

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003454.D
 Acq On : 05 Oct 2020 15:27
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:37 PM

Quant Time: Oct 06 04:21:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:18:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	454759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	651208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	614143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	344824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	45722	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	
35) Dibromofluoromethane	7.73	113	38224	9.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.36%	
50) Toluene-d8	10.17	98	161355	9.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.54%	
62) 4-Bromofluorobenzene	12.48	95	54337	9.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	35376	10.011	ug/l	100
3) Chloromethane	2.12	50	49545	10.092	ug/l	96
4) Vinyl Chloride	2.26	62	52752	9.833	ug/l	96
5) Bromomethane	2.65	94	57485	11.344	ug/l	94
6) Chloroethane	2.80	64	33186	10.174	ug/l	99
7) Trichlorofluoromethane	3.13	101	68874	10.563	ug/l	98
8) Diethyl Ether	3.54	74	22154	10.178	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37651	10.349	ug/l	97
10) Methyl Iodide	4.09	142	7682	3.481	ug/l	98
11) Tert butyl alcohol	4.97	59	24198	56.173	ug/l	98
12) 1,1-Dichloroethene	3.88	96	36717	10.210	ug/l	98
13) Acrolein	3.74	56	22824	54.318	ug/l	96
14) Allyl chloride	4.49	41	65226	10.127	ug/l	99
15) Acrylonitrile	5.18	53	53204	51.267	ug/l	99
16) Acetone	3.96	43	57004	51.525	ug/l	98
17) Carbon Disulfide	4.20	76	121349	10.347	ug/l	98
18) Methyl Acetate	4.48	43	27839	10.484	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	97423	10.246	ug/l	99
20) Methylene Chloride	4.72	84	55437	11.610	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	44281	10.564	ug/l	96
22) Diisopropyl ether	6.13	45	125192	10.412	ug/l	97
23) Vinyl Acetate	6.07	43	447348	50.594	ug/l	99
24) 1,1-Dichloroethane	6.02	63	77459	10.425	ug/l	96
25) 2-Butanone	6.99	43	81734	51.274	ug/l	99
26) 2,2-Dichloropropane	6.99	77	71152	10.715	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	47857	10.173	ug/l	99
28) Bromochloromethane	7.34	49	36284	9.924	ug/l	99
29) Tetrahydrofuran	7.36	42	49077	52.579	ug/l	99
30) Chloroform	7.51	83	77924	10.321	ug/l	98
31) Cyclohexane	7.79	56	70798	10.779	ug/l	# 89
32) 1,1,1-Trichloroethane	7.71	97	71371	10.309	ug/l	98
36) 1,1-Dichloropropene	7.93	75	61352	10.055	ug/l	99
37) Ethyl Acetate	7.08	43	36976	10.297	ug/l	97
38) Carbon Tetrachloride	7.91	117	65491	10.273	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	65808	9.737	ug/l	97
40) Benzene	8.16	78	174946	10.115	ug/l	99
41) Methacrylonitrile	7.32	41	19058m	10.433	ug/l	
42) 1,2-Dichloroethane	8.24	62	56615	10.285	ug/l	99
43) Isopropyl Acetate	8.28	43	67245	9.943	ug/l	99
44) Trichloroethene	8.94	130	51779	10.174	ug/l	95
45) 1,2-Dichloropropane	9.22	63	44493	10.089	ug/l	97
46) Dibromomethane	9.30	93	25734	10.368	ug/l	99
47) Bromodichloromethane	9.50	83	61610	10.076	ug/l	98
48) Methyl methacrylate	9.29	41	31495	9.814	ug/l	99
49) 1,4-Dioxane	9.30	88	5945	201.978	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	182082	50.749	ug/l	100
52) Toluene	10.24	92	111712	10.003	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	65272	9.962	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	72649	9.941	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	36394	10.232	ug/l	97
56) Ethyl methacrylate	10.51	69	45597	9.396	ug/l	99
57) 1,3-Dichloropropane	10.79	76	62343	10.081	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	125188	49.686	ug/l	99
59) 2-Hexanone	10.83	43	125995	49.841	ug/l	99
60) Dibromochloromethane	10.98	129	44734	9.877	ug/l	100
61) 1,2-Dibromoethane	11.09	107	34199	9.947	ug/l	99
64) Tetrachloroethene	10.72	164	57059	10.373	ug/l	96
65) Chlorobenzene	11.52	112	124293	10.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	47070	10.087	ug/l	98
67) Ethyl Benzene	11.59	91	217782	9.893	ug/l	99
68) m/p-Xylenes	11.70	106	166854	19.886	ug/l	100
69) o-Xylene	12.03	106	76969	9.735	ug/l	98
70) Styrene	12.04	104	130845	9.704	ug/l	98
71) Bromoform	12.20	173	30883	9.893	ug/l #	98
73) Isopropylbenzene	12.33	105	211415	9.753	ug/l	100
74) N-amyl acetate	12.14	43	61736	9.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	41570	9.977	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	30222m	10.163	ug/l	
77) Bromobenzene	12.60	156	58097	10.141	ug/l	97
78) n-propylbenzene	12.67	91	253276	9.844	ug/l	100
79) 2-Chlorotoluene	12.75	91	144017	9.973	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	183941	9.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15068	9.551	ug/l	94
82) 4-Chlorotoluene	12.85	91	153147	10.008	ug/l	99
83) tert-Butylbenzene	13.07	119	155012	9.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	185982	9.934	ug/l	99
85) sec-Butylbenzene	13.25	105	220835	9.934	ug/l	100
86) p-Isopropyltoluene	13.36	119	206865	9.733	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	110091	10.018	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	111986	10.300	ug/l	98
89) n-Butylbenzene	13.69	91	190849	9.880	ug/l	100
90) Hexachloroethane	13.95	117	31632	9.464	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	99810	10.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8386	10.758	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	74064	10.226	ug/l	99
94) Hexachlorobutadiene	15.11	225	50088	10.627	ug/l	100
95) Naphthalene	15.23	128	124735	9.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62889	9.982	ug/l	100

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

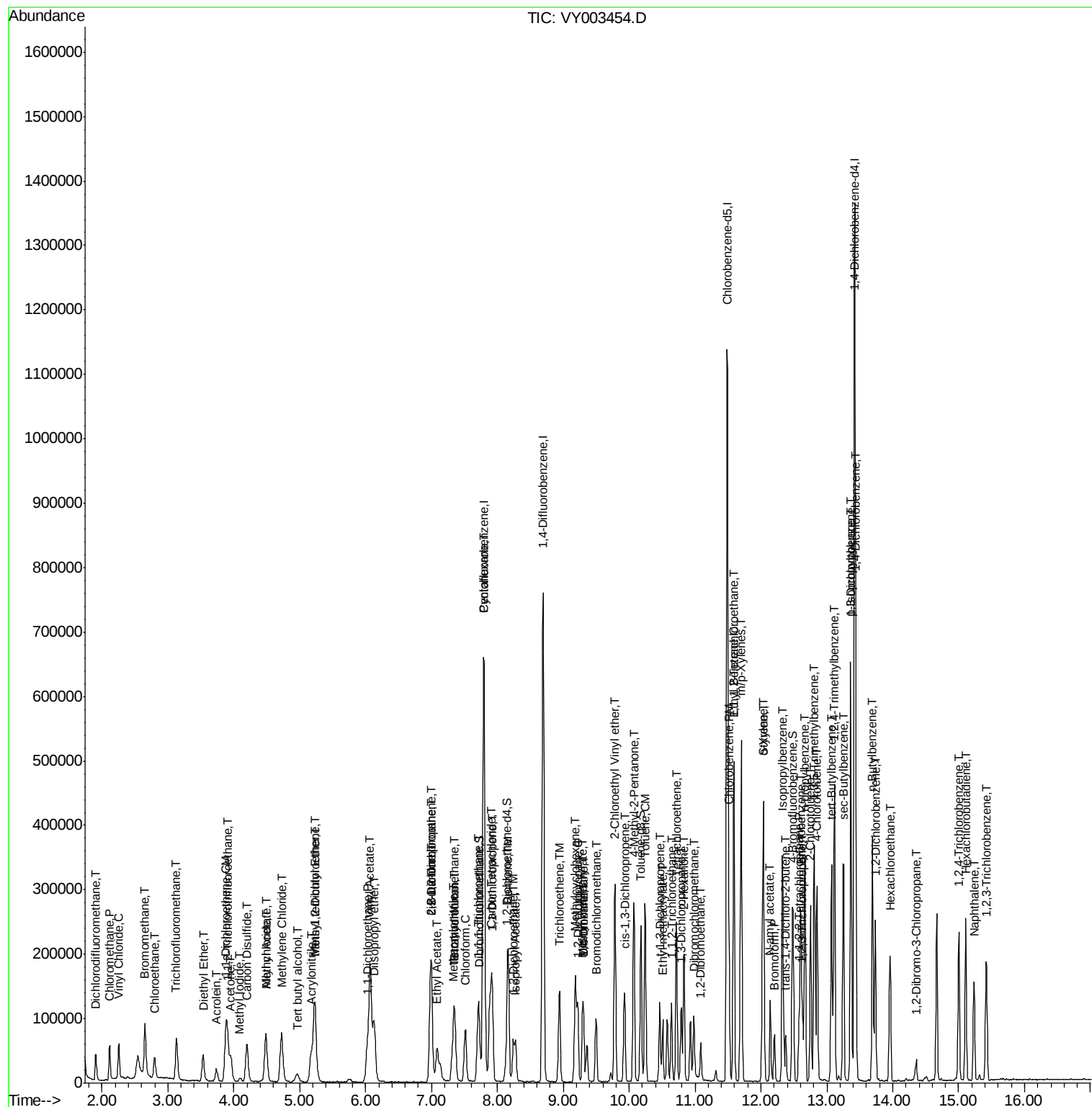
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
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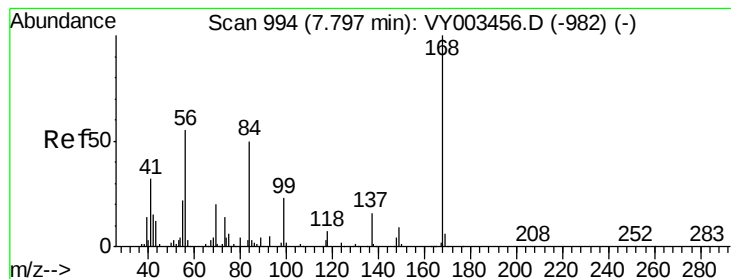
Instrument :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 454759

Ion Ratio Lower Upper

168 100

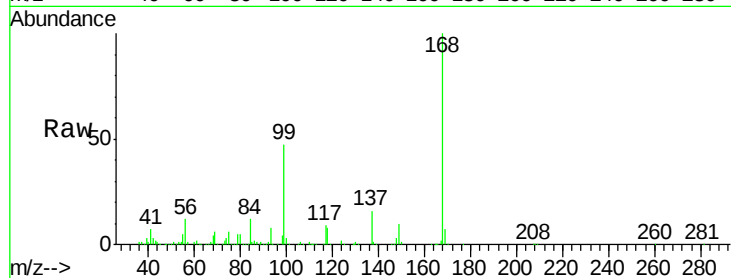
99 47.4 40.4 60.6

Manual Integrations

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10/6/2020 12:55:37 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003456.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY003456.D (-982) (-)

7.80

200000

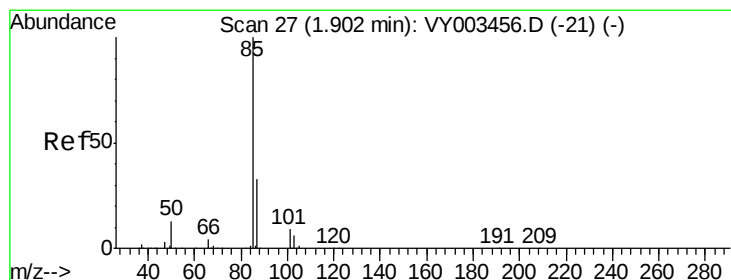
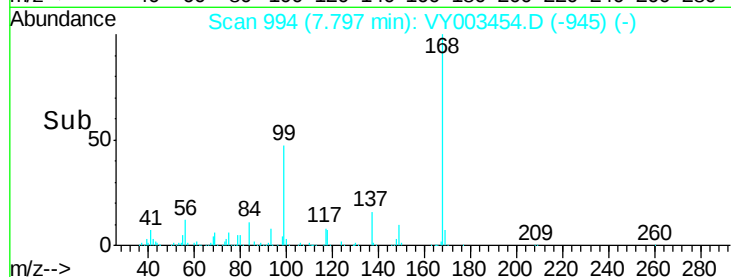
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 10.011 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003454.D

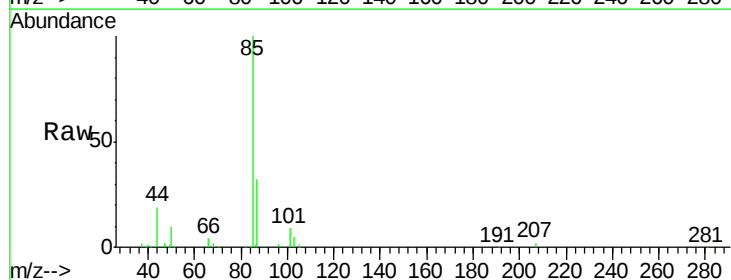
Acq: 05 Oct 2020 15:27

Tgt Ion: 85 Resp: 35376

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003456.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003456.D (-21) (-)

1.91

25000

20000

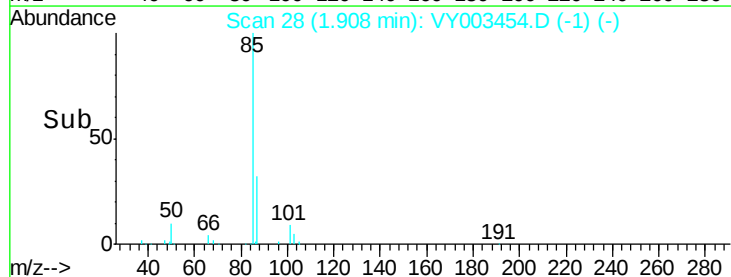
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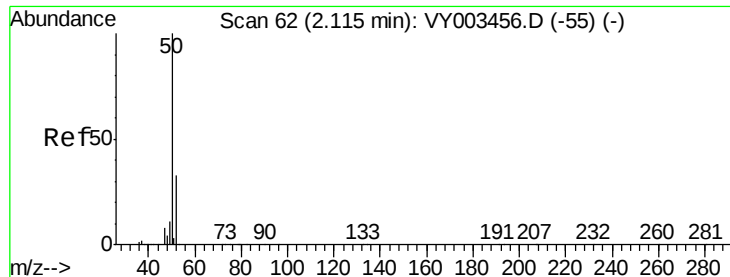
10000

5000

0

Time-->





#3

Chloromethane

Concen: 10.092 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 49545

Ion Ratio Lower Upper

50 100

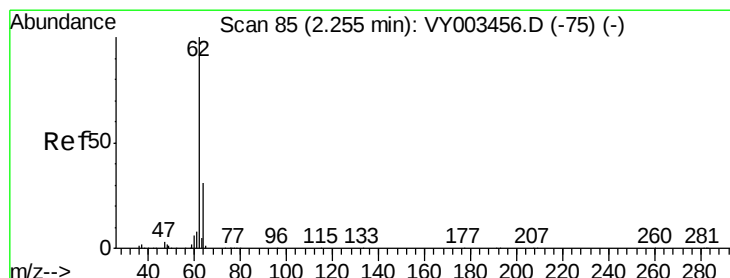
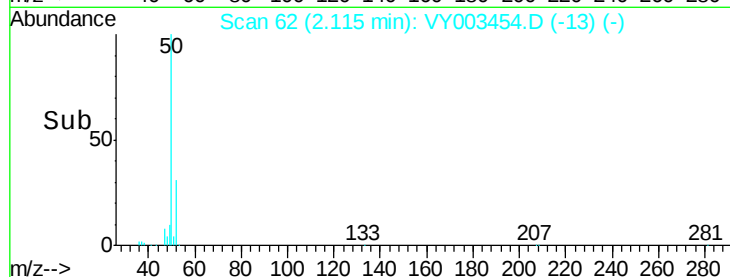
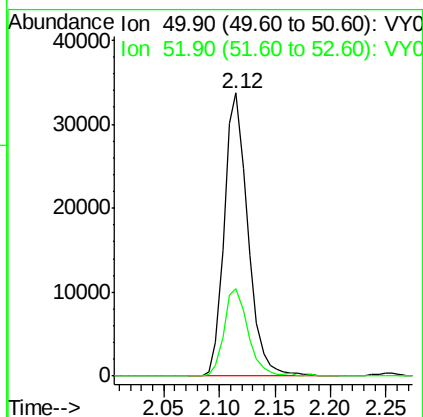
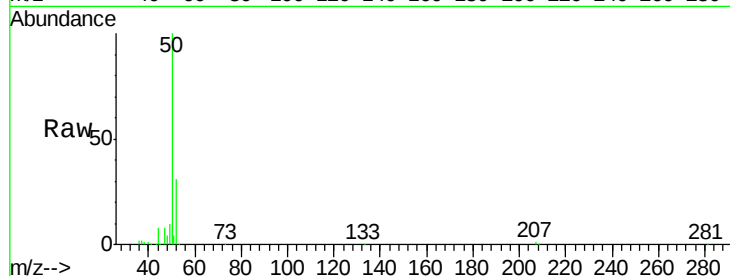
52 31.0 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.833 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003454.D

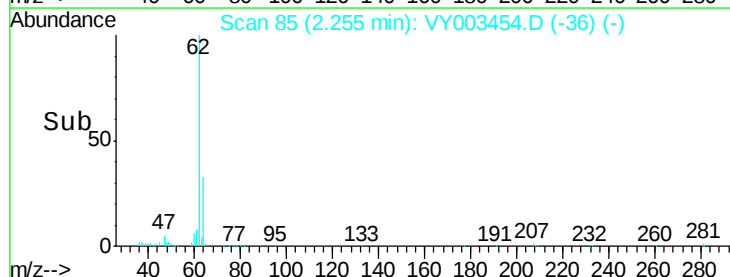
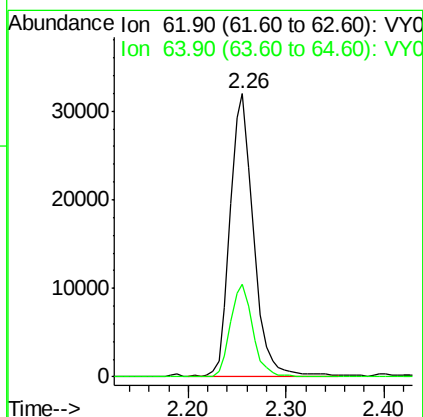
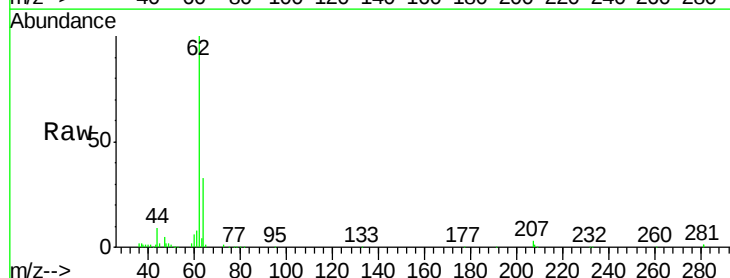
Acq: 05 Oct 2020 15:27

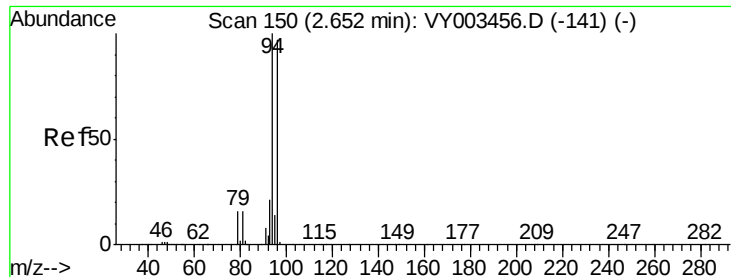
Tgt Ion: 62 Resp: 52752

Ion Ratio Lower Upper

62 100

64 32.8 24.6 36.8





#5

Bromomethane

Concen: 11.344 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion: 94 Resp: 57485

Ion Ratio Lower Upper

94 100

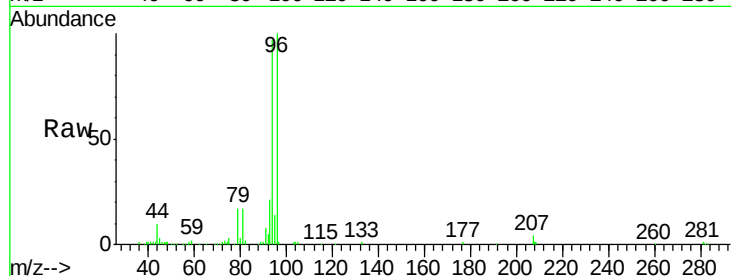
96 102.8 77.4 116.2

Manual Integrations

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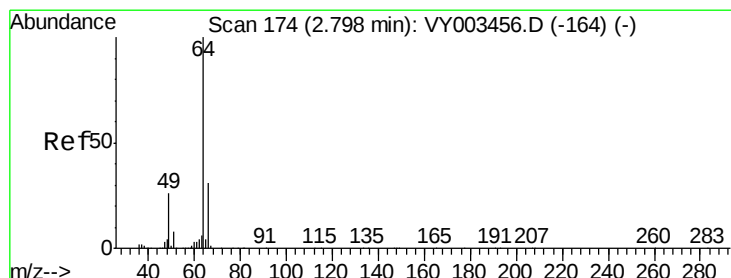
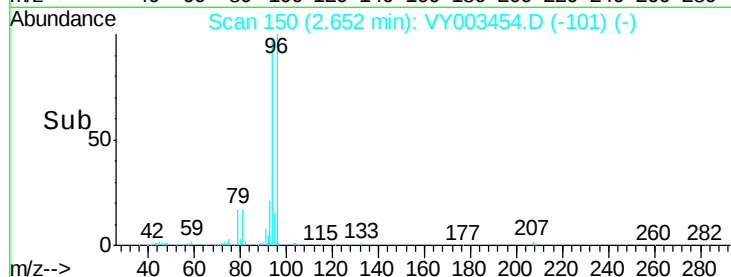
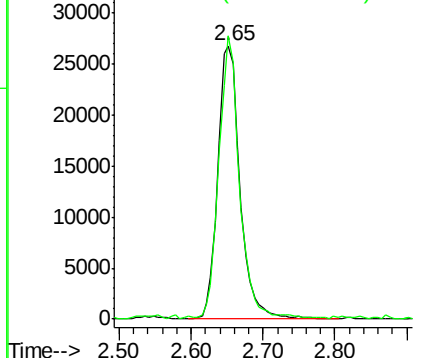
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.174 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003454.D

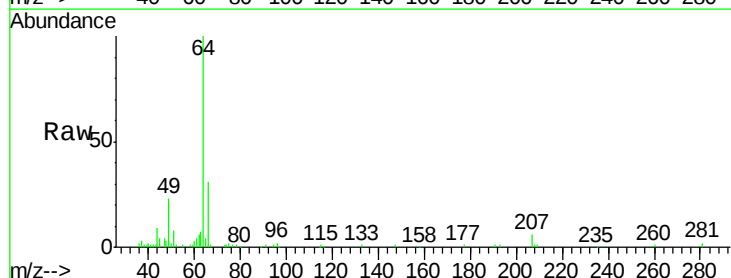
Acq: 05 Oct 2020 15:27

Tgt Ion: 64 Resp: 33186

Ion Ratio Lower Upper

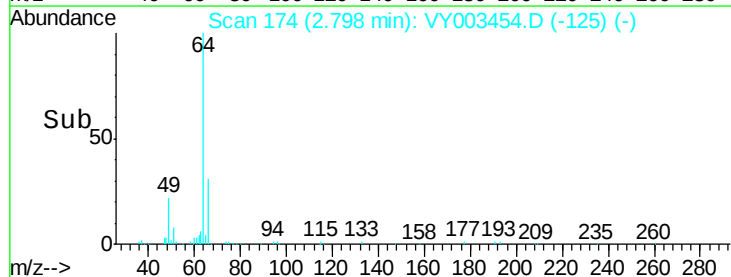
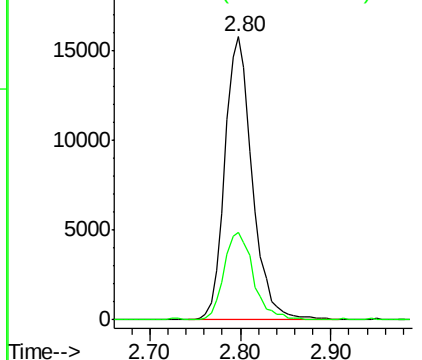
64 100

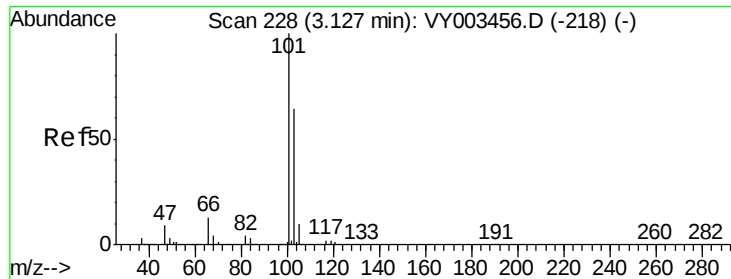
66 30.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

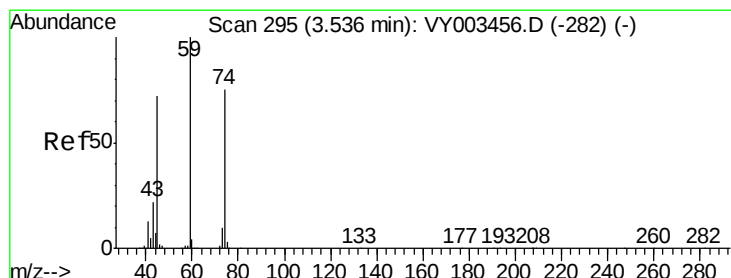
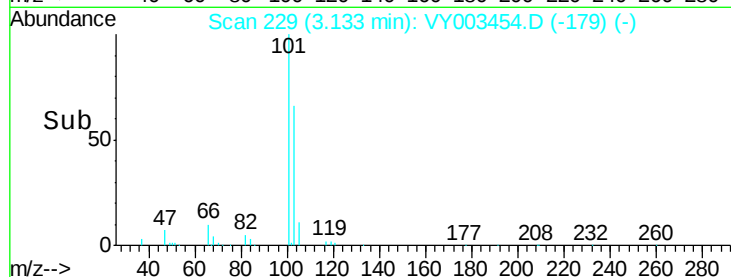
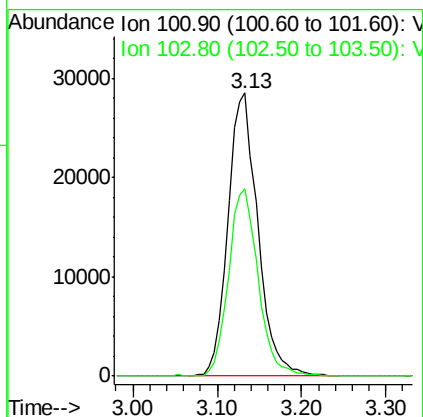
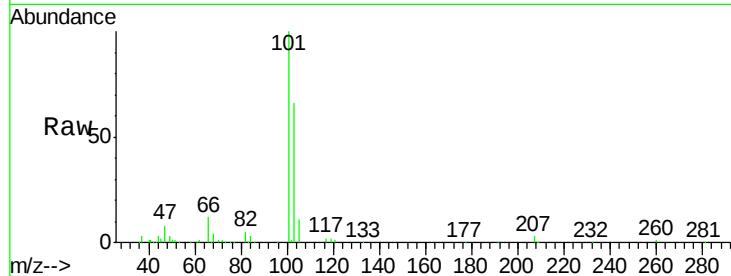
Trichlorofluoromethane
Concen: 10.563 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

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MSVOA_Y
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.6	77.4

Manual Integrations
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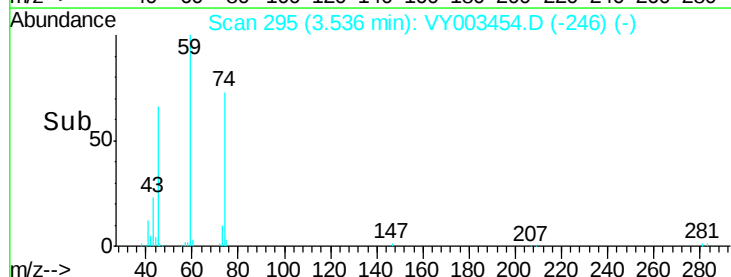
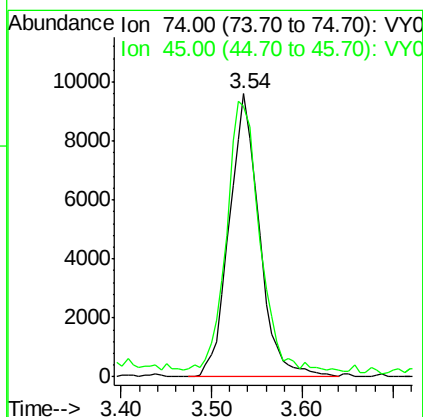
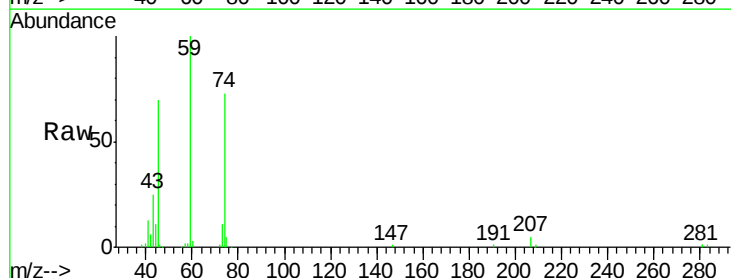
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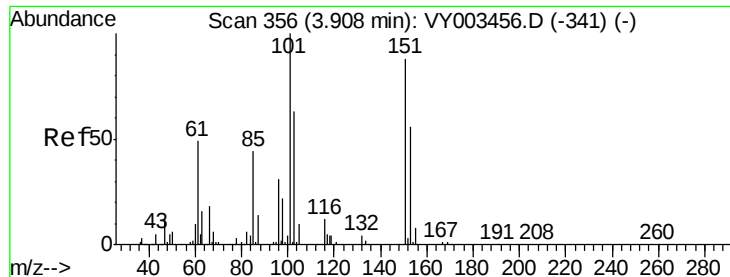


#8

Diethyl Ether
Concen: 10.178 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.349 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

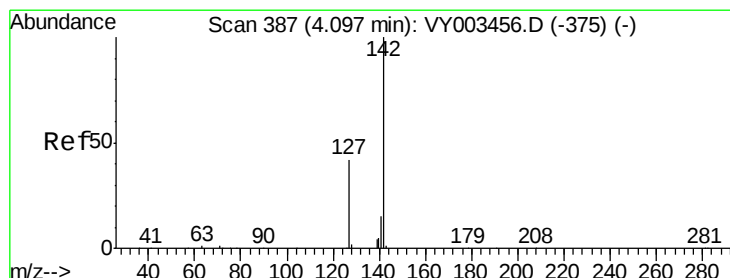
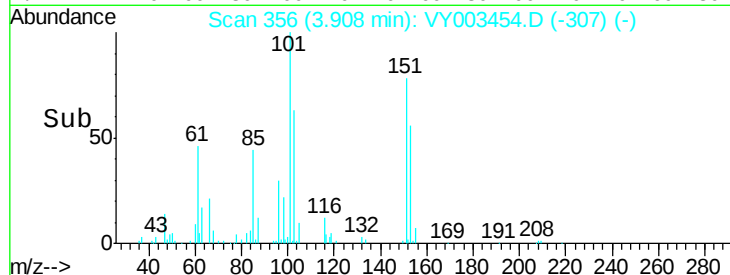
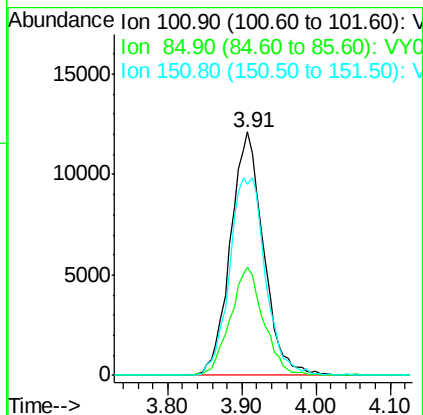
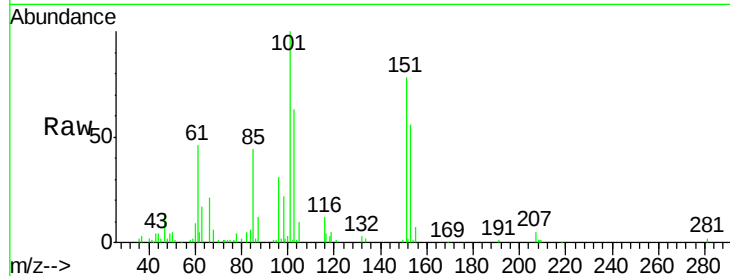
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	37651
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.5	53.3
151	88.2	67.9	101.9

