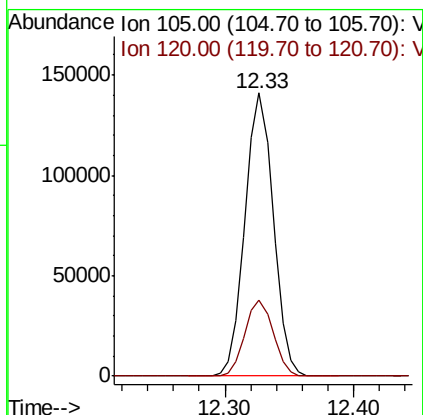
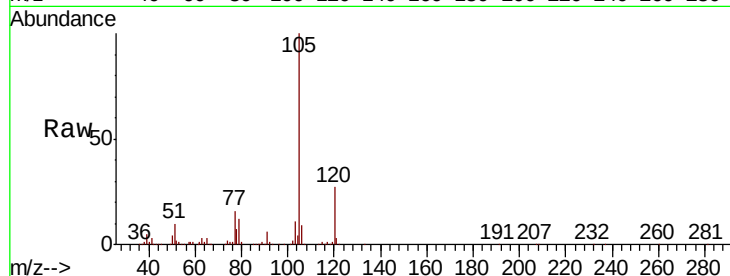
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 21.269 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion: 43 Resp: 63339

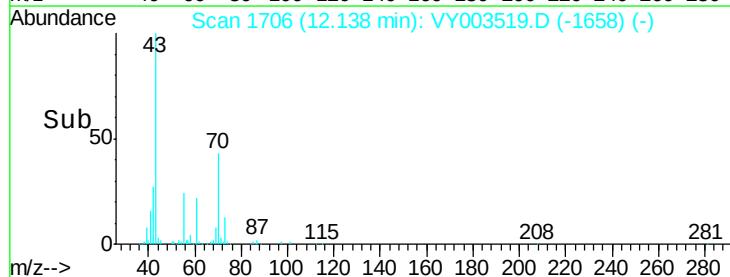
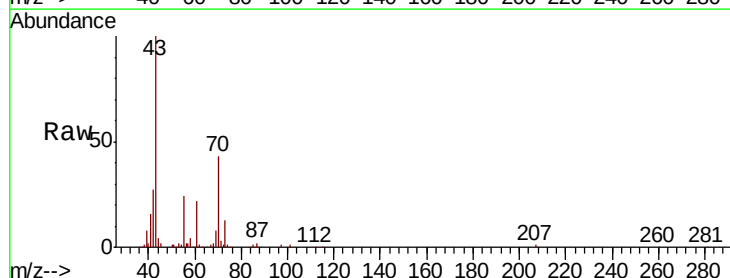
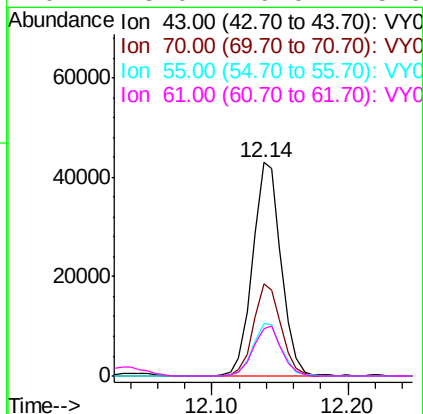
Ion Ratio Lower Upper

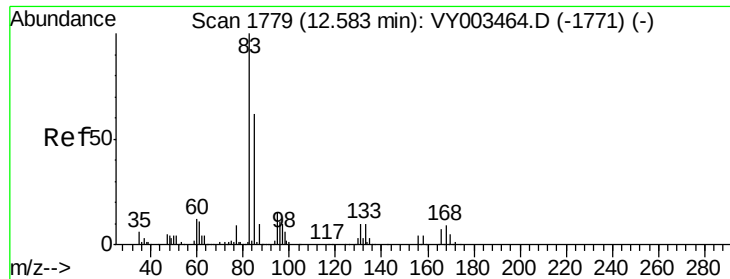
43 100

70 41.7 33.1 49.7

55 24.4 19.2 28.8

61 23.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.601 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

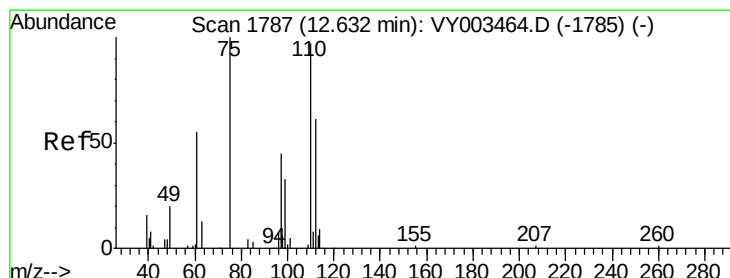
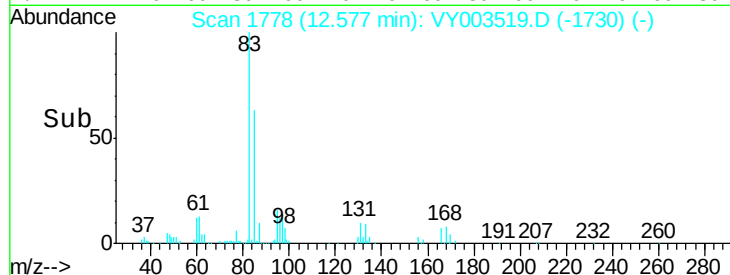
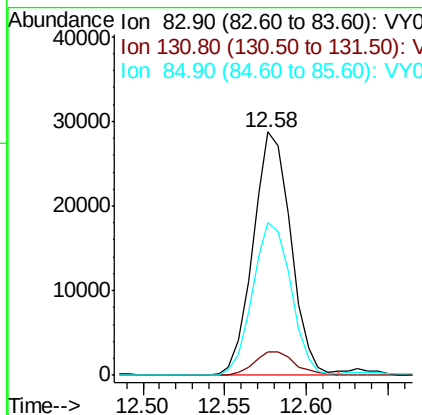
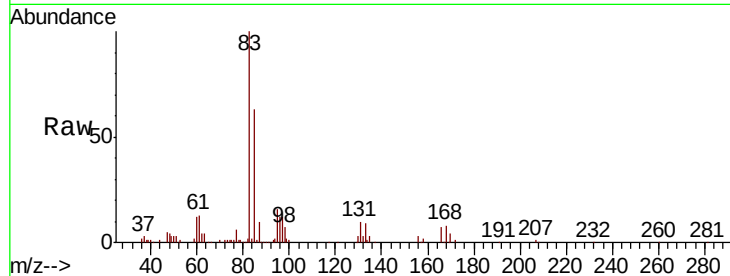
ClientSampleId :

VY1105SBS01

Tot Ion:	83	Resp:	46261
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	63.8	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 21.596 ug/l m

