

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002938.D
 Acq On : 19 Jun 2020 14:47
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:06:58 PM

Quant Time: Jun 19 15:03:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	364807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	542730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	436013	143.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.44%	
35) Dibromofluoromethane	7.72	113	442216	142.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.72%	
50) Toluene-d8	10.18	98	1732570	142.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.16%	
62) 4-Bromofluorobenzene	12.48	95	588844	137.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	352628	152.344	ug/l	100
3) Chloromethane	2.12	50	394579	148.648	ug/l	99
4) Vinyl Chloride	2.26	62	431265	153.502	ug/l	99
5) Bromomethane	2.63	94	275509	128.123	ug/l	95
6) Chloroethane	2.79	64	265779	145.464	ug/l	96
7) Trichlorofluoromethane	3.12	101	728882	142.785	ug/l	98
8) Diethyl Ether	3.54	74	270200	147.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	437731	142.224	ug/l	99
10) Methyl Iodide	4.10	142	655026	160.570	ug/l	100
11) Tert butyl alcohol	4.97	59	232249	594.559	ug/l	99
12) 1,1-Dichloroethene	3.88	96	442747	145.916	ug/l	99
13) Acrolein	3.74	56	239125	816.833	ug/l	99
14) Allyl chloride	4.49	41	642283	147.012	ug/l	100
15) Acrylonitrile	5.18	53	643470	728.908	ug/l	100
16) Acetone	3.96	43	539640	723.573	ug/l	97
17) Carbon Disulfide	4.20	76	1365830	156.402	ug/l	100
18) Methyl Acetate	4.49	43	267980	113.305	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1218578	147.562	ug/l	98
20) Methylene Chloride	4.72	84	486247	87.998	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	487581	144.650	ug/l	99
22) Diisopropyl ether	6.13	45	1277657	141.328	ug/l	99
23) Vinyl Acetate	6.07	43	4418858	779.421	ug/l	99
24) 1,1-Dichloroethane	6.02	63	760442	142.827	ug/l	99
25) 2-Butanone	7.00	43	814699	727.096	ug/l	99
26) 2,2-Dichloropropane	6.99	77	688858	136.229	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	543889	143.843	ug/l	100
28) Bromochloromethane	7.34	49	326271	147.379	ug/l	98
29) Tetrahydrofuran	7.35	42	528903	731.989	ug/l	100
30) Chloroform	7.52	83	798375	143.074	ug/l	100
31) Cyclohexane	7.79	56	723462	137.586	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	739550	144.498	ug/l	100
36) 1,1-Dichloropropene	7.93	75	635178	144.428	ug/l	100
37) Ethyl Acetate	7.08	43	350561	141.784	ug/l	99
38) Carbon Tetrachloride	7.91	117	705405	145.960	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	855437	149.201	ug/l	98
40) Benzene	8.17	78	1881709	143.144	ug/l	99
41) Methacrylonitrile	7.33	41	180080m	80.538	ug/l	
42) 1,2-Dichloroethane	8.24	62	523447	143.185	ug/l	100
43) Isopropyl Acetate	8.28	43	674084	148.823	ug/l	99
44) Trichloroethene	8.94	130	579790	141.938	ug/l	100
45) 1,2-Dichloropropane	9.22	63	450122	141.995	ug/l	99
46) Dibromomethane	9.31	93	270235	142.811	ug/l	99
47) Bromodichloromethane	9.50	83	644134	147.175	ug/l	100
48) Methyl methacrylate	9.30	41	307642	152.708	ug/l	97
49) 1,4-Dioxane	9.30	88	81026	2963.955	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1748739	722.756	ug/l	100
52) Toluene	10.25	92	1218448	143.393	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	701951	148.060	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	794956	147.799	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	399574	141.070	ug/l	100
56) Ethyl methacrylate	10.51	69	568137	152.287	ug/l	98
57) 1,3-Dichloropropane	10.79	76	664807	140.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1401177	750.641	ug/l	100
59) 2-Hexanone	10.83	43	1239940	733.304	ug/l	100
60) Dibromochloromethane	10.99	129	522123	145.976	ug/l	99
61) 1,2-Dibromoethane	11.09	107	401388	143.674	ug/l	99
64) Tetrachloroethene	10.72	164	577317	136.605	ug/l	99
65) Chlorobenzene	11.52	112	1359995	143.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	517343	144.990	ug/l	99
67) Ethyl Benzene	11.59	91	2352803	144.602	ug/l	100
68) m/p-Xylenes	11.70	106	1835217	290.315	ug/l	99
69) o-Xylene	12.03	106	866621	145.419	ug/l	100
70) Styrene	12.05	104	1504971	146.649	ug/l	100
71) Bromoform	12.20	173	352062	148.092	ug/l #	98
73) Isopropylbenzene	12.33	105	2297413	145.943	ug/l	99
74) N-amyl acetate	12.14	43	615737	153.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	433069	148.359	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	326881m	89.371	ug/l	
77) Bromobenzene	12.61	156	601685	145.468	ug/l	99
78) n-propylbenzene	12.67	91	2641261	144.214	ug/l	100
79) 2-Chlorotoluene	12.75	91	1488033	144.980	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1915704	145.960	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	178479	154.724	ug/l	99
82) 4-Chlorotoluene	12.85	91	1550770	143.214	ug/l	100
83) tert-Butylbenzene	13.08	119	1689037	142.880	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1910593	144.058	ug/l	100
85) sec-Butylbenzene	13.25	105	2287236	141.501	ug/l	100
86) p-Isopropyltoluene	13.37	119	2152321	142.507	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1113285	141.730	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1107456	140.593	ug/l	100
89) n-Butylbenzene	13.69	91	1921603	140.166	ug/l	99
90) Hexachloroethane	13.96	117	408671	146.325	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	1008820	140.824	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	80562	147.163	ug/l	99

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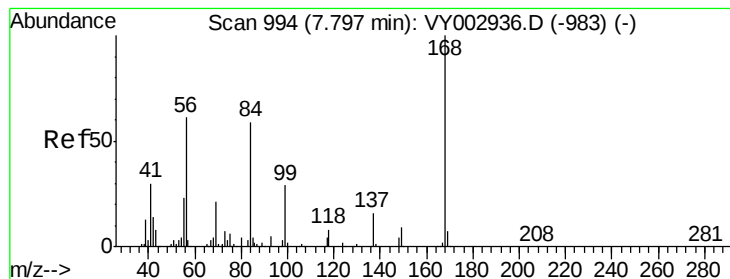
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	764235	142.375	ug/l	99
94) Hexachlorobutadiene	15.11	225	423024	134.826	ug/l	100
95) Naphthalene	15.23	128	1593101	151.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	683823	142.985	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 364807

Ion Ratio Lower Upper

168 100

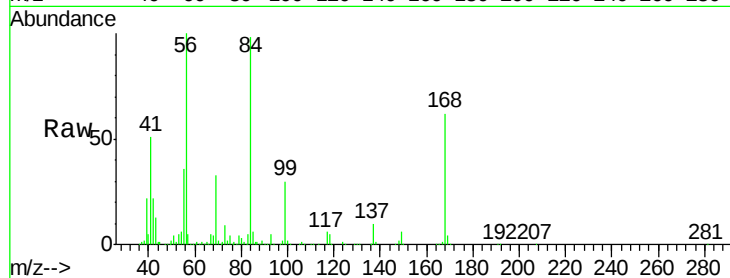
99 48.9 39.5 59.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002938.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002938.D (-983) (-)

7.80

200000

150000

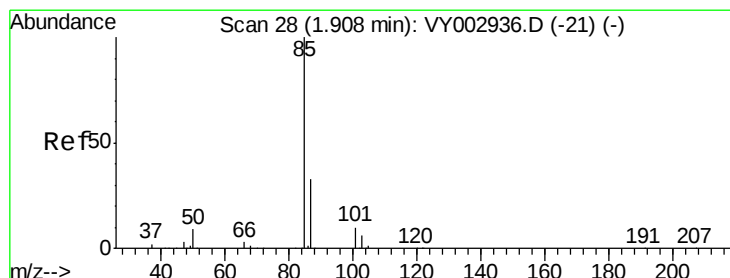
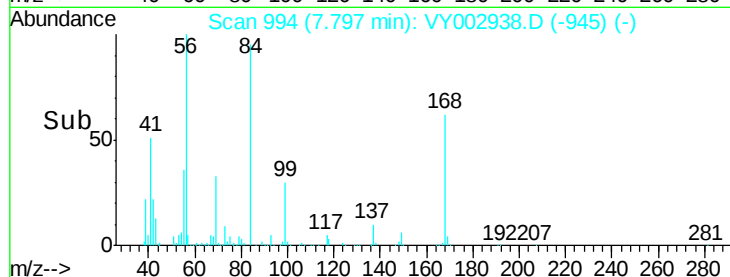
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 152.344 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002938.D

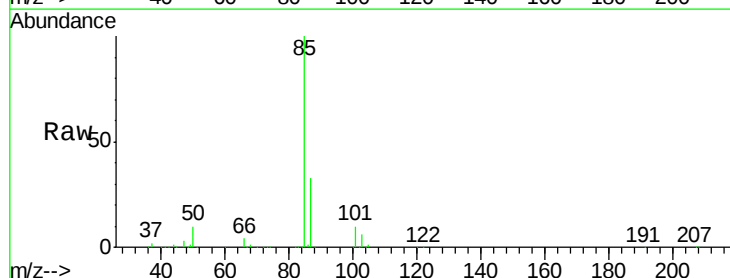
Acq: 19 Jun 2020 14:47

Tgt Ion: 85 Resp: 352628

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002938.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002938.D (-21) (-)

1.90

250000

200000

150000

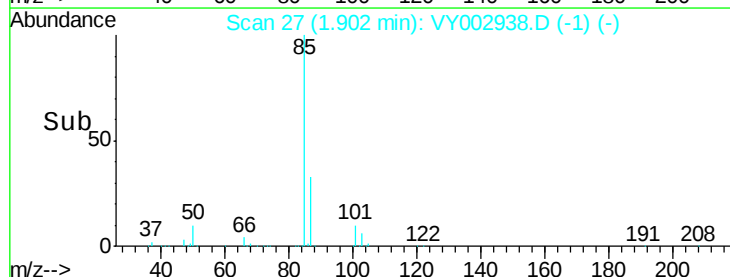
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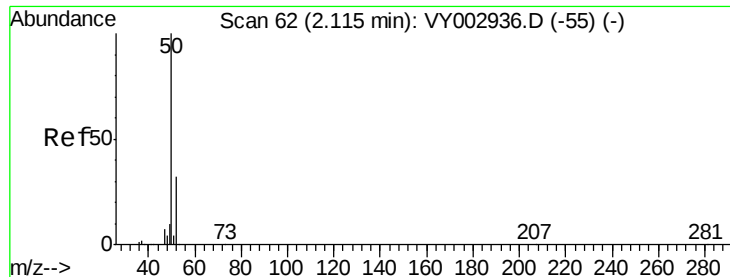
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 148.648 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 394579

Ion Ratio Lower Upper

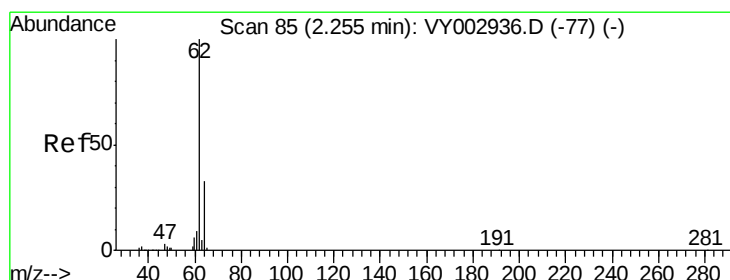
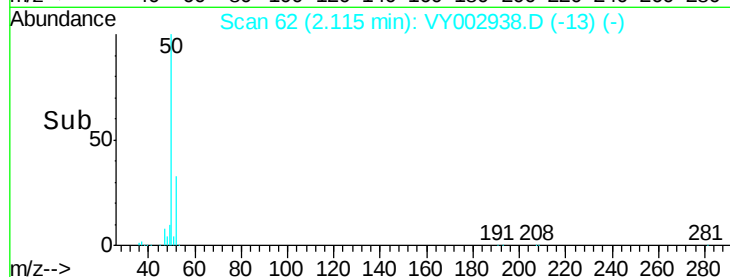
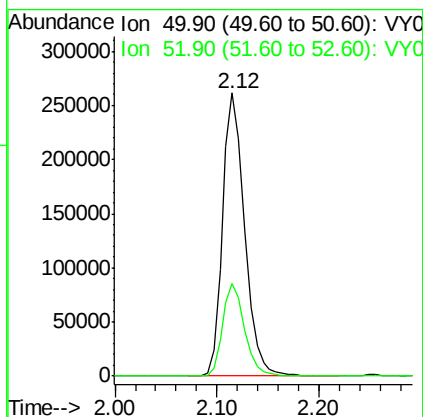
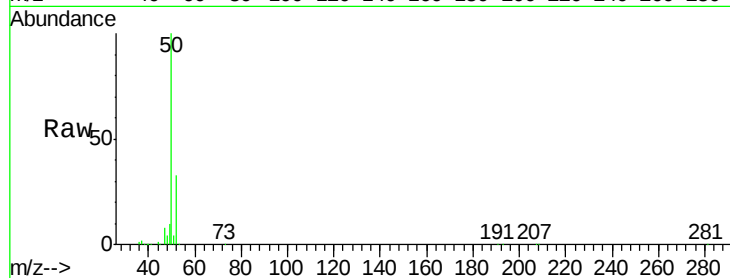
50 100