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#10

Methyl Iodide

Concen: 3.481 ug/l

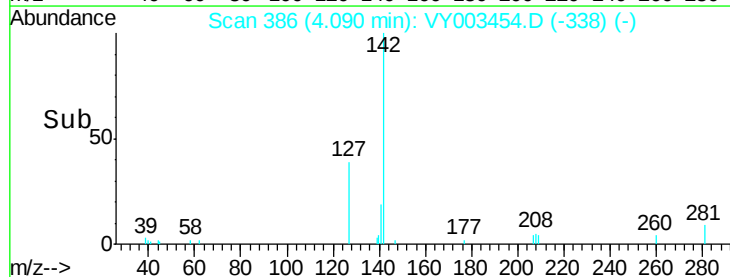
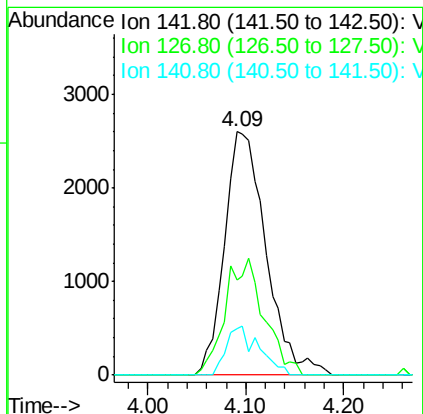
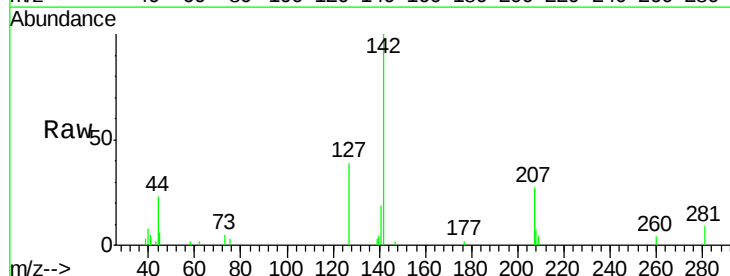
RT: 4.09 min Scan# 386

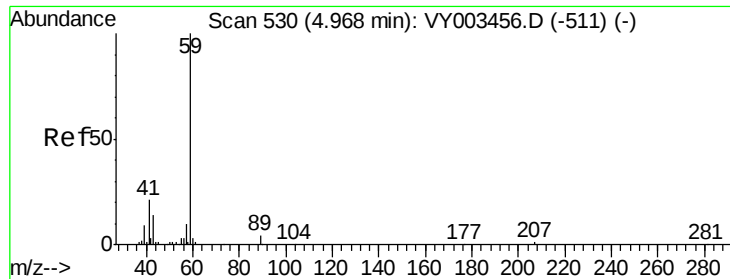
Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion:	142	Resp:	7682
Ion Ratio	Lower	Upper	
142	100		
127	44.9	34.9	52.3
141	15.6	11.9	17.9





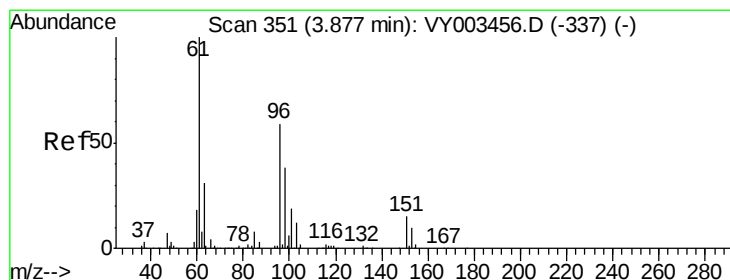
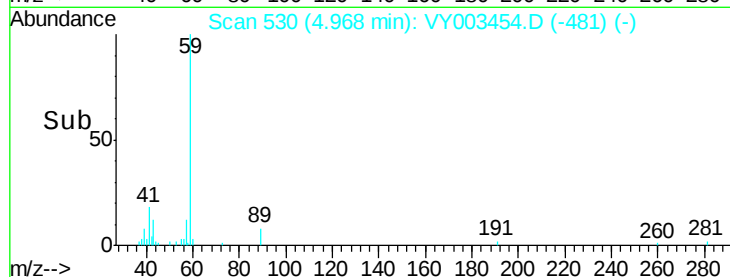
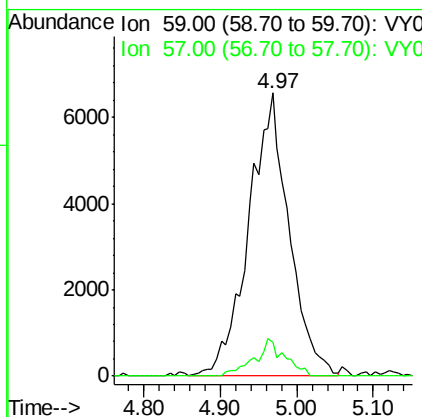
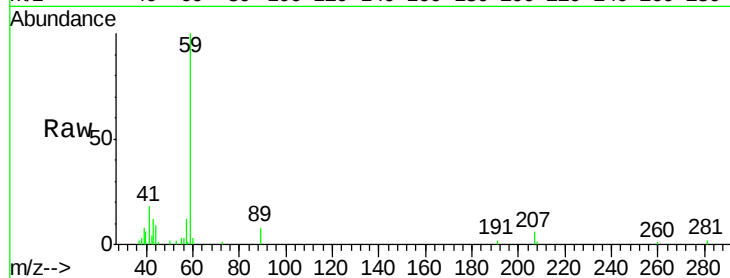
#11
Tert butyl alcohol
Concen: 56.173 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

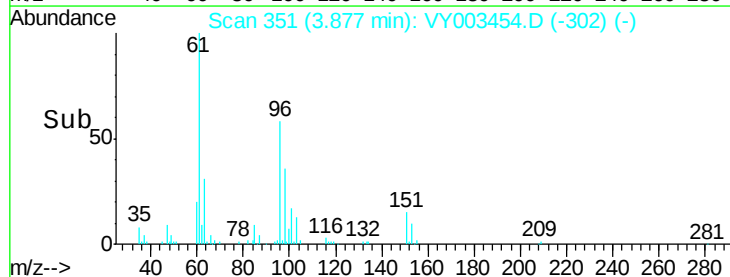
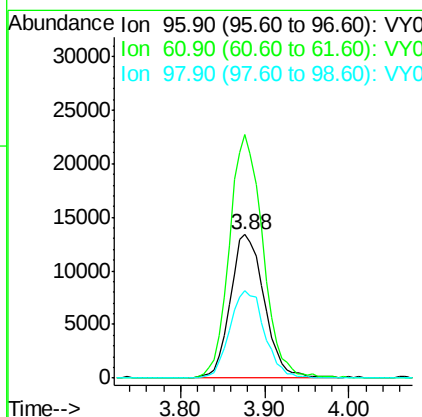
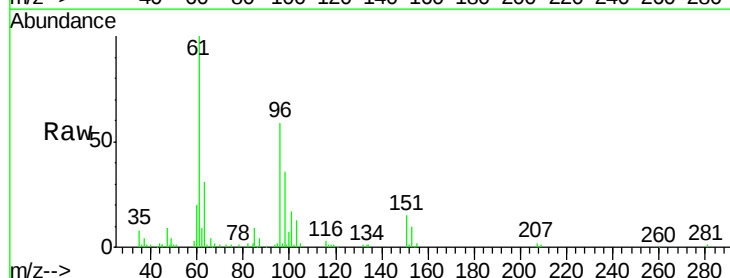
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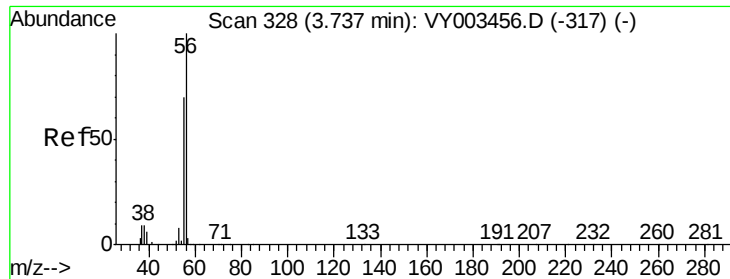
MMDadoda
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#12
1,1-Dichloroethene
Concen: 10.210 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.1	134.6	202.0
98	61.0	51.1	76.7





#13

Acrolein

Concen: 54.318 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 22824

Ion Ratio Lower Upper

56 100

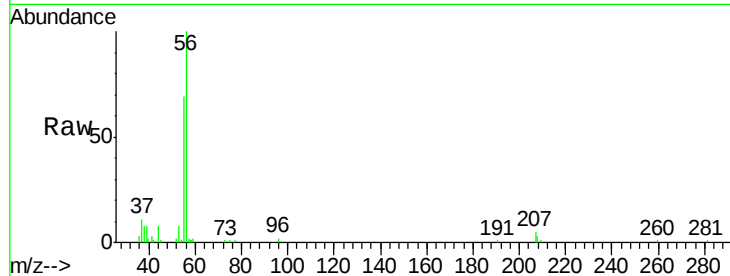
55 69.0 57.9 86.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

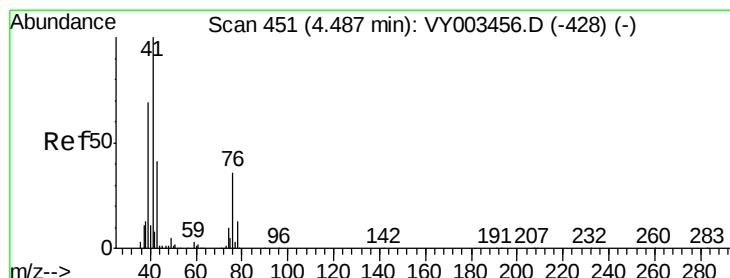
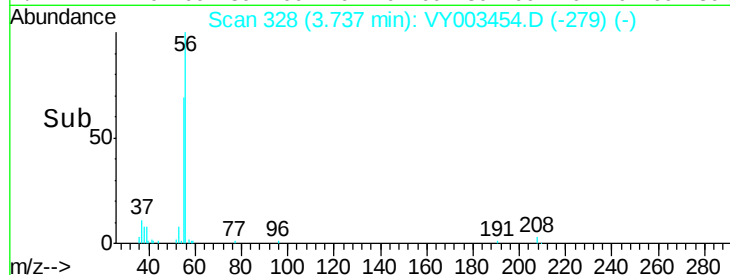
6000

4000

2000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 10.127 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

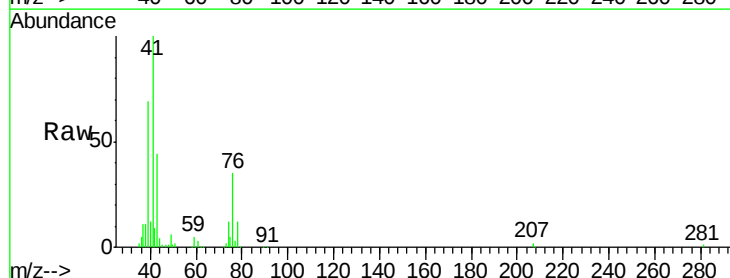
Tgt Ion: 41 Resp: 65226

Ion Ratio Lower Upper

41 100

39 68.0 54.6 82.0

76 35.5 27.5 41.3



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

25000

20000

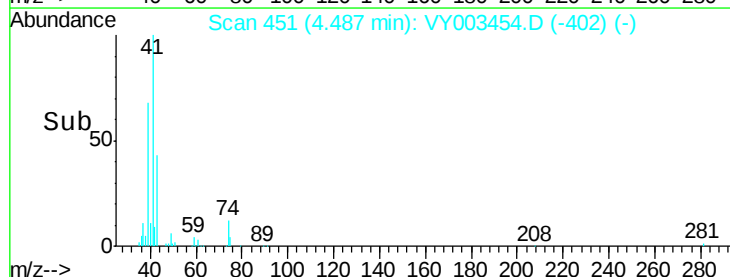
15000

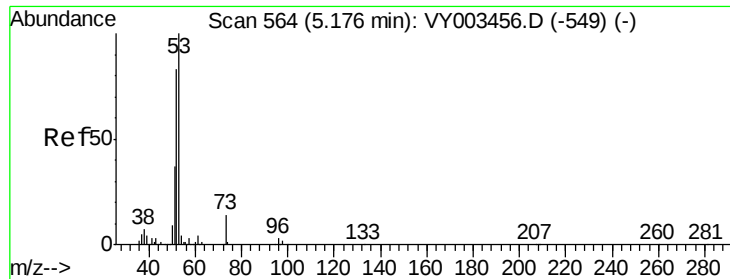
10000

5000

0

Time--> 4.30 4.40 4.50 4.60





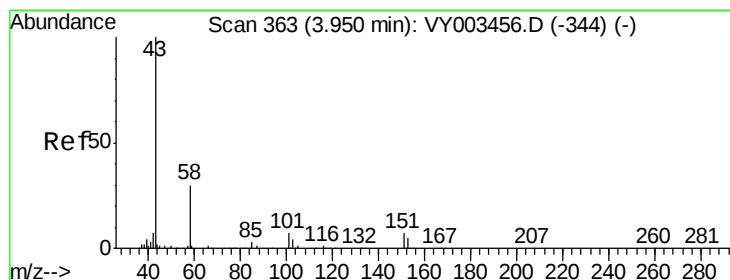
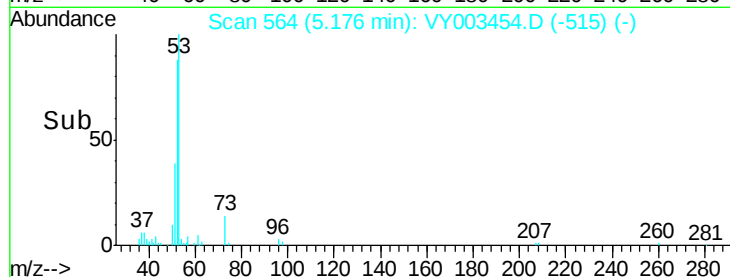
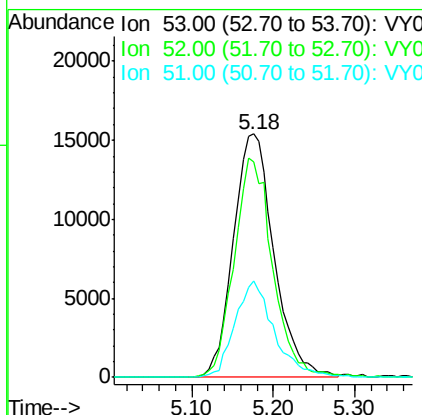
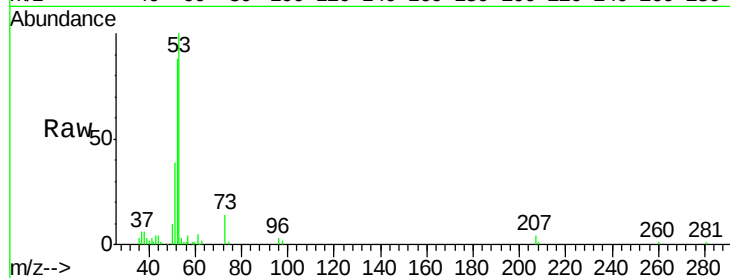
#15
 Acrylonitrile
 Concen: 51.267 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
53	100		
52	85.5	67.8	101.8
51	38.2	30.1	45.1

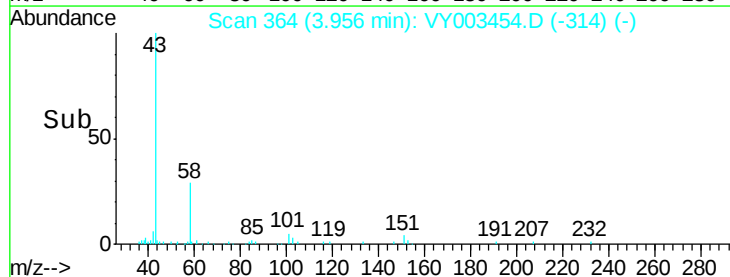
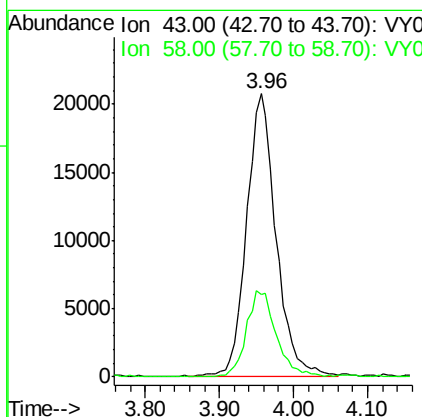
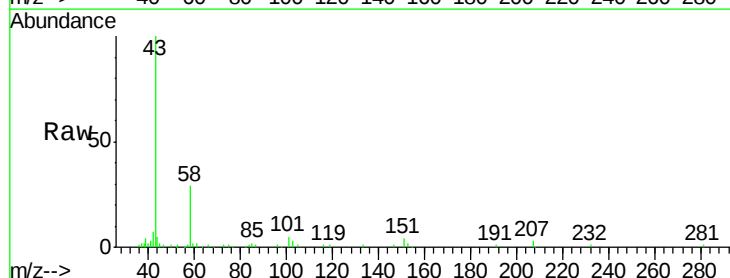
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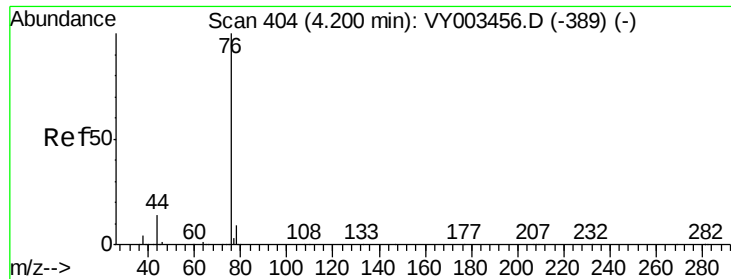
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#16
 Acetone
 Concen: 51.525 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.8	35.8





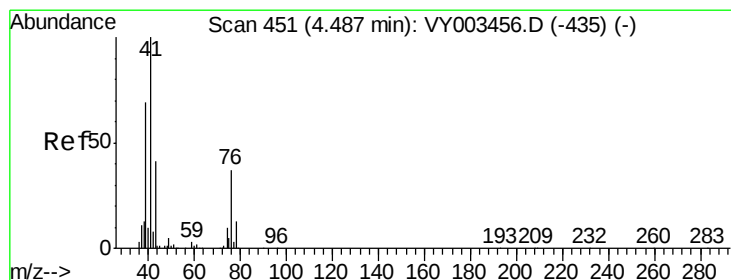
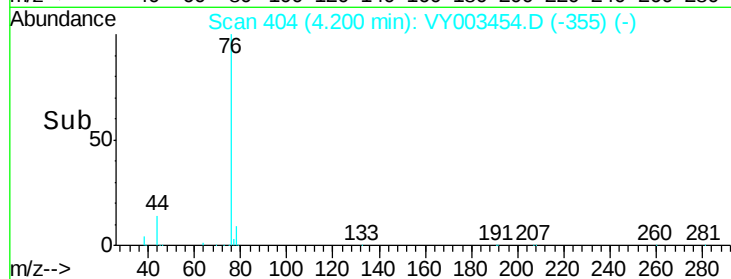
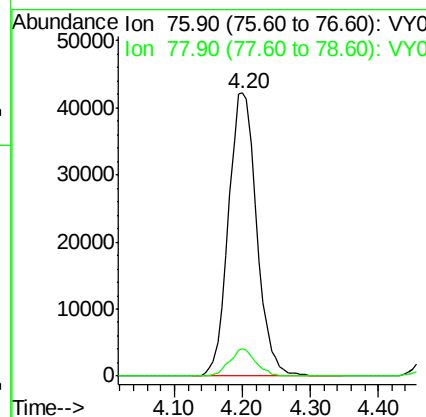
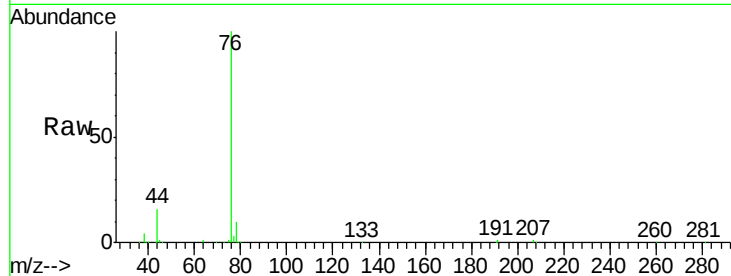
#17
Carbon Disulfide
Concen: 10.347 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

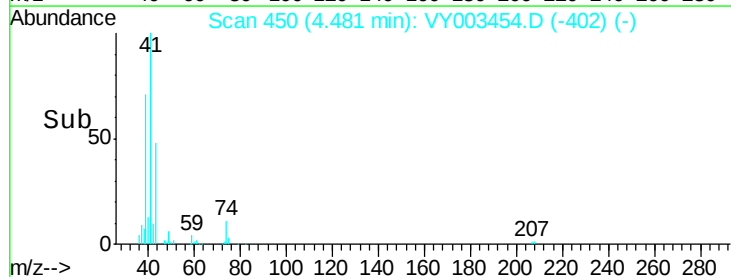
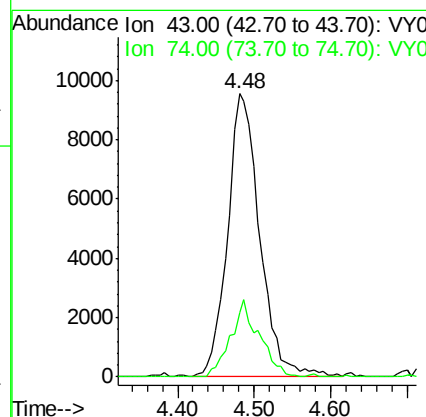
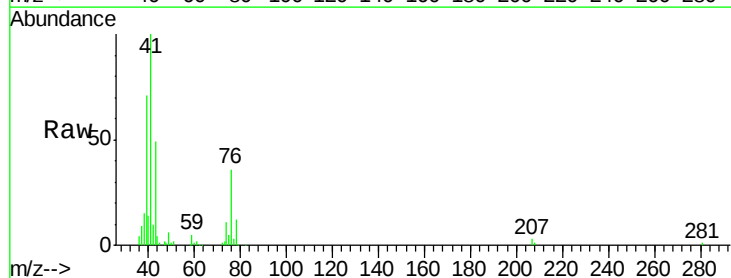
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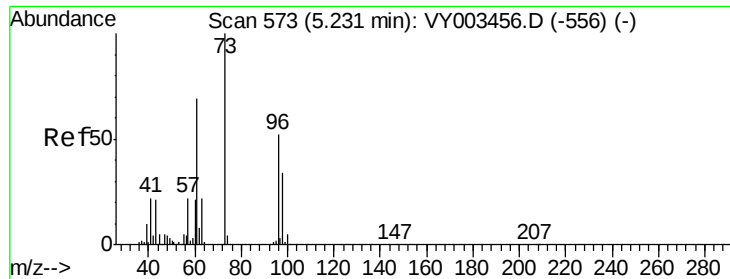
MMDadoda
10/6/2020 12:55:37 PM



#18
Methyl Acetate
Concen: 10.484 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.0	27.0





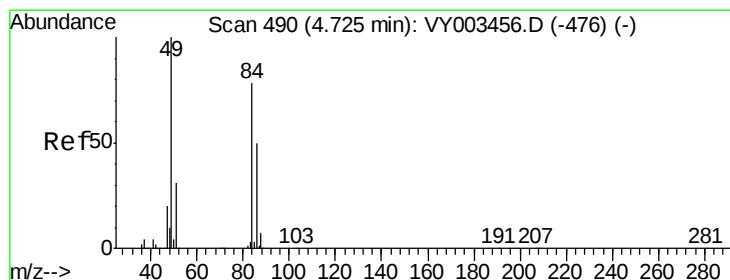
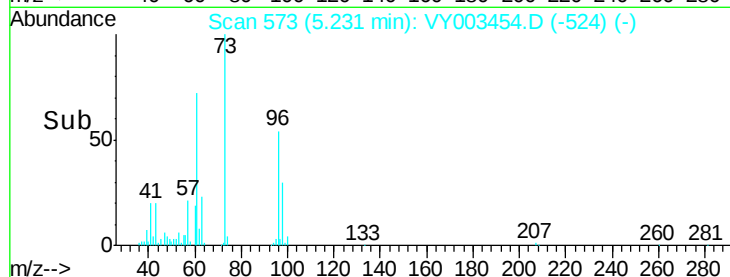
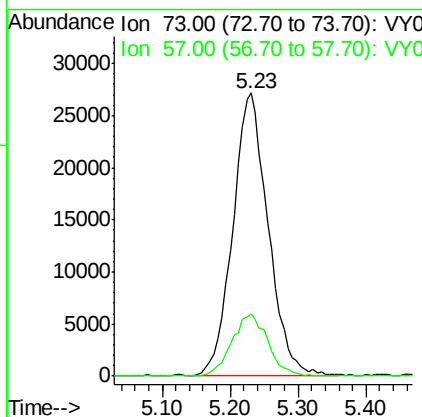
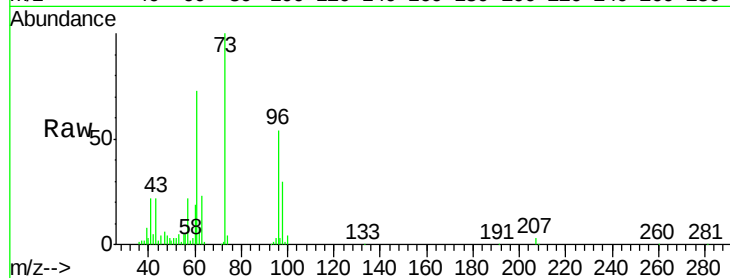
#19
Methvl tert-butvl Ether
Concen: 10.246 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.9	26.9

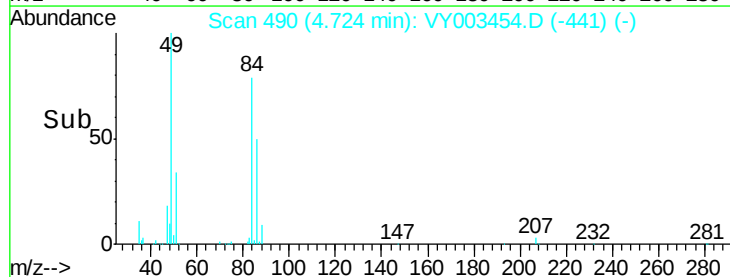
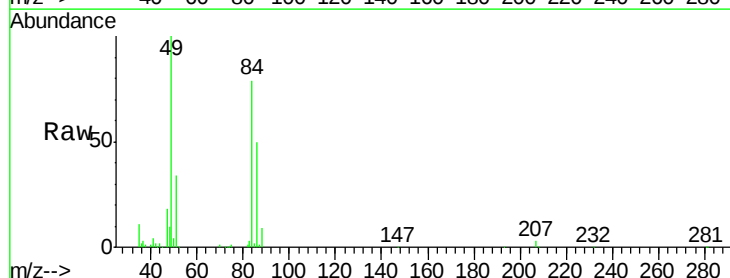
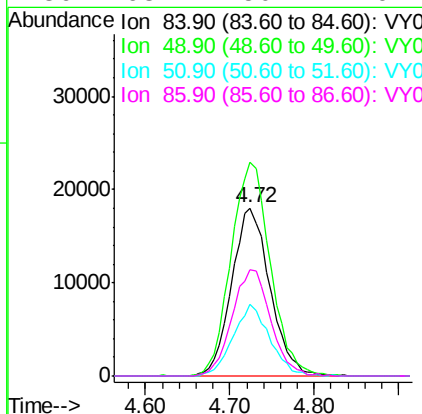
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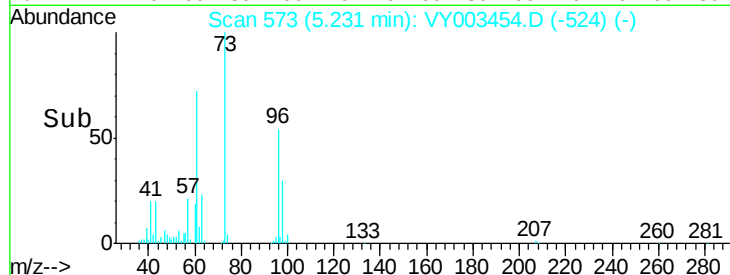
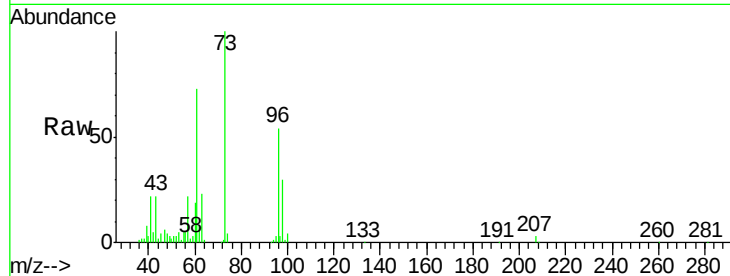
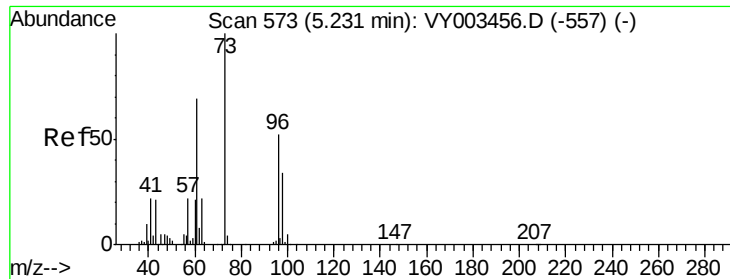
MMDadoda
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#20
Methylene Chloride
Concen: 11.610 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	102.2	153.2
51	42.9	32.0	48.0
86	63.2	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 10.564 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tot Ion:	96	Resp:	44281
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.6	161.4
98	55.7	52.1	78.1

Instrument :

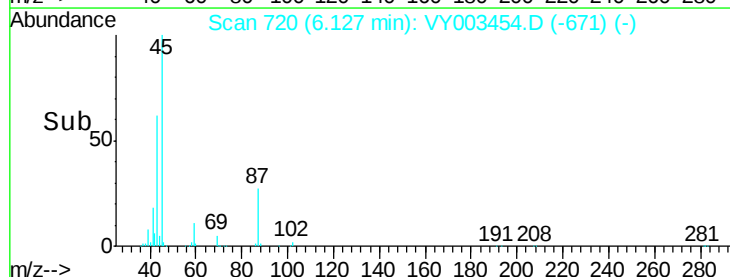
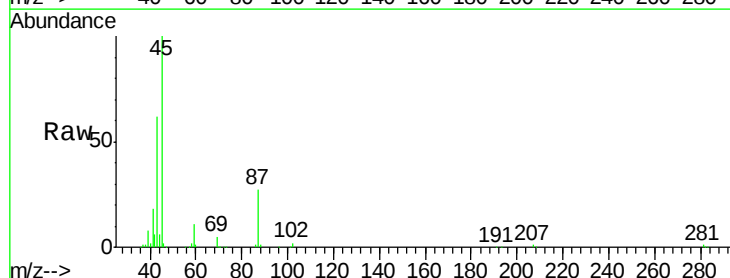
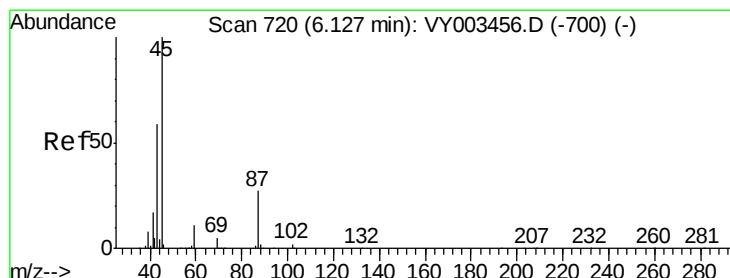
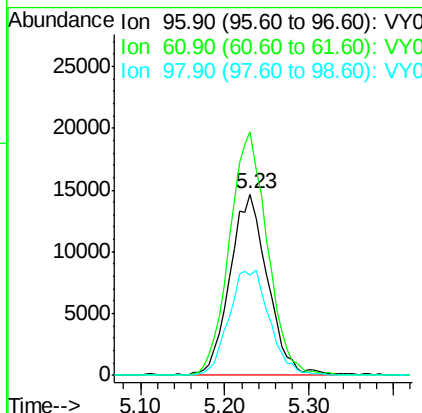
MSVOA_Y