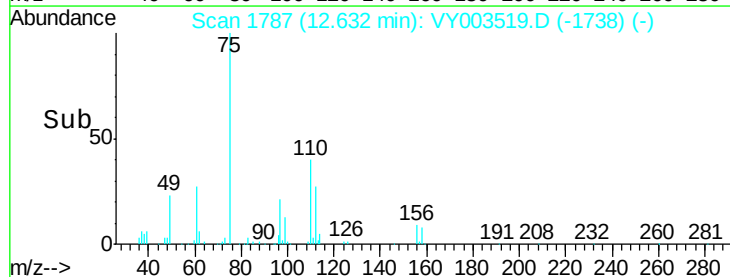
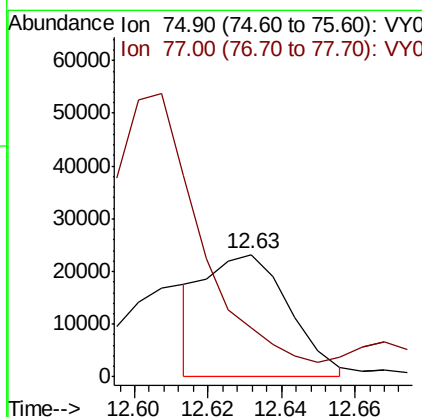
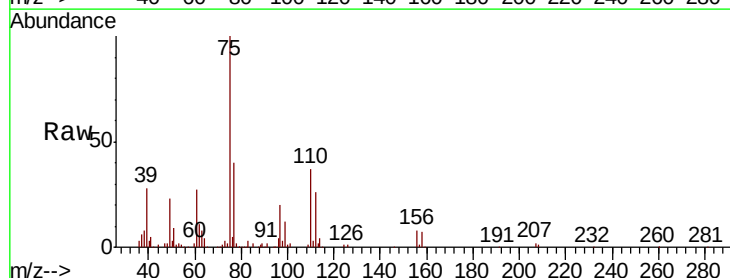
RT: 12.63 min Scan# 1787

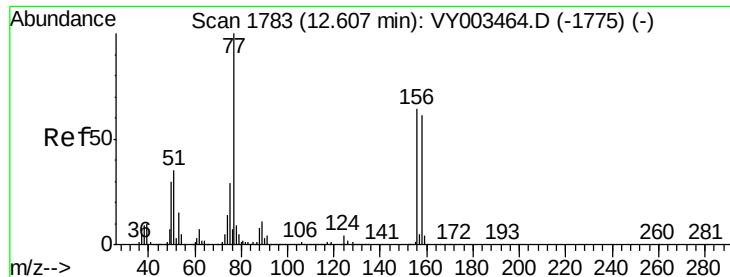
Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Tgt Ion:	75	Resp:	36775
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.085 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion:156 Resp: 56322

Ion Ratio Lower Upper

156 100

77 173.7 87.0 260.9

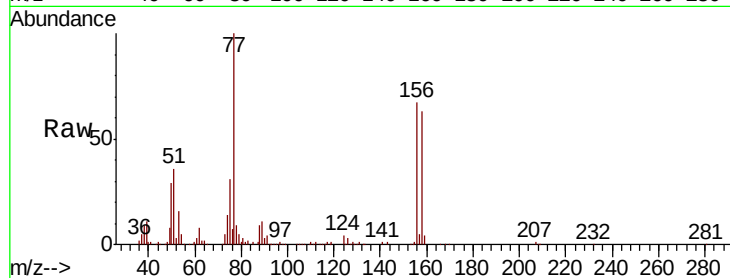
158 97.1 48.7 146.1

Manual Integrations

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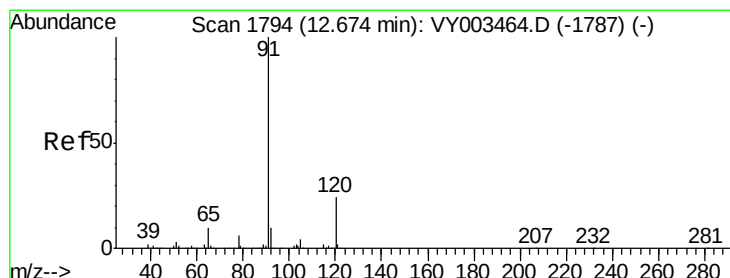
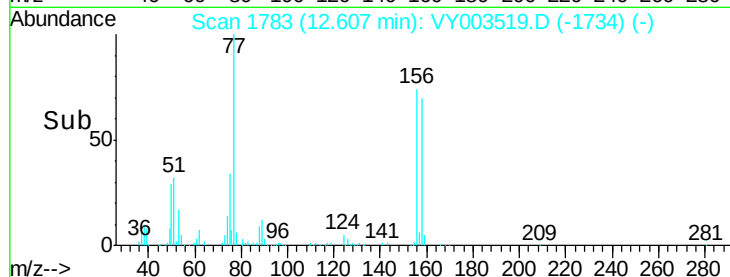
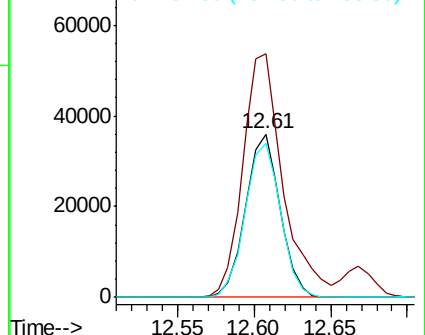
11/6/2020 9:27:08 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.797 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003519.D

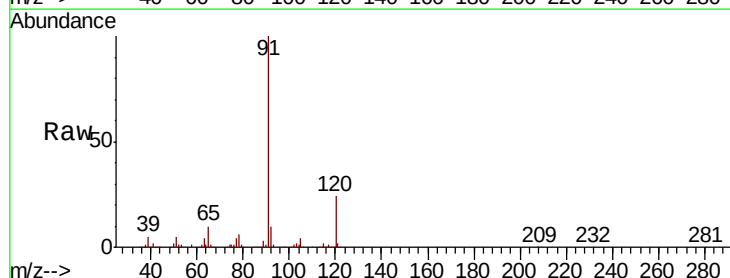
Acq: 05 Nov 2020 12:07

Tgt Ion: 91 Resp: 257537

Ion Ratio Lower Upper

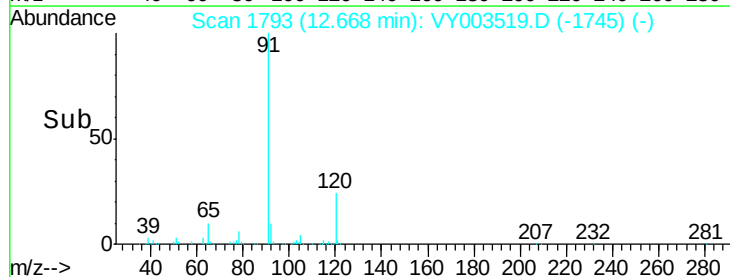
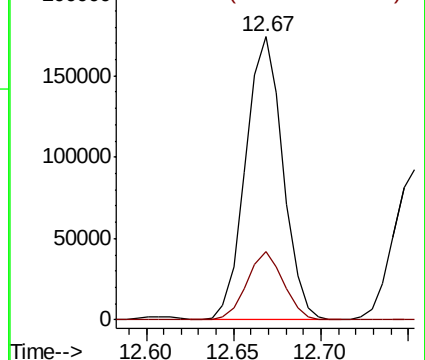
91 100

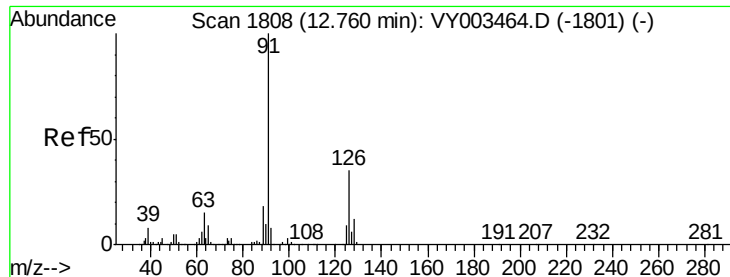
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