52 32.6 25.8 38.6

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#4

Vinyl Chloride

Concen: 153.502 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002938.D

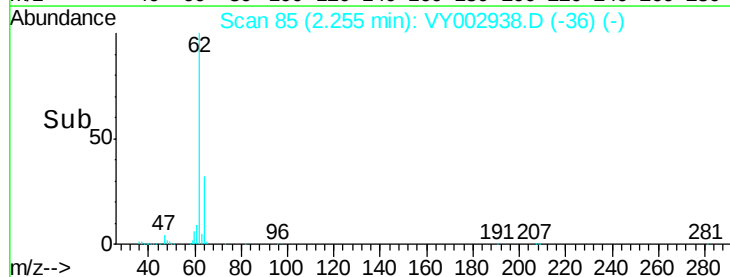
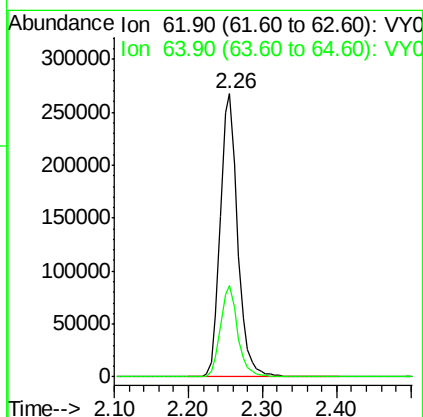
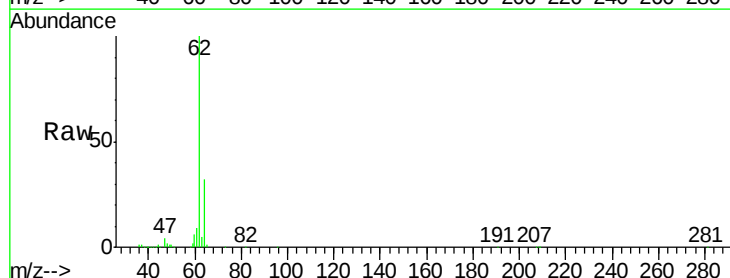
Acq: 19 Jun 2020 14:47

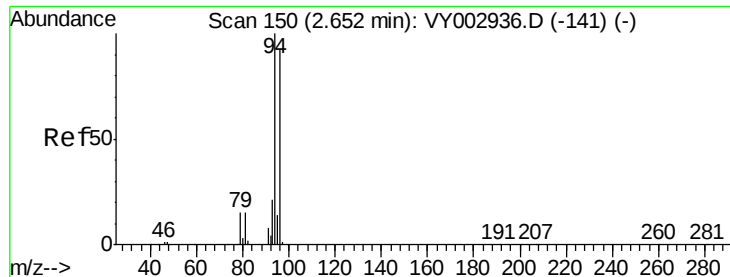
Tgt Ion: 62 Resp: 431265

Ion Ratio Lower Upper

62 100

64 32.5 26.3 39.5





#5

Bromomethane

Concen: 128.123 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 275509

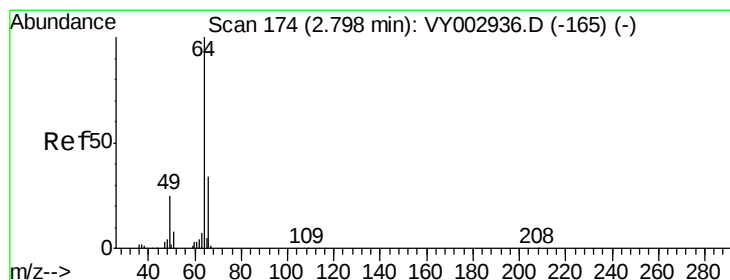
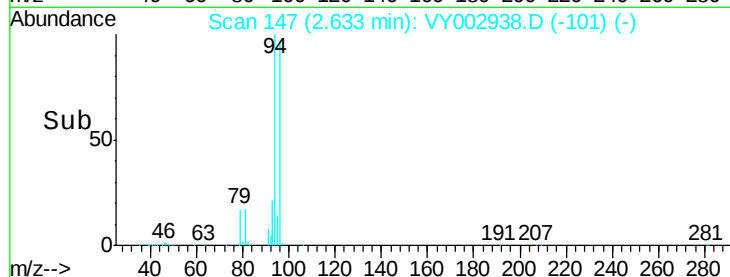
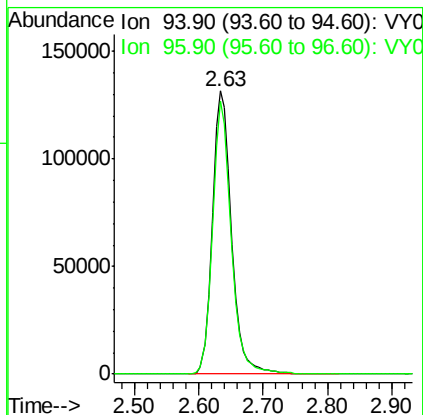
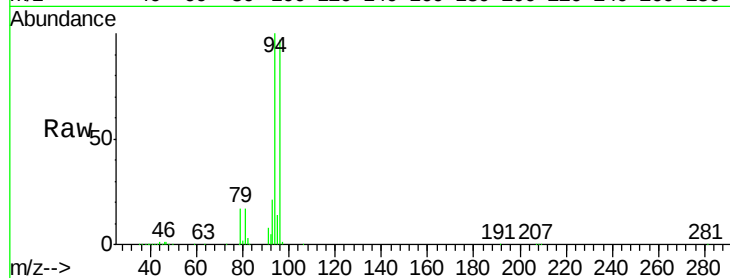
Ion Ratio Lower Upper

94 100

96 96.5 73.7 110.5

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#6

Chloroethane

Concen: 145.464 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY002938.D

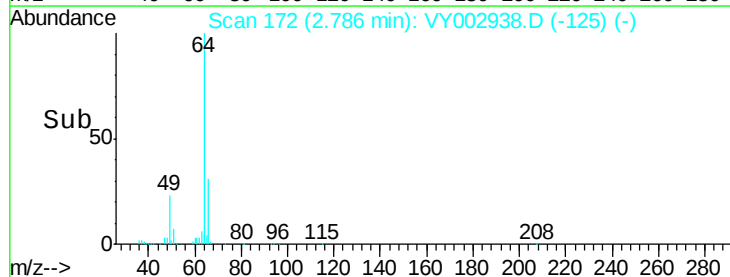
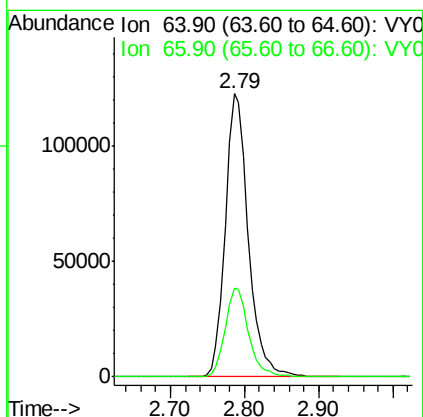
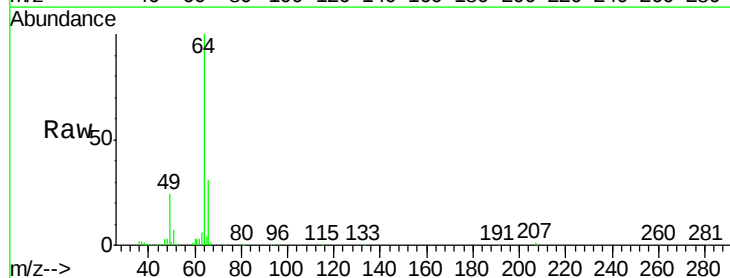
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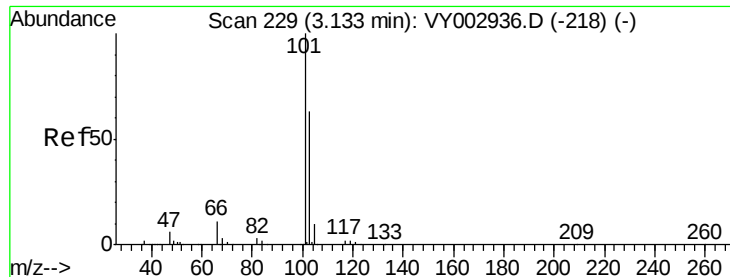
Tgt Ion: 64 Resp: 265779

Ion Ratio Lower Upper

64 100

66 31.4 27.0 40.6





#7

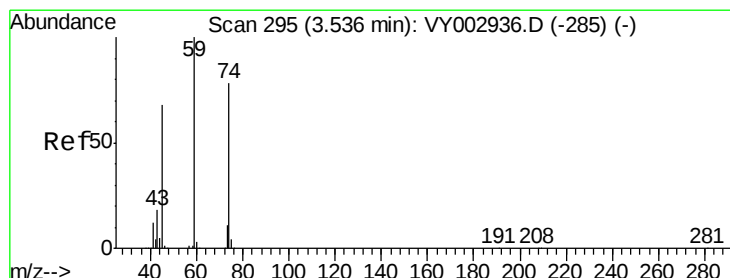
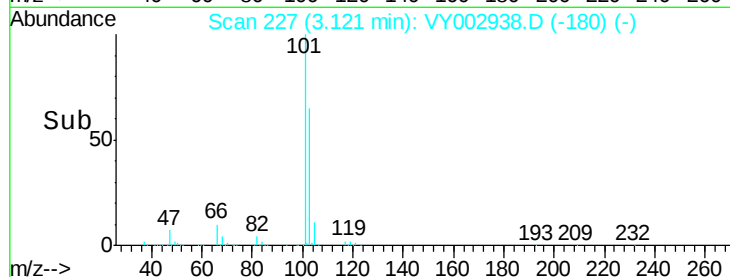
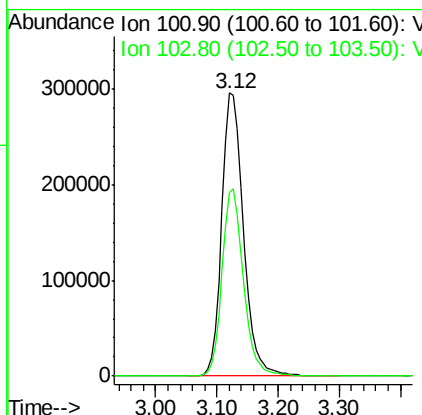
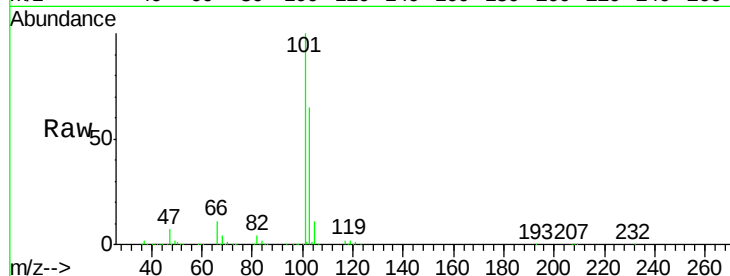
Trichlorofluoromethane
 Concen: 142.785 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		728882		
103	64.8	50.6	76.0		

Manual Integrations
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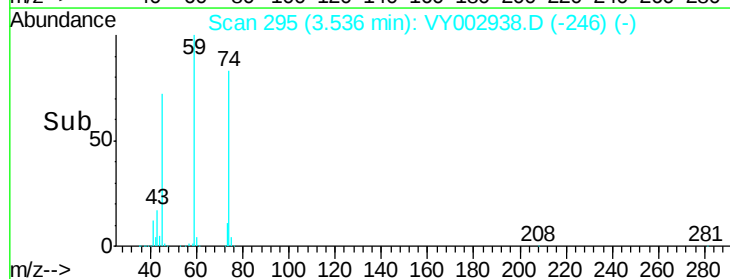
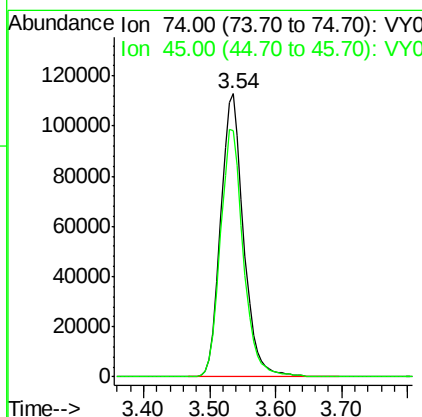
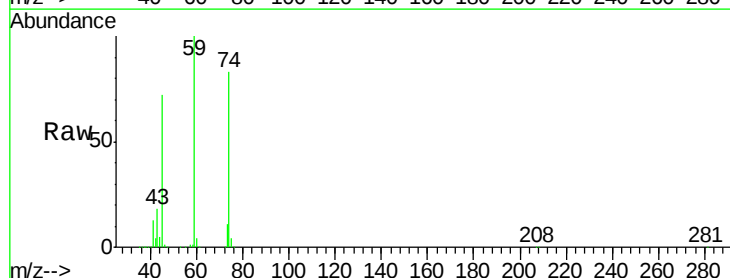
MMDadoda
 6/22/2020 2:06:58 PM

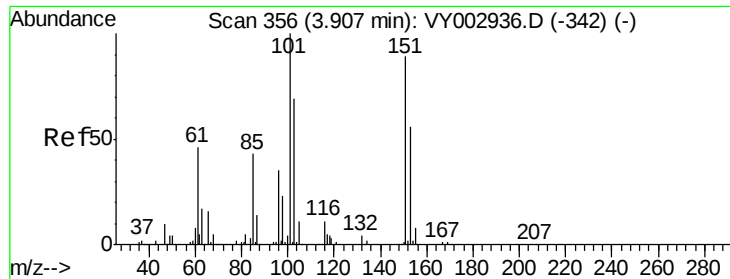


#8

Diethyl Ether
 Concen: 147.623 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		270200		
45	87.8	43.7	131.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.224 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