ClientSampleId :

VSTDIC010

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#22

Diisopropyl ether

Concen: 10.412 ug/l

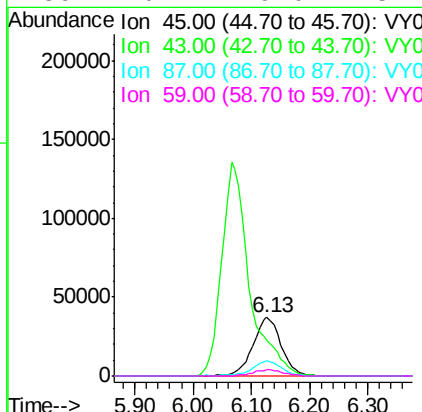
RT: 6.13 min Scan# 720

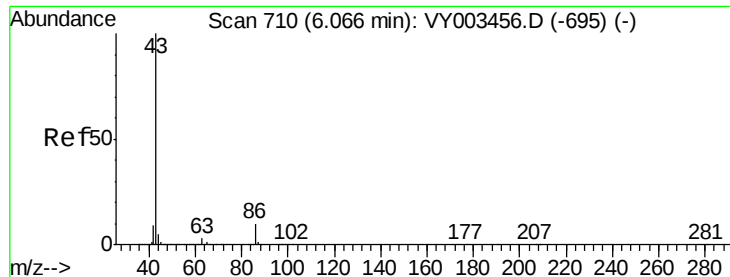
Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion:	45	Resp:	125192
Ion	Ratio	Lower	Upper
45	100		
43	62.2	47.5	71.3
87	26.9	22.2	33.2
59	10.7	9.0	13.4





#23

Vinyl Acetate

Concen: 50.594 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 447348

Ion Ratio Lower Upper

43 100

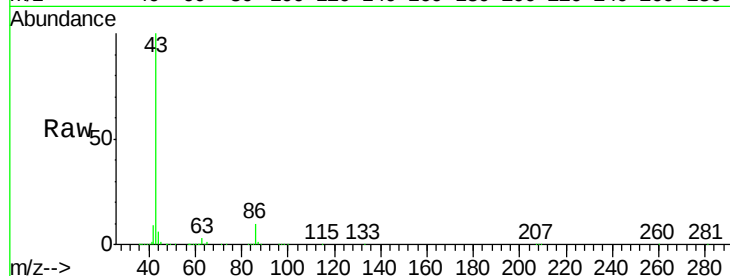
86 9.7 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

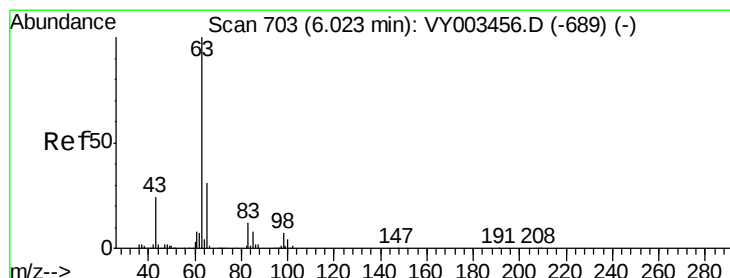
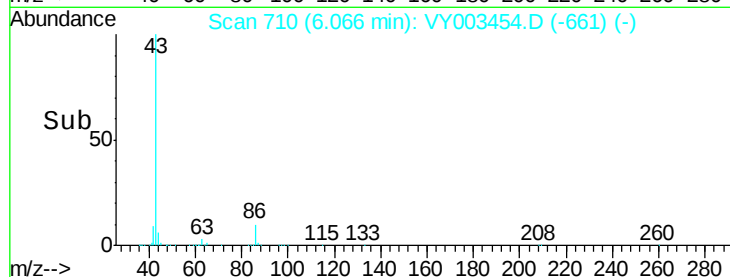
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 10.425 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

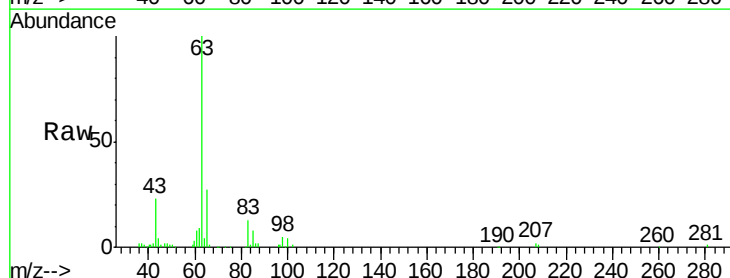
Tgt Ion: 63 Resp: 77459

Ion Ratio Lower Upper

63 100

98 5.0 3.4 10.2

100 3.7 2.2 6.6



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

6.02

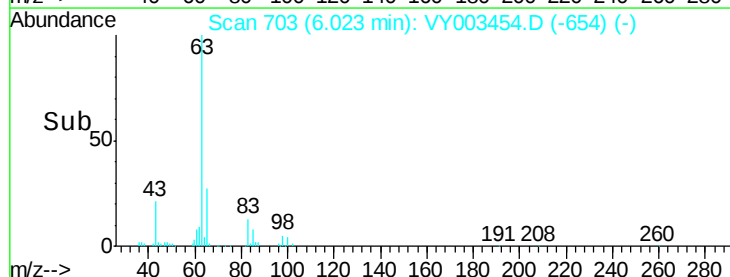
30000

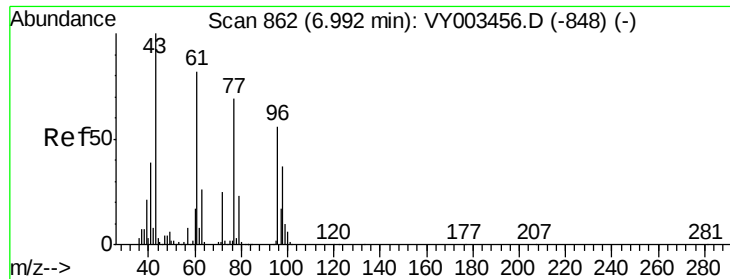
20000

10000

0

Time-->





#25

2-Butanone

Concen: 51.274 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 81734

Ion Ratio Lower Upper

43 100

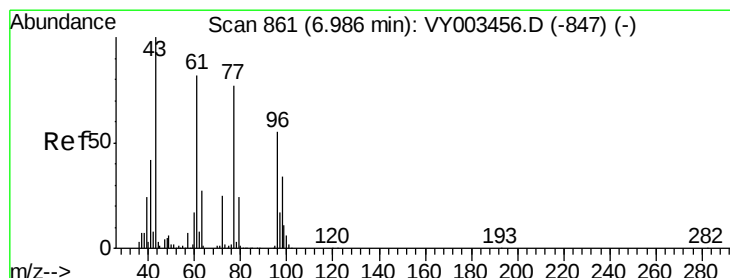
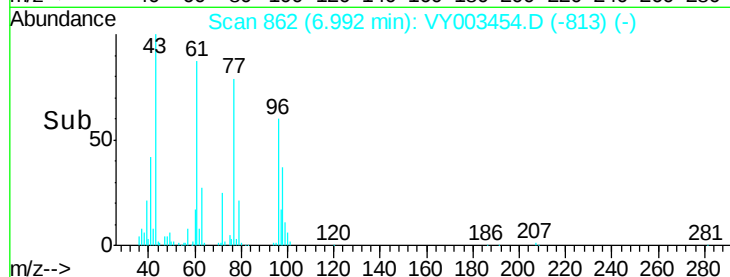
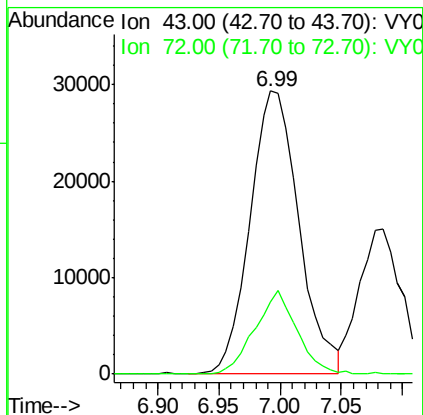
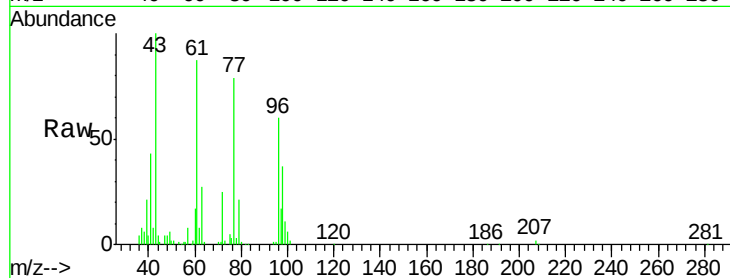
72 25.4 20.0 30.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.715 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003454.D

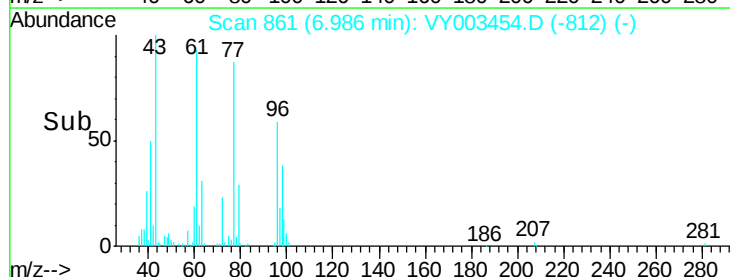
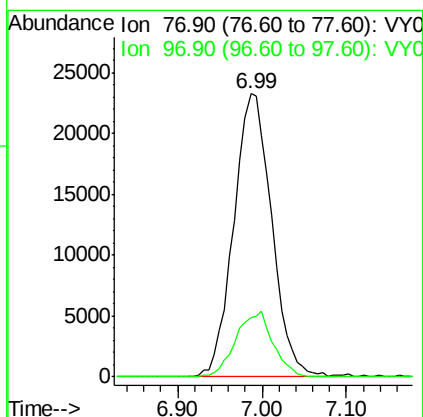
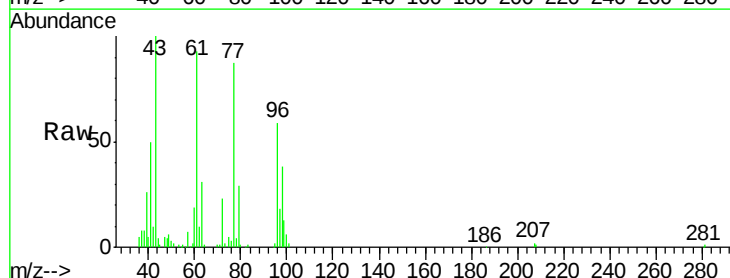
Acq: 05 Oct 2020 15:27

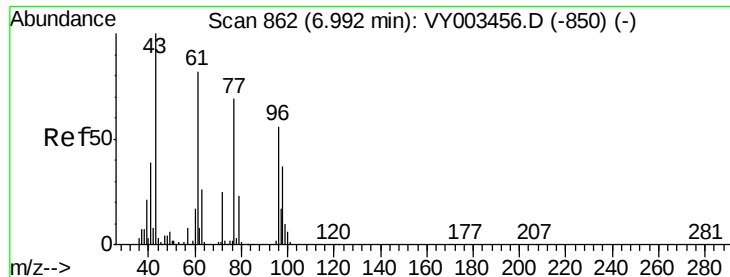
Tgt Ion: 77 Resp: 71152

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2





#27

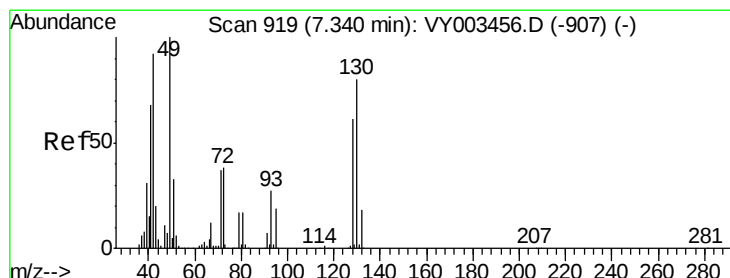
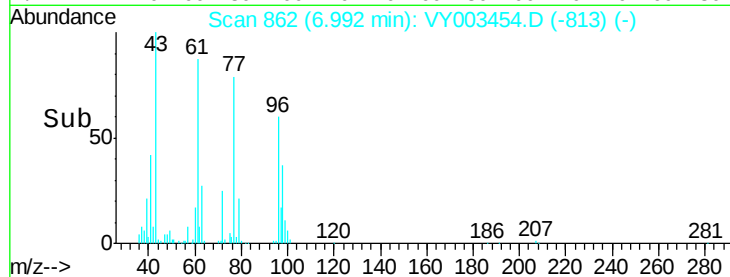
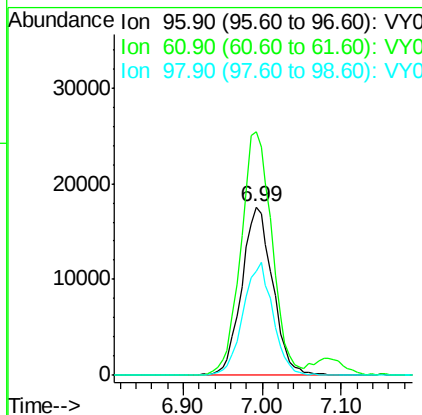
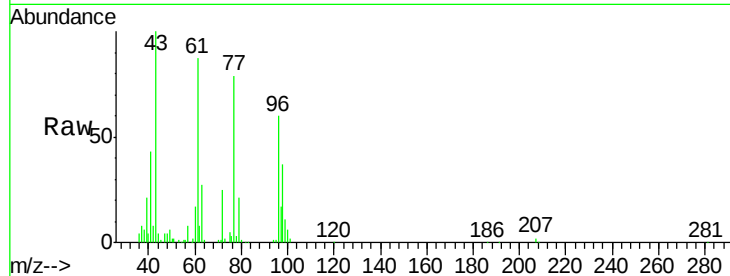
cis-1,2-Dichloroethene
Concen: 10.173 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	295.2
98	64.7	0.0	129.0

Manual Integrations
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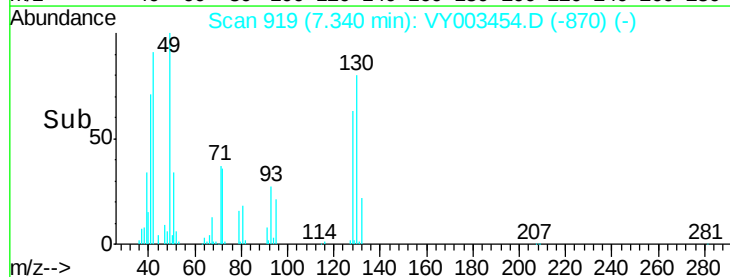
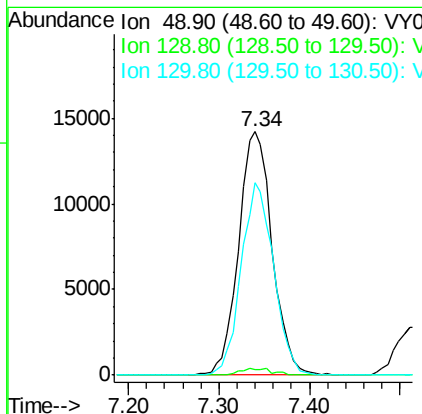
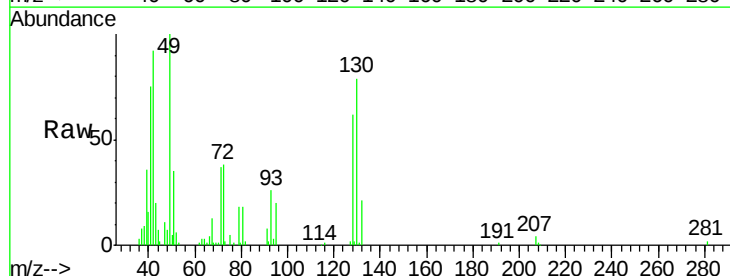
MMDadoda
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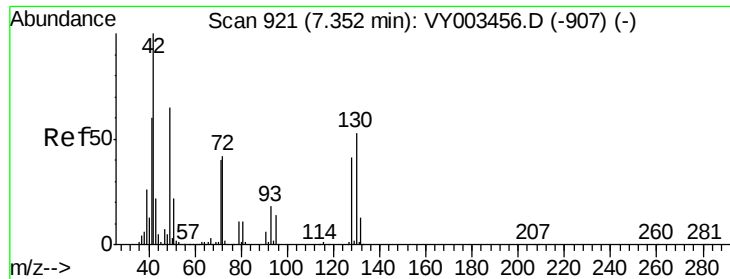


#28

Bromochloromethane
Concen: 9.924 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	76.7	62.4	93.6





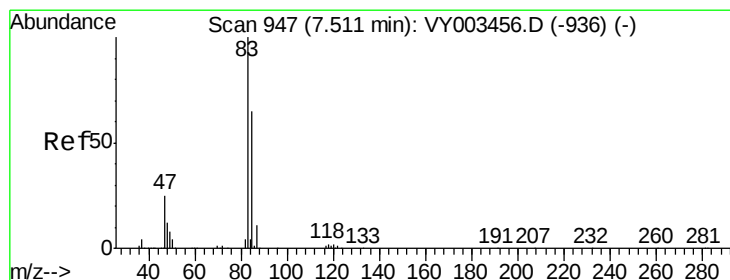
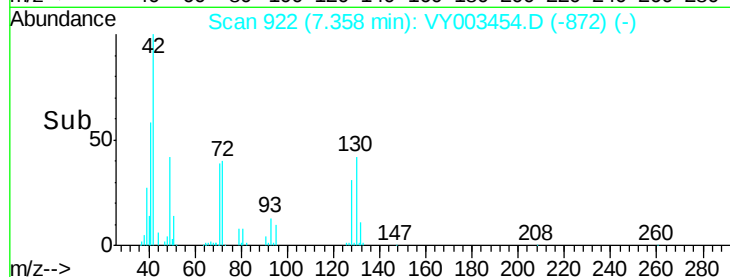
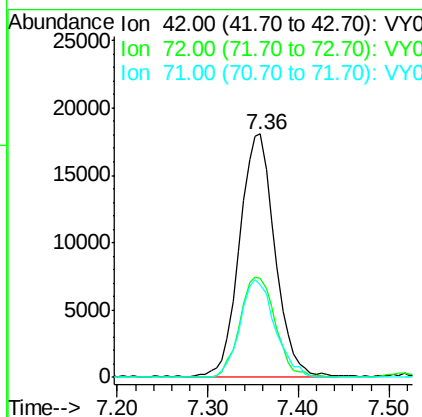
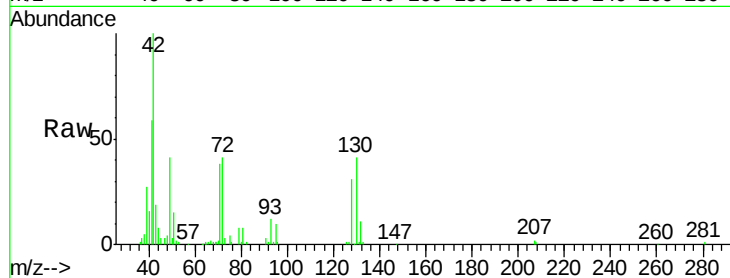
#29
Tetrahydrofuran
Concen: 52.579 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:	42	Resp:	49077
Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.3	49.9
71	39.2	31.7	47.5

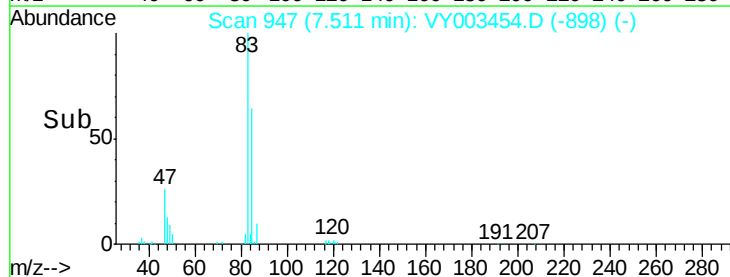
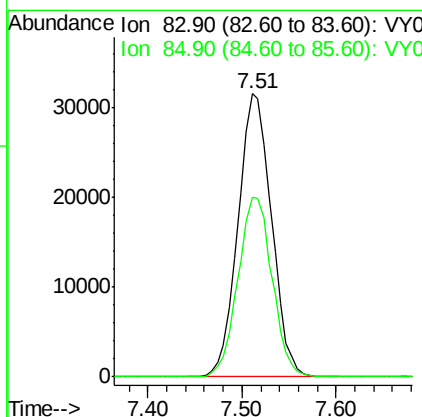
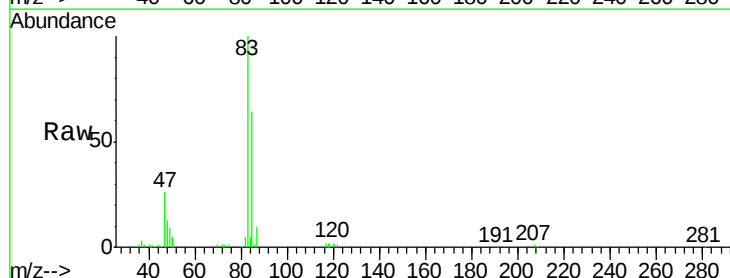
Manual Integrations
APPROVED

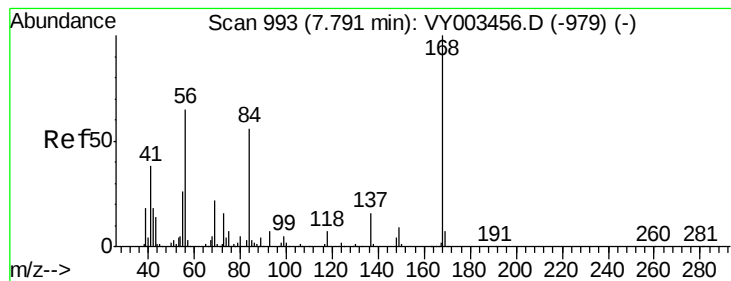
MMDadoda
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#30
Chloroform
Concen: 10.321 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:	83	Resp:	77924
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.2	78.4





#31

Cyclohexane

Concen: 10.779 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 70798

Ion Ratio Lower Upper

56 100

69 48.1 26.8 40.2#

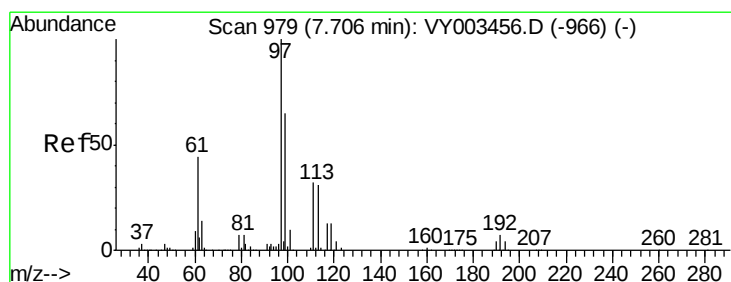
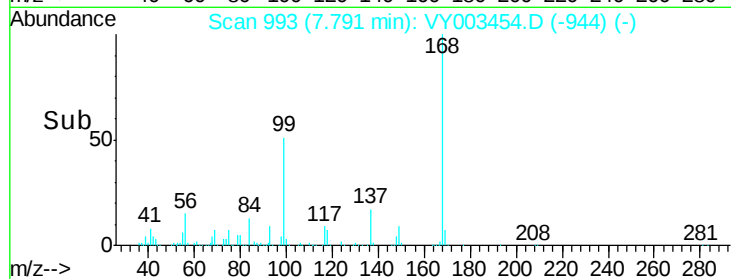
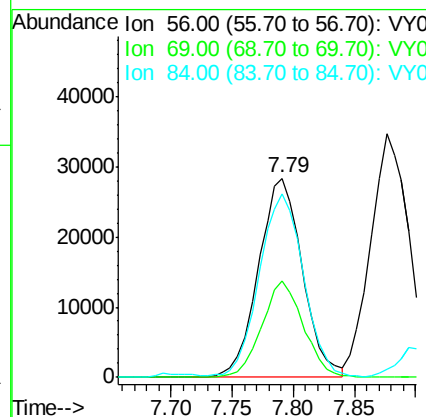
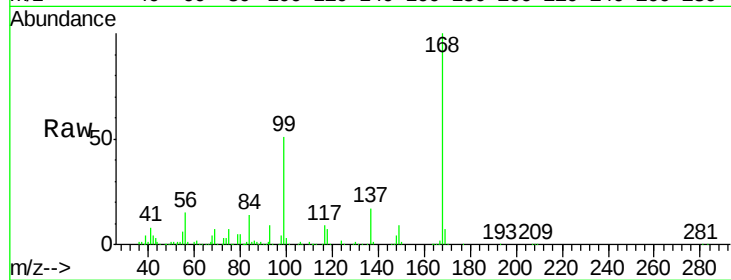
84 90.8 69.1 103.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 10.309 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

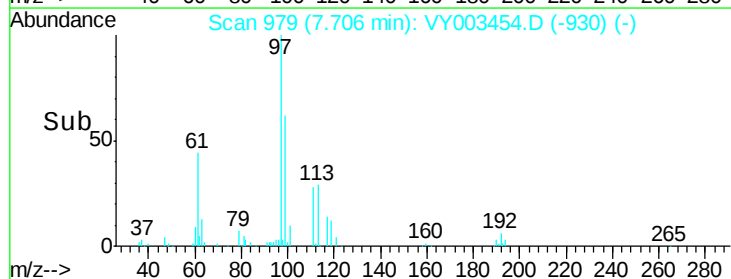
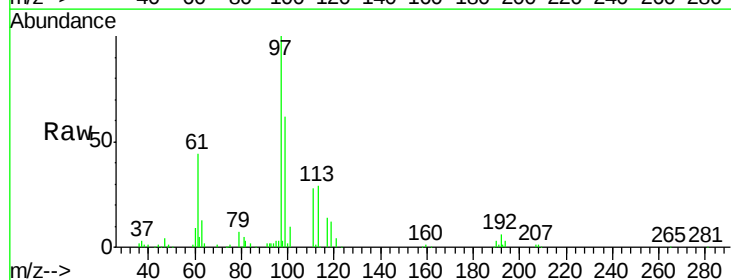
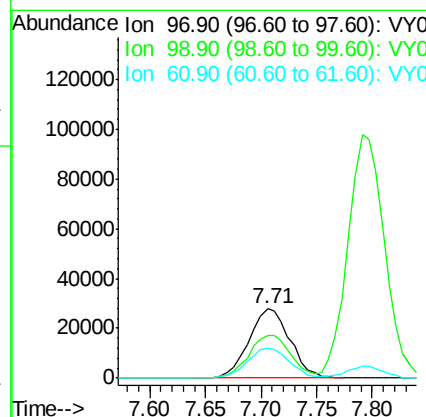
Tgt Ion: 97 Resp: 71371

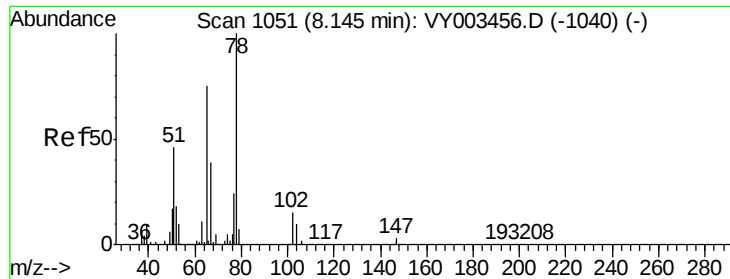
Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 44.6 34.4 51.6





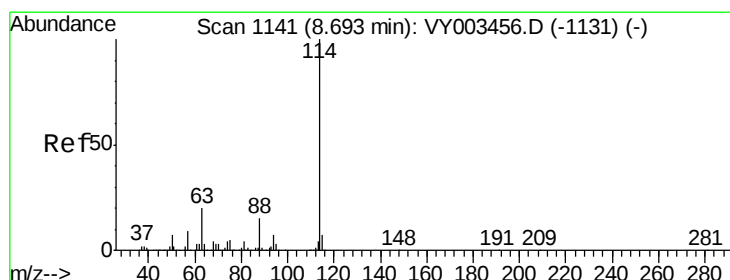
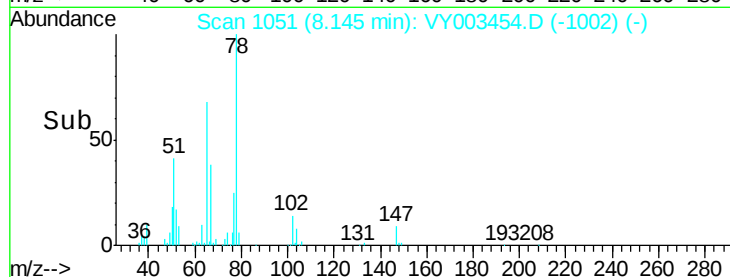
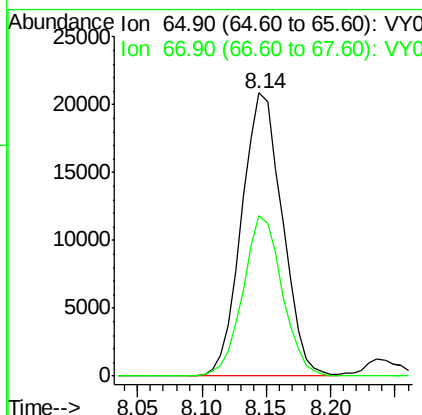
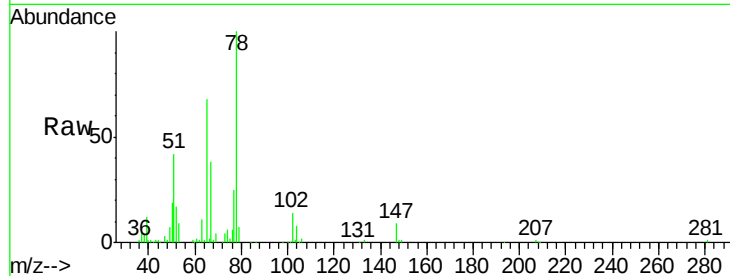
#33
 1,2-Dichloroethane-d4
 Concen: 9.867 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	104.4

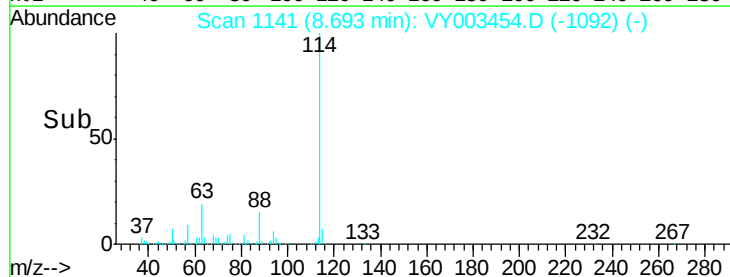
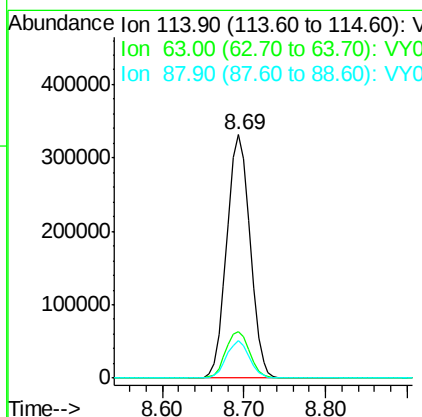
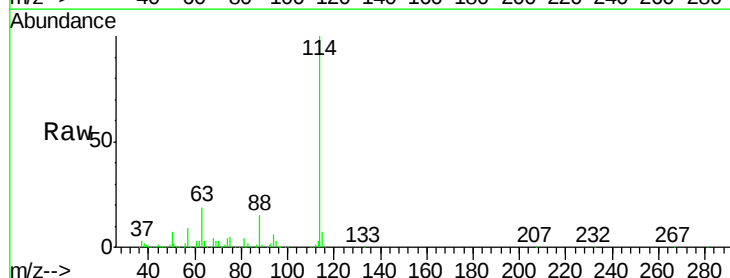
Manual Integrations
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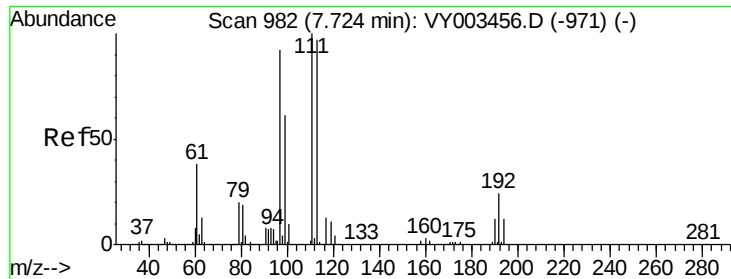
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.2
88	15.3	0.0	30.0