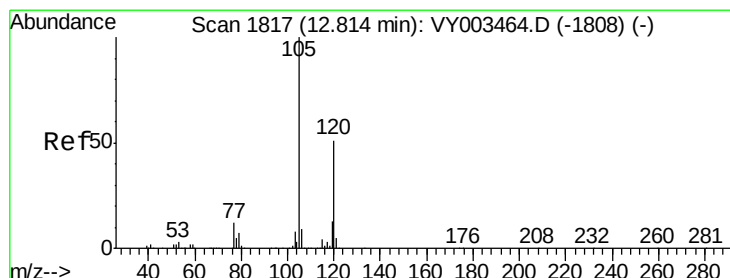
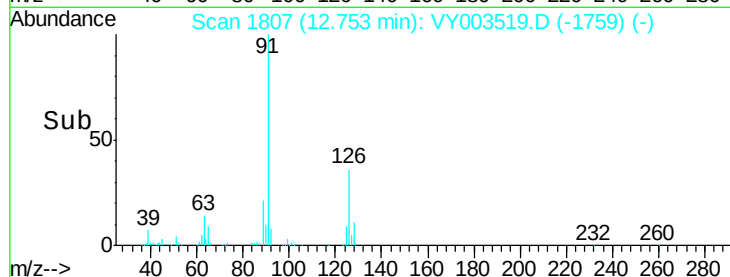
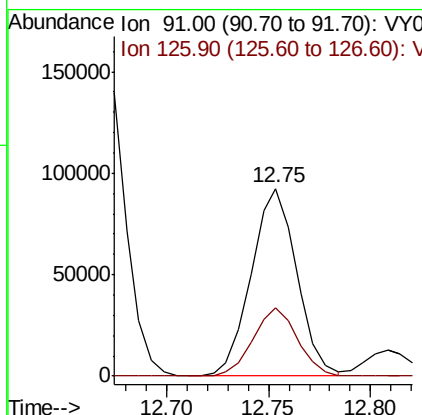
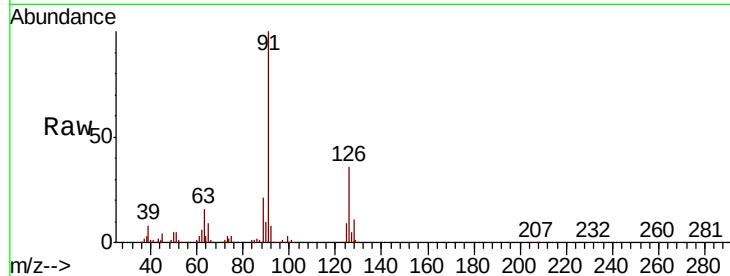
#79
2-Chlorotoluene
Concen: 20.711 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.3

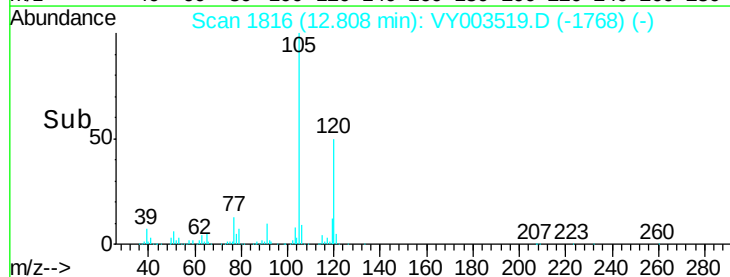
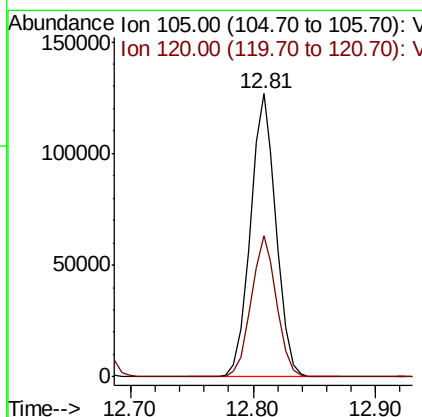
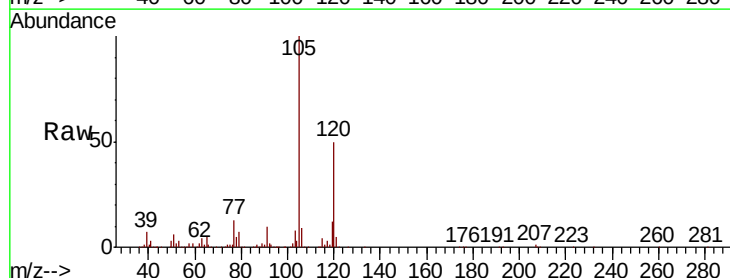
Manual Integrations
APPROVED

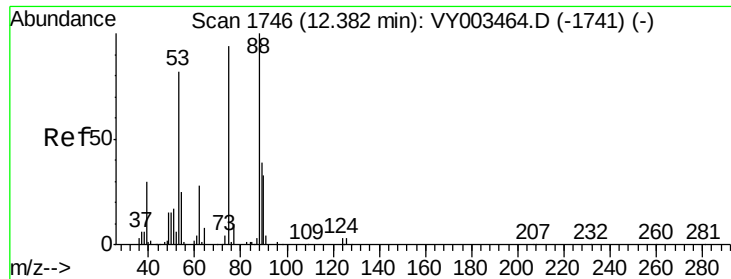
MMDadoda
11/6/2020 9:27:08 AM



#80
1,3,5-Trimethylbenzene
Concen: 21.136 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.3	75.9





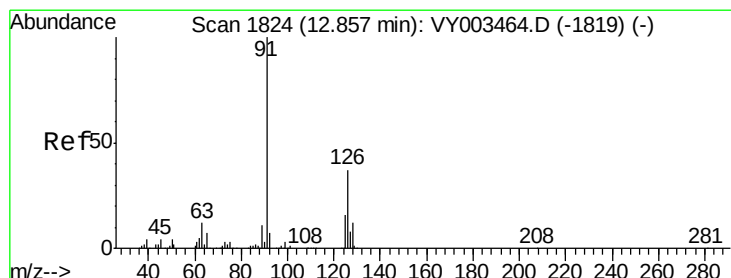
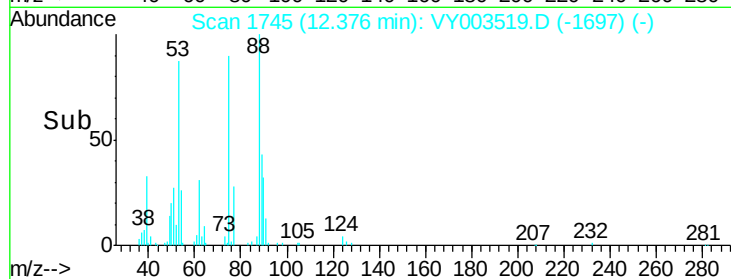
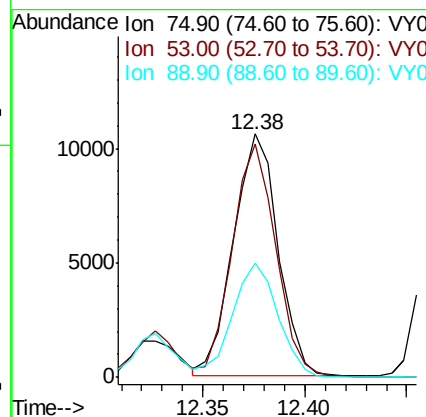
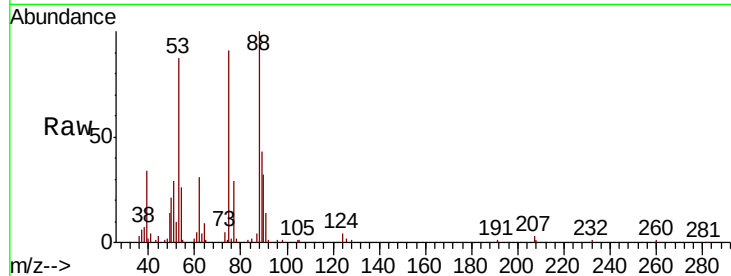
#81
trans-1,4-Dichloro-2-butene
Concen: 19.670 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.7	74.7	112.1
89	48.2	35.8	53.8