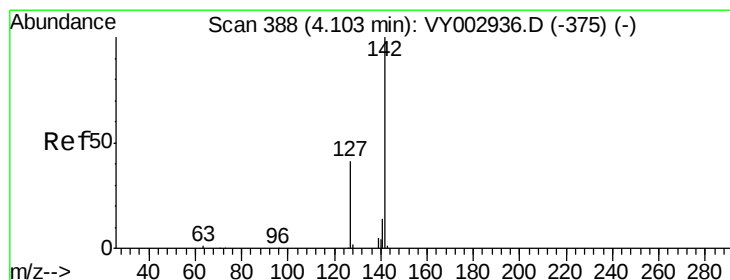
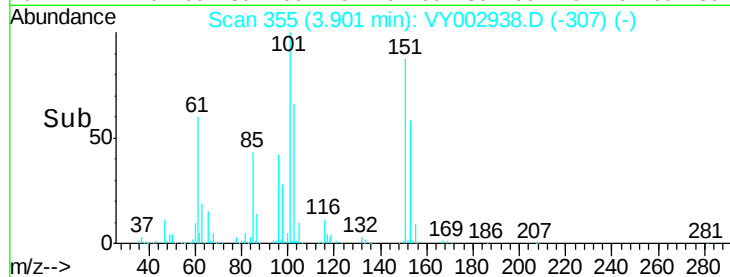
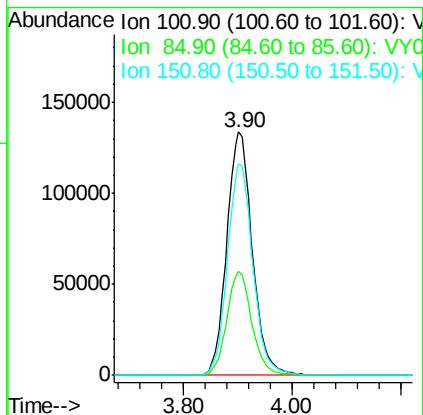
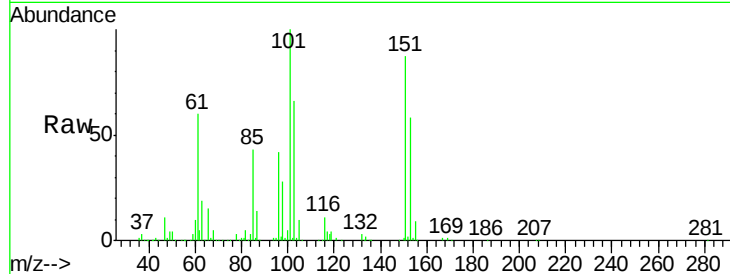
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	437731
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.6	50.4
151	86.8	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 160.570 ug/l

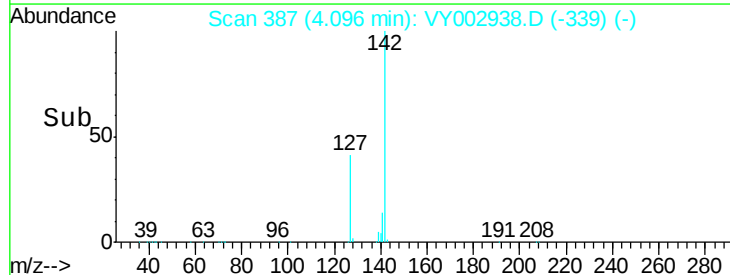
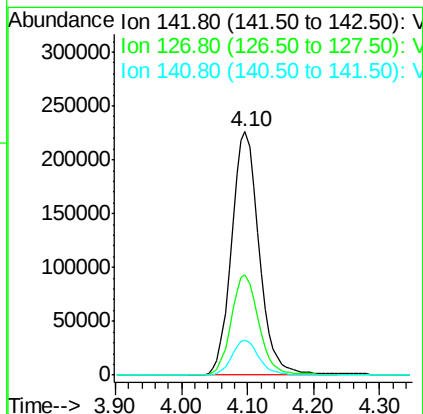
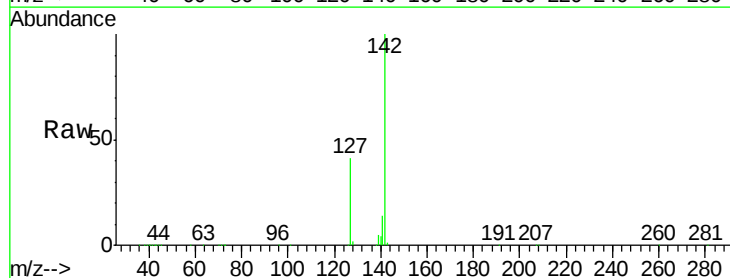
RT: 4.10 min Scan# 387

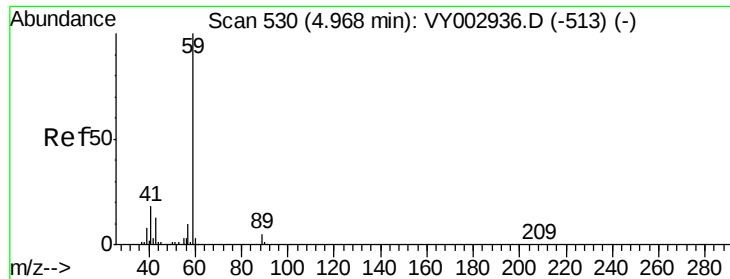
Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion:	142	Resp:	655026
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.9	49.3
141	14.1	11.3	16.9





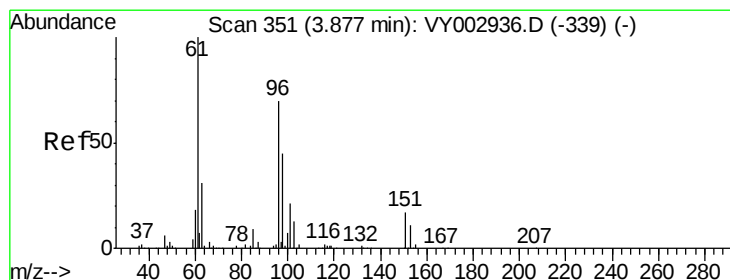
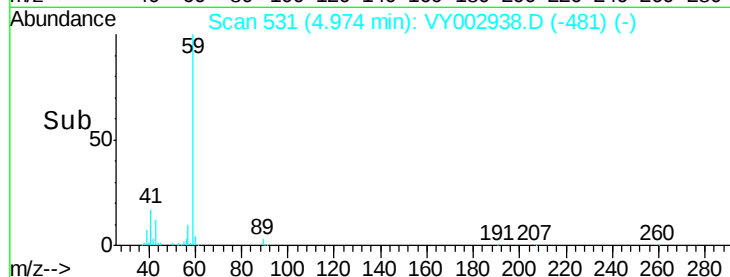
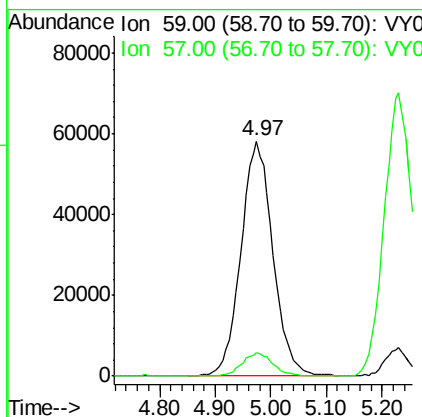
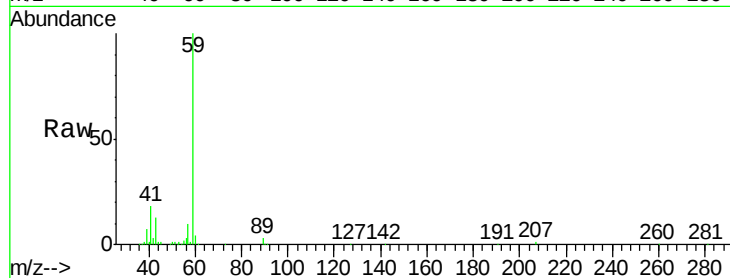
#11
Tert butyl alcohol
Concen: 594.559 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.4	11.2

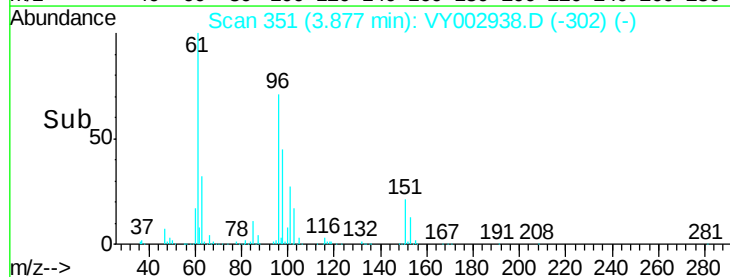
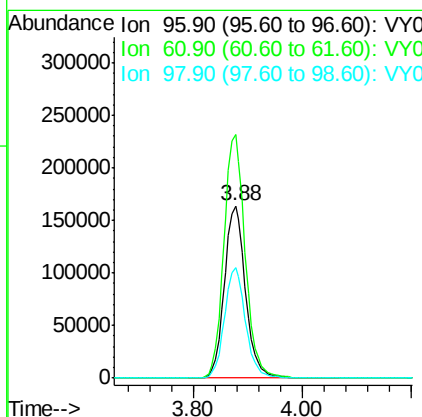
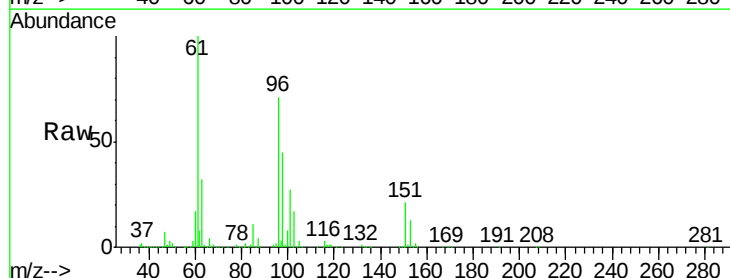
Manual Integrations
APPROVED

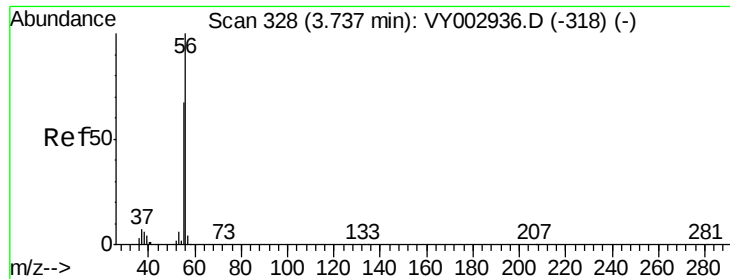
MMDadoda
6/22/2020 2:06:58 PM



#12
1,1-Dichloroethene
Concen: 145.916 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.4	114.6	172.0
98	64.1	51.4	77.0





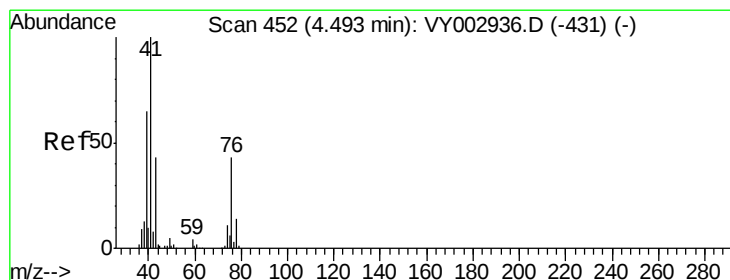
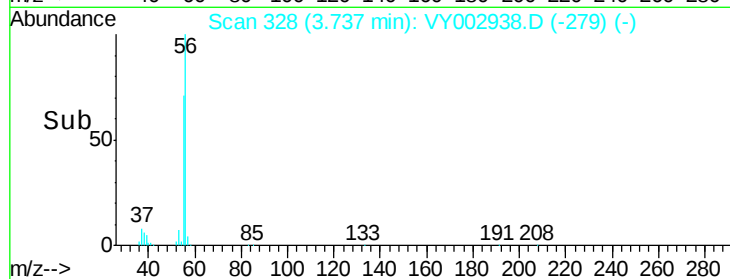
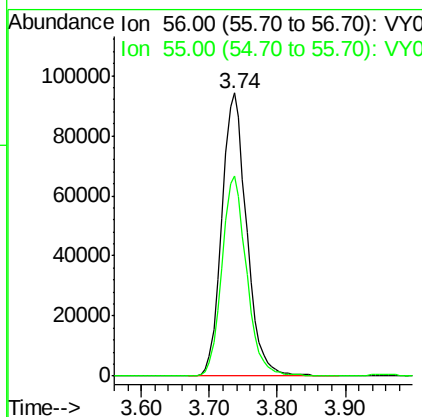
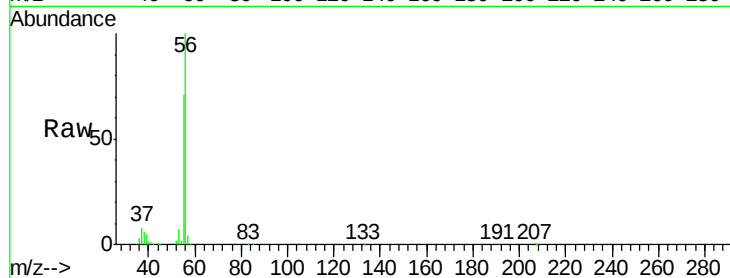
#13
Acrolein
Concen: 816.833 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion	56	Resp	239125
Ion Ratio	100	Lower	Upper
55	70.0	55.3	82.9