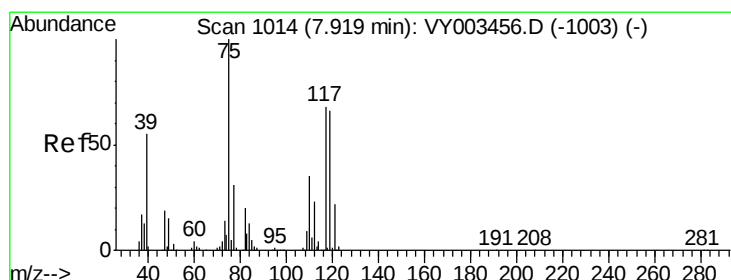
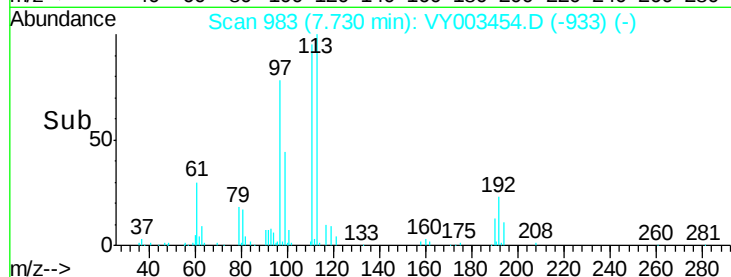
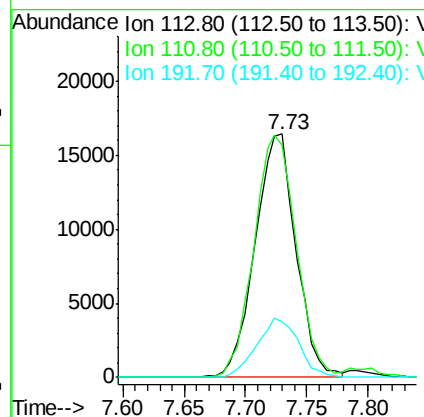
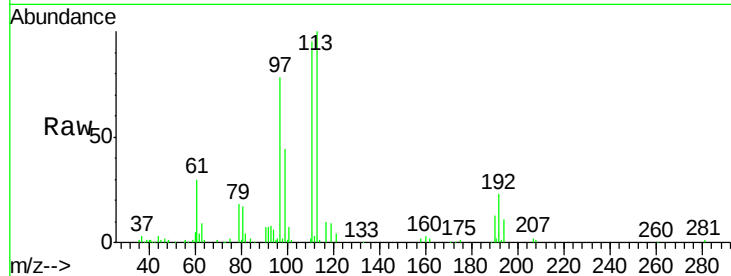
#35
Dibromofluoromethane
Concen: 9.681 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	24.8	19.8	29.6

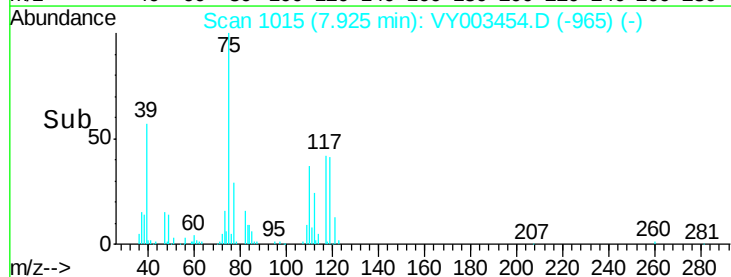
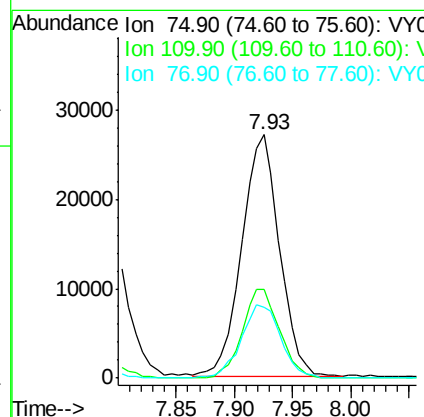
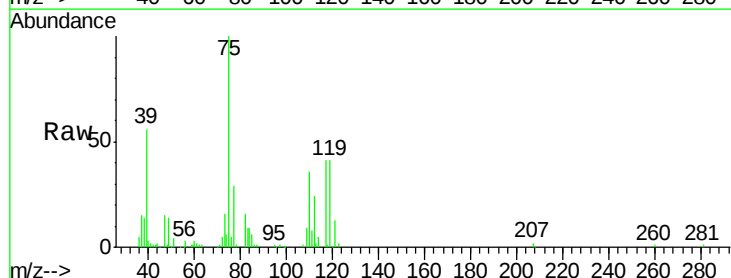
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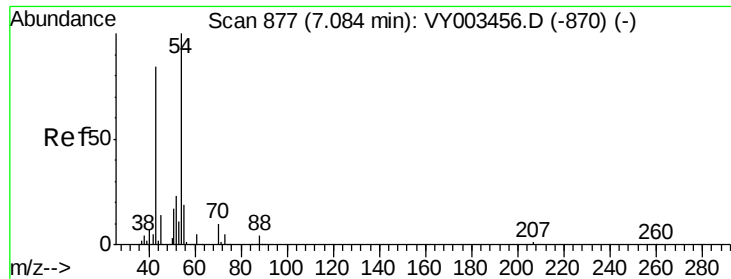
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#36
1,1-Dichloropropene
Concen: 10.055 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	31.8	24.8	37.2





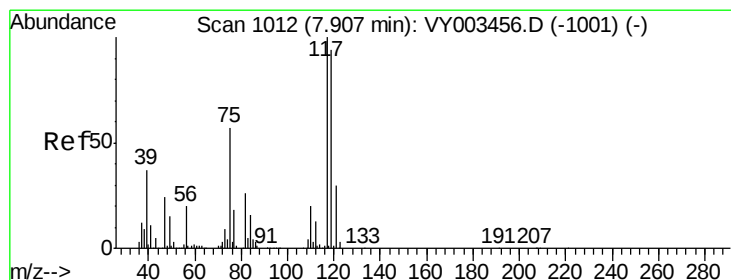
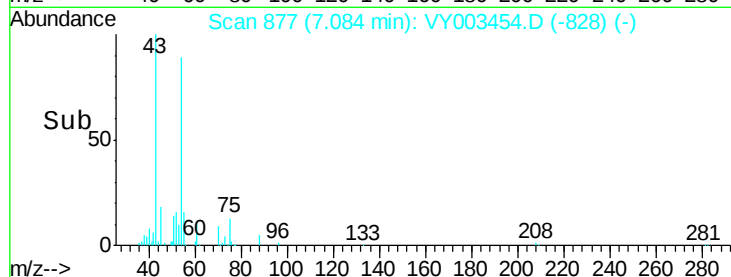
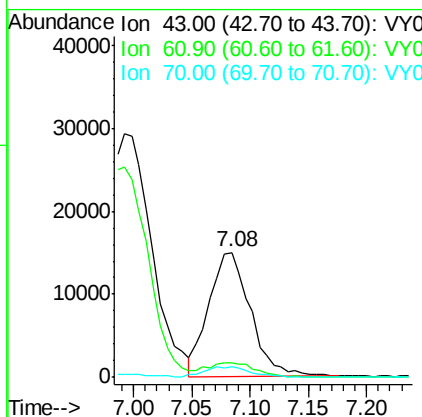
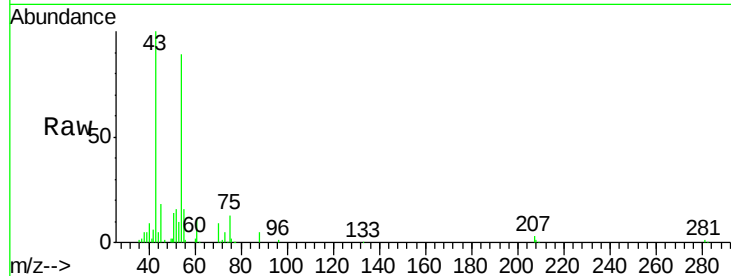
#37
Ethyl Acetate
Concen: 10.297 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	11.0	16.4
70	9.7	8.2	12.2

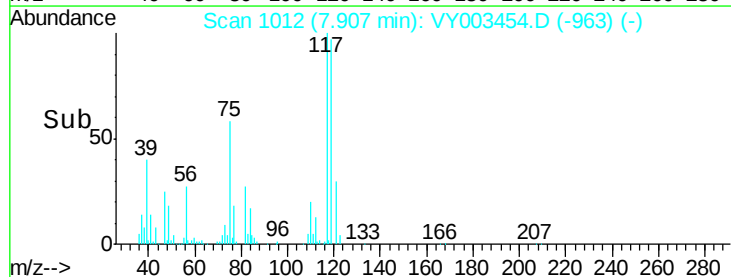
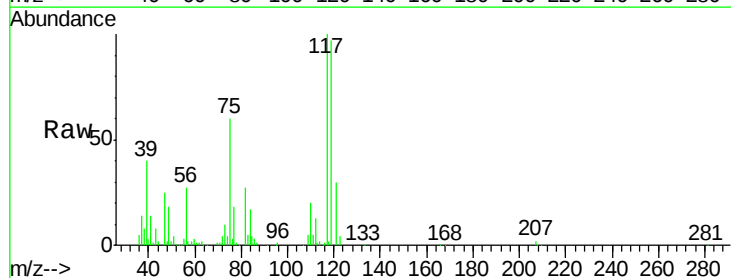
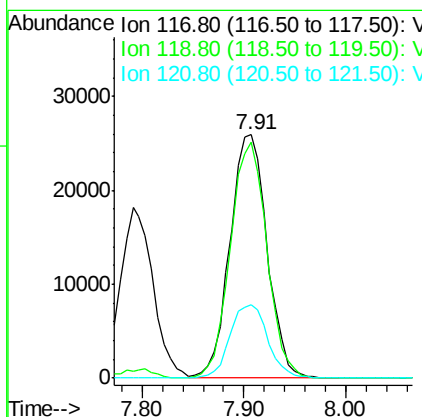
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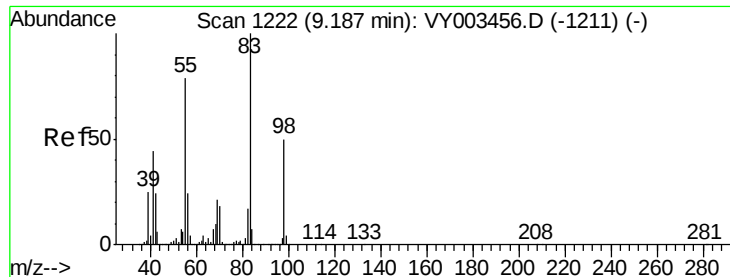
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#38
Carbon Tetrachloride
Concen: 10.273 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.7	112.1
121	30.0	24.3	36.5





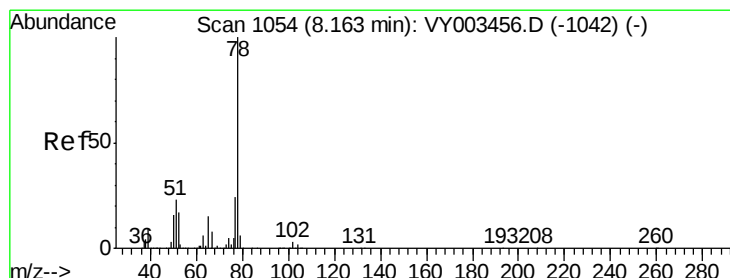
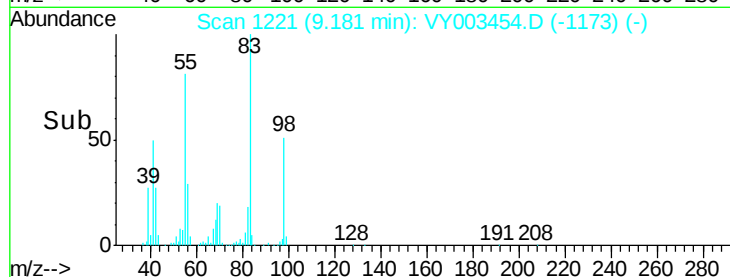
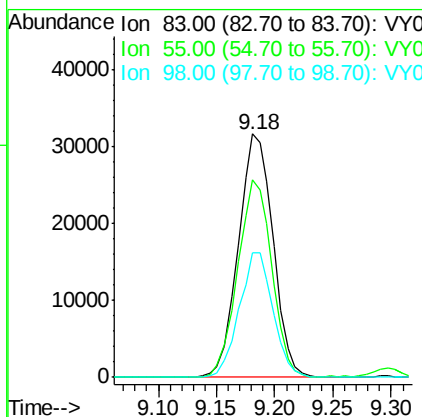
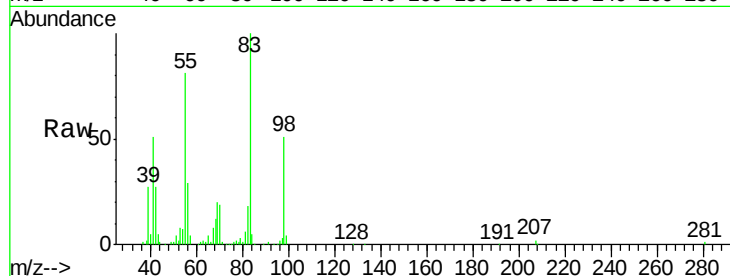
#39
Methvlcvclohexane
Concen: 9.737 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	63.0	94.6
98	51.3	39.7	59.5

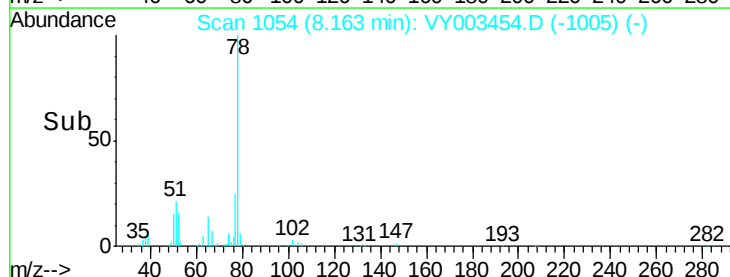
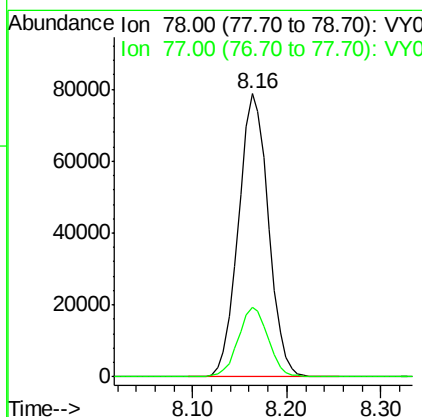
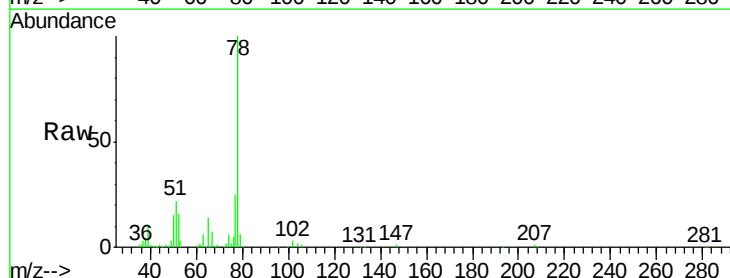
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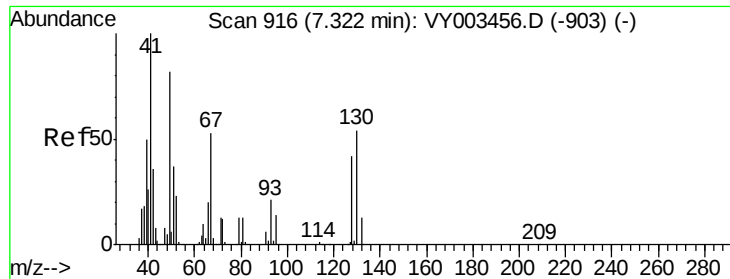
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#40
Benzene
Concen: 10.115 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9





#41

Methacrylonitrile

Concen: 10.433 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 19058
Ion Ratio Lower Upper

41 100

39 124.9 0.0 0.0#

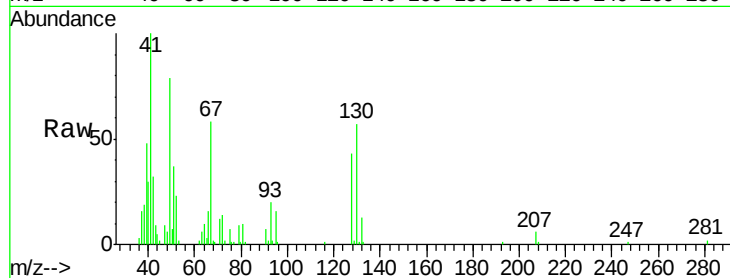
67 0.0 0.0 0.0

52 0.0 0.0 0.0

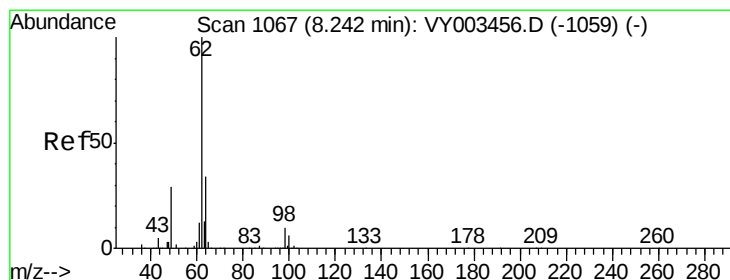
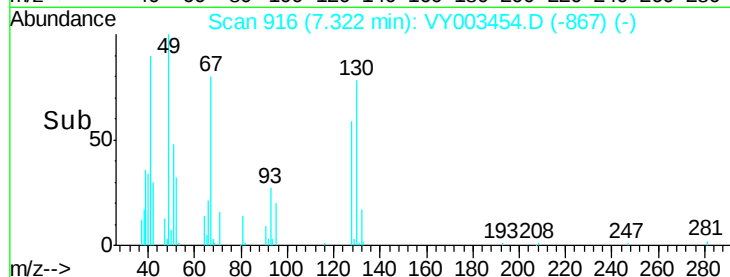
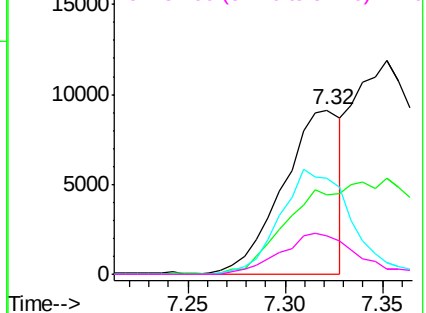
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 10.285 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

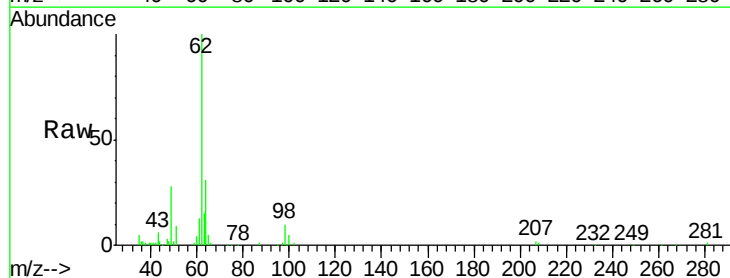
Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

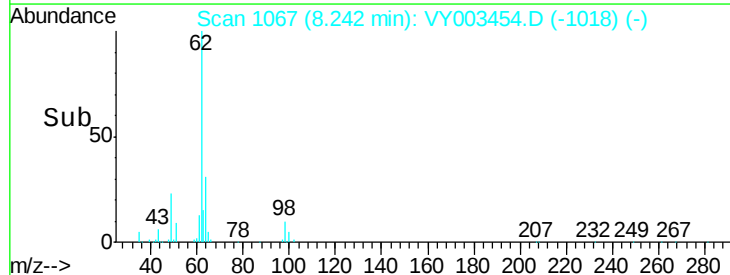
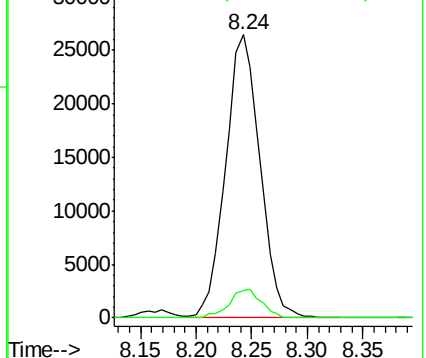
Tgt Ion: 62 Resp: 56615
Ion Ratio Lower Upper

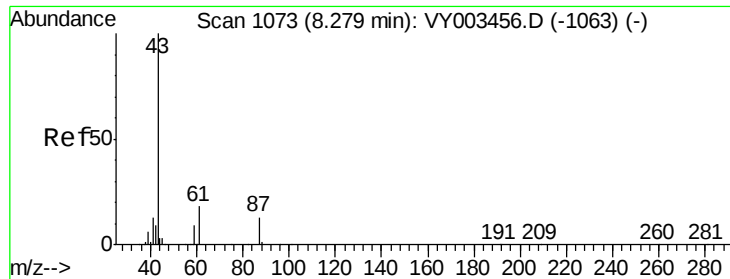
62 100

98 9.5 0.0 18.6



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





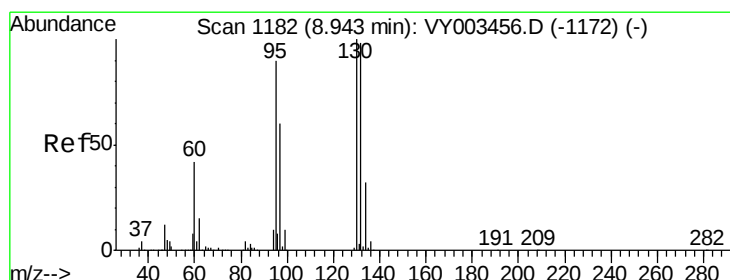
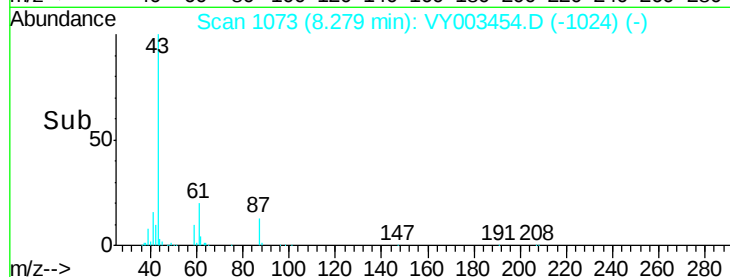
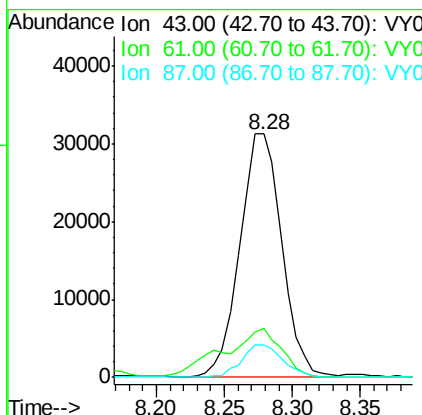
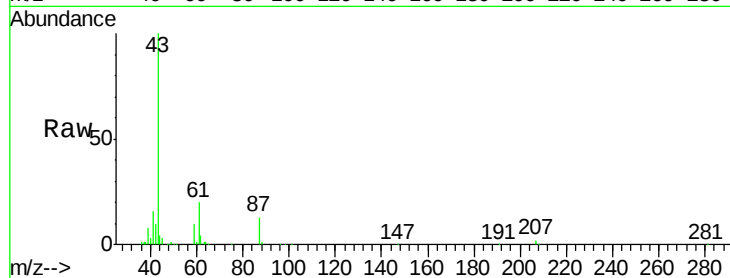
#43
Isopropyl Acetate
Concen: 9.943 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.7	34.1
87	13.3	10.4	15.6

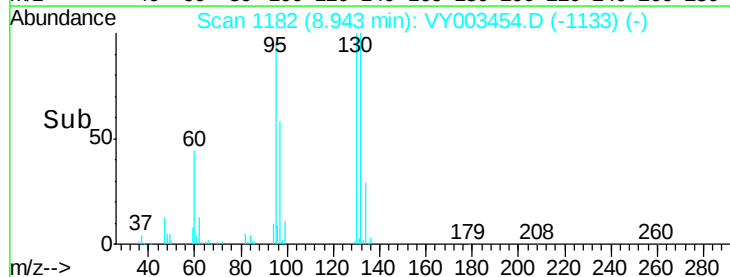
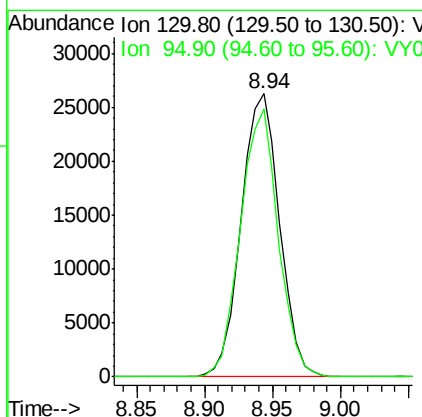
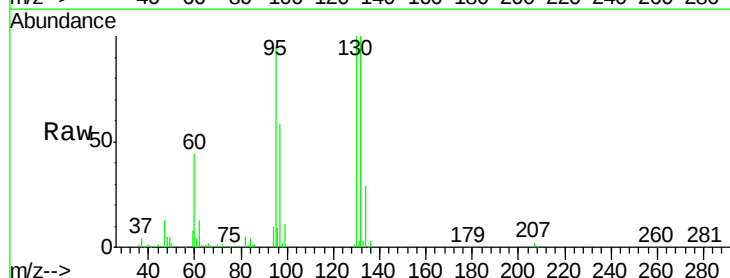
Manual Integrations
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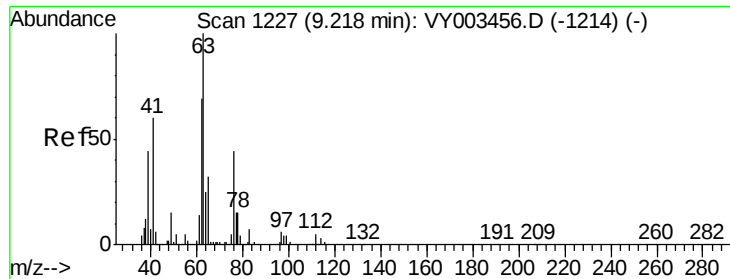
MMDadoda
10/6/2020 12:55:37 PM



#44
Trichloroethene
Concen: 10.174 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	180.6





#45

1,2-Dichloropropane

Concen: 10.089 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 44493

Ion Ratio Lower Upper

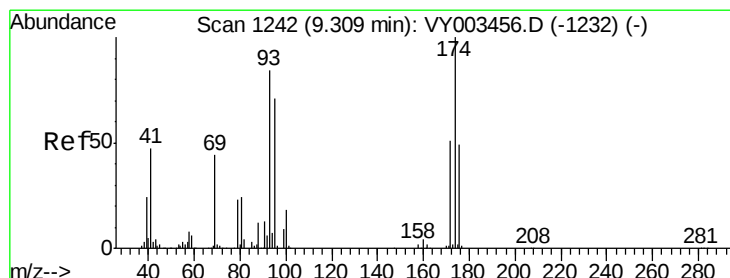
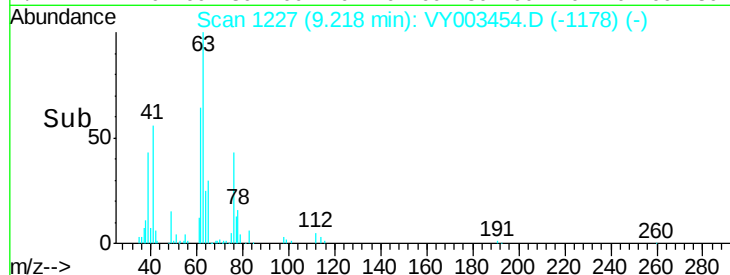
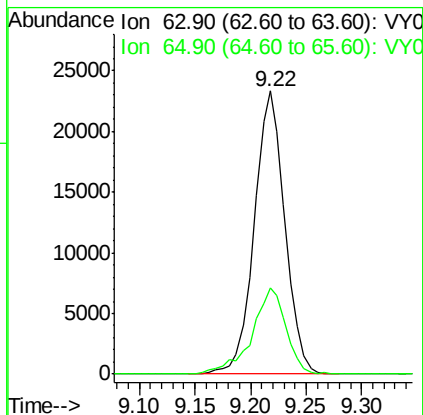
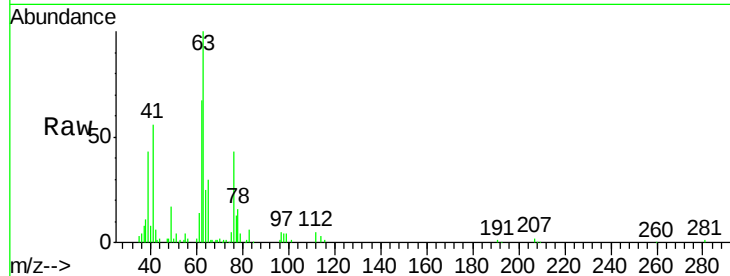
63 100

65 30.3 25.4 38.2

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#46

Dibromomethane

Concen: 10.368 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

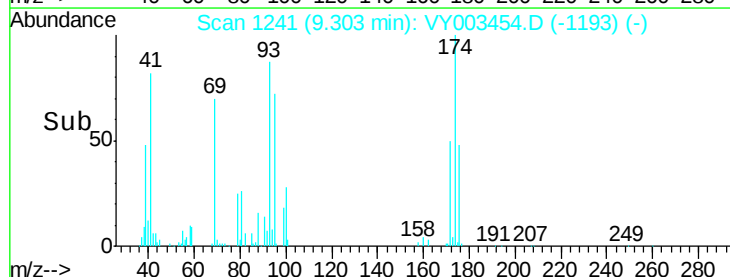
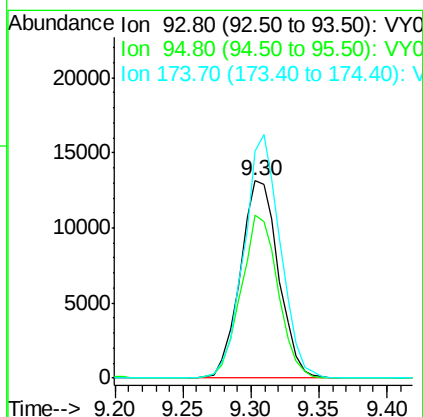
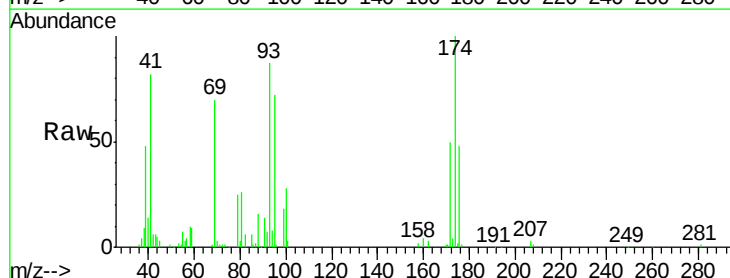
Tgt Ion: 93 Resp: 25734