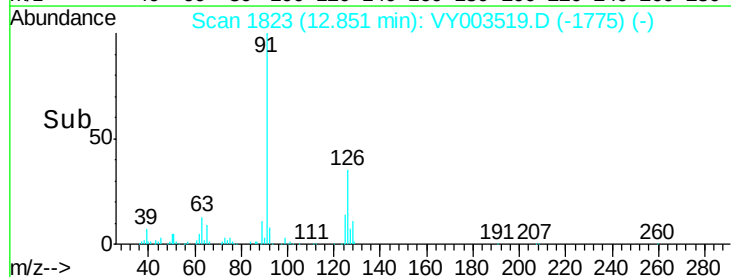
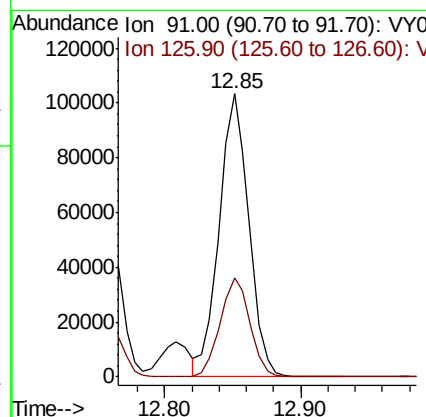
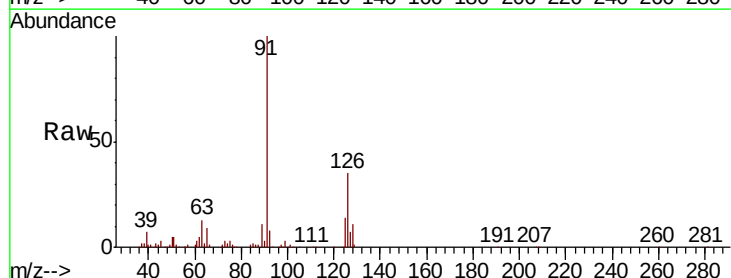
Manual Integrations
APPROVED

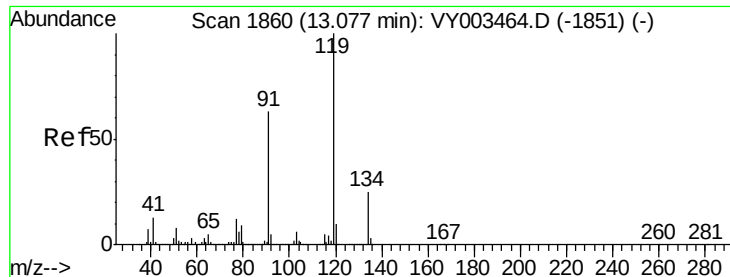
MMDadoda
11/6/2020 9:27:08 AM



#82
4-Chlorotoluene
Concen: 21.473 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.6	52.8





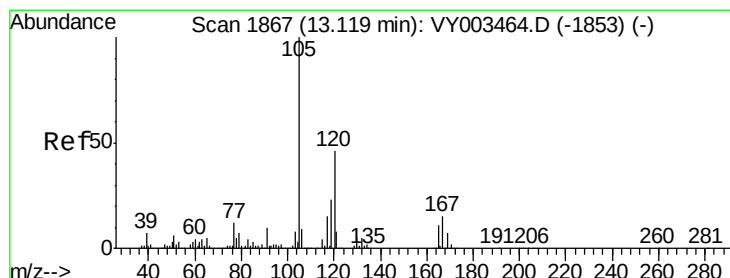
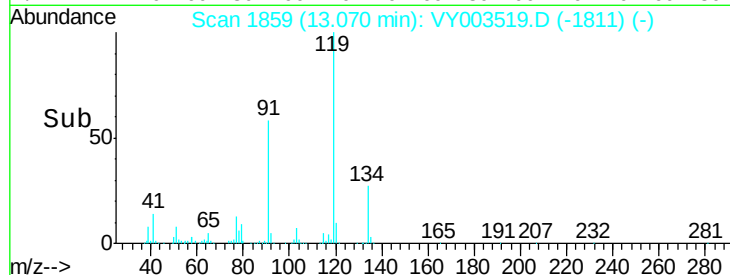
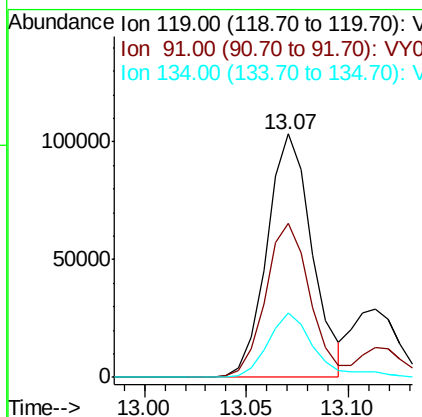
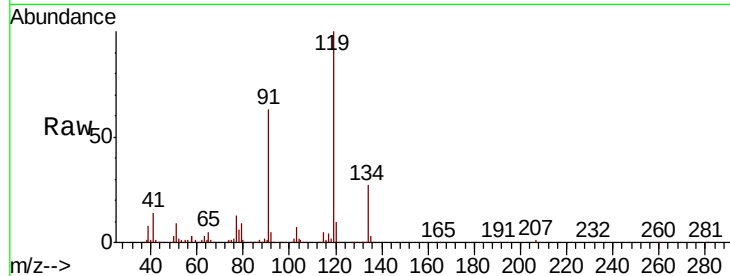
#83
 tert-Butylbenzene
 Concen: 20.625 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	31.1	93.2
134	27.5	13.4	40.1

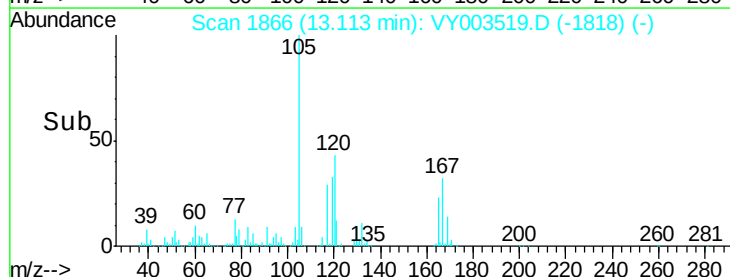
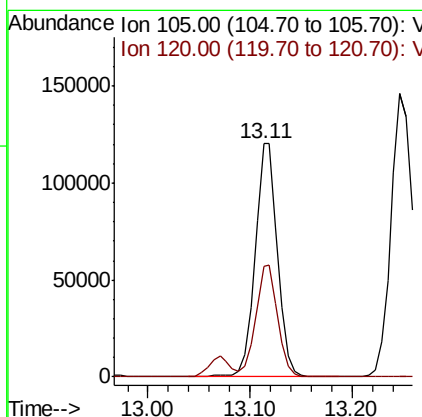
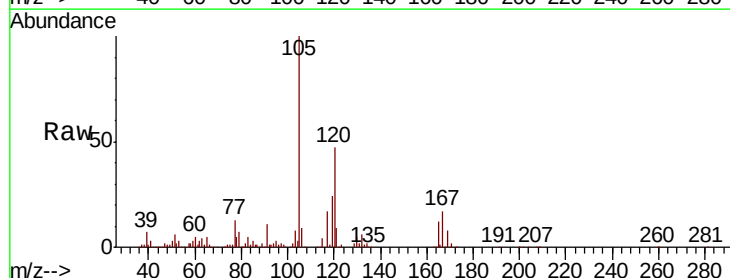
Manual Integrations
 APPROVED