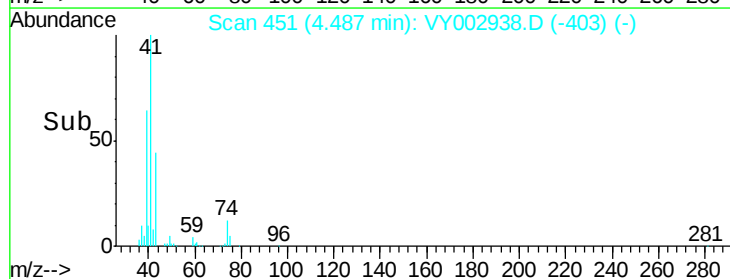
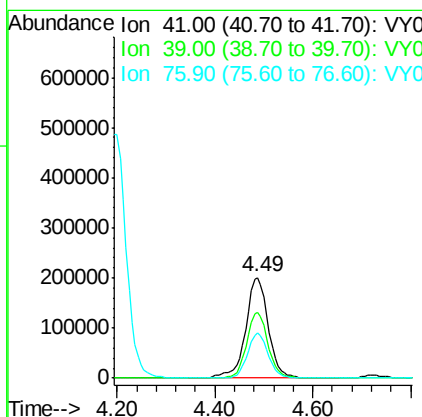
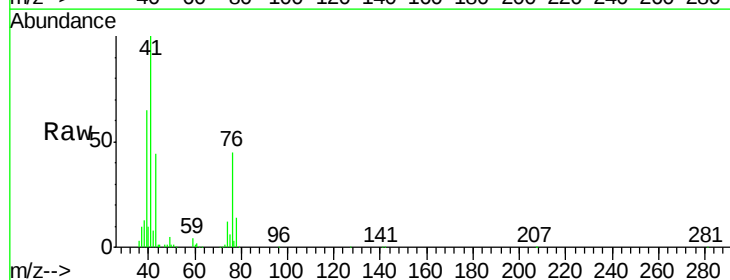
Manual Integrations
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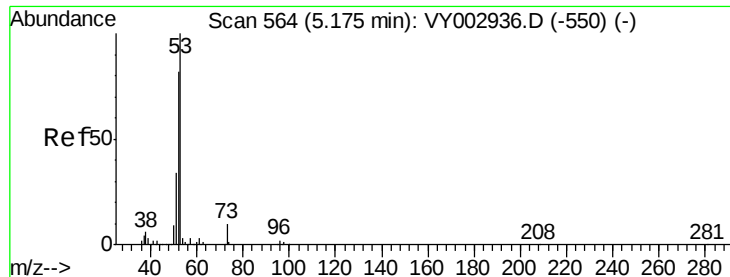
MMDadoda
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#14
Allyl chloride
Concen: 147.012 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	41	Resp	642283
Ion Ratio	100	Lower	Upper
39	62.2	50.0	75.0
76	41.2	33.3	49.9





#15

Acrylonitrile

Concen: 728.908 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

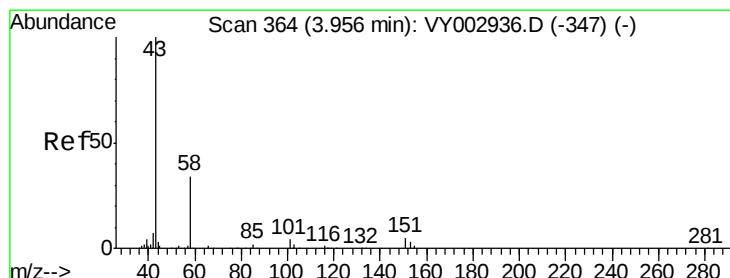
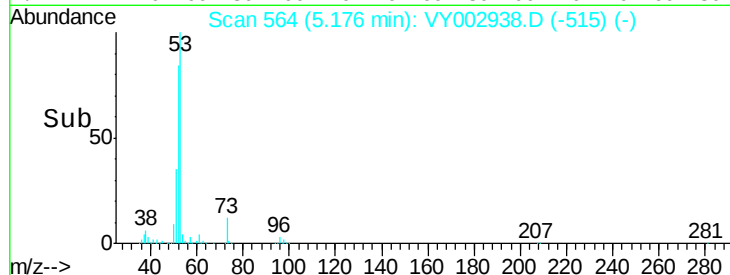
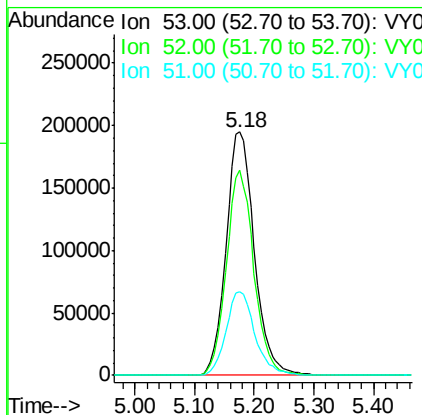
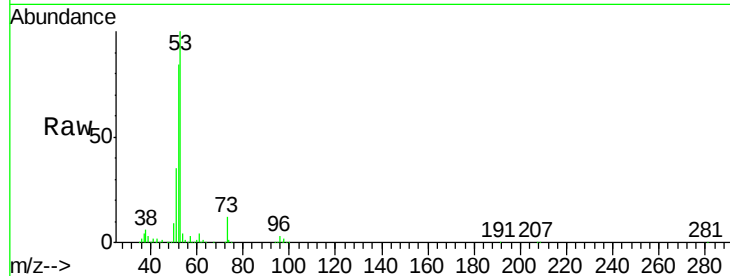
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	643470
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.7	98.5
51	35.2	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 723.573 ug/l

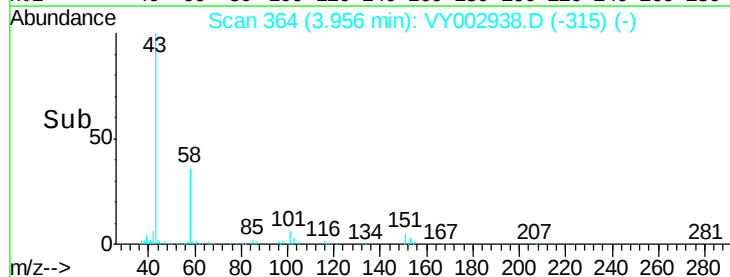
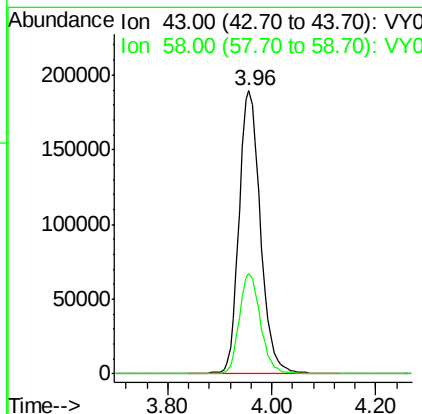
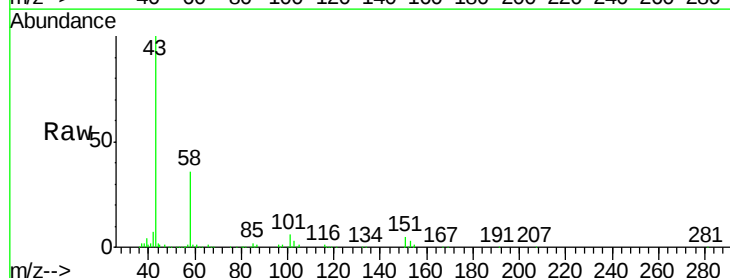
RT: 3.96 min Scan# 364

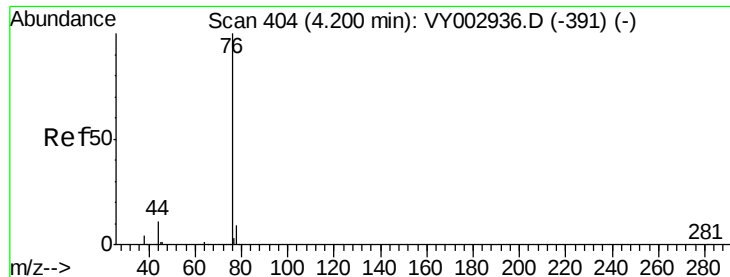
Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion:	43	Resp:	539640
Ion Ratio	Lower	Upper	
43	100		
58	35.6	27.3	40.9





#17

Carbon Disulfide

Concen: 156.402 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1365830

Ion Ratio Lower Upper

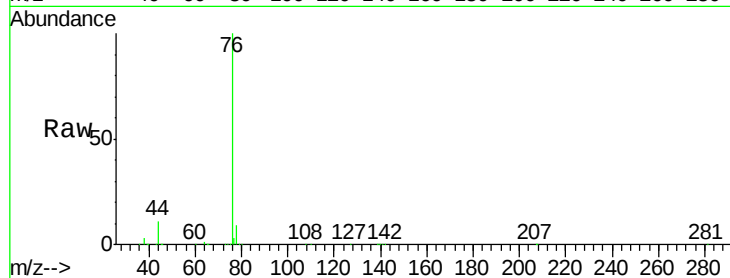
76 100

78 9.3 7.4 11.2

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

500000

400000

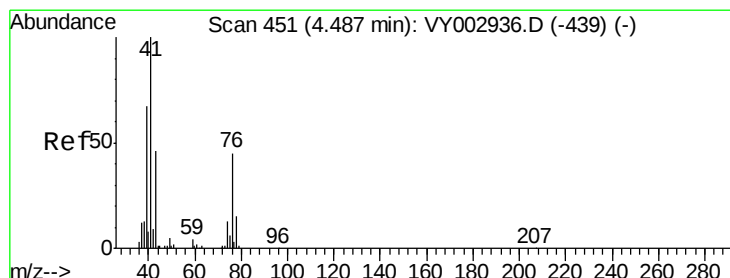
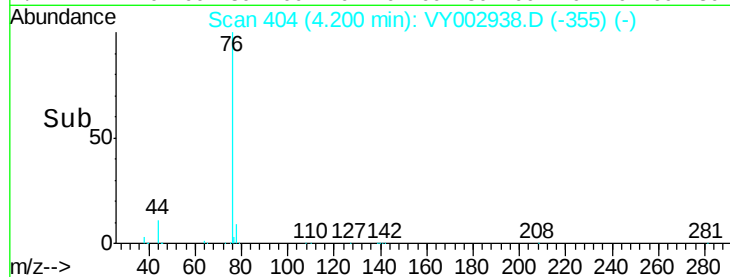
300000

200000

100000

0

Time--> 4.00 4.20 4.40



#18

Methyl Acetate

Concen: 113.305 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002938.D

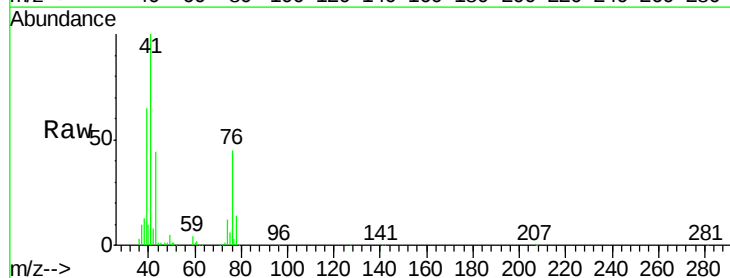
Acq: 19 Jun 2020 14:47

Tgt Ion: 43 Resp: 267980

Ion Ratio Lower Upper

43 100

74 27.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

100000

80000

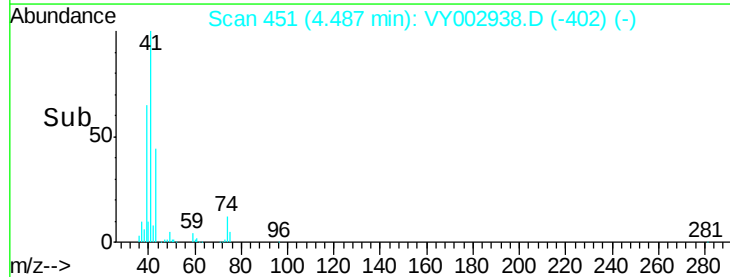
60000

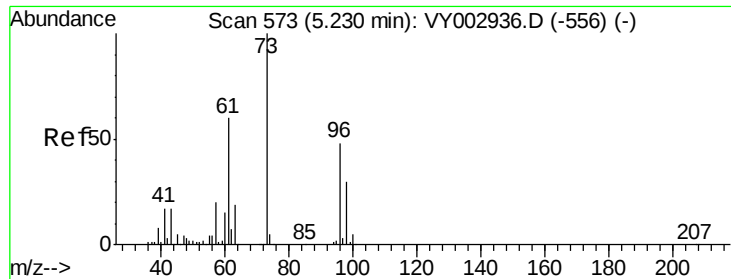
40000

20000

0

Time--> 4.30 4.40 4.50 4.60 4.70





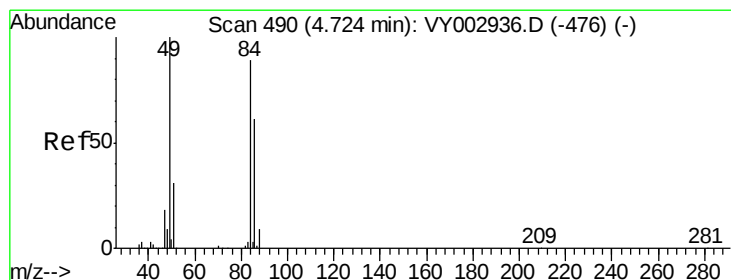
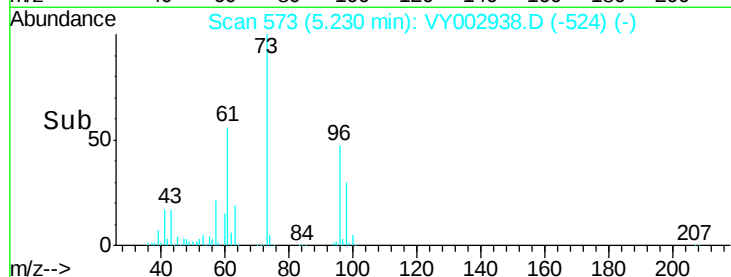
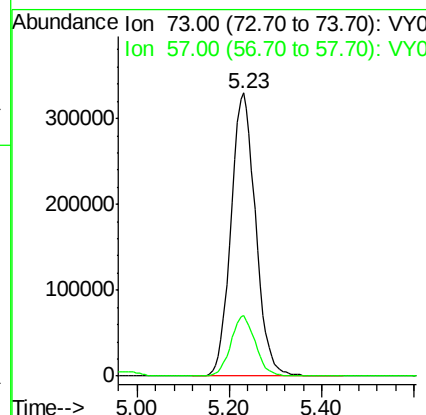
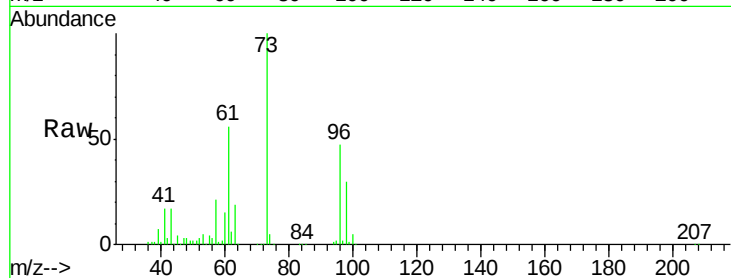
#19
Methvl tert-butvl Ether
Concen: 147.562 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1218578
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