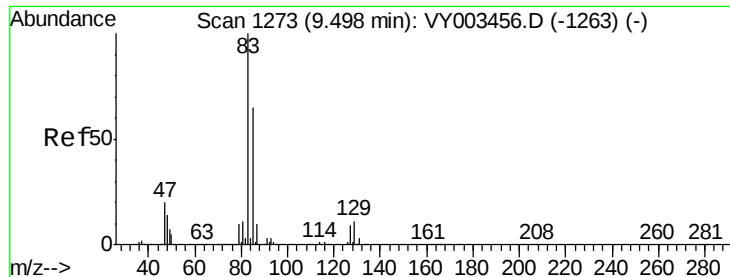
Ion Ratio Lower Upper

93 100

95 80.3 65.6 98.4

174 117.9 94.3 141.5





#47

Bromodichloromethane

Concen: 10.076 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

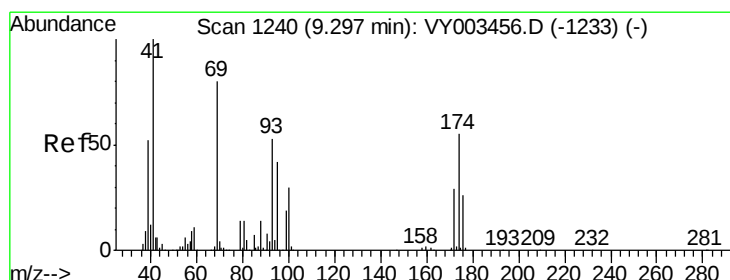
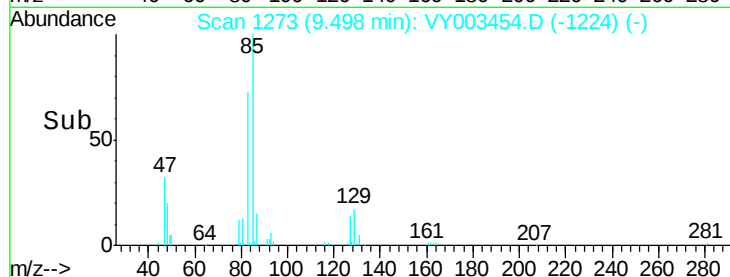
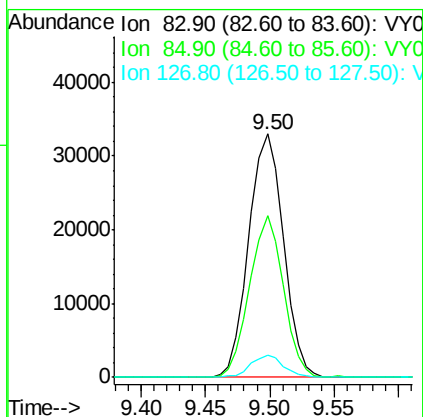
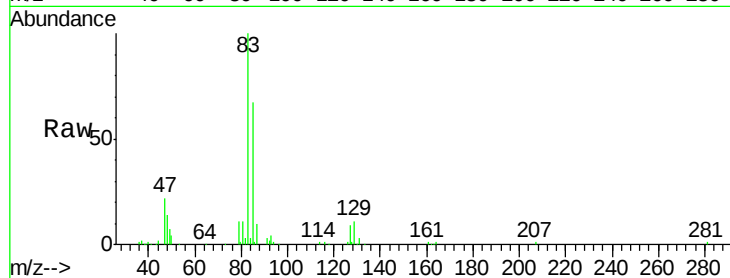
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	61610
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.1	78.1
127	9.3	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 9.814 ug/l

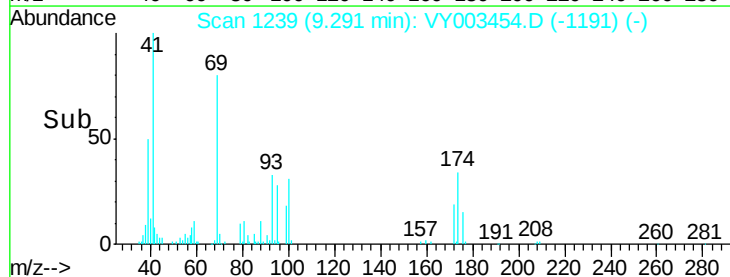
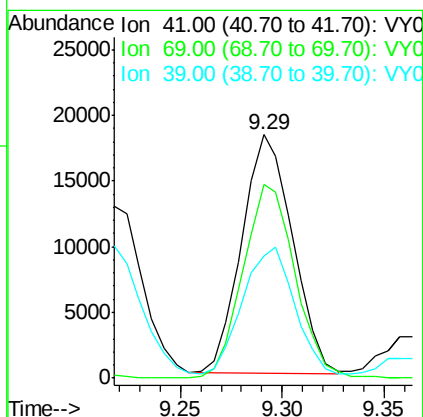
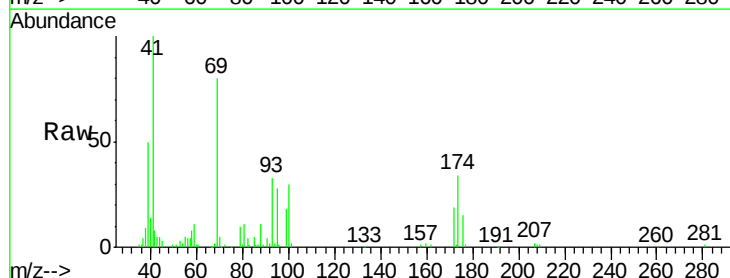
RT: 9.29 min Scan# 1239

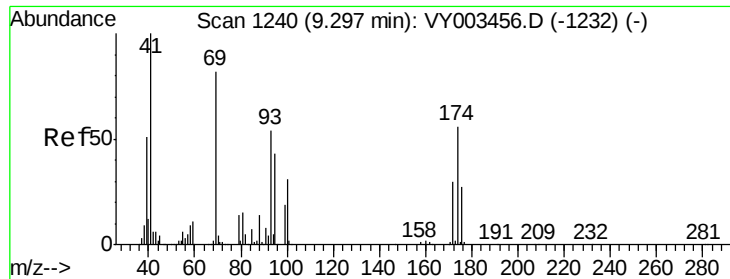
Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion:	41	Resp:	31495
Ion	Ratio	Lower	Upper
41	100		
69	83.3	66.3	99.5
39	58.0	45.2	67.8





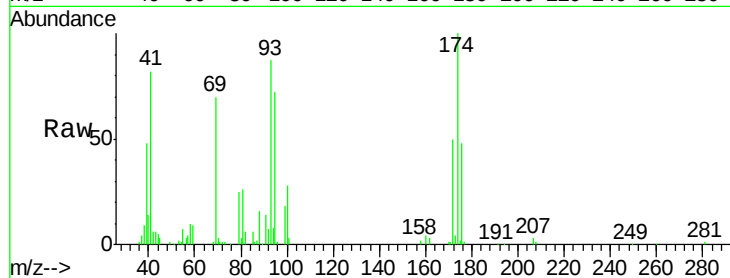
#49
1,4-Dioxane
Concen: 201.978 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.5	28.6	43.0
58	67.4	51.8	77.6

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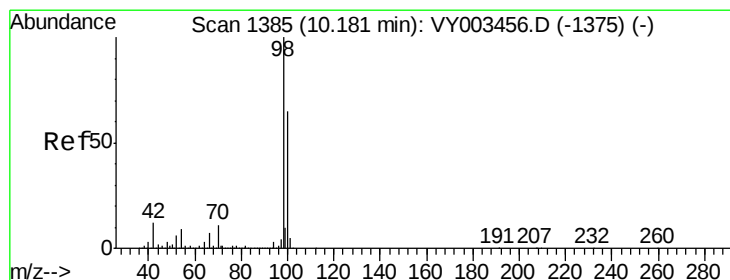
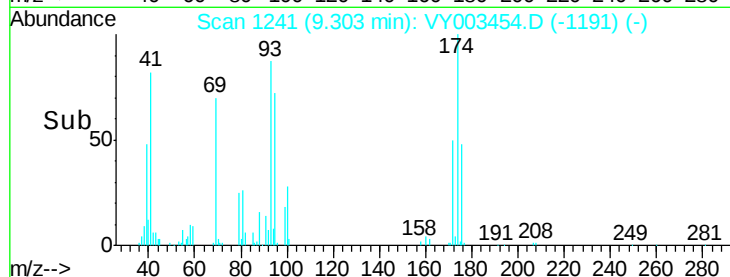
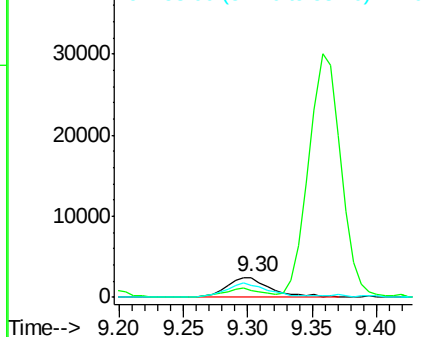


Abundance

Ion 88.00 (87.70 to 88.70): VY0

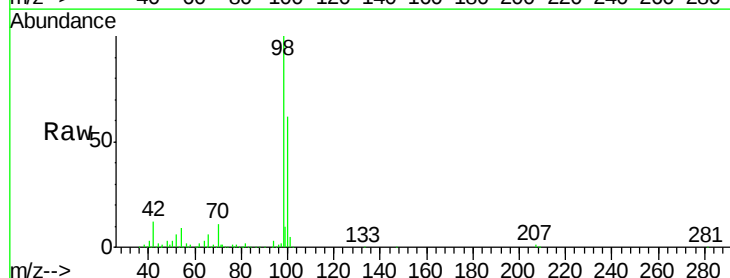
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 9.773 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

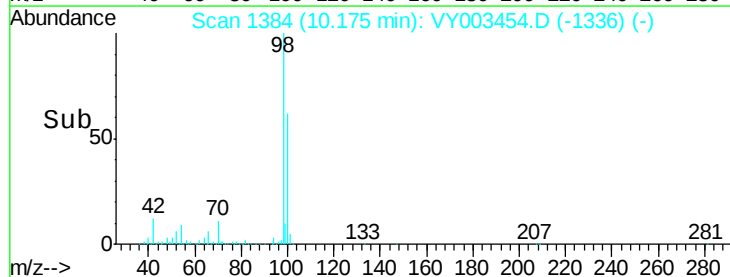
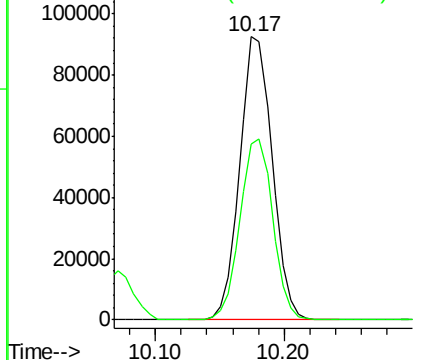
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8

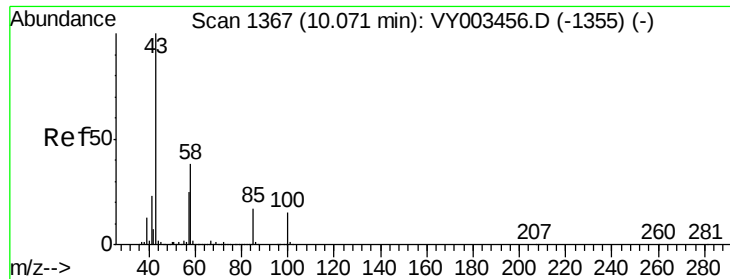


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





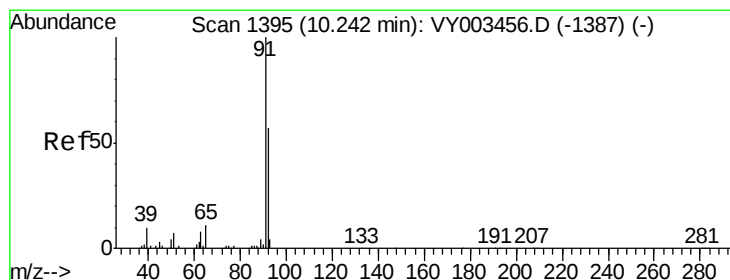
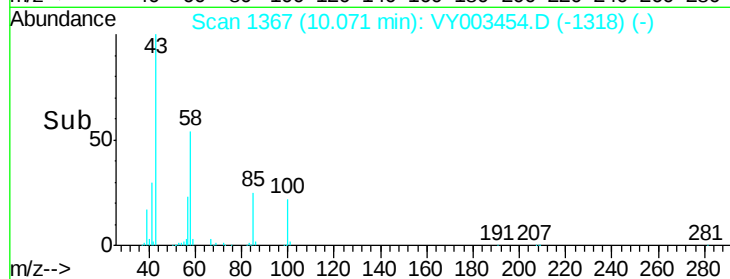
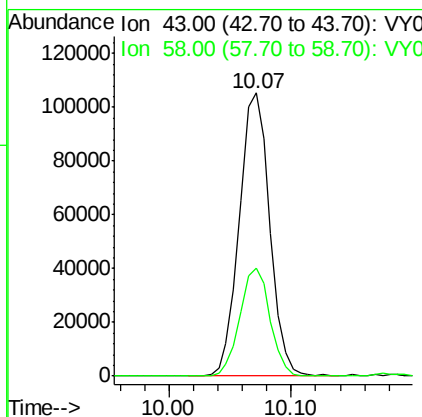
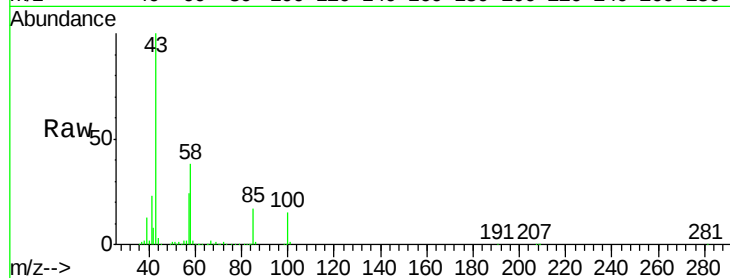
#51
4-Methyl-2-Pentanone
Concen: 50.749 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.4	45.6

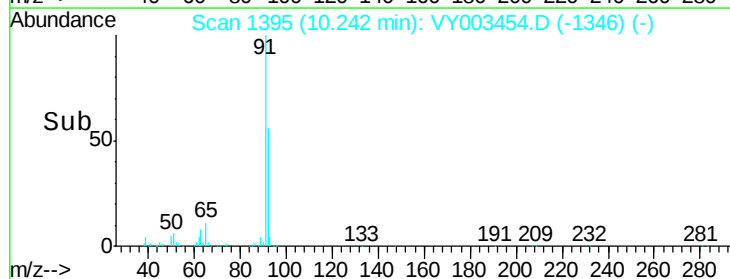
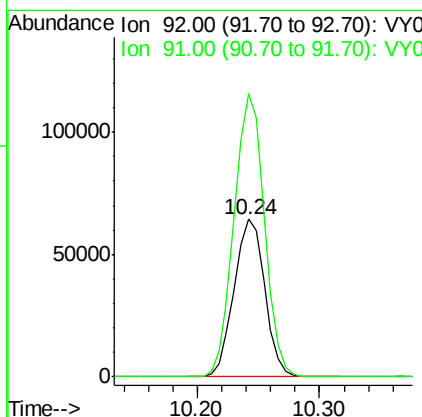
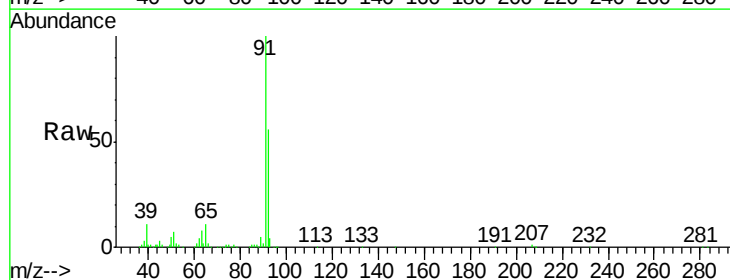
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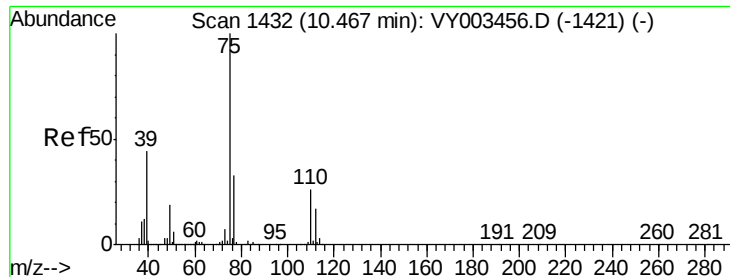
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#52
Toluene
Concen: 10.003 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.5	140.0	210.0





#53

t-1,3-Dichloropropene

Concen: 9.962 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 65272

Ion Ratio Lower Upper

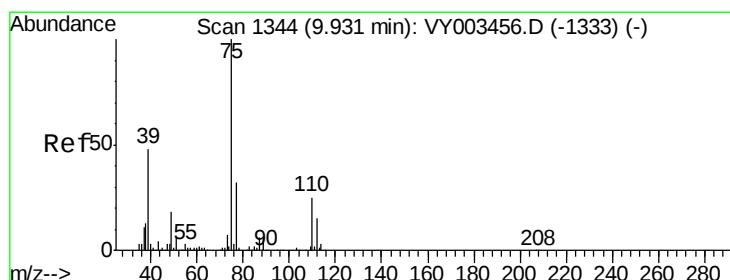
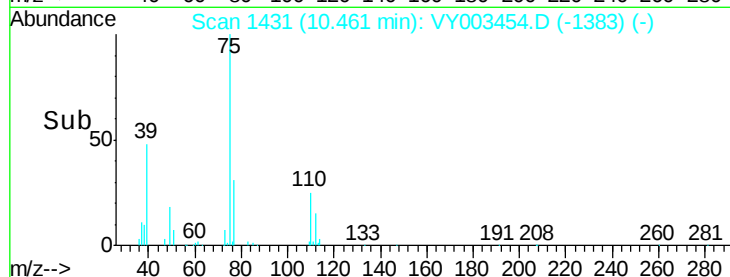
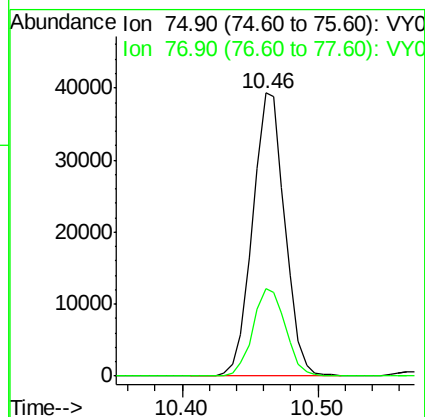
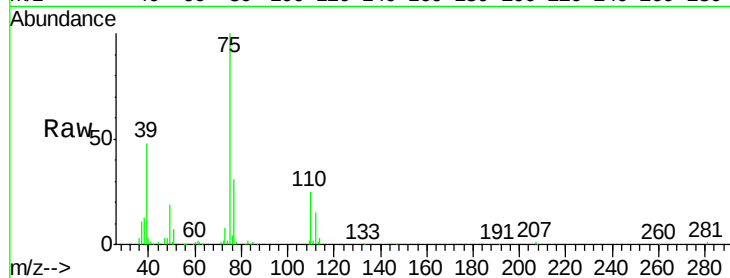
75 100

77 30.8 26.0 39.0

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#54

cis-1,3-Dichloropropene

Concen: 9.941 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

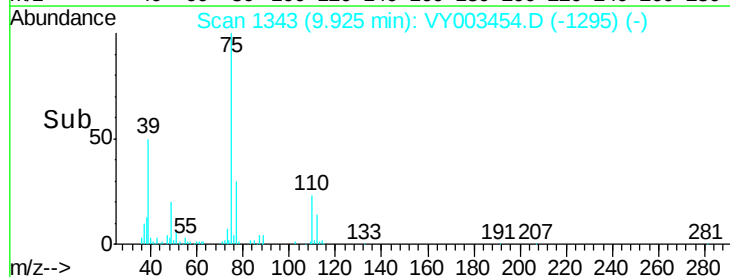
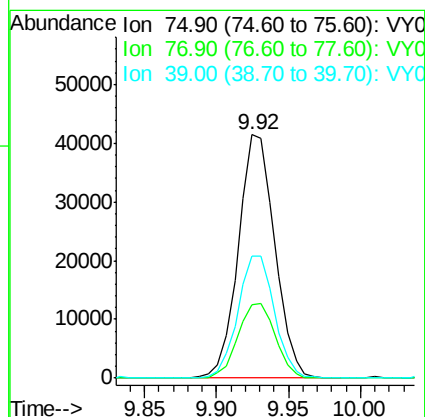
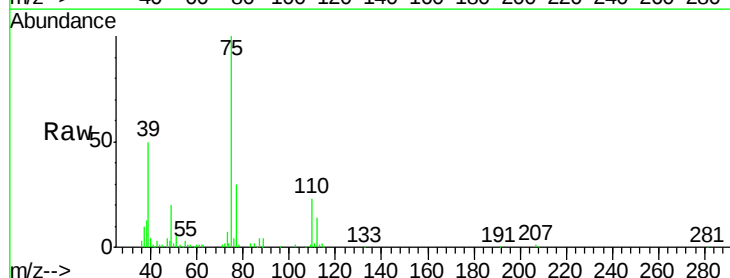
Tgt Ion: 75 Resp: 72649

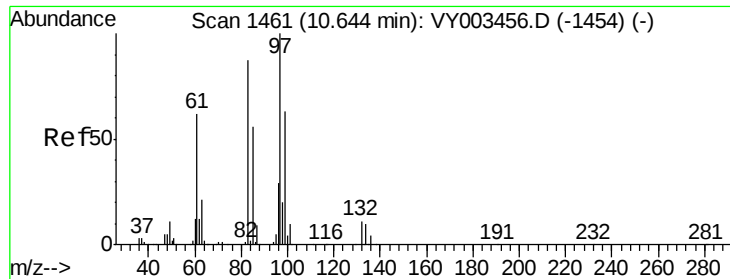
Ion Ratio Lower Upper

75 100

77 30.0 25.9 38.9

39 50.1 38.7 58.1





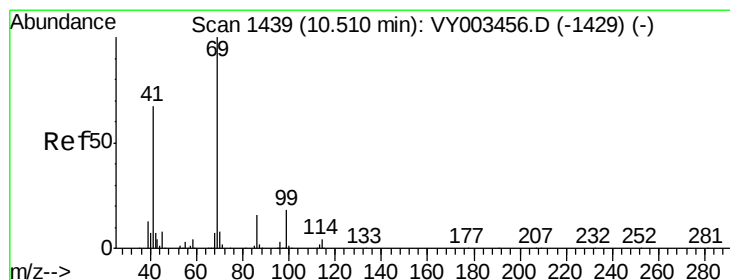
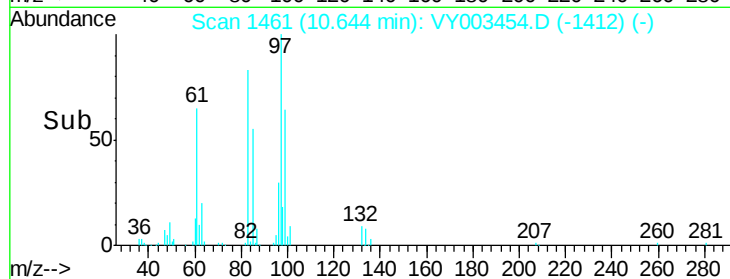
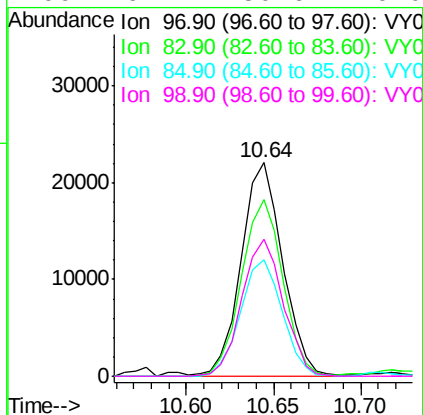
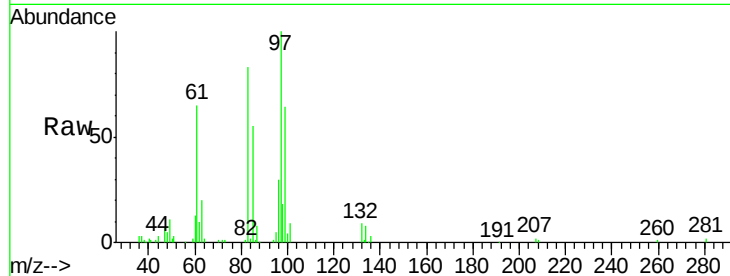
#55
 1,1,2-Trichloroethane
 Concen: 10.232 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	36394
Ion	Ratio	Lower	Upper
97	100		
83	82.9	69.9	104.9
85	55.1	44.5	66.7
99	64.2	50.6	76.0

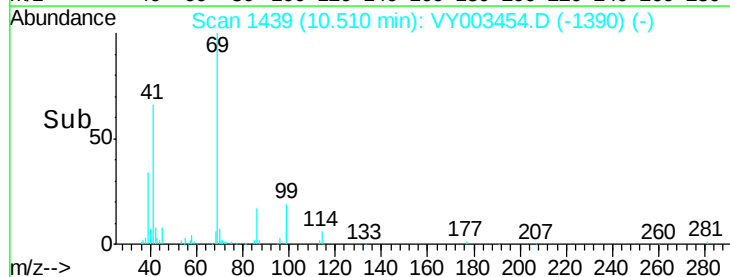
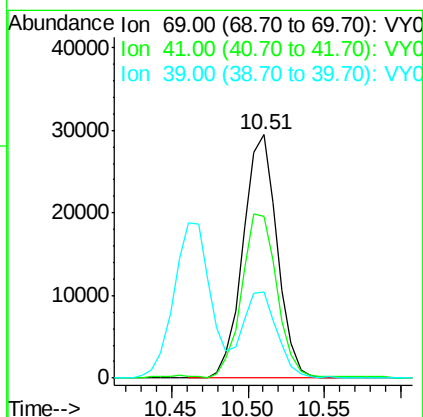
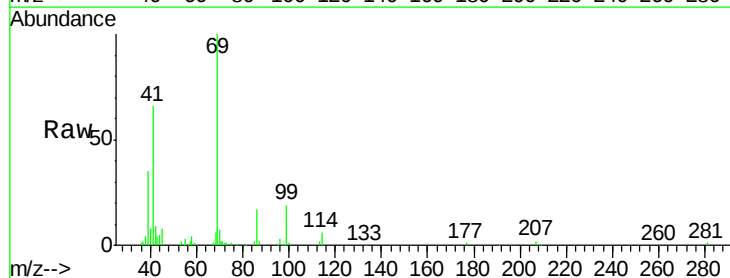
Manual Integrations
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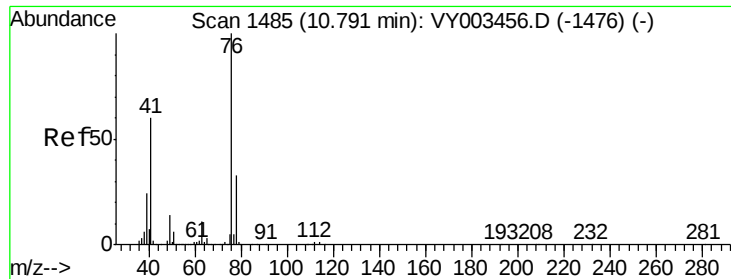
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#56
 Ethyl methacrylate
 Concen: 9.396 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion:	69	Resp:	45597
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.4	83.2
39	35.3	28.8	43.2





#57

1,3-Dichloropropane

Concen: 10.081 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 62343

Ion Ratio Lower Upper

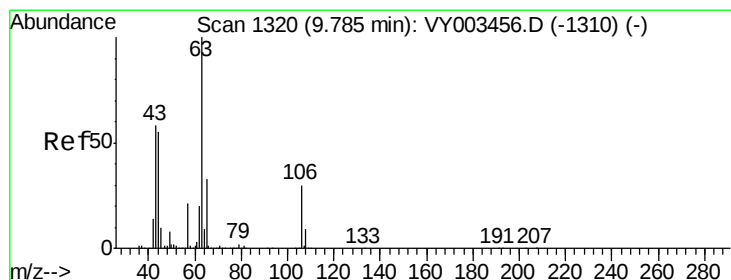
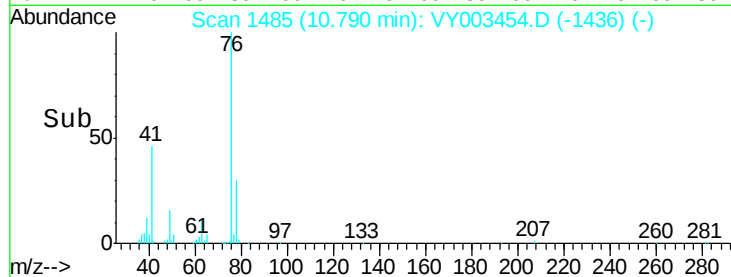
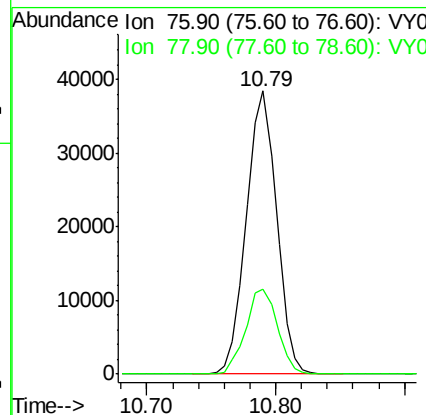
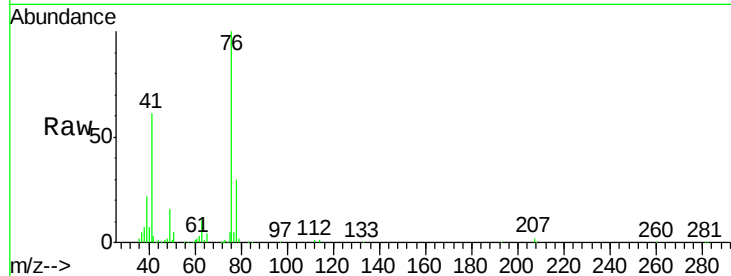
76 100

78 31.4 26.2 39.2

Manual Integrations
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10/6/2020 12:55:37 PM



#58

2-Chloroethyl Vinyl ether

Concen: 49.686 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003454.D

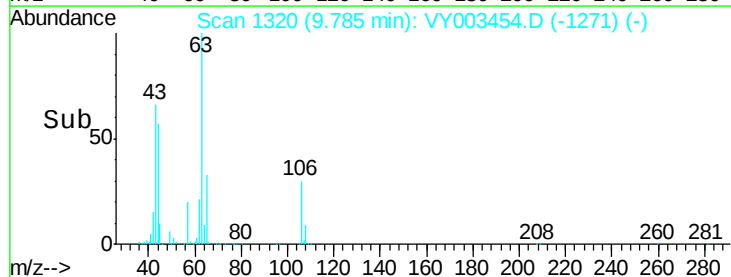
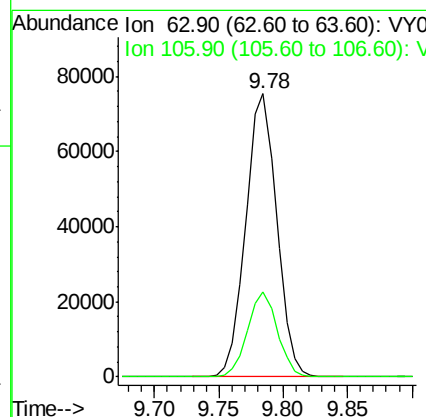
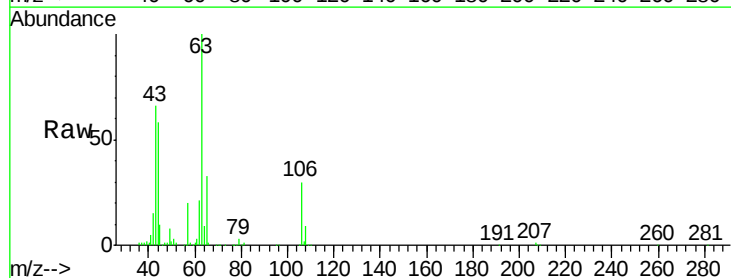
Acq: 05 Oct 2020 15:27