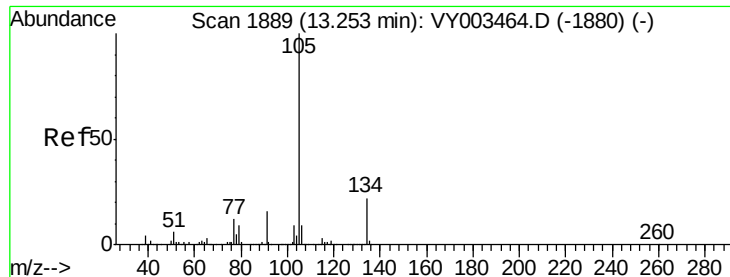
MMDadoda
 11/6/2020 9:27:08 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.135 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.9	68.8





#85

sec-Butylbenzene

Concen: 20.840 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tot Ion:105 Resp: 217993

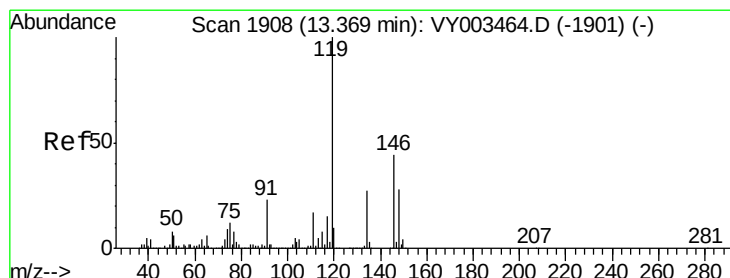
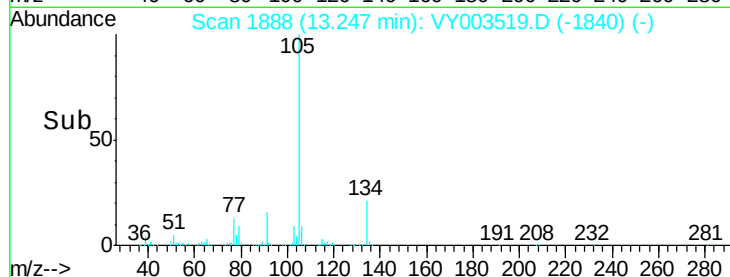
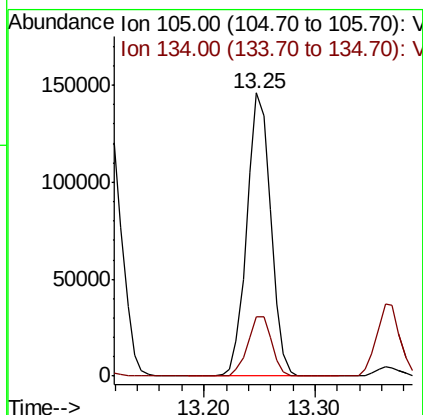
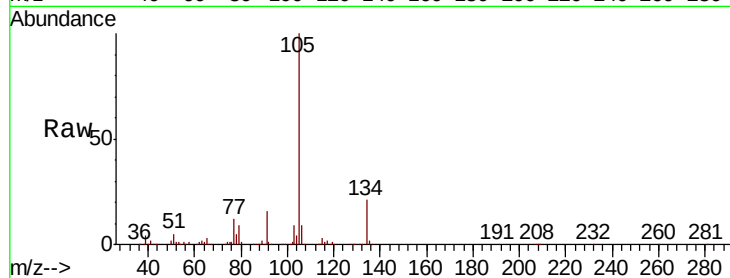
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

Manual Integrations
APPROVED

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11/6/2020 9:27:08 AM



#86

p-Isopropyltoluene

Concen: 20.931 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003519.D

Acq: 05 Nov 2020 12:07

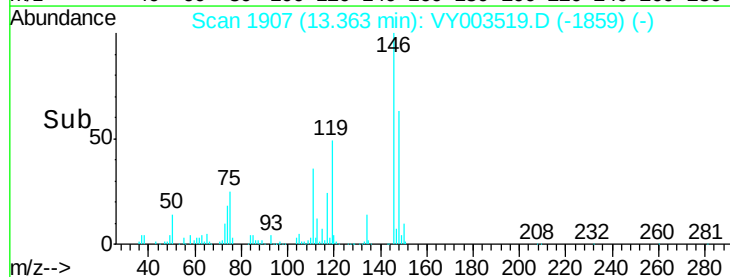
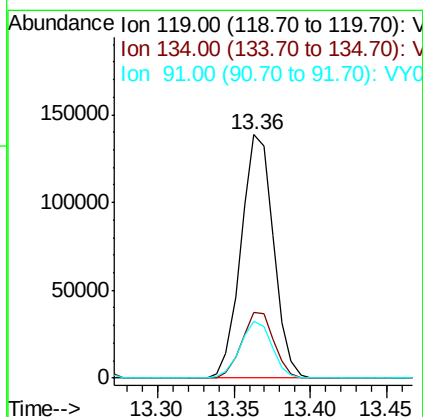
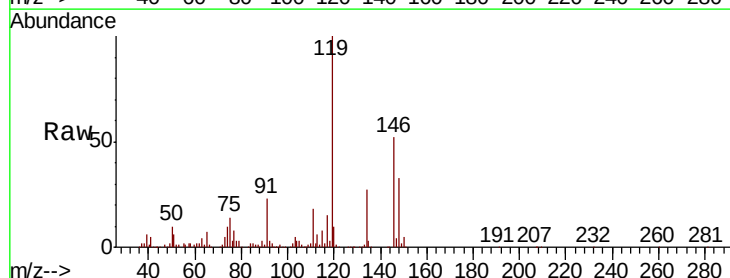
Tgt Ion:119 Resp: 203057

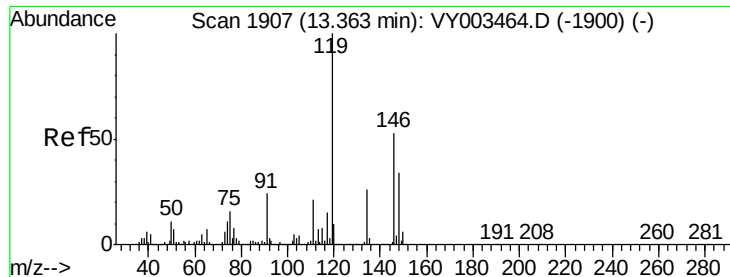
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.9 11.4 34.2





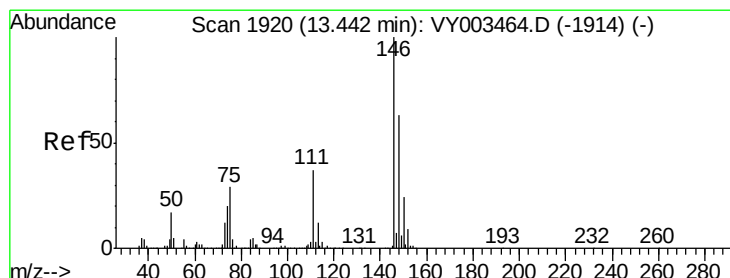
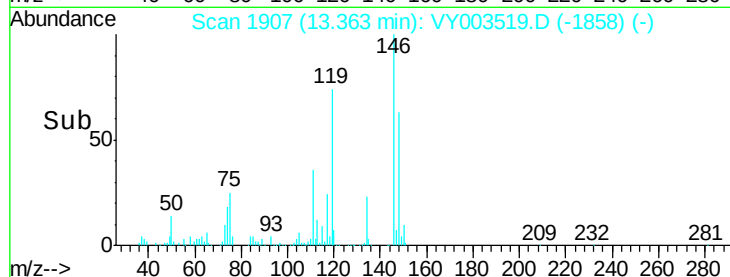
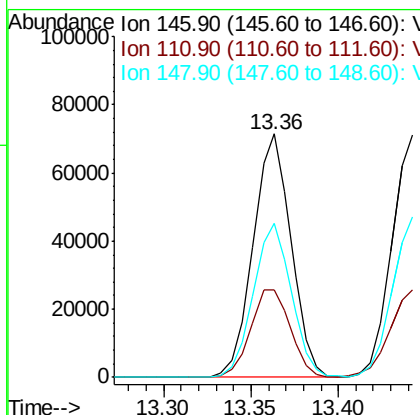
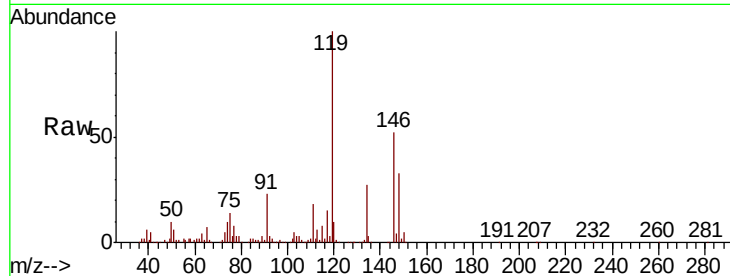
#87
 1,3-Dichlorobenzene
 Concen: 21.630 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	63.6	32.4	97.0