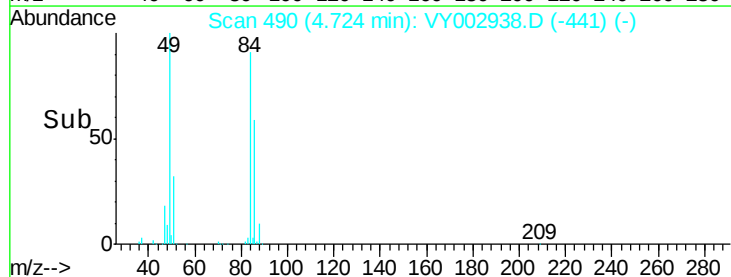
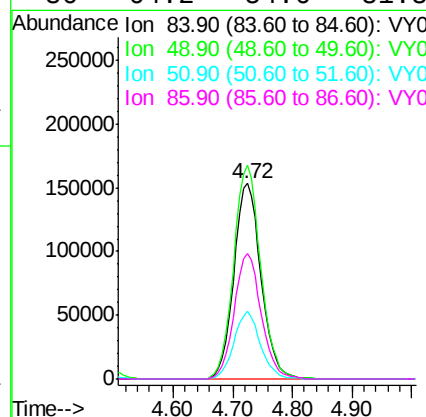
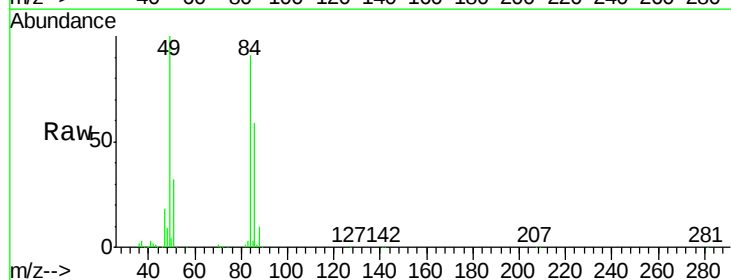
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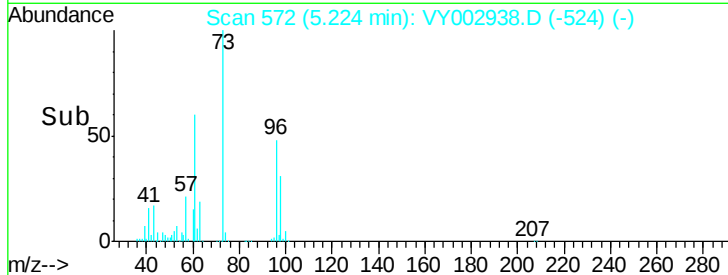
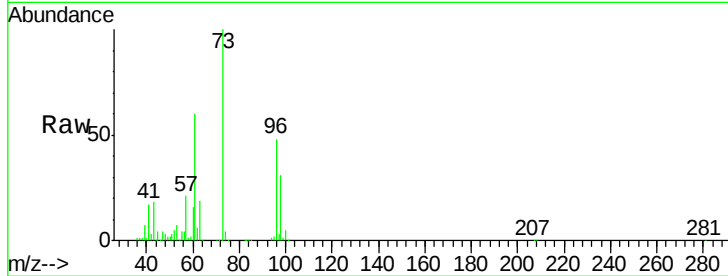
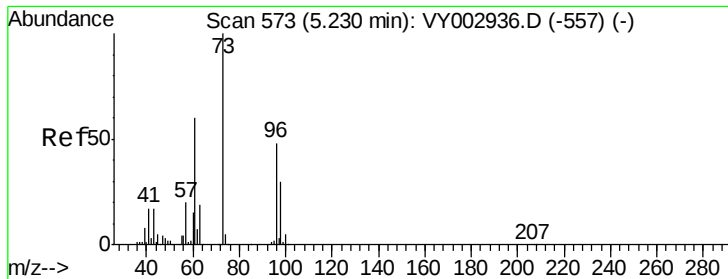
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#20
Methylene Chloride
Concen: 87.998 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 84 Resp: 486247
Ion Ratio Lower Upper
84 100
49 109.4 90.0 135.0
51 34.5 27.9 41.9
86 64.2 54.6 81.8





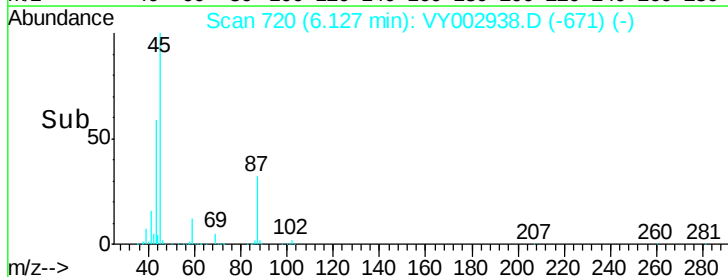
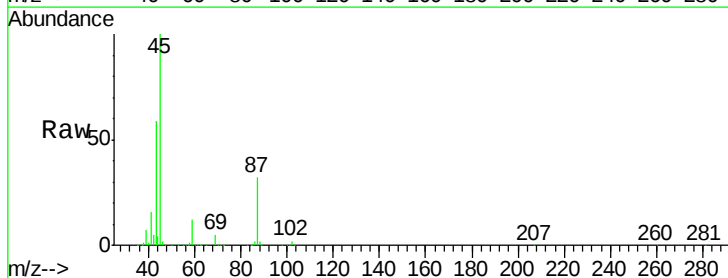
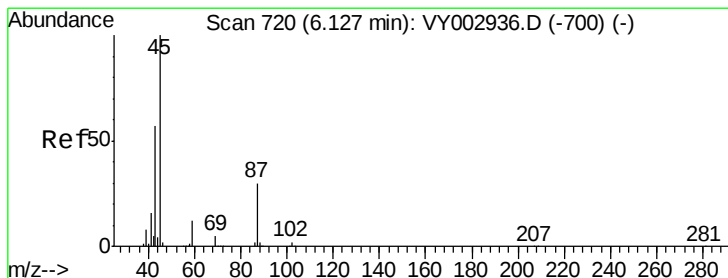
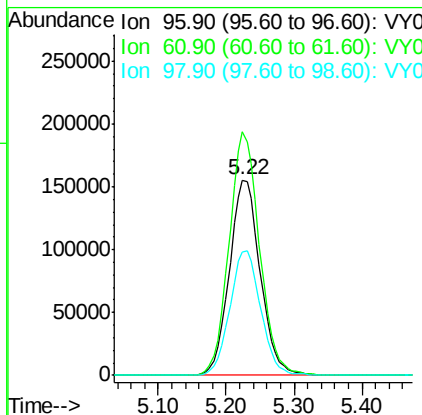
#21
trans-1,2-Dichloroethene
Concen: 144.650 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.6	100.6	150.8
98	63.3	49.8	74.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

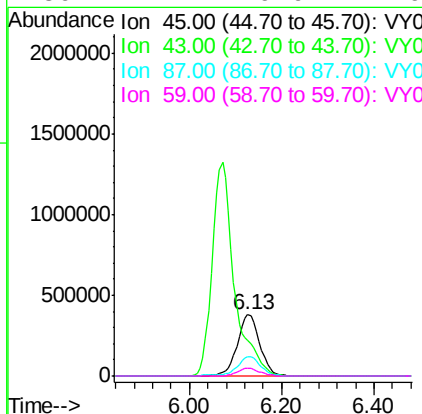
Manual Integrations
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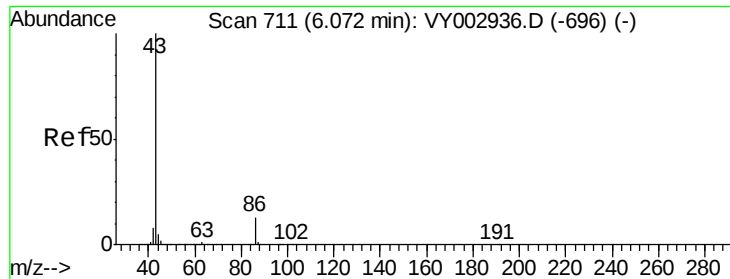
MMDadoda
6/22/2020 2:06:58 PM



#22
Diisopropyl ether
Concen: 141.328 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.5	46.2	69.2
87	31.7	24.9	37.3
59	12.2	9.9	14.9





#23

Vinyl Acetate

Concen: 779.421 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tot Ion: 43 Resp: 4418858

Ion Ratio Lower Upper

43 100

86 13.0 10.6 15.8

Instrument :

MSVOA_Y

ClientSampleId :

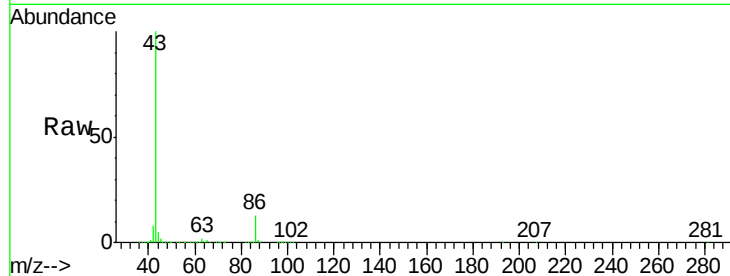
VSTDICC150

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

1500000

1000000

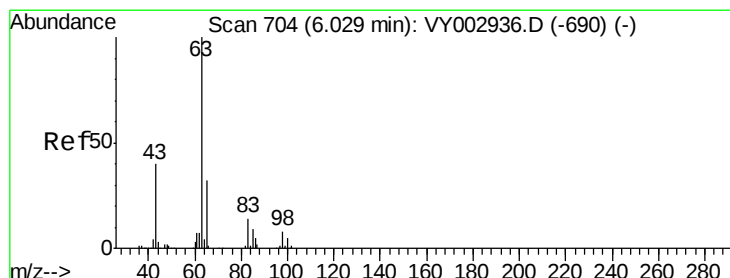
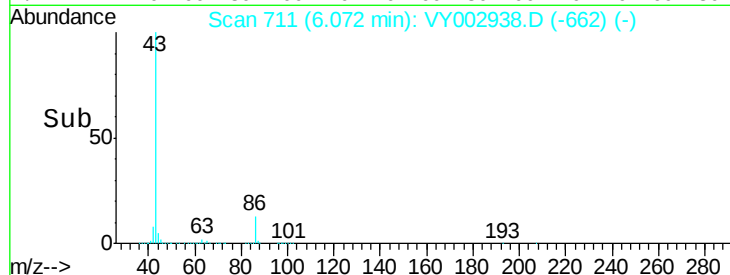
500000

0

6.07

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 142.827 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

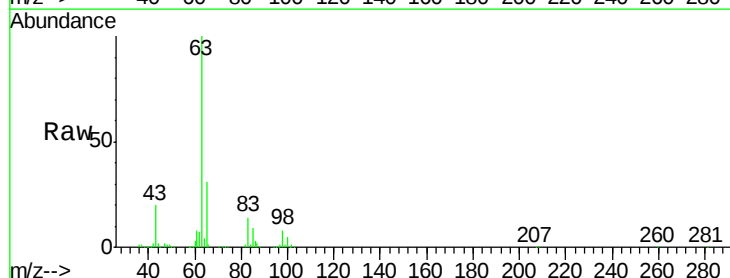
Tgt Ion: 63 Resp: 760442

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

100 5.1 2.5 7.6



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

300000

250000

200000

150000

100000

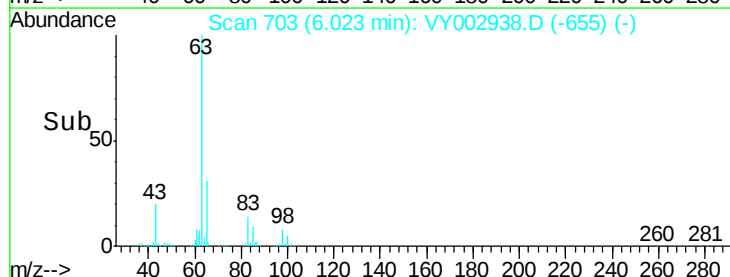
50000

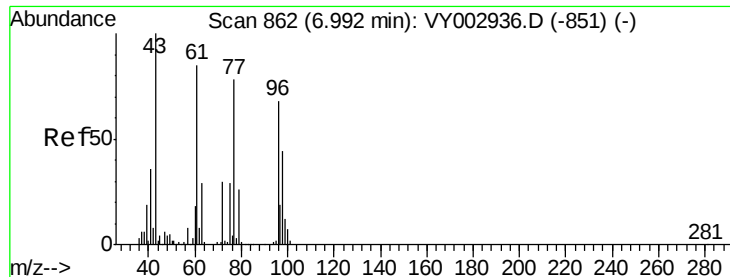
0

6.02

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 727.096 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 814699

Ion Ratio Lower Upper

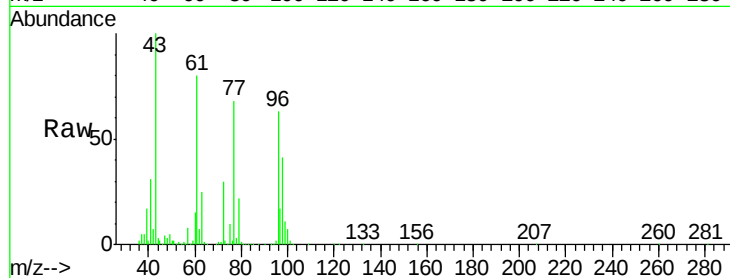
43 100

72 30.0 24.2 36.4

Manual Integrations
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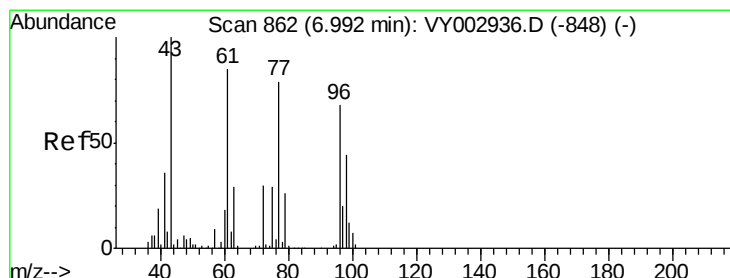
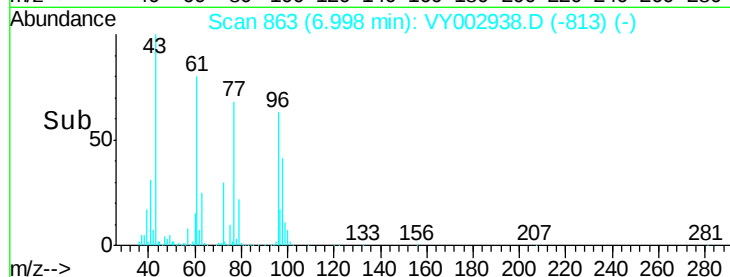
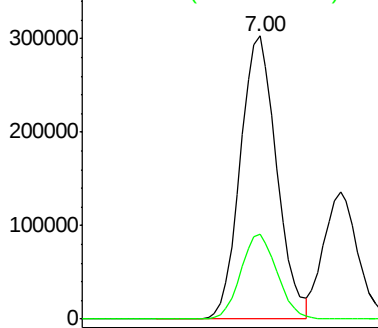
MMDadoda