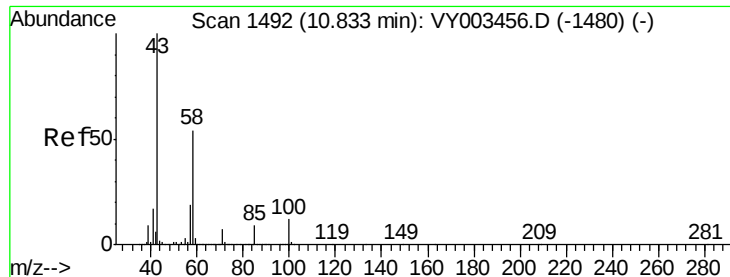
Tgt Ion: 63 Resp: 125188

Ion Ratio Lower Upper

63 100

106 28.8 22.8 34.2





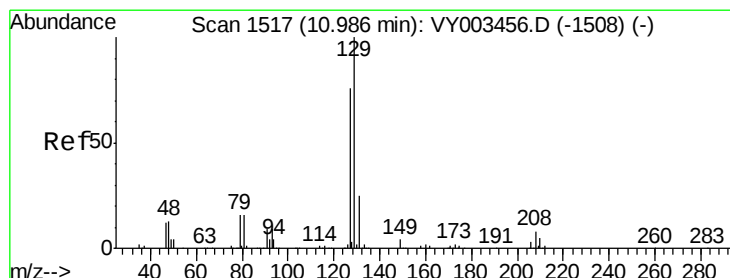
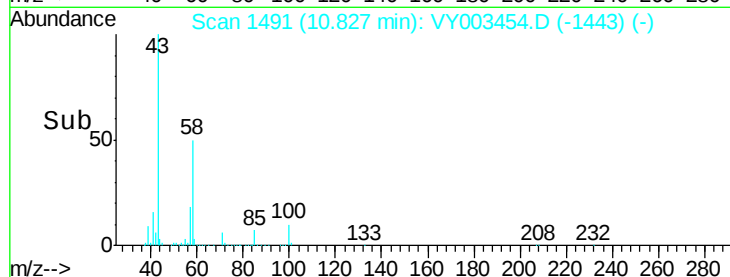
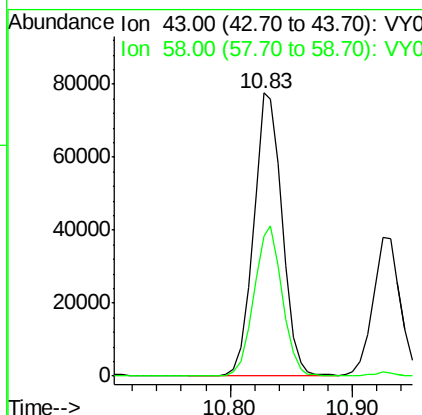
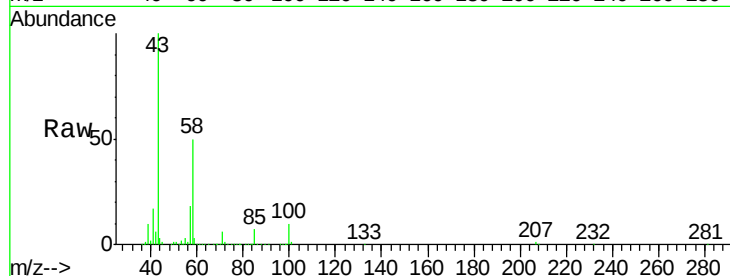
#59
2-Hexanone
Concen: 49.841 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	43	Resp	125995
Ion Ratio	43	100	
Lower	58	52.5	26.8
Upper			80.3

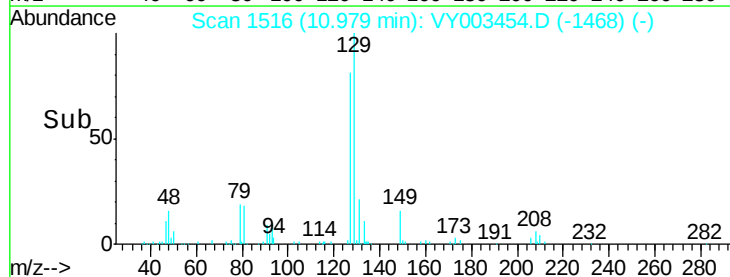
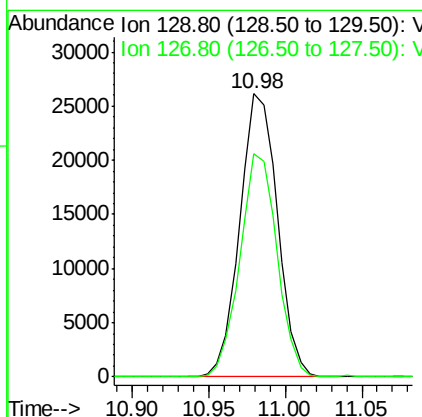
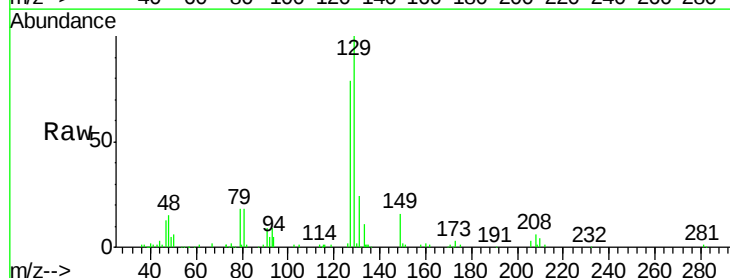
Manual Integrations
APPROVED

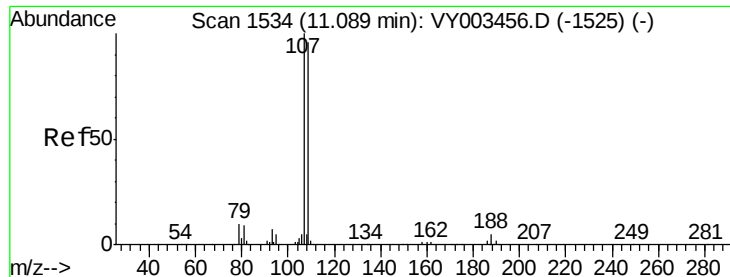
MMDadoda
10/6/2020 12:55:37 PM



#60
Dibromochloromethane
Concen: 9.877 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	129	Resp	44734
Ion Ratio	129	100	
Lower	127	77.6	38.6
Upper			116.0





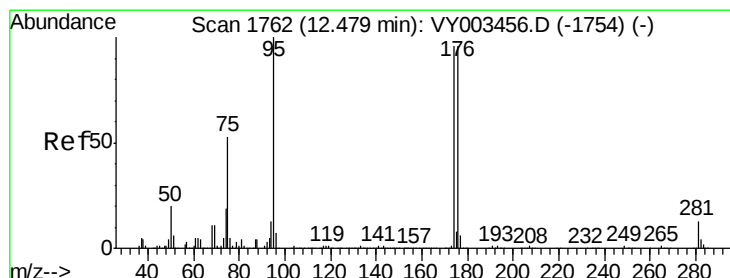
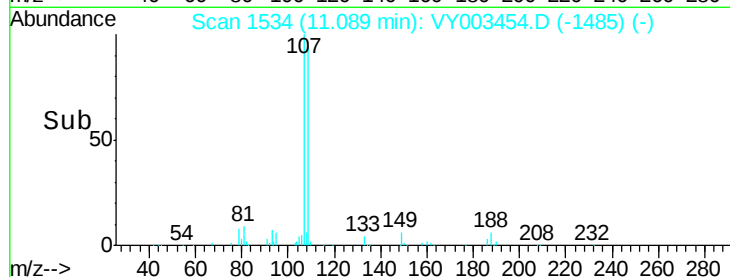
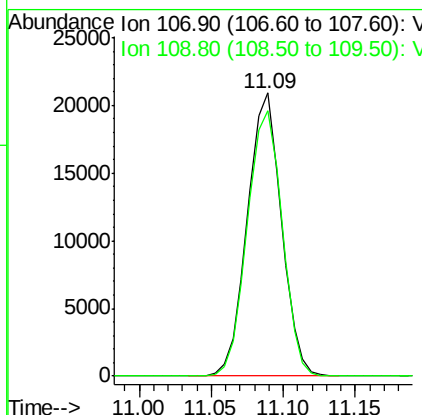
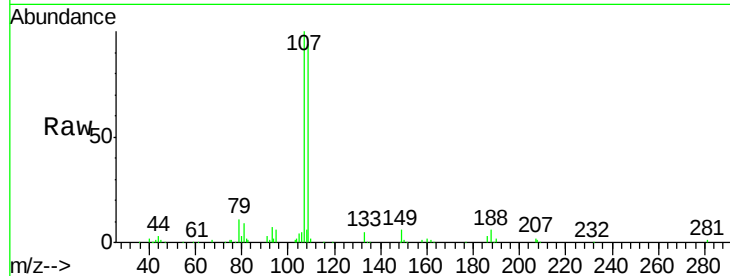
#61
 1,2-Dibromoethane
 Concen: 9.947 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.6	113.4

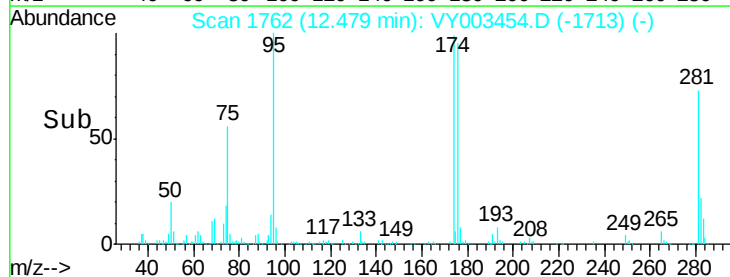
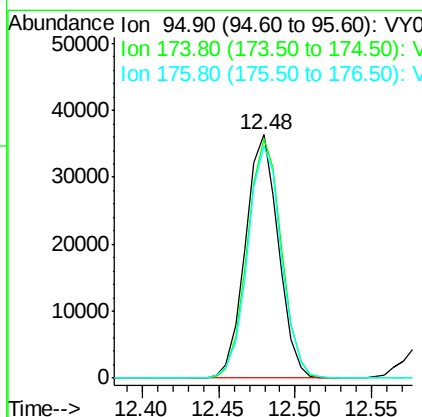
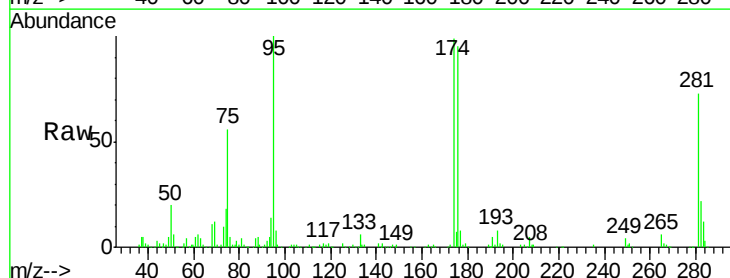
Manual Integrations
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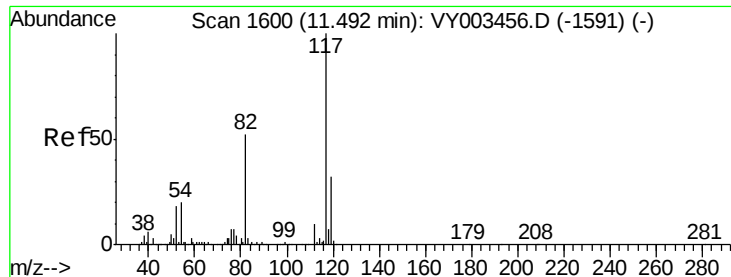
MMDadoda
 10/6/2020 12:55:37 PM



#62
 4-Bromofluorobenzene
 Concen: 9.457 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	101.6	0.0	197.0
176	97.5	0.0	193.6





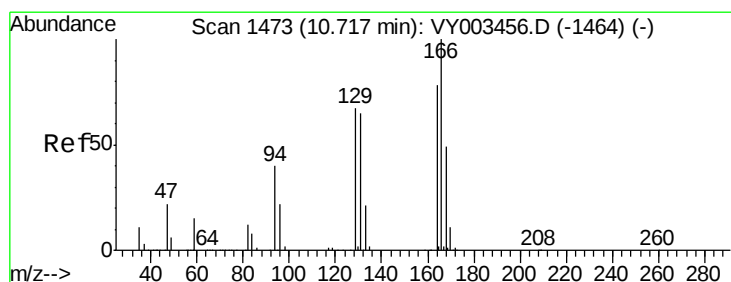
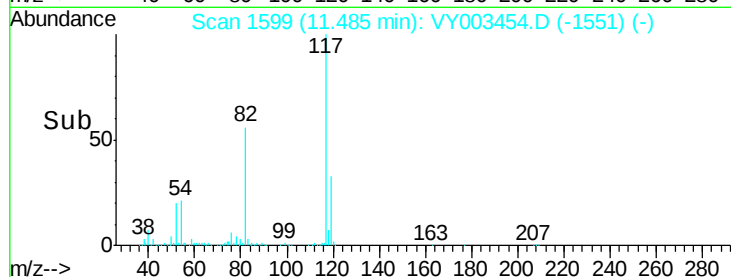
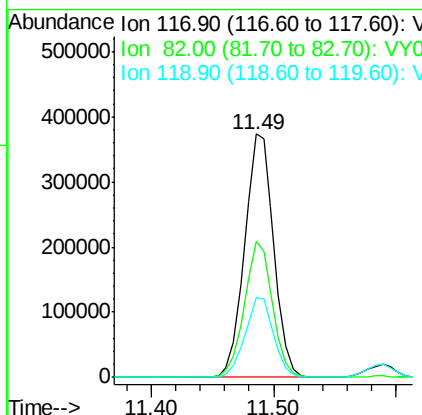
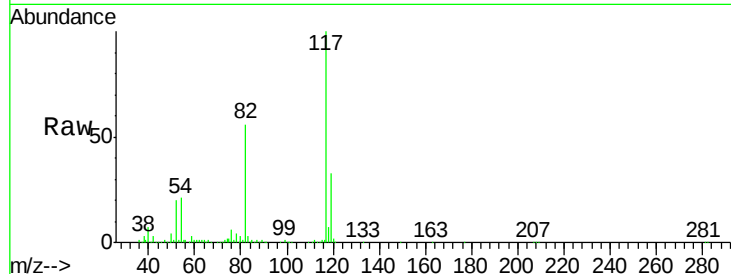
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.7	62.5
119	32.7	25.3	37.9

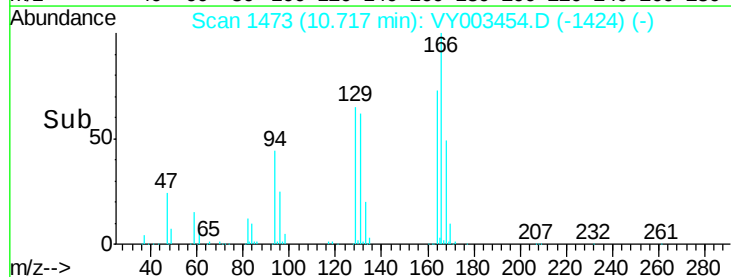
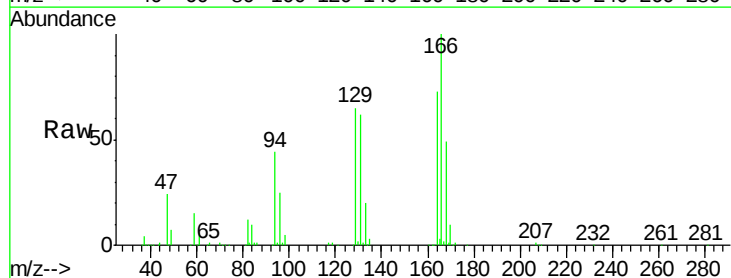
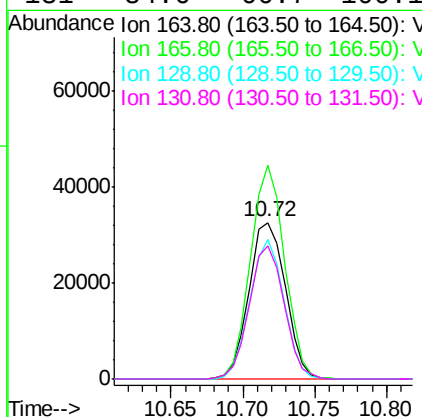
Manual Integrations
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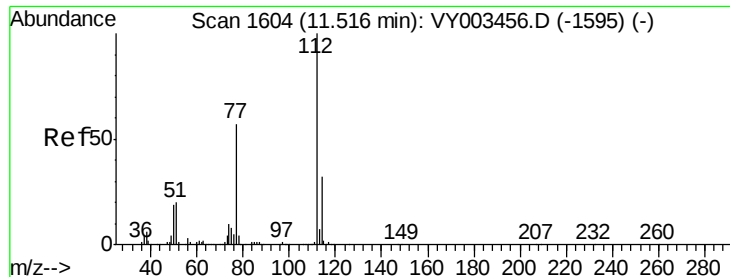
MMDadoda
10/6/2020 12:55:37 PM



#64
Tetrachloroethene
Concen: 10.373 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.3	103.0	154.6
129	88.9	68.9	103.3
131	84.6	66.7	100.1





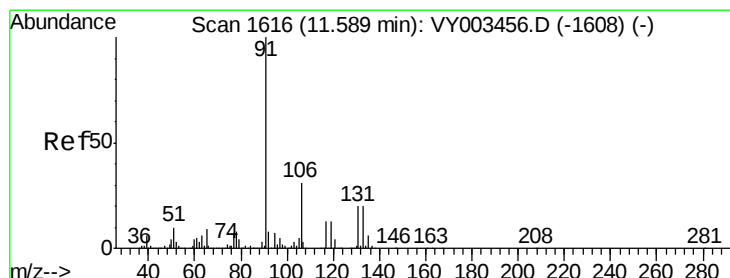
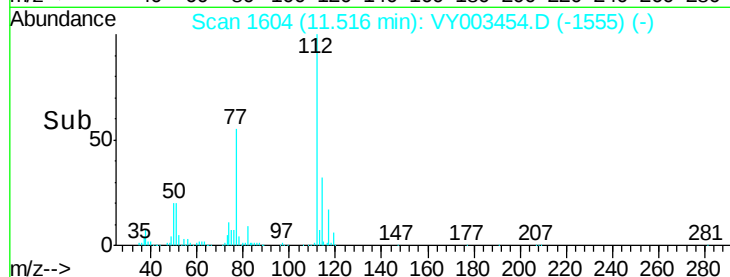
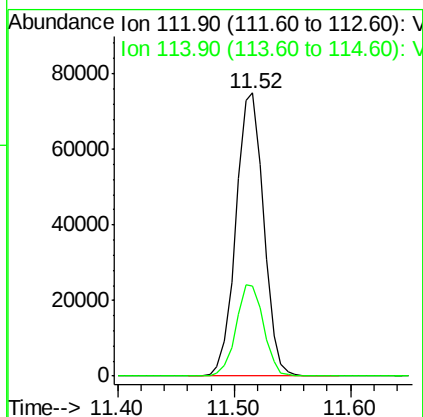
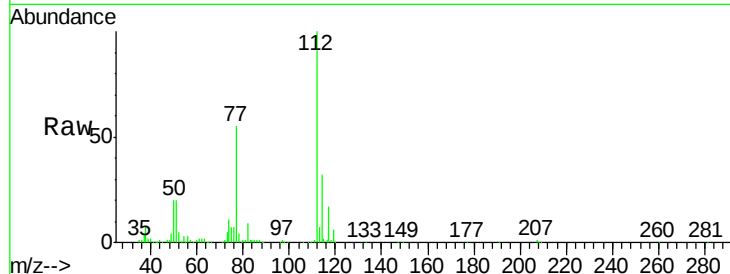
#65
Chlorobenzene
Concen: 10.155 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 124293
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

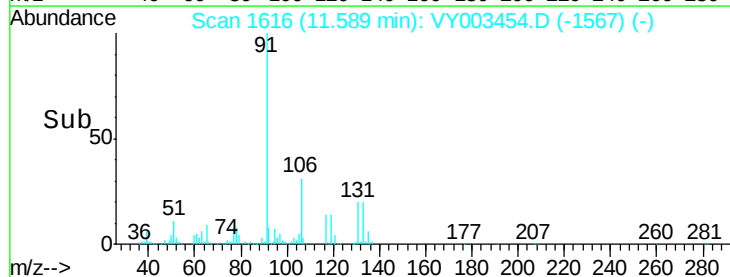
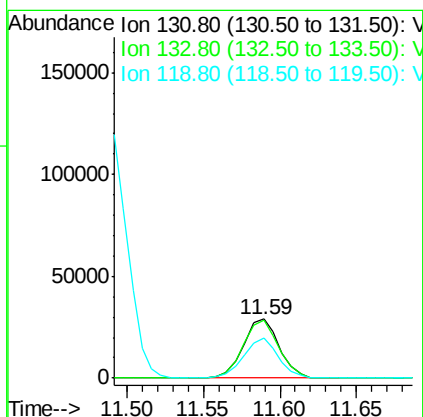
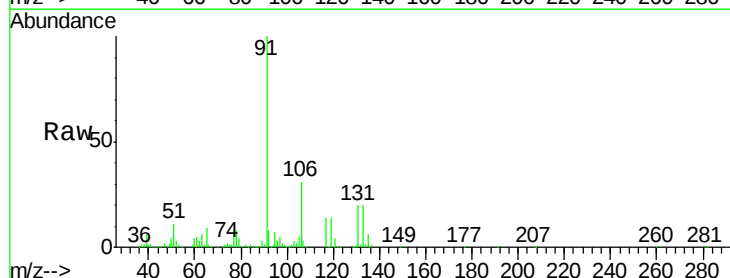
Manual Integrations
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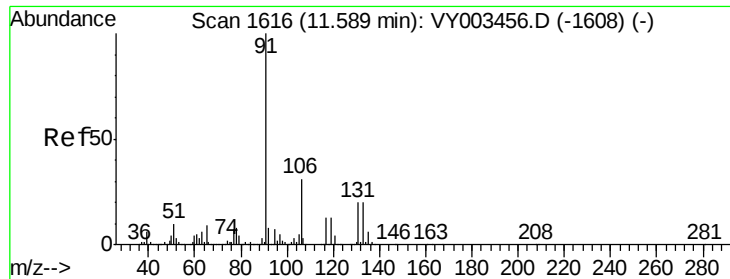
MMDadoda
10/6/2020 12:55:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 10.087 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:131 Resp: 47070
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.8
119 66.2 31.5 94.5





#67

Ethyl Benzene

Concen: 9.893 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 217782

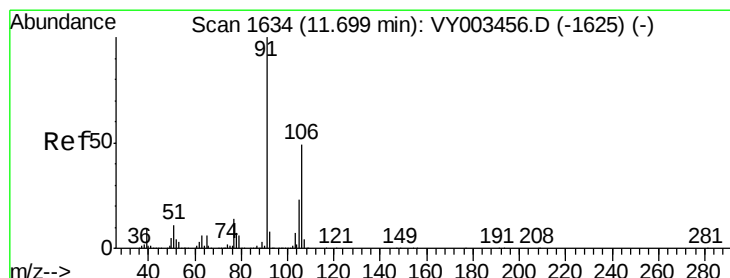
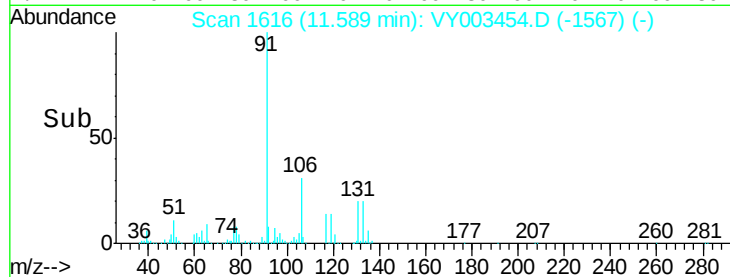
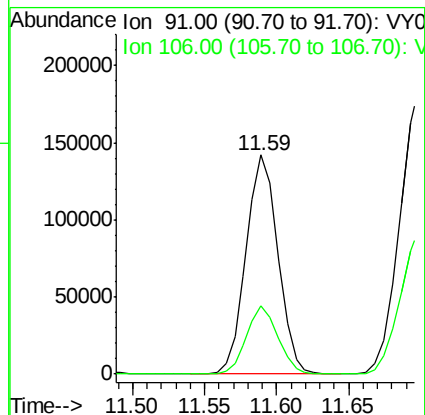
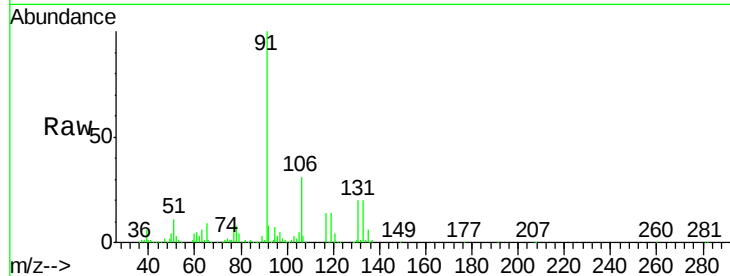
Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8

Manual Integrations
APPROVED

MMDadoda
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#68

m/p-Xylenes

Concen: 19.886 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003454.D

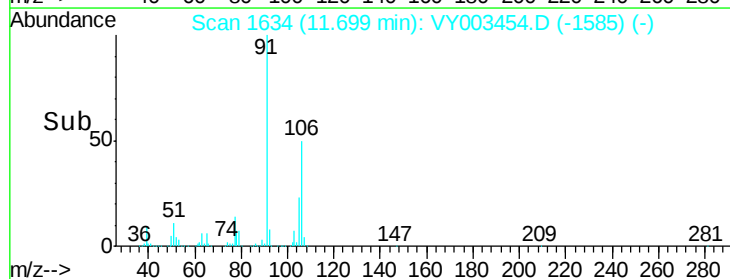
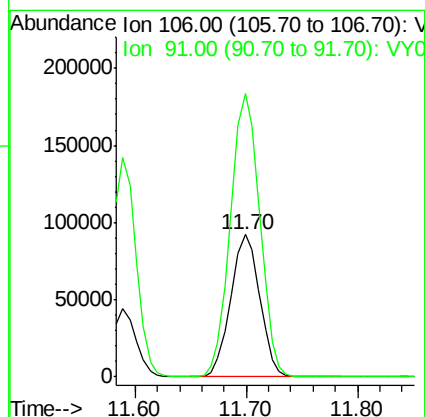
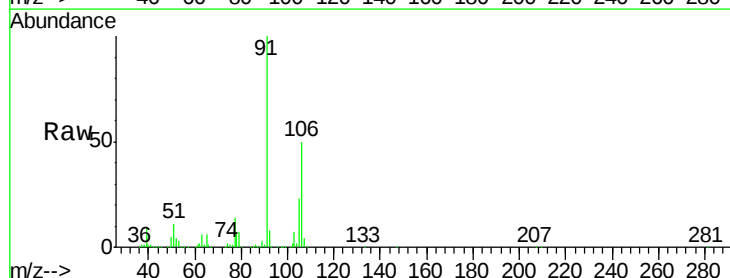
Acq: 05 Oct 2020 15:27

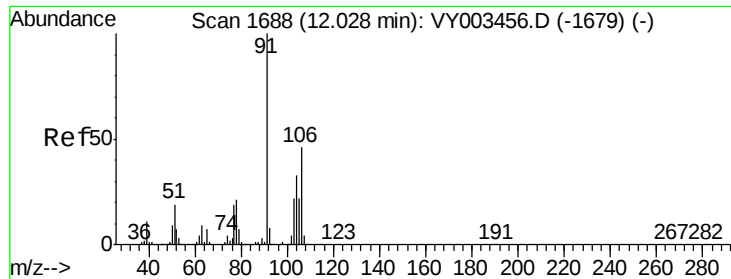
Tgt Ion: 106 Resp: 166854

Ion Ratio Lower Upper

106 100

91 200.7 160.9 241.3





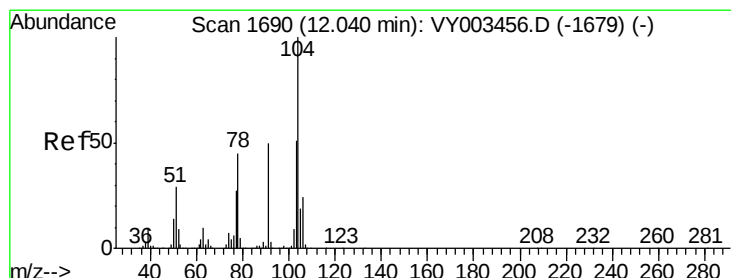
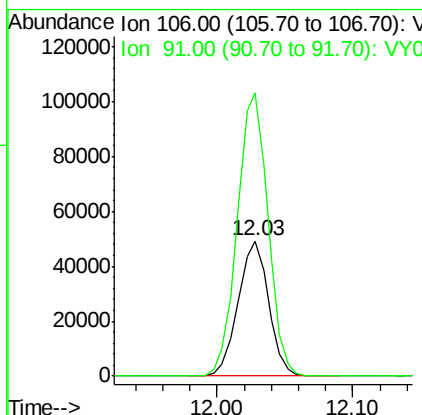
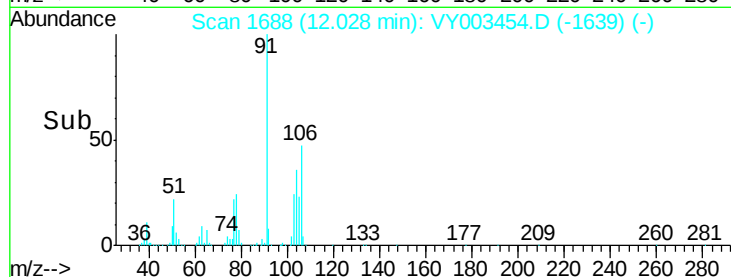
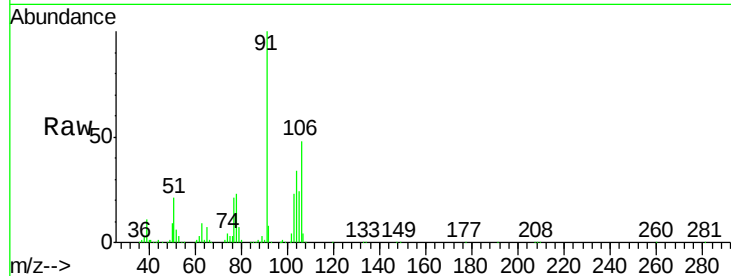
#69
o-Xylene
Concen: 9.735 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 76969
Ion Ratio Lower Upper
106 100
91 210.5 106.8 320.4

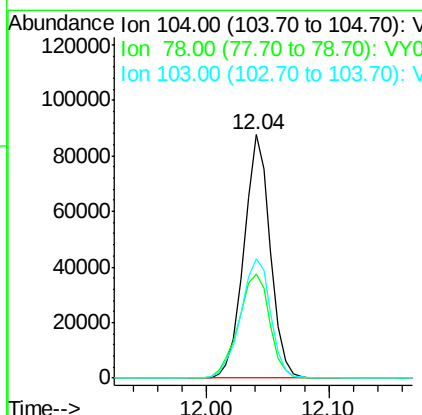
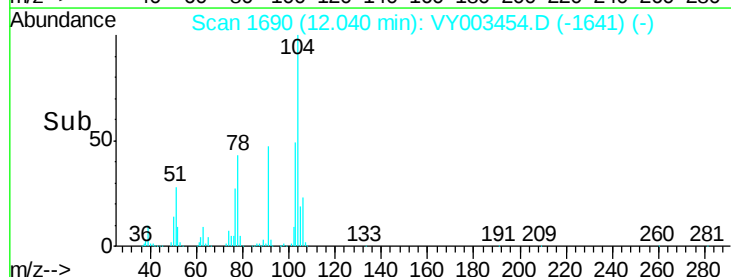
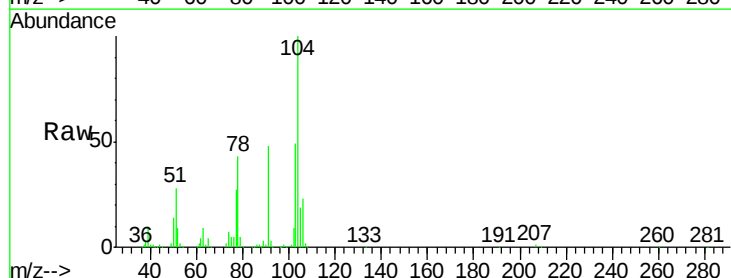
Manual Integrations
APPROVED

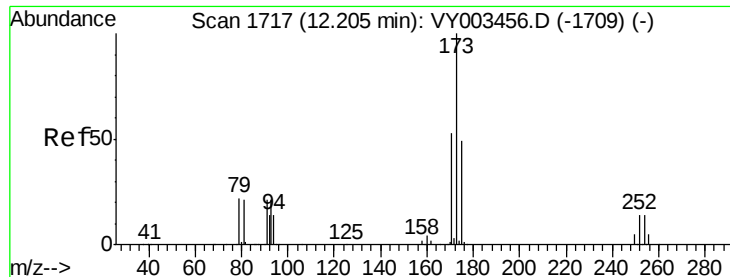
MMDadoda
10/6/2020 12:55:37 PM



#70
Styrene
Concen: 9.704 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:104 Resp: 130845
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.6
103 56.0 44.2 66.4





#71

Bromoform

Concen: 9.893 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion:173 Resp: 30883