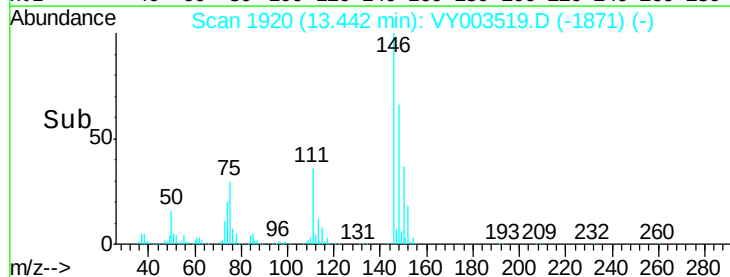
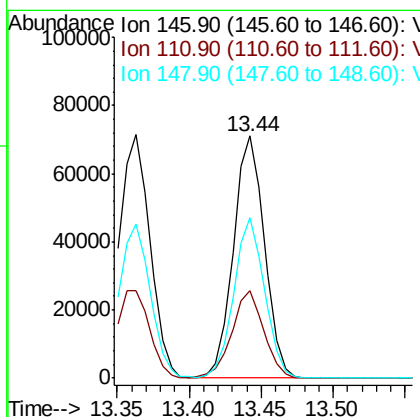
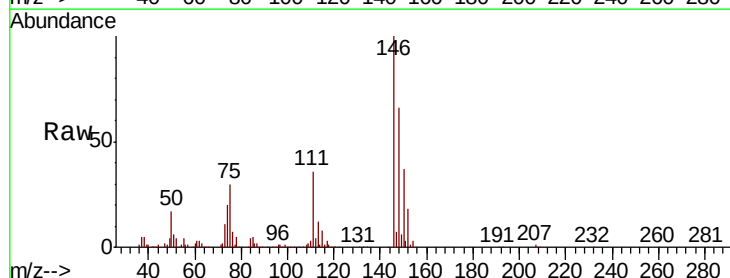
Manual Integrations
 APPROVED

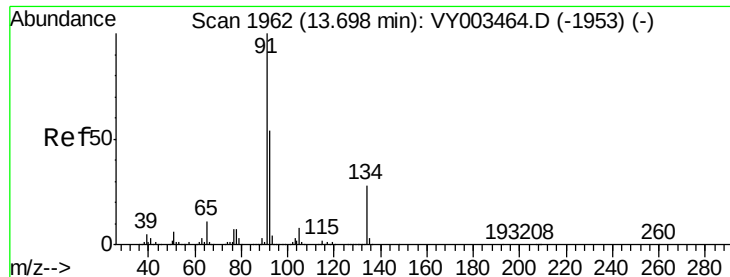
MMDadoda
 11/6/2020 9:27:08 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.648 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.3	54.8
148	65.3	32.0	96.0





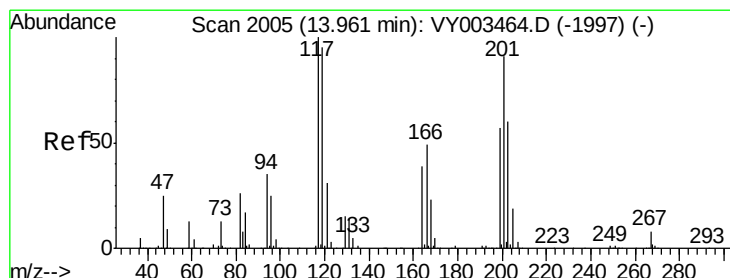
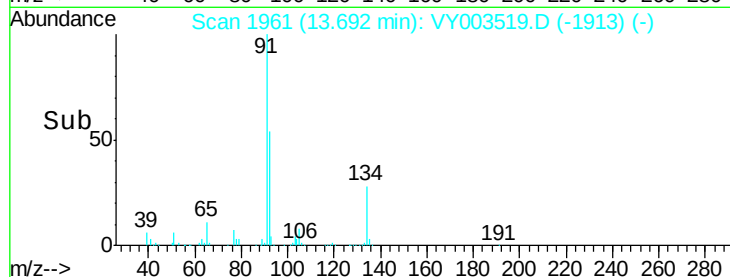
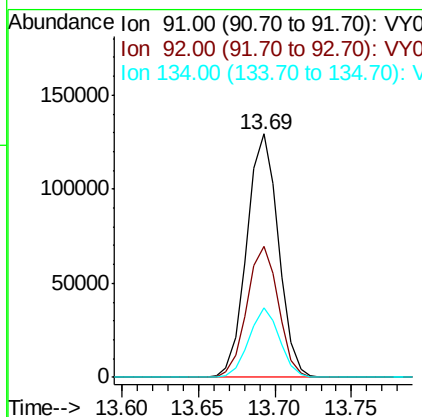
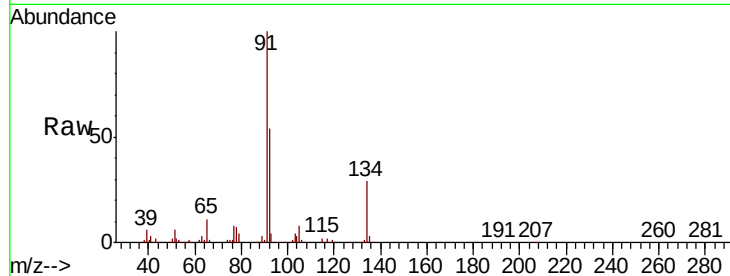
#89
n-Butylbenzene
Concen: 20.982 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.1
134	27.6	13.8	41.3