6/22/2020 2:06:58 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 136.229 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002938.D

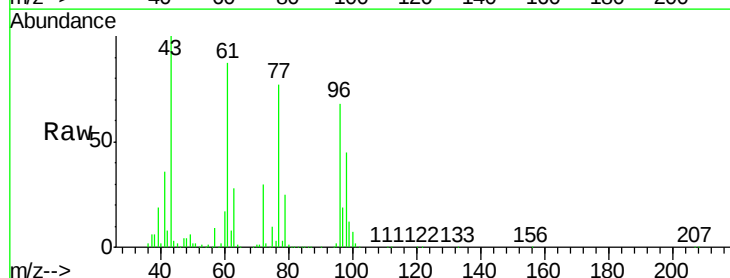
Acq: 19 Jun 2020 14:47

Tgt Ion: 77 Resp: 688858

Ion Ratio Lower Upper

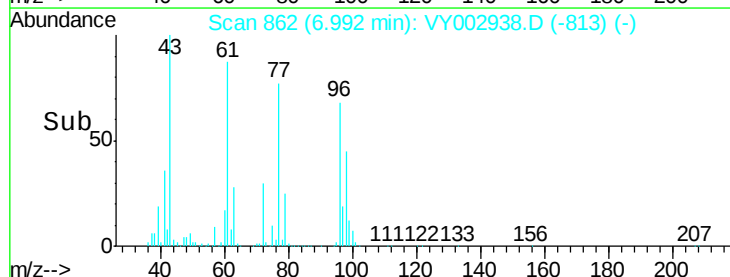
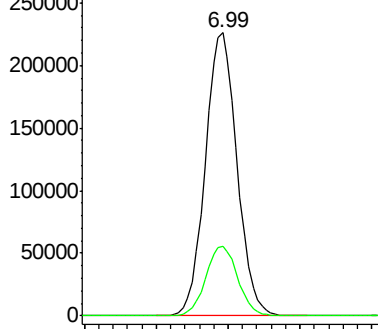
77 100

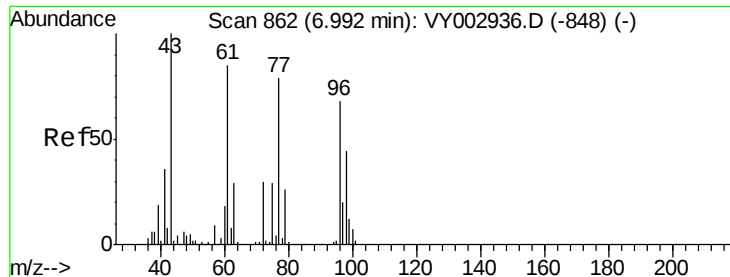
97 24.8 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

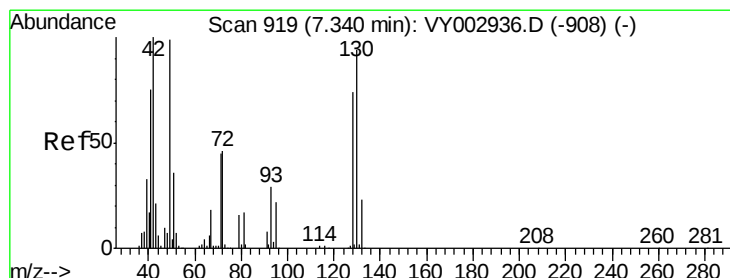
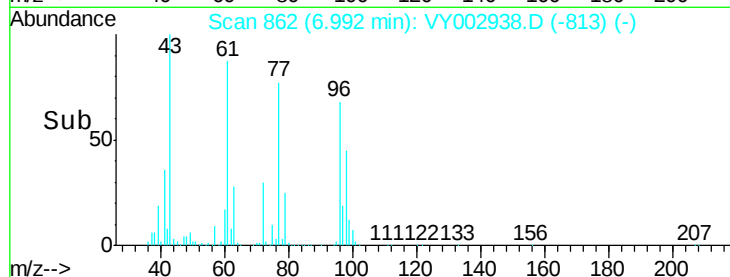
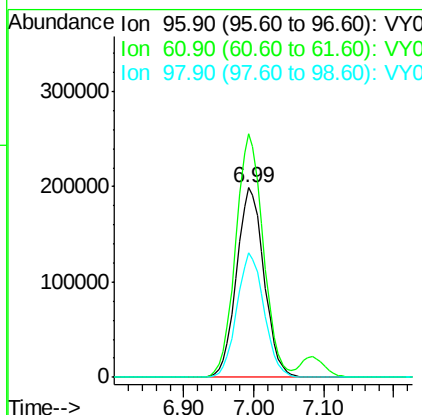
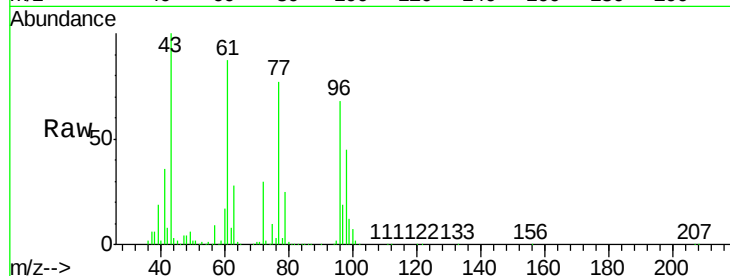
cis-1,2-Dichloroethene
Concen: 143.843 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	543889		
61	128.7		0.0	257.0
98	64.8		0.0	129.8

Manual Integrations
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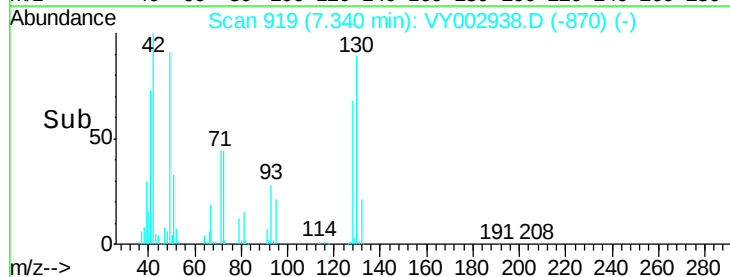
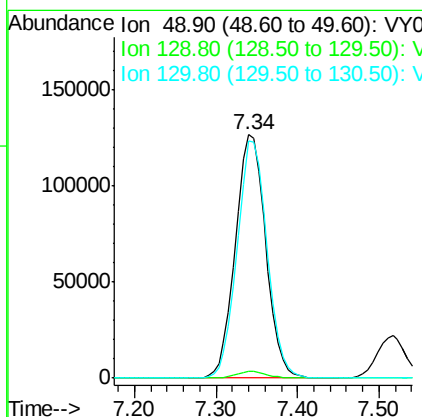
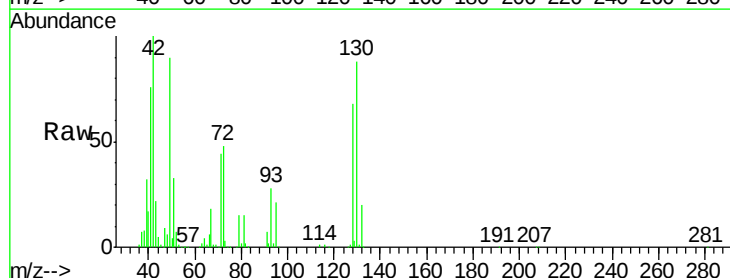
MMDadoda
6/22/2020 2:06:58 PM

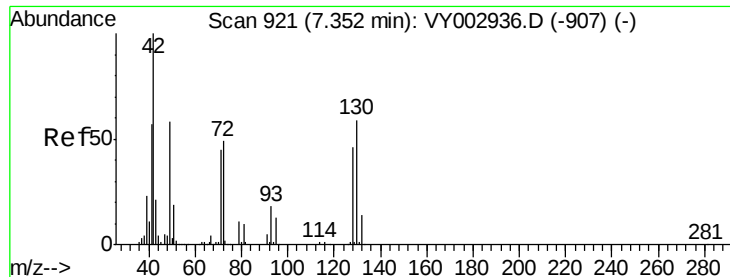


#28

Bromochloromethane
Concen: 147.379 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	326271		
129	2.7		0.0	5.0
130	96.4		78.4	117.6





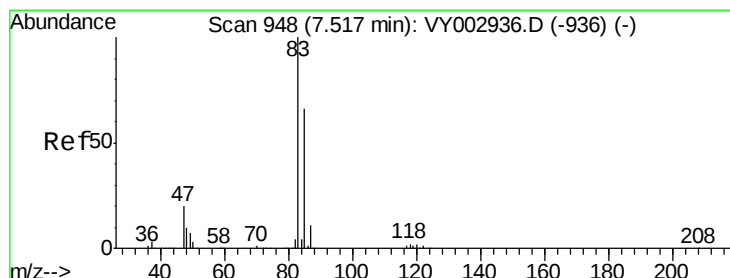
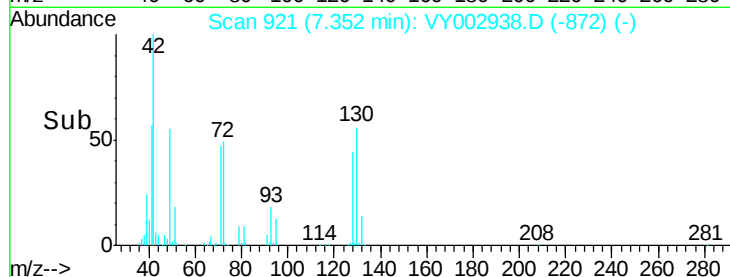
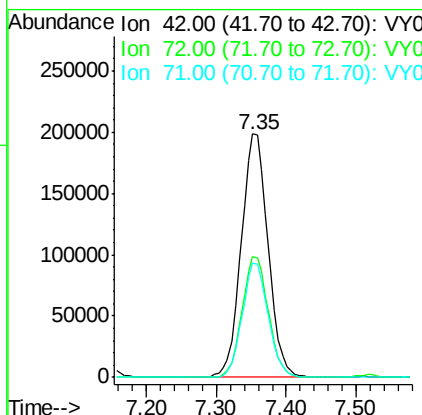
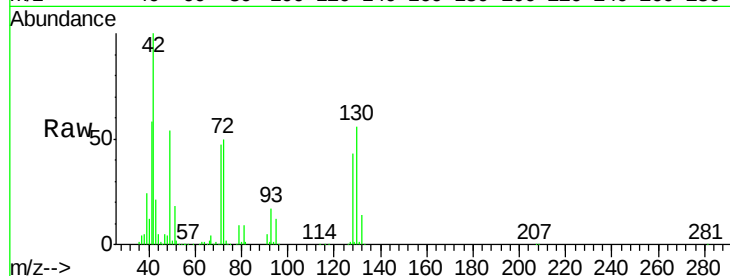
#29
Tetrahydrofuran
Concen: 731.989 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.1	58.7
71	45.6	36.4	54.6

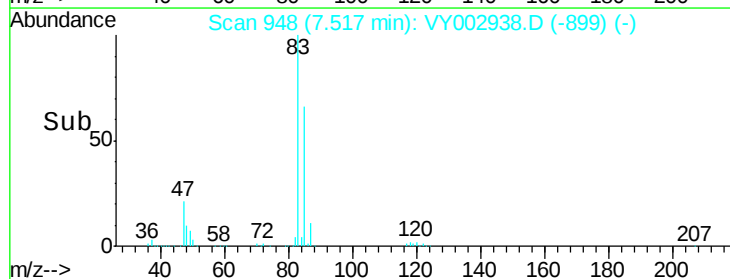
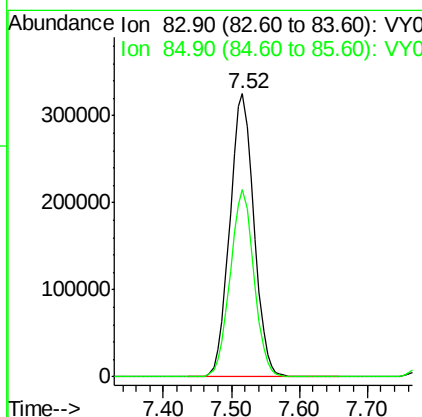
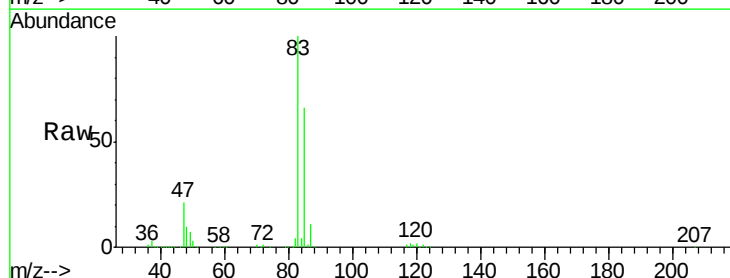
Manual Integrations
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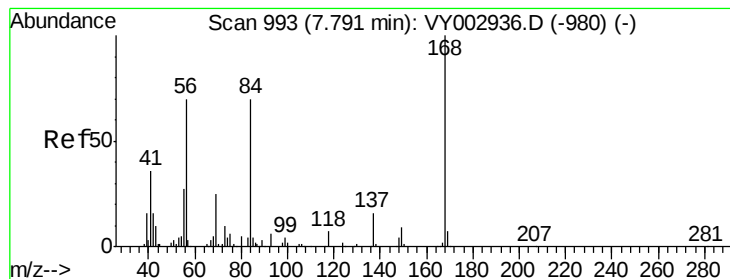
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#30
Chloroform
Concen: 143.074 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.1	79.7