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.7

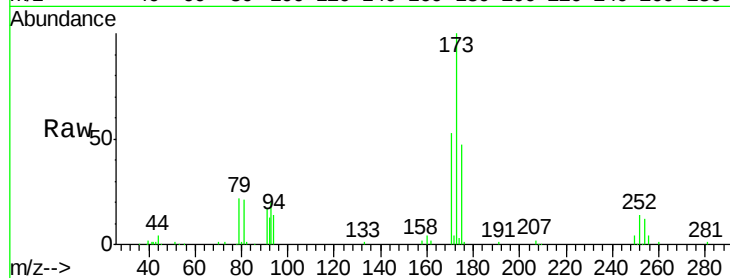
254 0.0 0.2 0.4#

Manual Integrations

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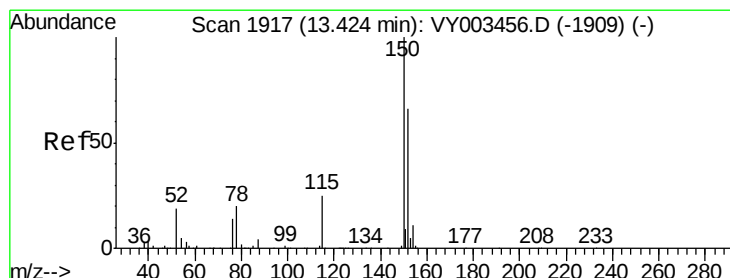
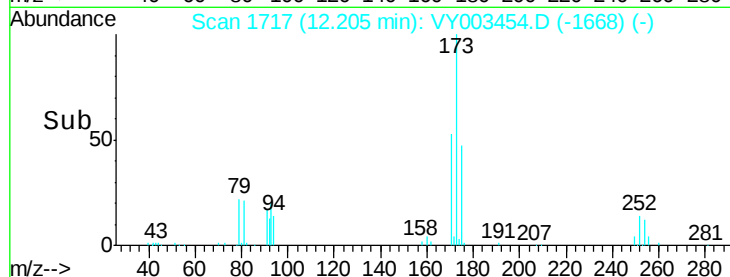
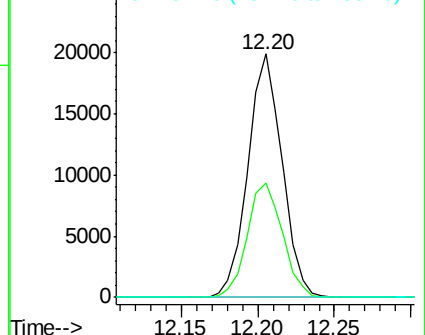
10/6/2020 12:55:37 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

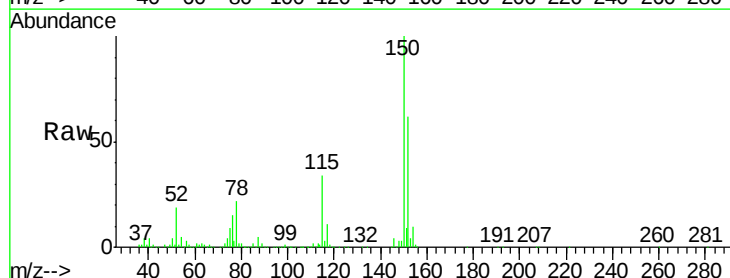
Tgt Ion:152 Resp: 344824

Ion Ratio Lower Upper

152 100

115 54.5 27.0 80.8

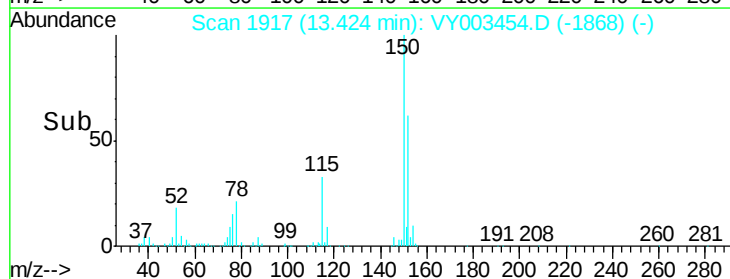
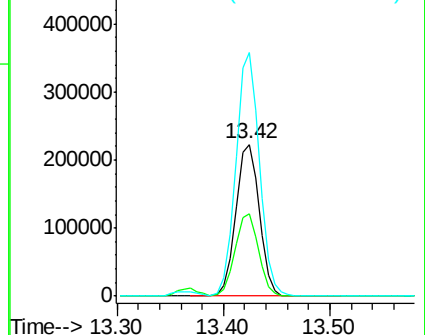
150 161.1 0.0 343.6

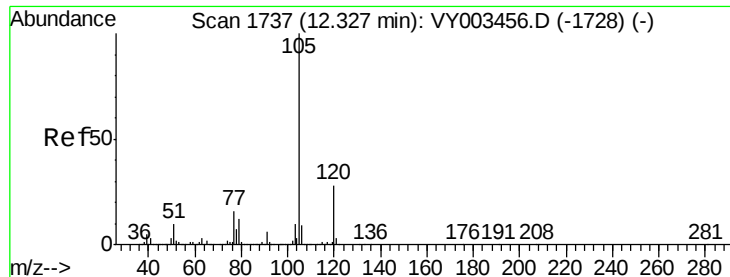


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.753 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 105 Resp: 211415

Ion Ratio Lower Upper

105 100

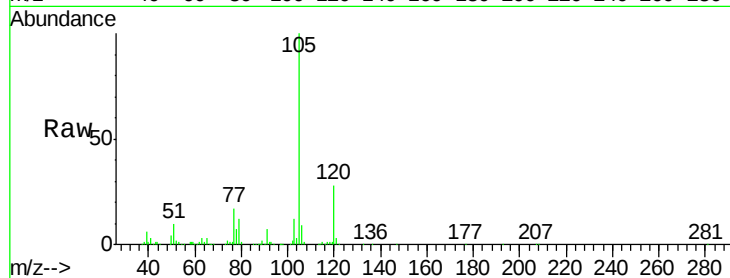
120 27.2 13.7 41.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

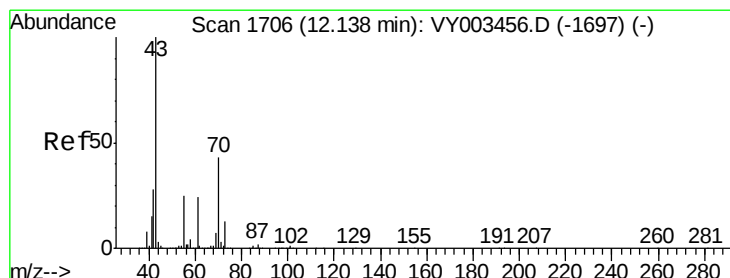
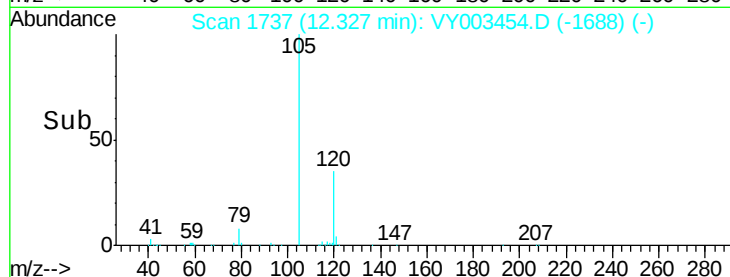
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 9.917 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion: 43 Resp: 61736

Ion Ratio Lower Upper

43 100

70 41.4 34.0 51.0

55 24.5 19.5 29.3

61 23.4 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

60000

50000

40000

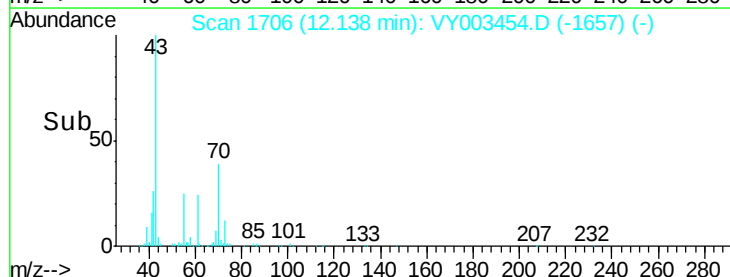
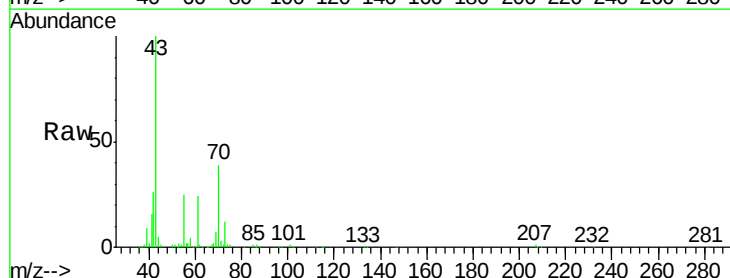
30000

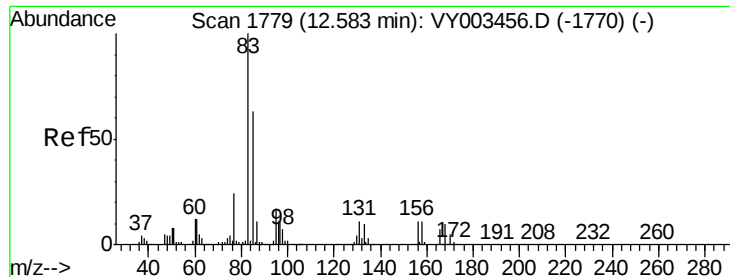
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 9.977 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

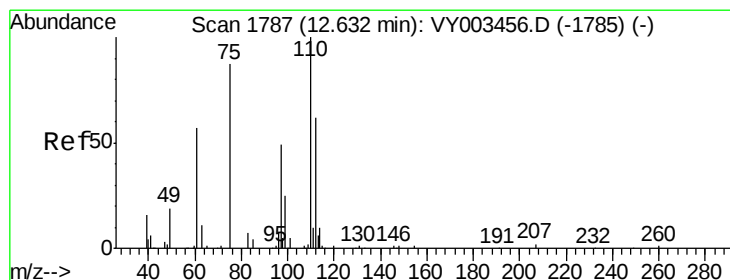
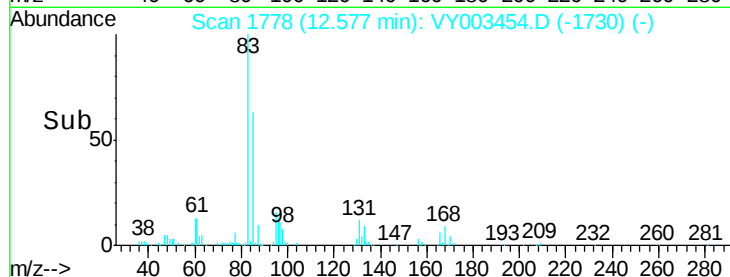
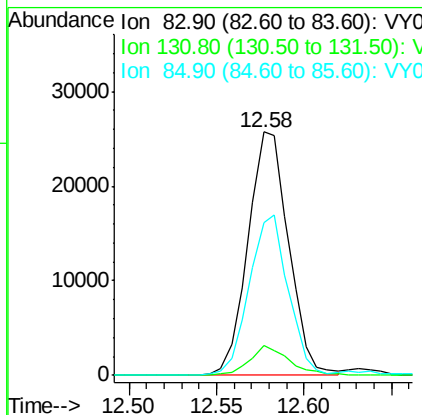
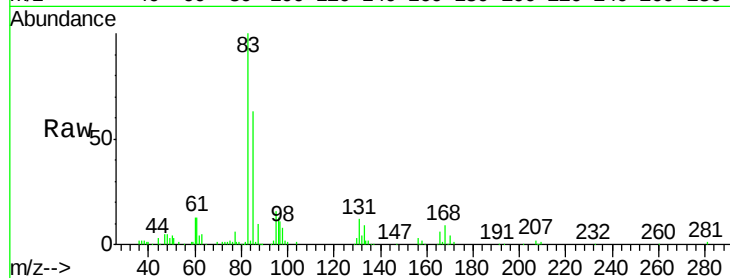
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	41570
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.6	16.8
85	63.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 10.163 ug/l m

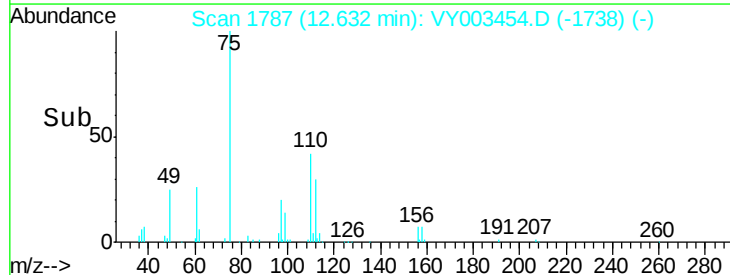
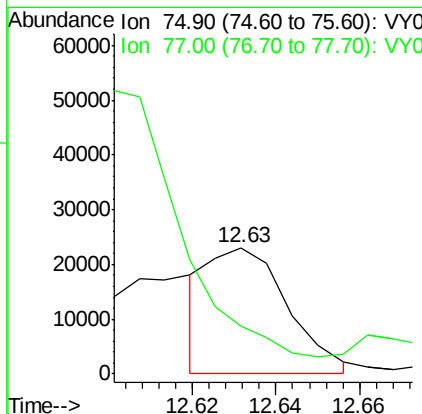
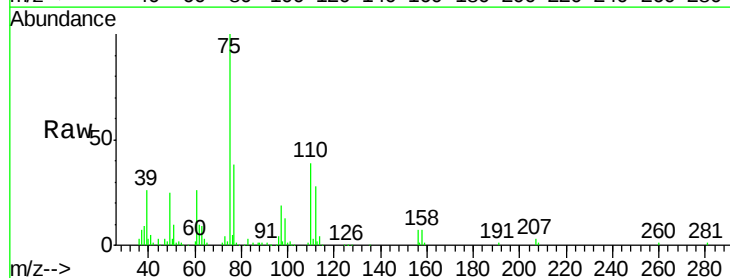
RT: 12.63 min Scan# 1787

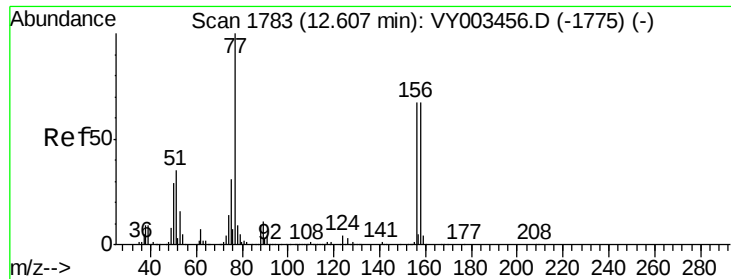
Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion:	75	Resp:	30222
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.141 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

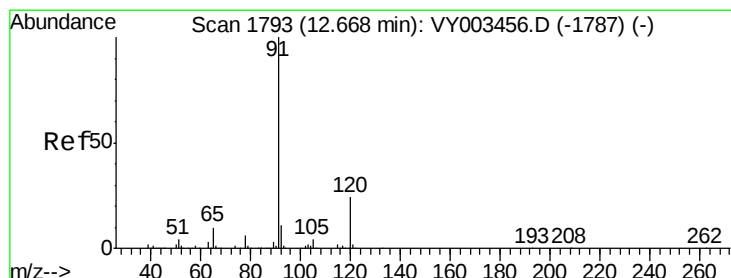
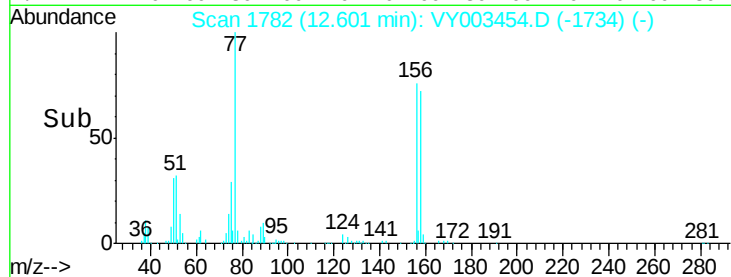
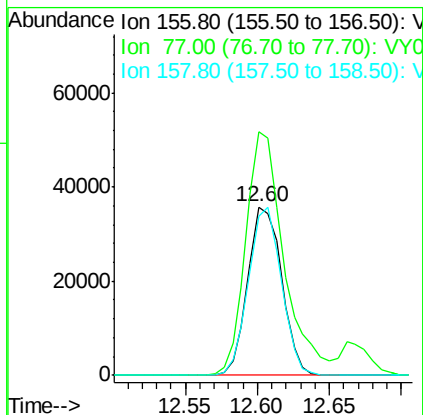
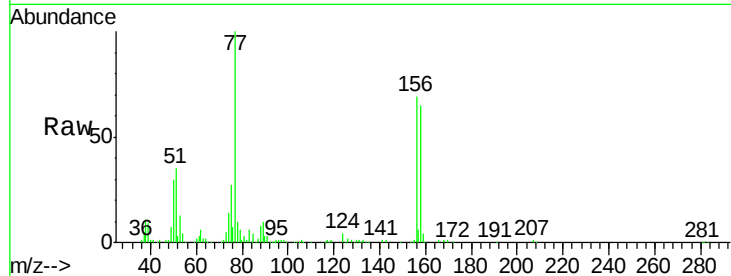
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.1	84.5	253.4
158	97.1	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 9.844 ug/l

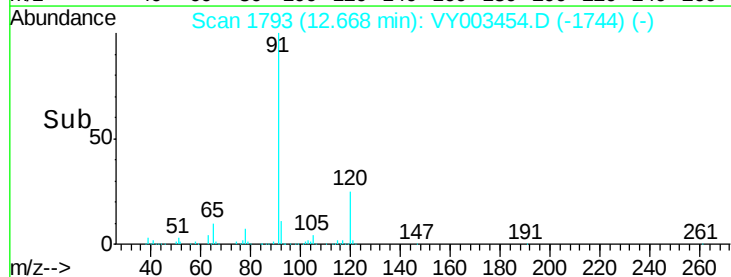
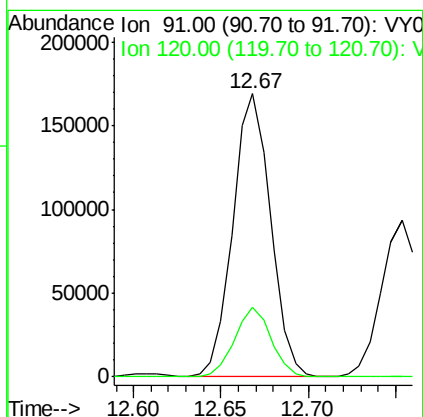
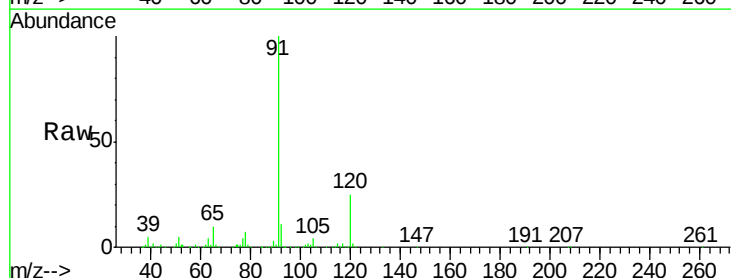
RT: 12.67 min Scan# 1793

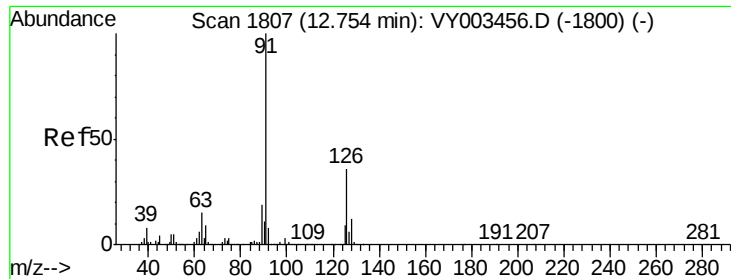
Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





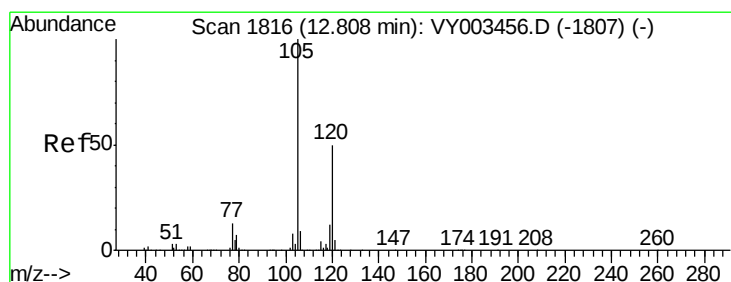
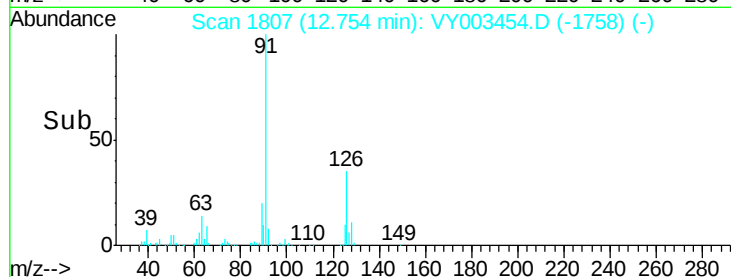
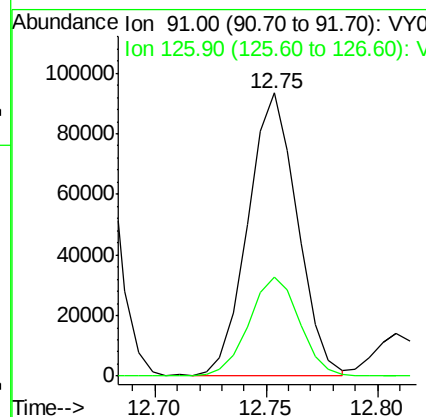
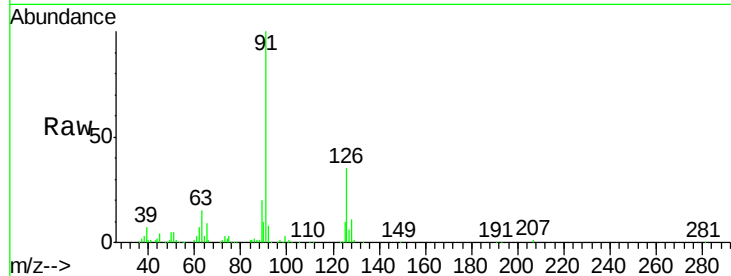
#79
2-Chlorotoluene
Concen: 9.973 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 144017
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.3

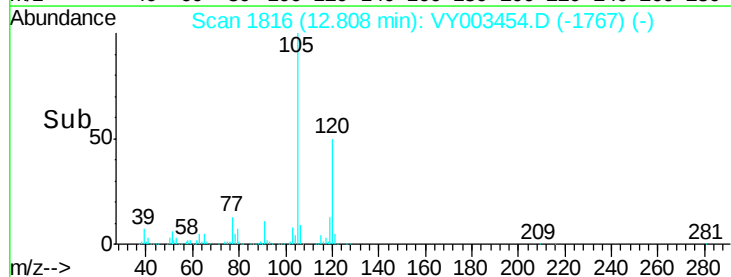
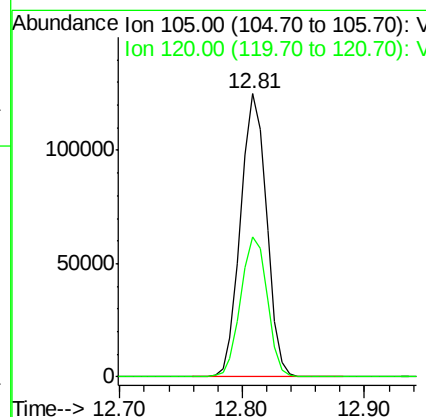
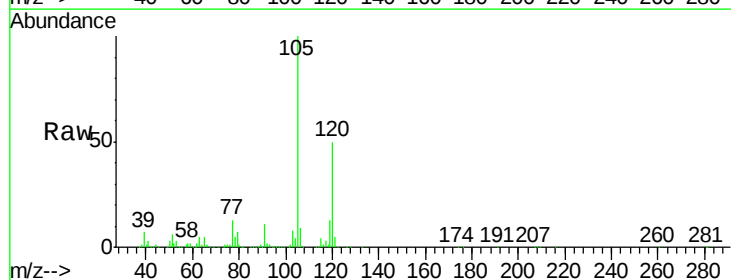
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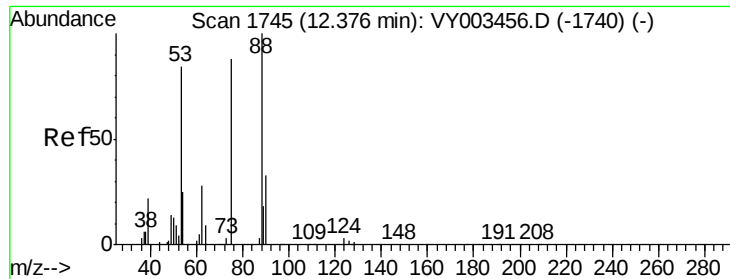
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 9.919 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 105 Resp: 183941
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 9.551 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 15068

Ion Ratio Lower Upper

75 100

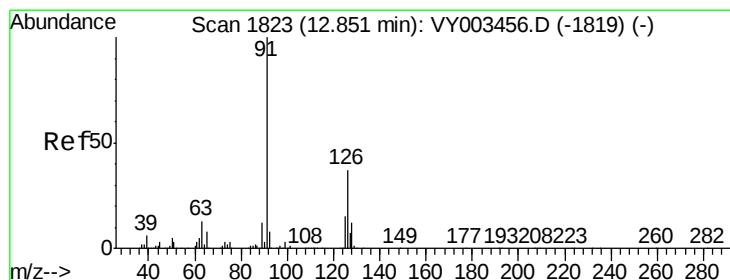
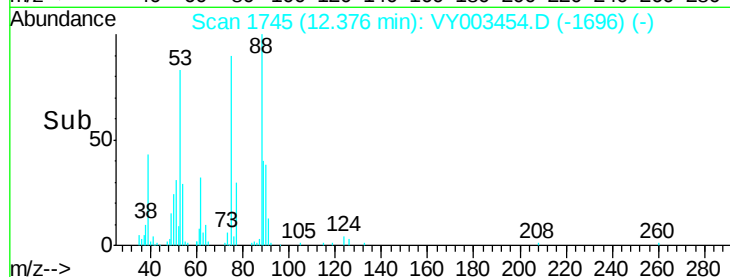
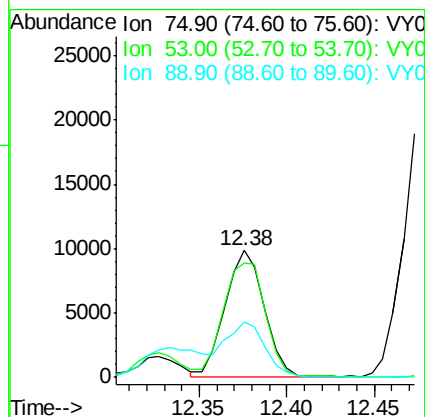
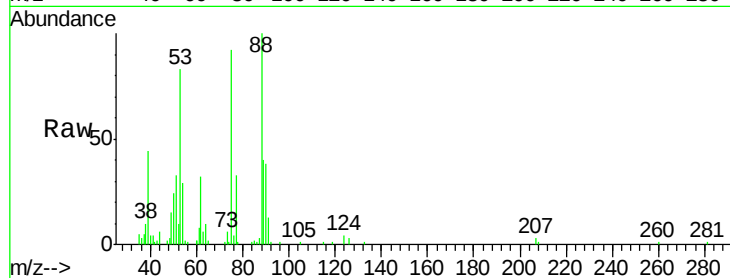
53 100.5 74.2 111.2

89 44.1 36.2 54.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 10.008 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003454.D

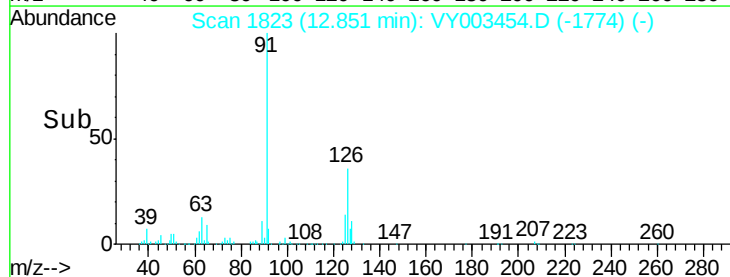
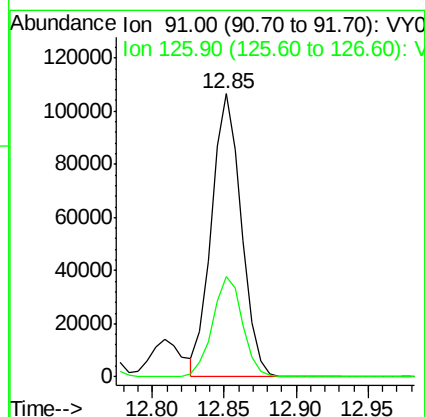
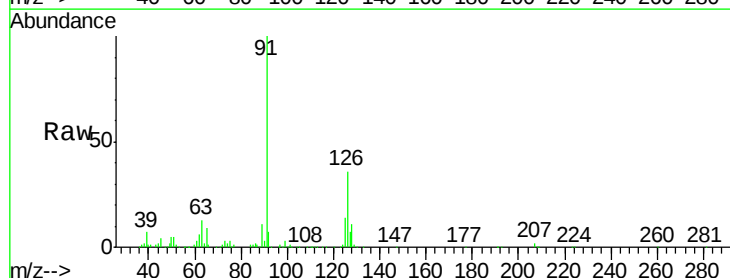
Acq: 05 Oct 2020 15:27

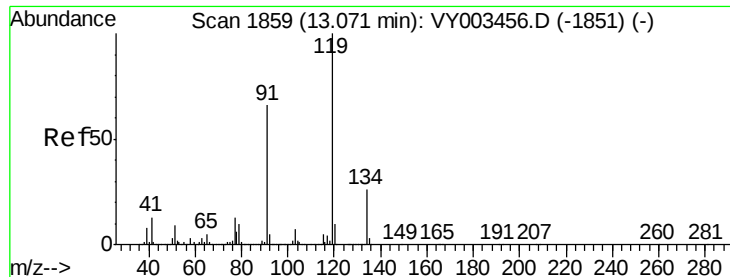
Tgt Ion: 91 Resp: 153147

Ion Ratio Lower Upper

91 100

126 35.7 18.1 54.4





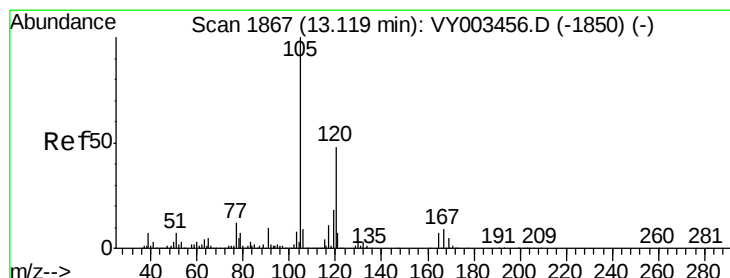
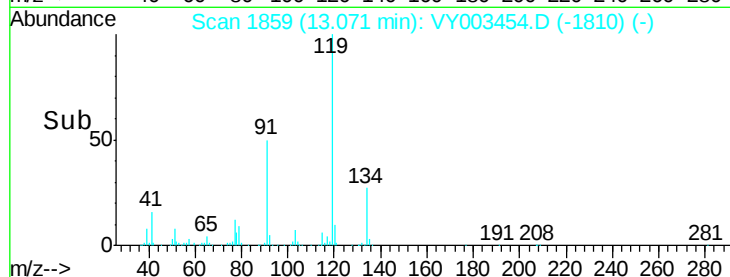
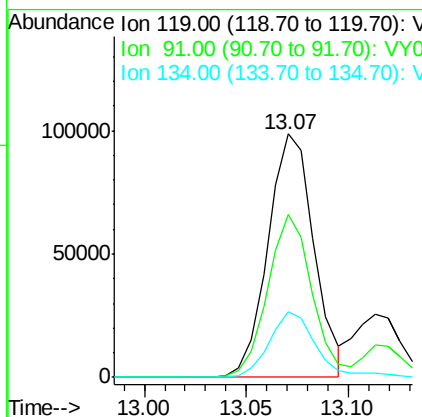
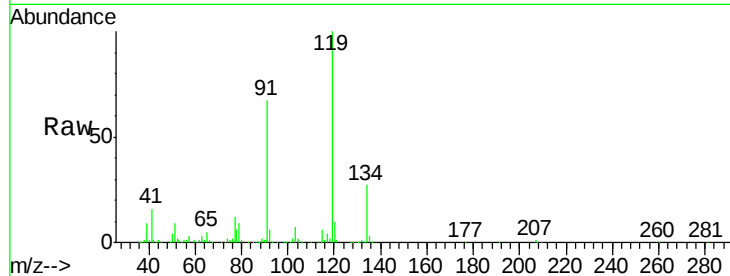
#83
tert-Butylbenzene
Concen: 9.600 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.5	97.4
134	27.7	13.6	40.8