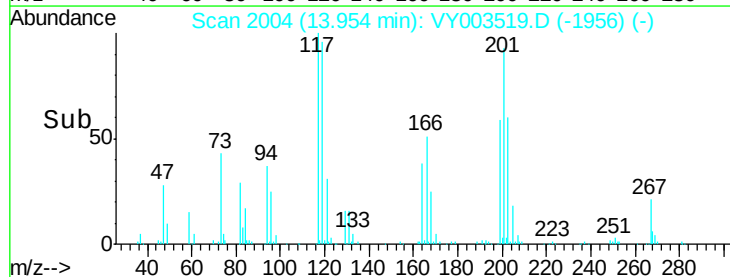
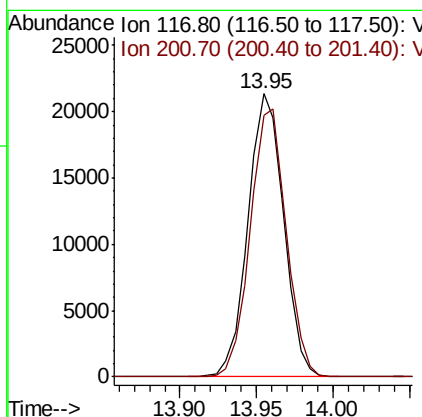
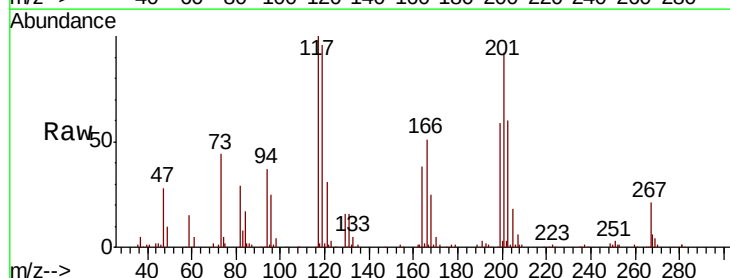
Manual Integrations
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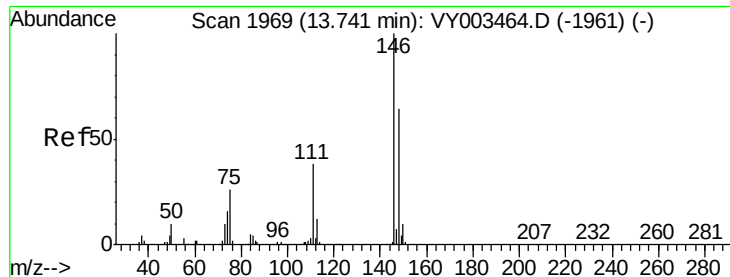
MMDadoda
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#90
Hexachloroethane
Concen: 21.201 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	46.6	139.8





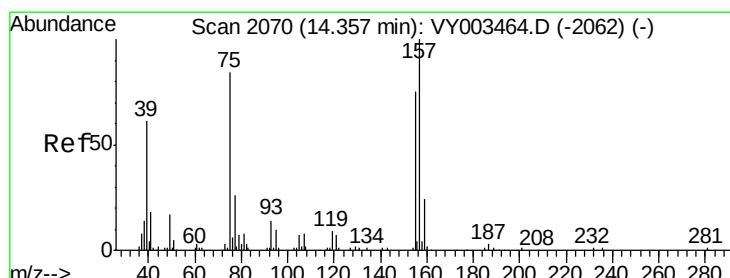
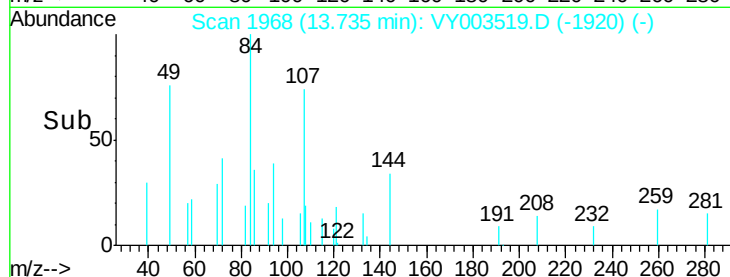
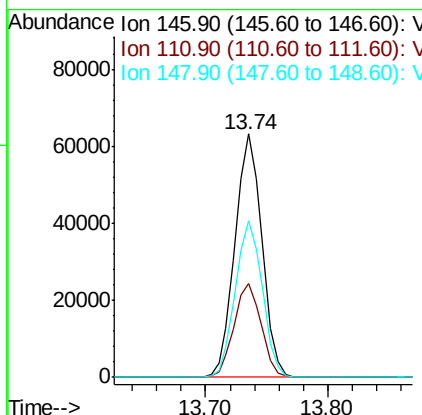
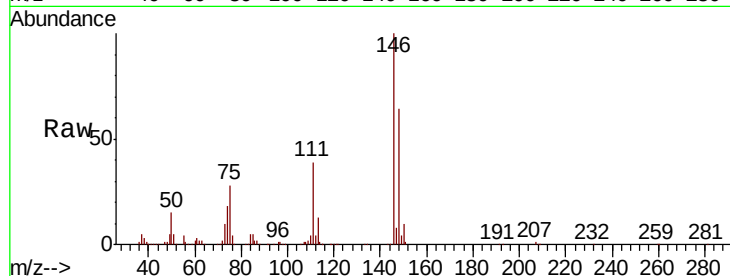
#91
 1,2-Dichlorobenzene
 Concen: 21.753 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.2	32.3	96.8

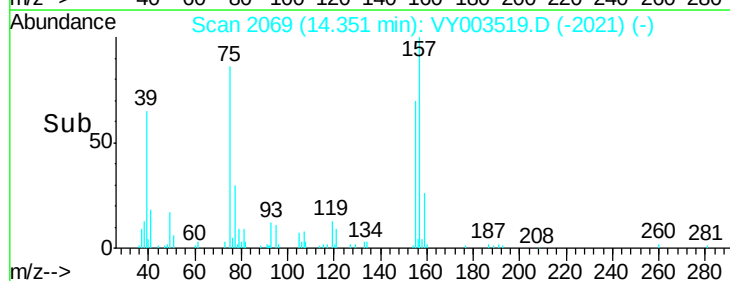
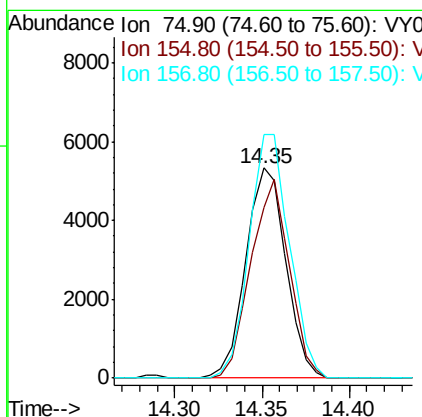
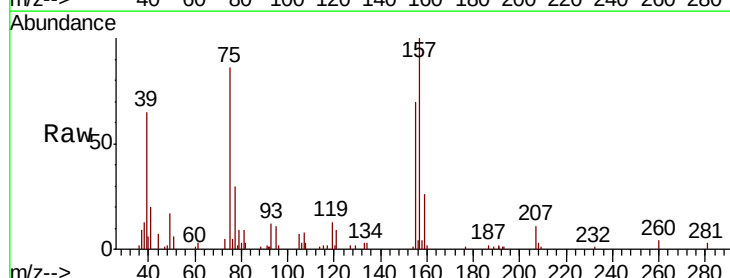
Manual Integrations
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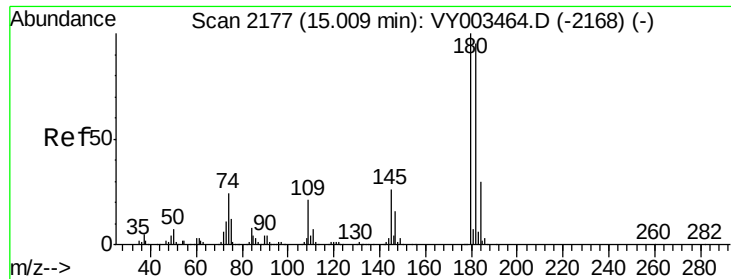
MMDadoda
 11/6/2020 9:27:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.868 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	45.6	136.7
157	116.4	60.3	180.8