#31

Cyclohexane

Concen: 137.586 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

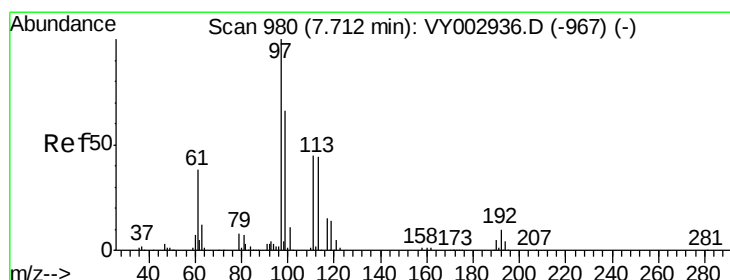
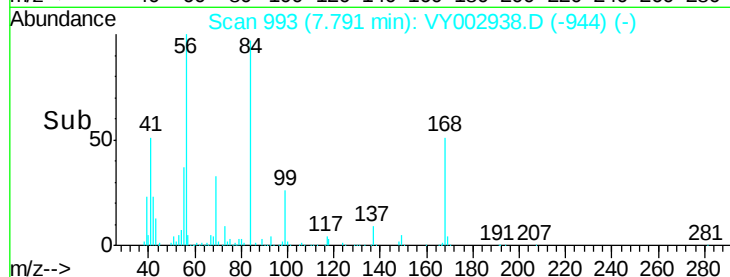
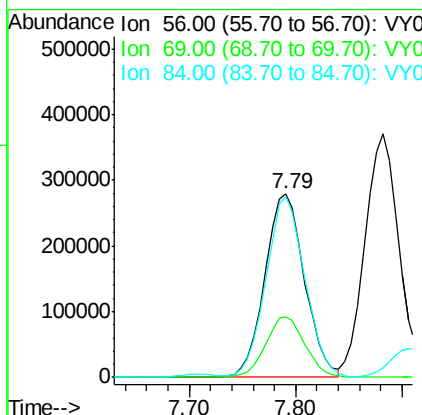
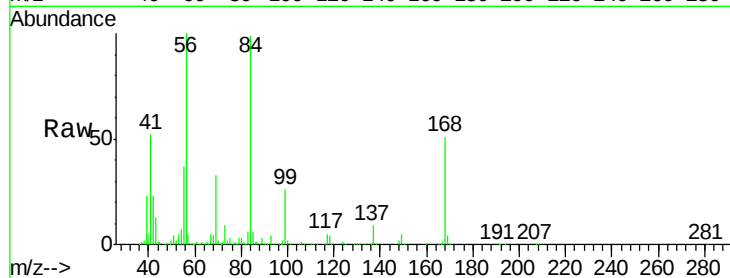
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	723462
Ion Ratio	Lower	Upper	
56	100		
69	33.2	28.9	43.3
84	97.1	80.1	120.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 144.498 ug/l

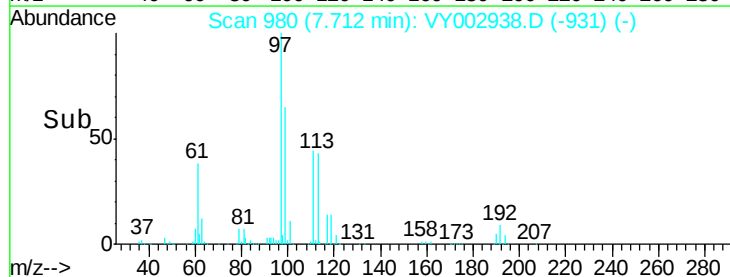
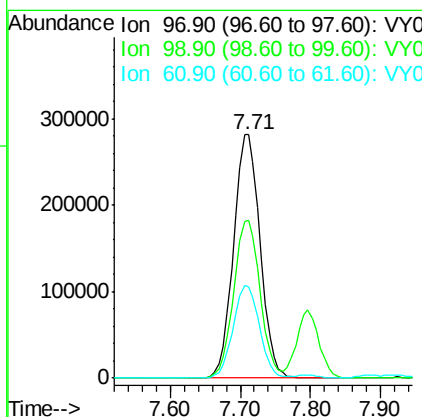
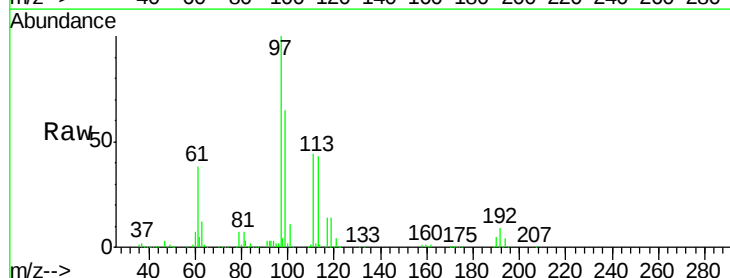
RT: 7.71 min Scan# 980

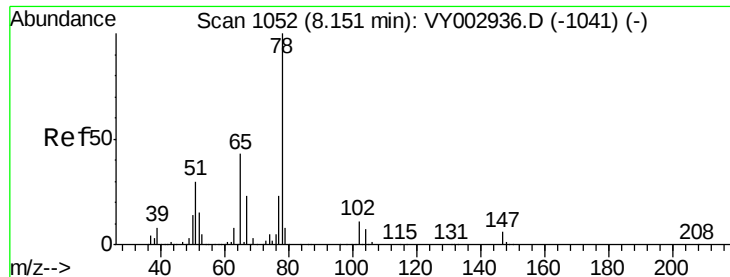
Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion:	97	Resp:	739550
Ion Ratio	Lower	Upper	
97	100		
99	64.8	52.2	78.2
61	37.9	30.3	45.5





#33

1,2-Dichloroethane-d4

Concen: 143.223 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 436013

Ion Ratio Lower Upper

65 100

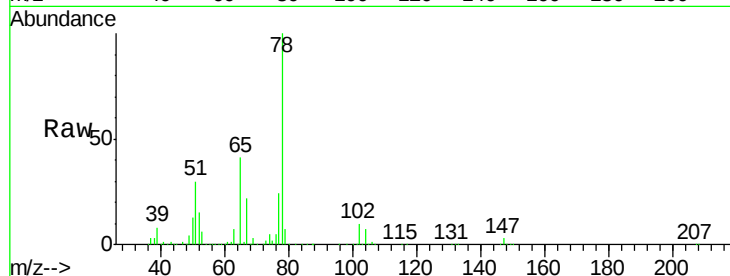
67 53.9 0.0 109.4

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Abundance Ion 64.90 (64.60 to 65.60): VY002938.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002938.D (-1041) (-)

8.15

200000

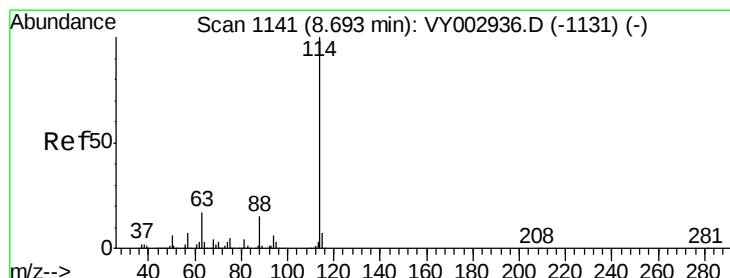
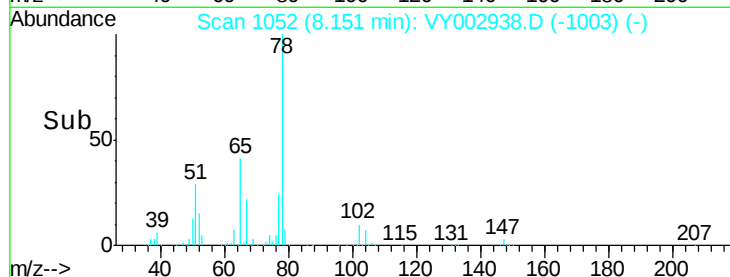
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

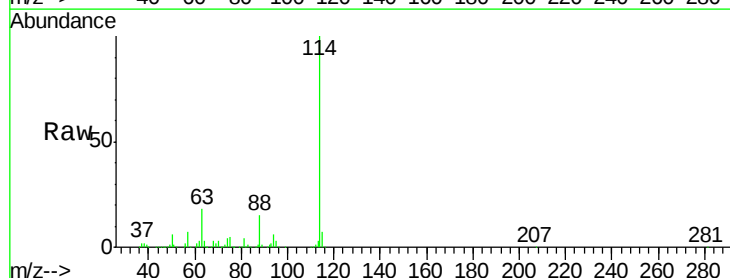
Tgt Ion: 114 Resp: 542730

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.6

88 14.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VY002938.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY002938.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY002938.D (-1131) (-)

8.69

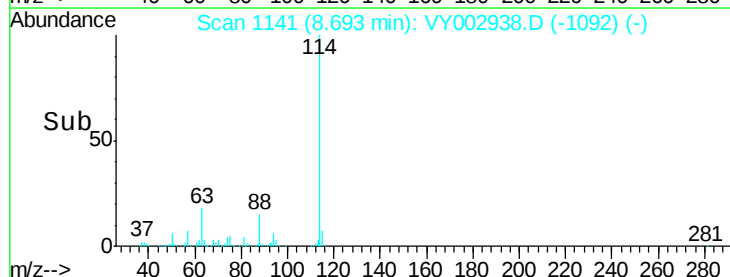
300000

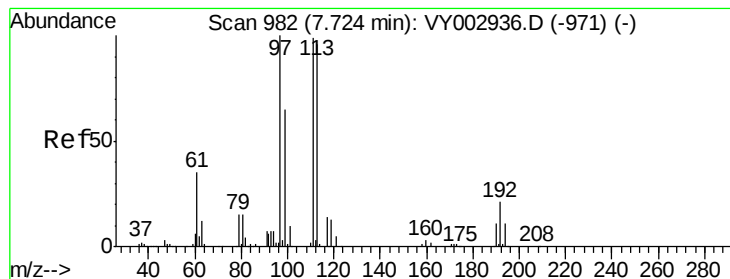
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 142.360 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

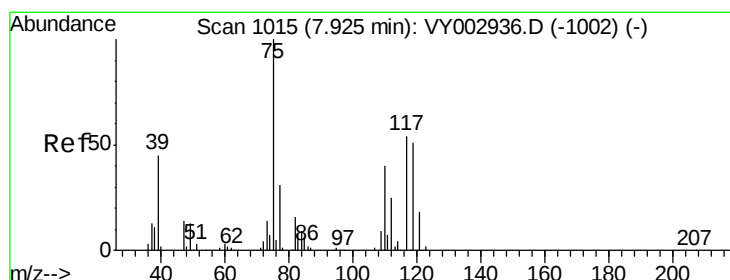
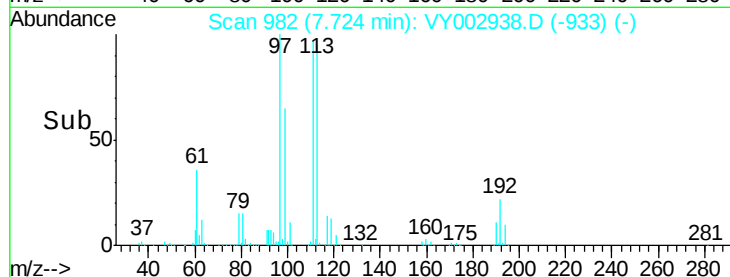
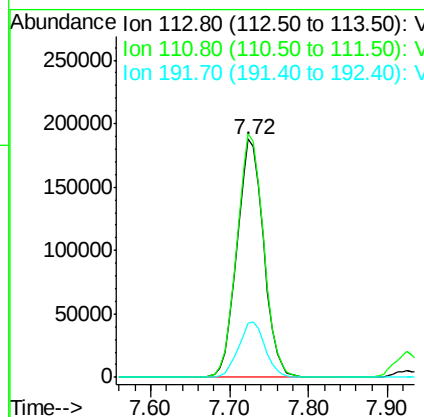
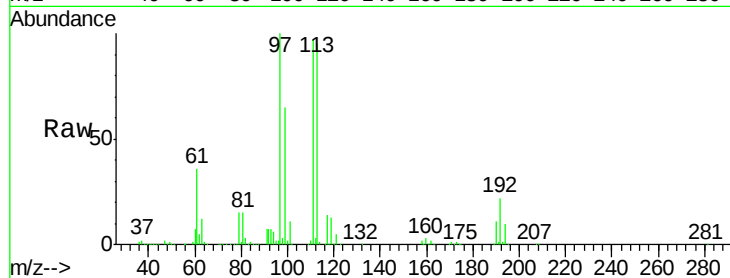
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	442216
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.5	122.3
192	23.2	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 144.428 ug/l