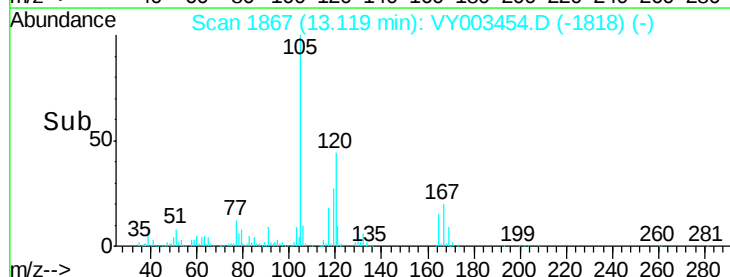
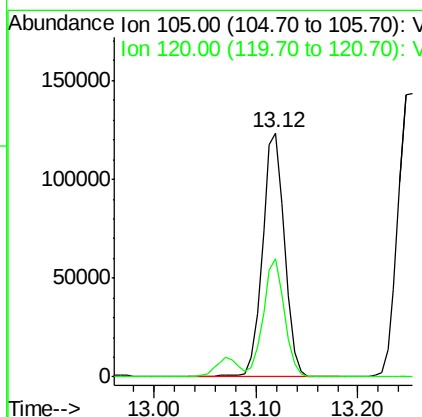
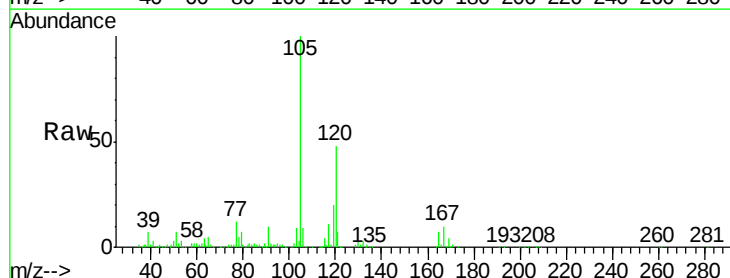
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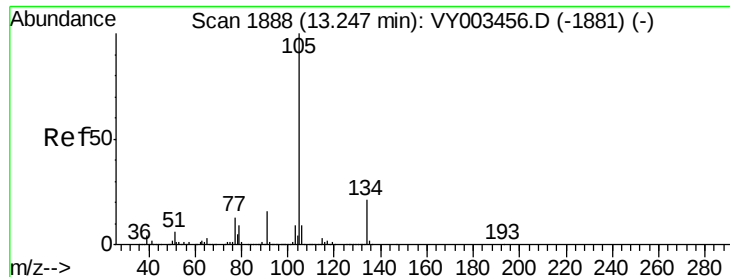
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#84
1,2,4-Trimethylbenzene
Concen: 9.934 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.5	70.5





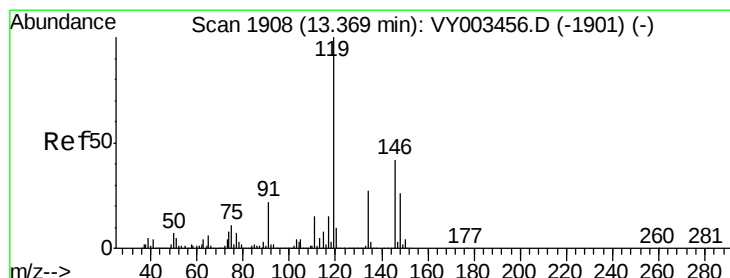
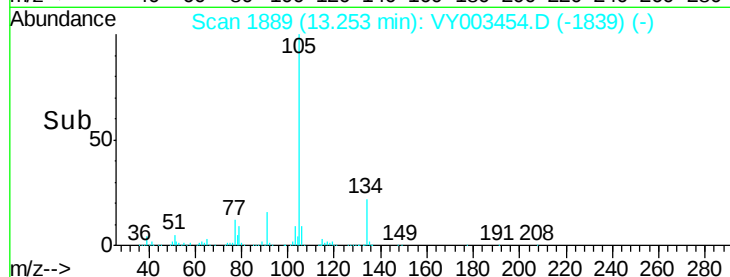
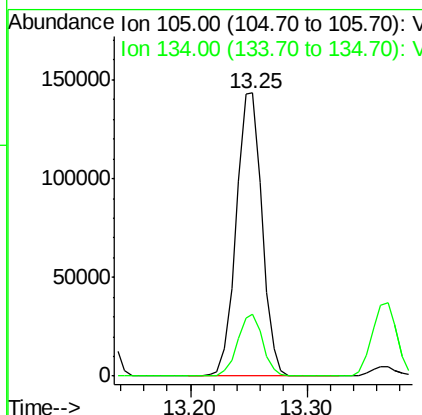
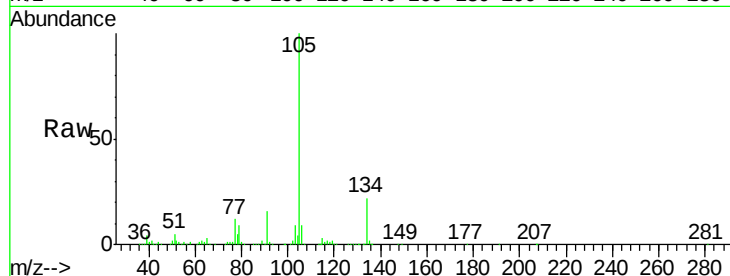
#85
 sec-Butylbenzene
 Concen: 9.934 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.6	31.8

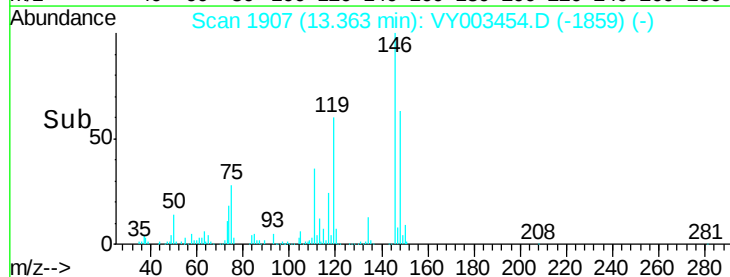
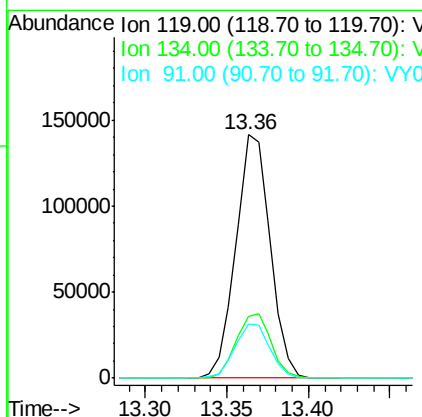
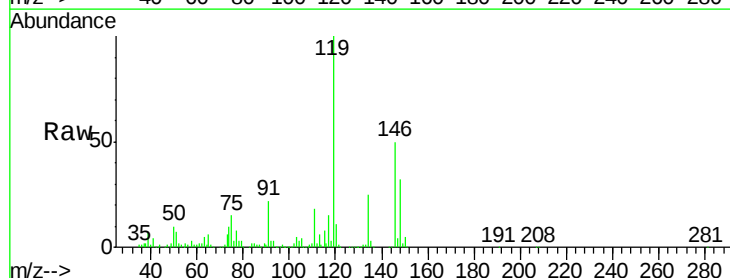
Manual Integrations
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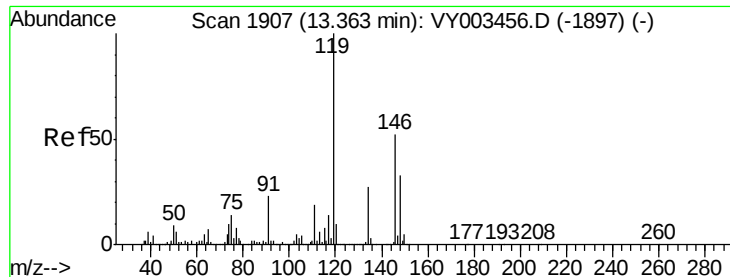
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#86
 p-Isopropyltoluene
 Concen: 9.733 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.1
91	23.0	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 10.018 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

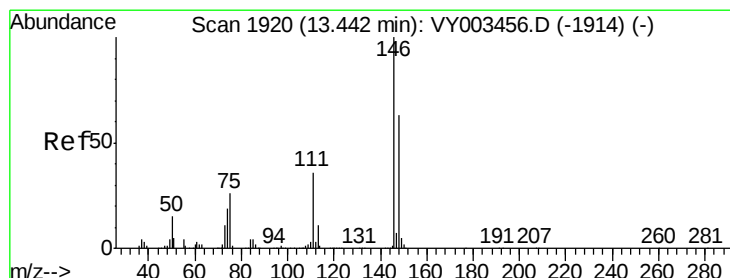
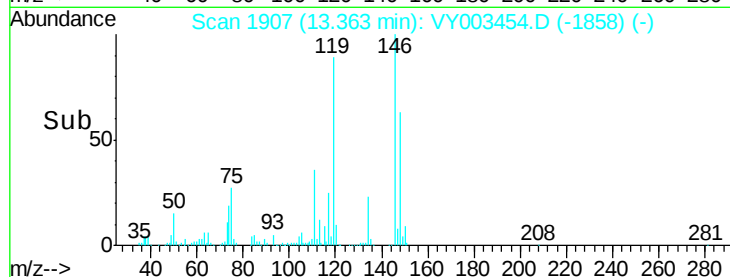
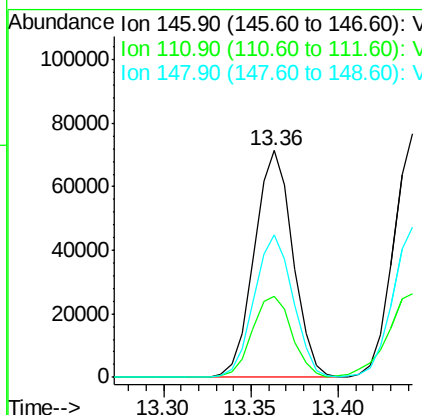
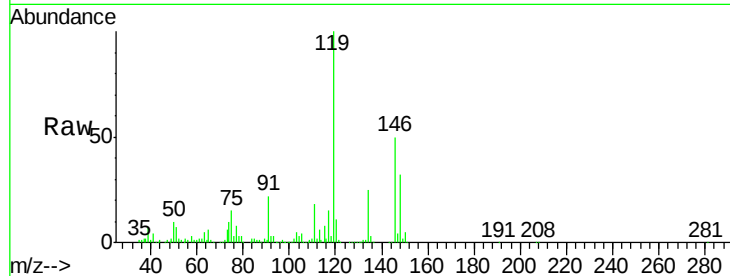
Instrument :
MSVOA_Y

ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.6	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 10.300 ug/l

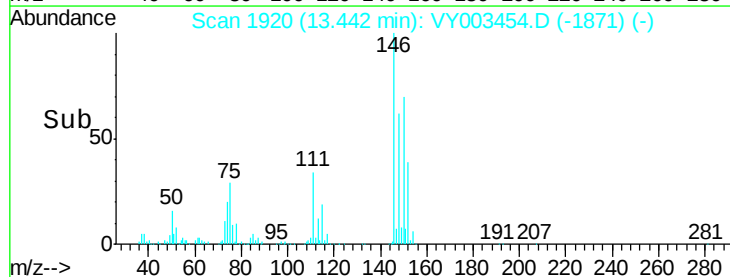
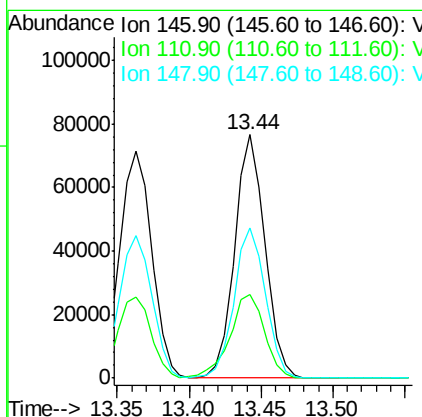
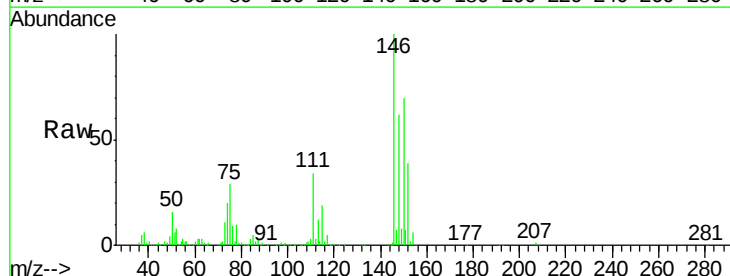
RT: 13.44 min Scan# 1920

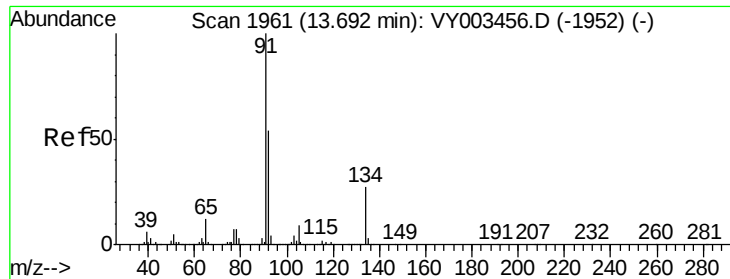
Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.4	55.0
148	64.3	32.4	97.0





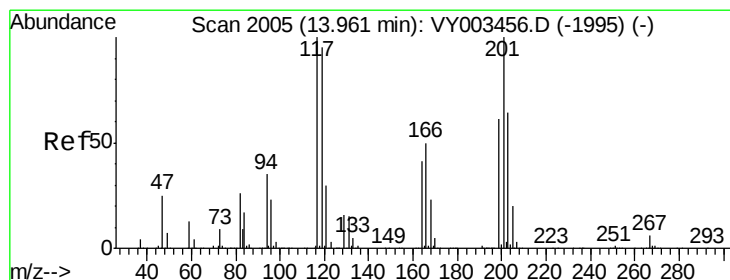
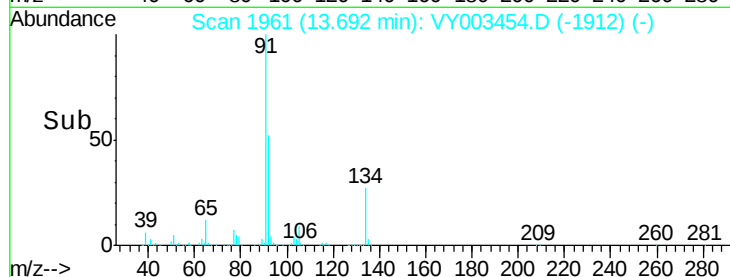
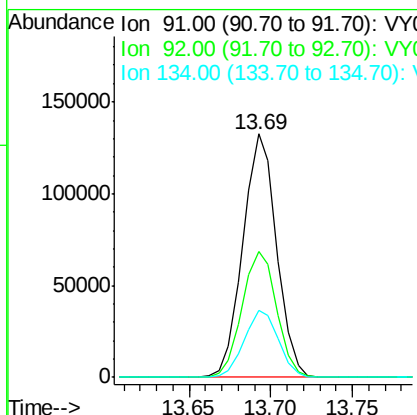
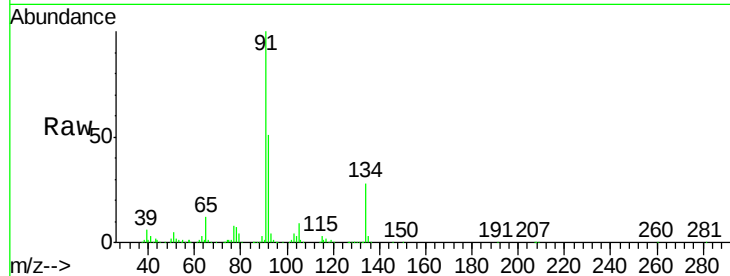
#89
n-Butylbenzene
Concen: 9.880 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	28.1	14.1	42.4

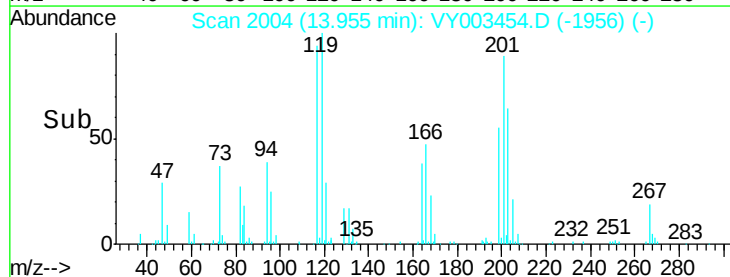
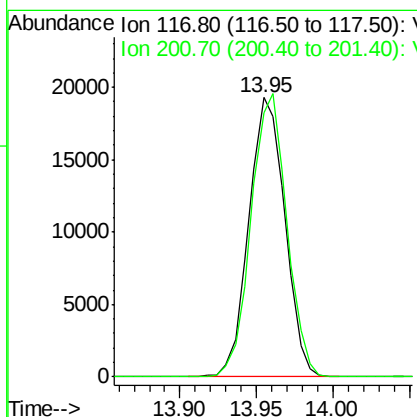
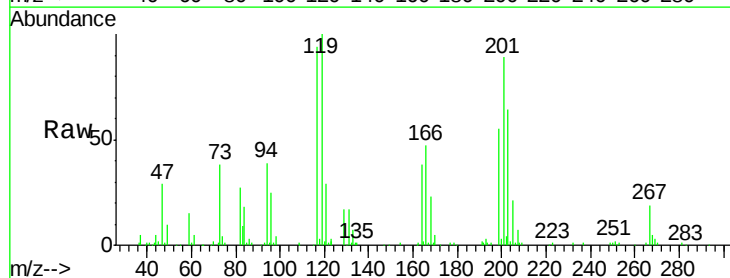
Manual Integrations
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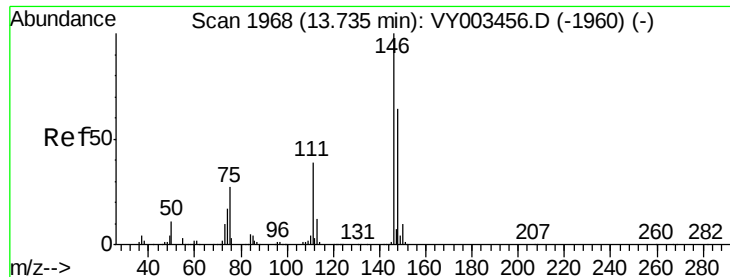
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#90
Hexachloroethane
Concen: 9.464 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.4	48.3	144.8





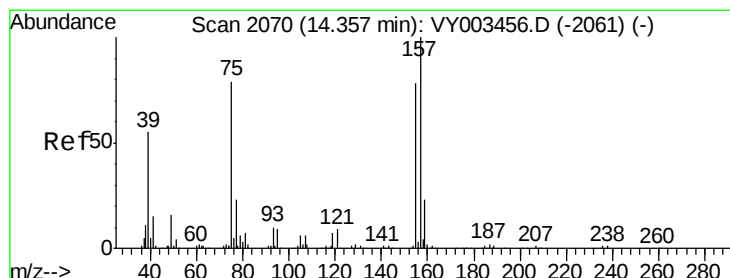
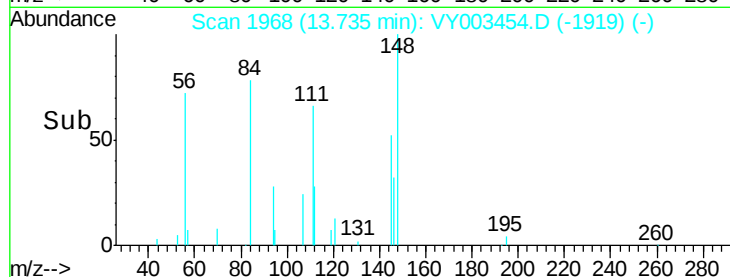
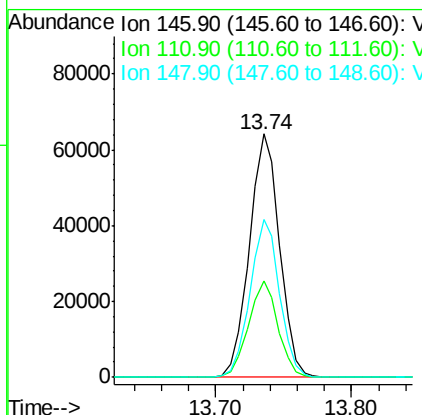
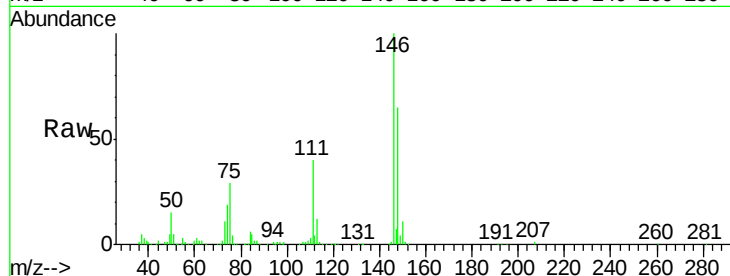
#91
 1,2-Dichlorobenzene
 Concen: 10.227 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	63.3	32.1	96.3

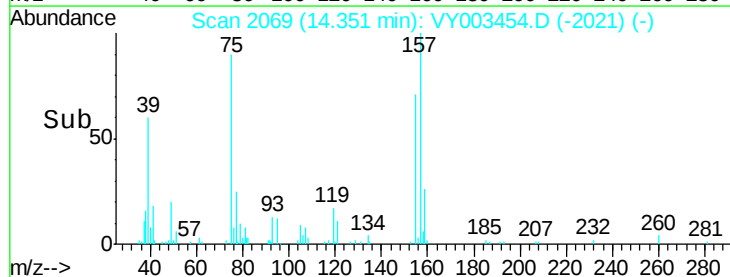
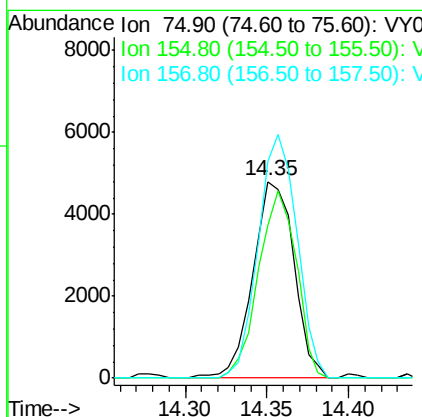
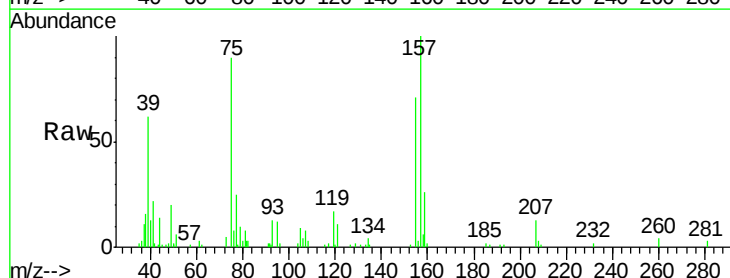
Manual Integrations
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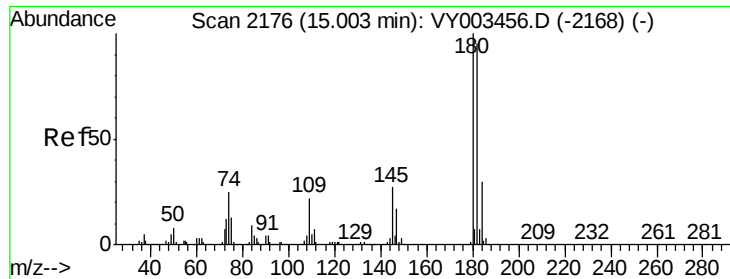
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.758 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	47.8	143.3
157	116.8	60.8	182.4





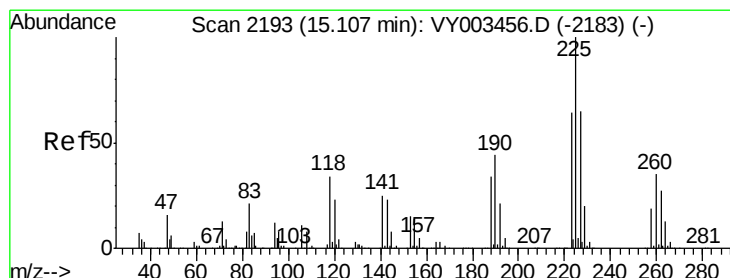
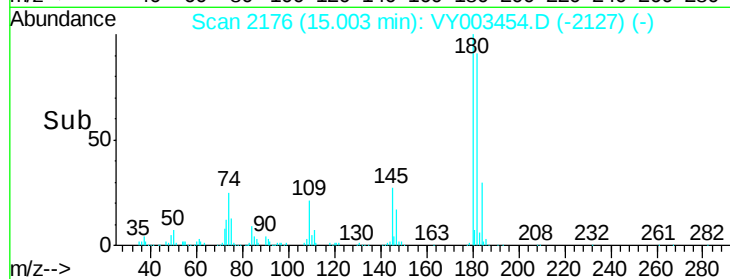
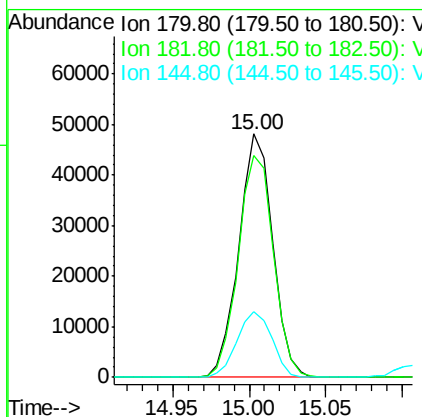
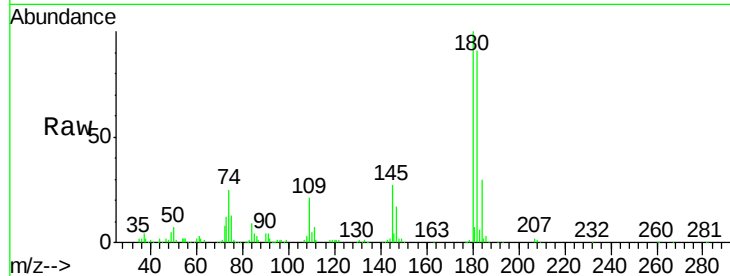
#93
 1,2,4-Trichlorobenzene
 Concen: 10.226 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.0
145	27.8	13.5	40.5

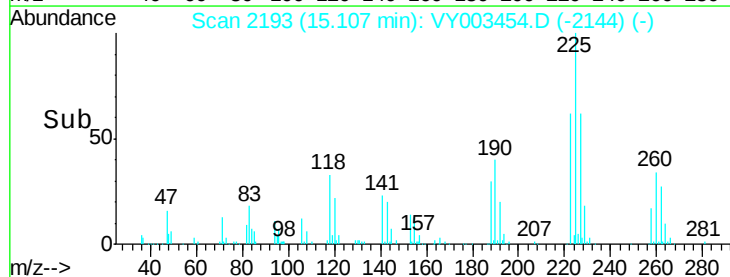
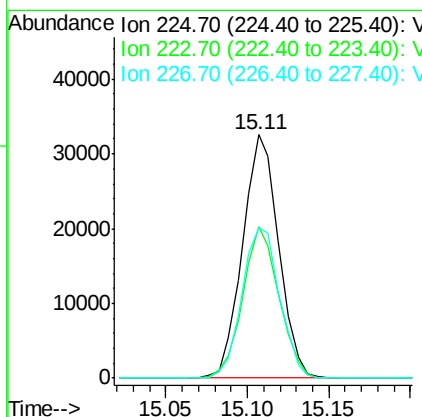
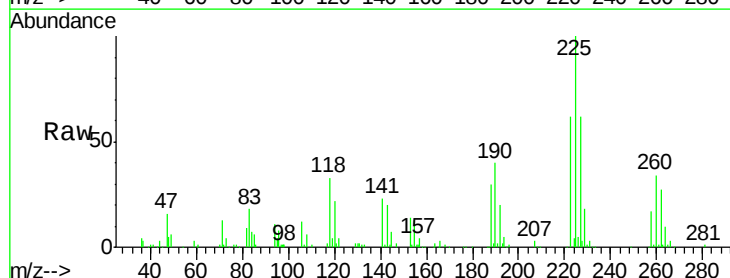
Manual Integrations
 APPROVED

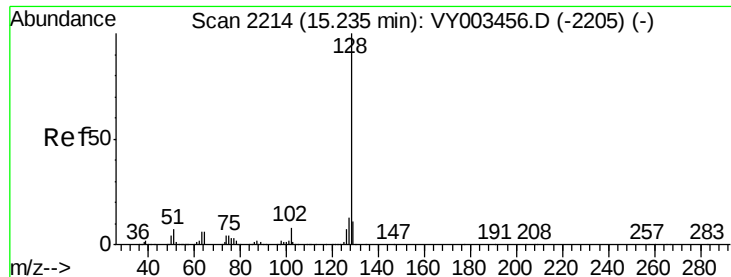
MMDadoda
 10/6/2020 12:55:37 PM



#94
 Hexachlorobutadiene
 Concen: 10.627 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.0
227	64.5	32.5	97.4





#95

Naphthalene

Concen: 9.719 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

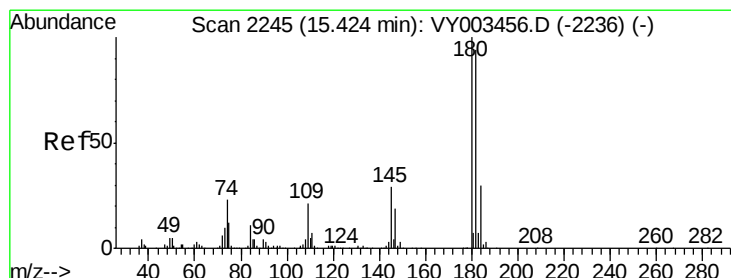
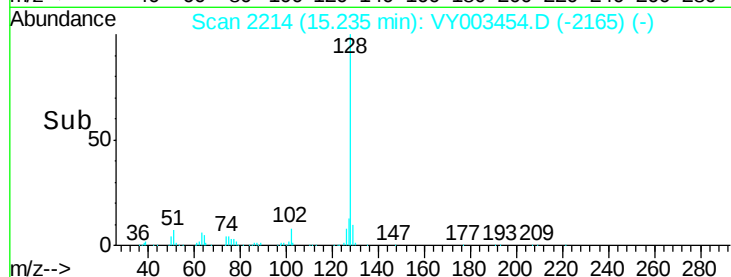
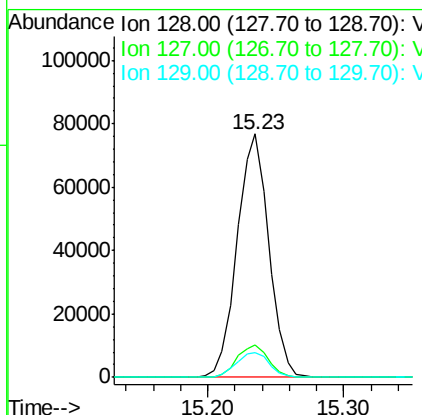
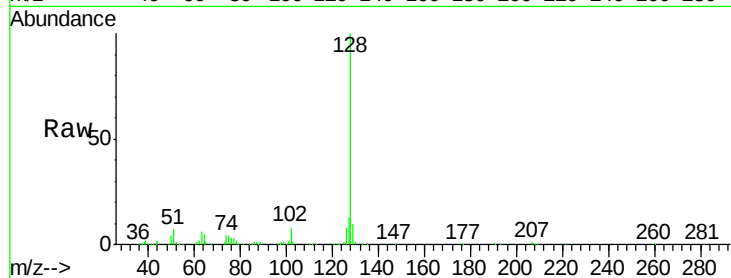
ClientSampleId :

VSTDIC010

Tot Ion:	128	Resp:	124735
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:37 PM



#96

1,2,3-Trichlorobenzene

Concen: 9.982 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion:	180	Resp:	62889
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.5	142.6
145	28.4	14.4	43.4