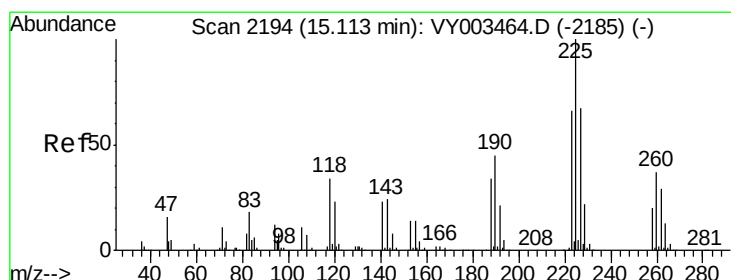
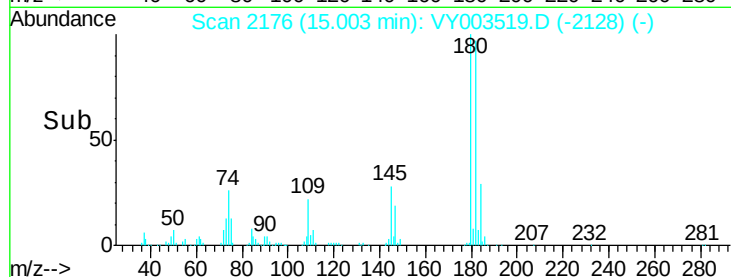
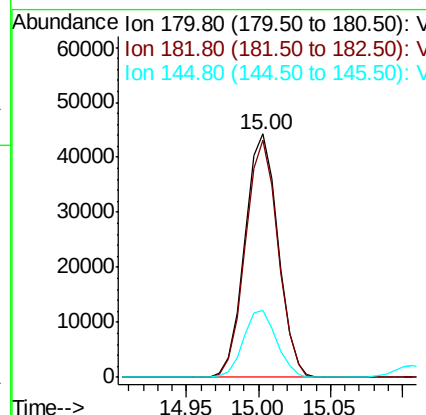
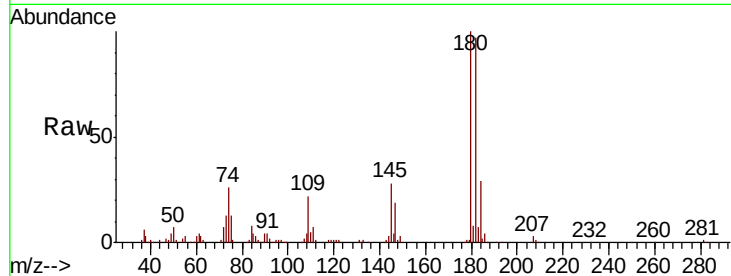
#93
 1,2,4-Trichlorobenzene
 Concen: 22.555 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	70525		
182	95.5	48.1	144.3	
145	27.6	13.8	41.3	

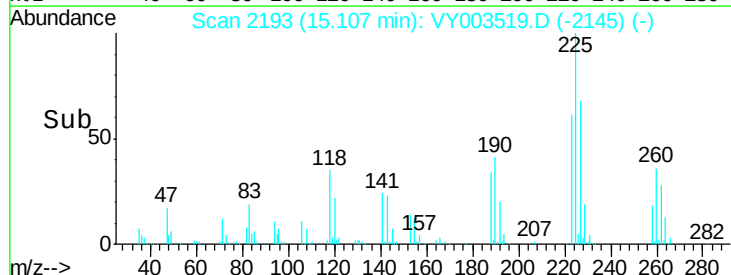
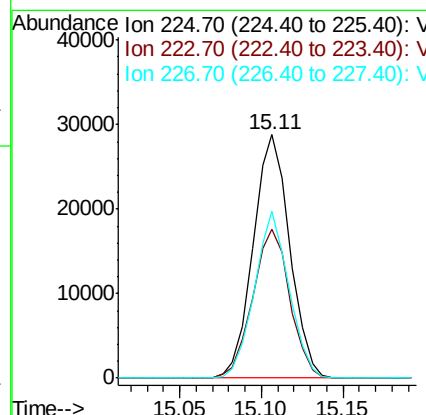
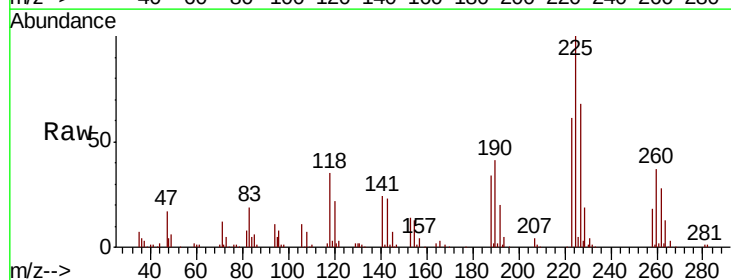
Manual Integrations
 APPROVED

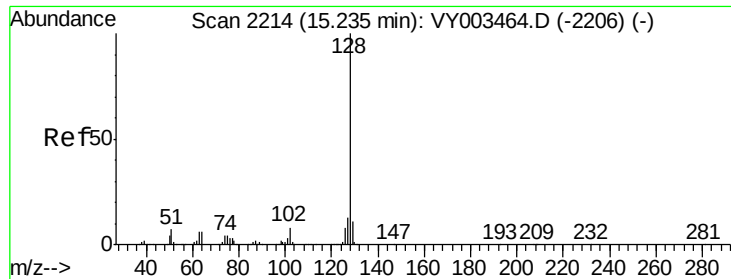
MMDadoda
 11/6/2020 9:27:08 AM



#94
 Hexachlorobutadiene
 Concen: 22.296 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003519.D
 Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44846		
223	62.2	32.1	96.3	
227	64.9	32.4	97.2	





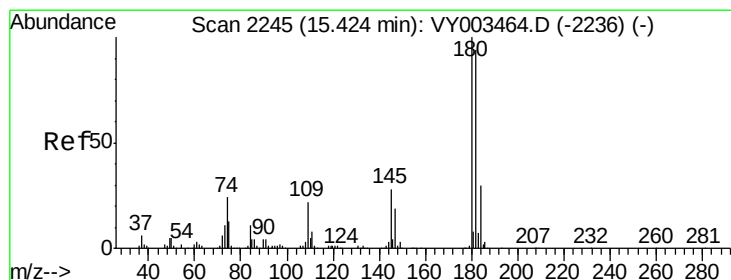
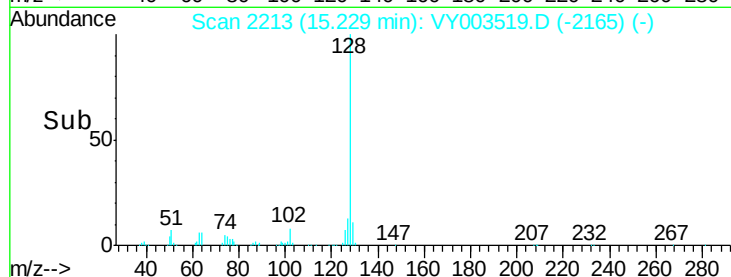
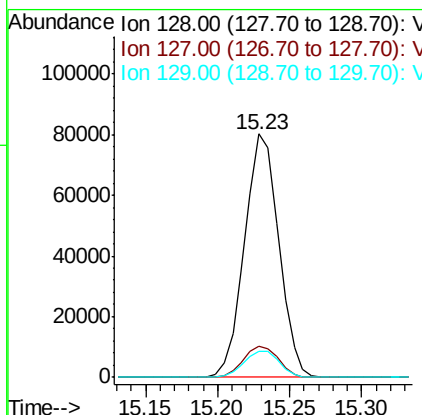
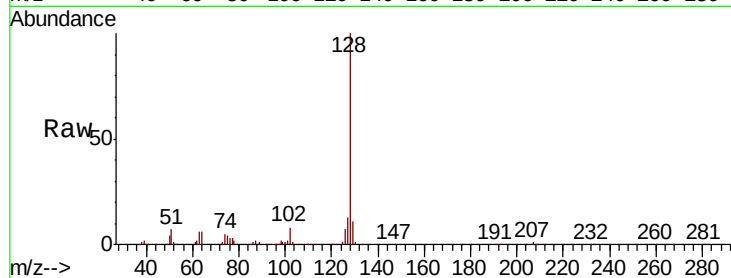
#95
Naphthalene
Concen: 21.078 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:27:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.356 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003519.D
Acq: 05 Nov 2020 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.9	140.7
145	30.2	14.4	43.2