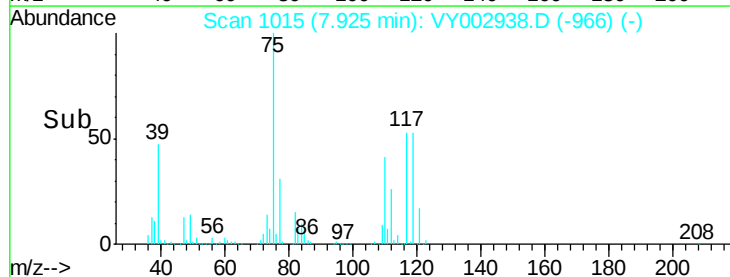
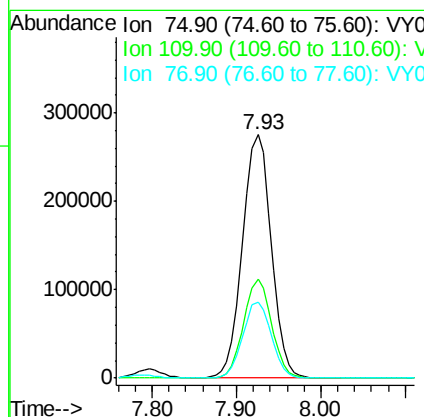
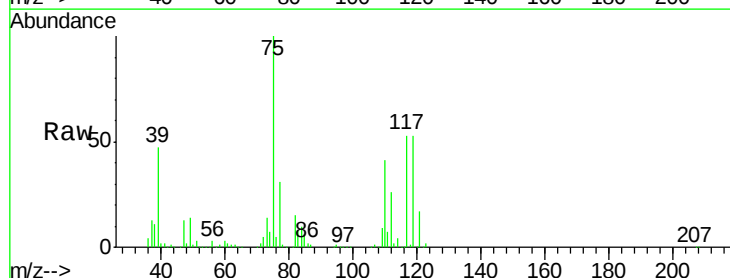
RT: 7.93 min Scan# 1015

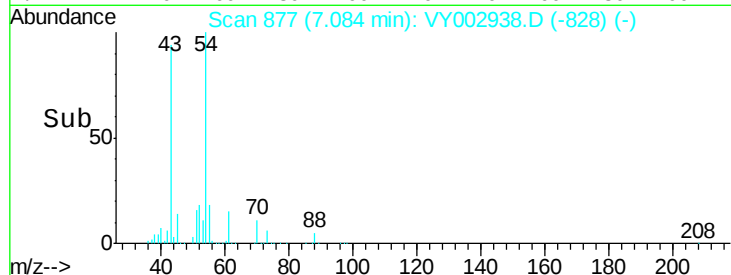
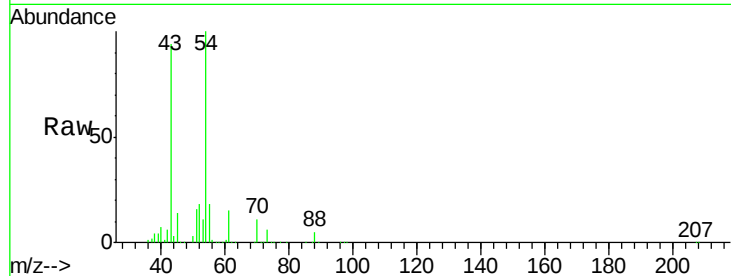
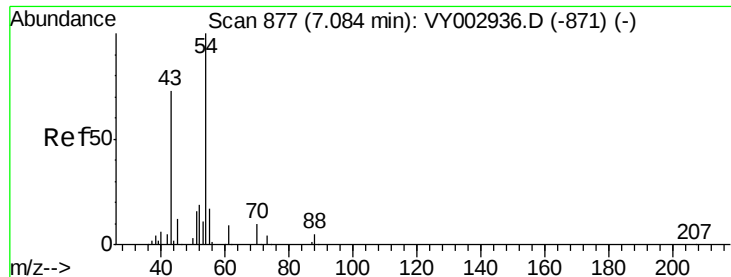
Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion:	75	Resp:	635178
Ion Ratio	Lower	Upper	
75	100		
110	39.4	19.7	59.0
77	31.2	25.0	37.4





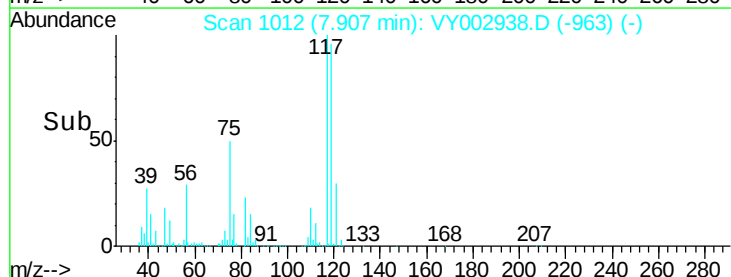
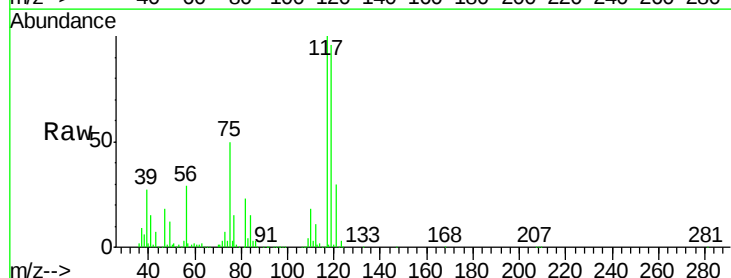
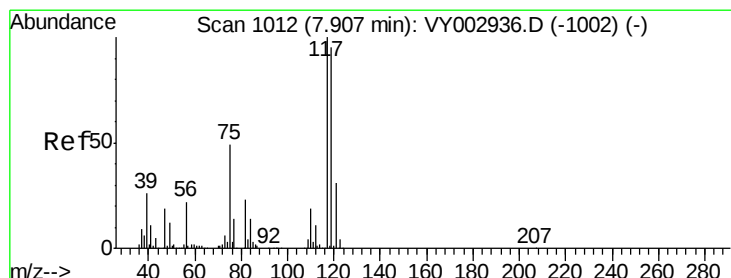
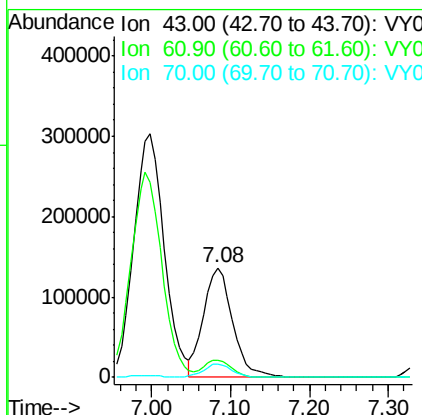
#37
Ethyl Acetate
Concen: 141.784 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.3	18.5
70	11.9	9.7	14.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

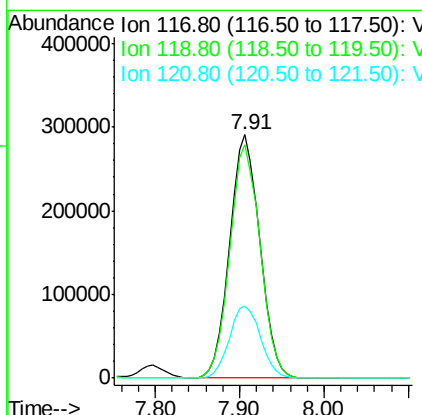
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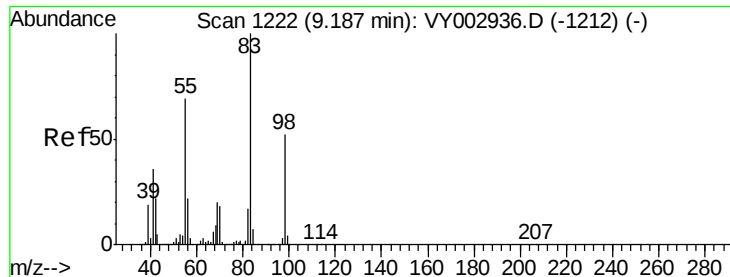
MMDadoda
6/22/2020 2:06:58 PM



#38
Carbon Tetrachloride
Concen: 145.960 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.1	114.1
121	29.7	24.8	37.2





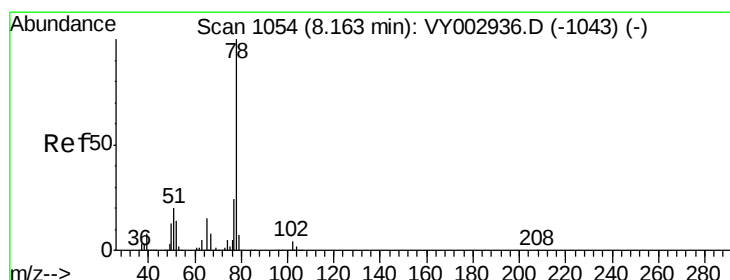
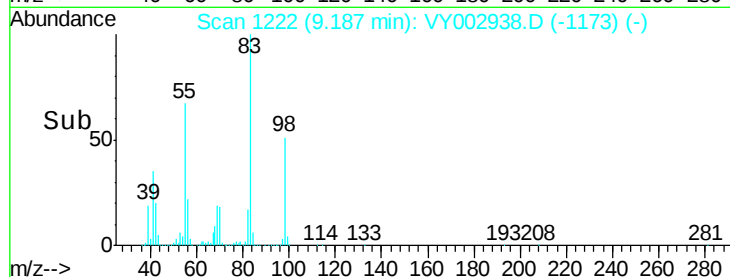
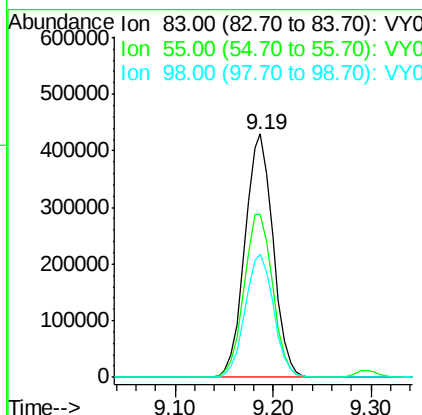
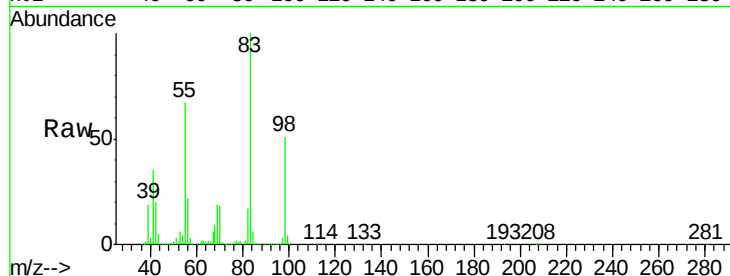
#39
Methvlcvclohexane
Concen: 149.201 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.9	55.0	82.4
98	50.5	41.4	62.2

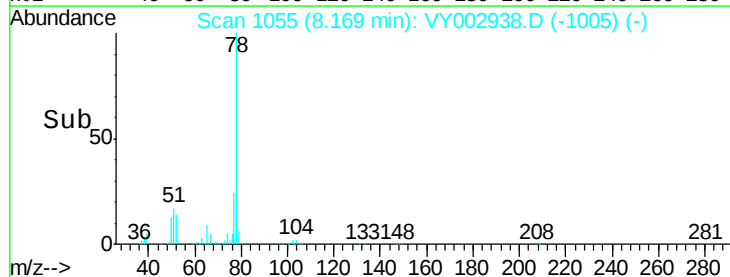
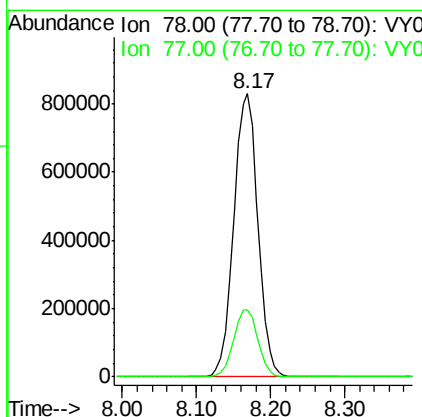
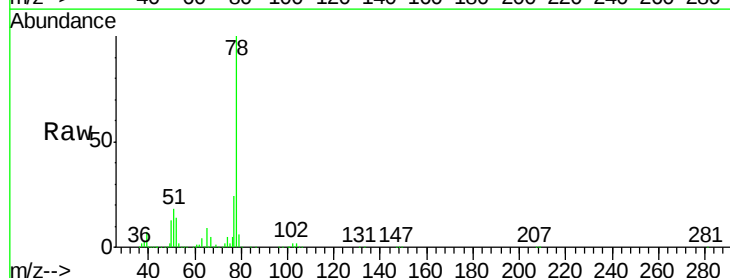
Manual Integrations
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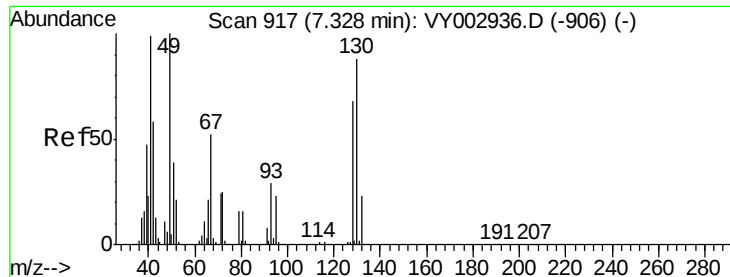
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#40
Benzene
Concen: 143.144 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





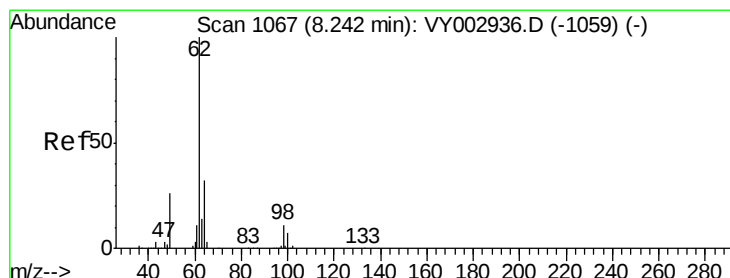
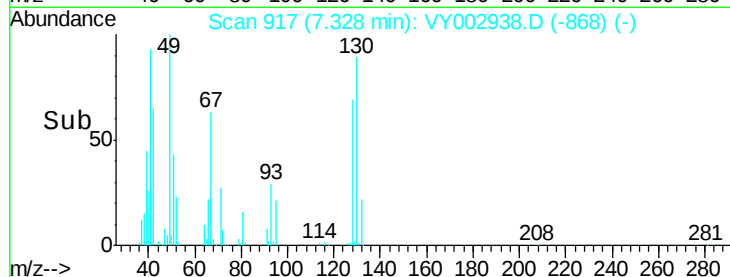
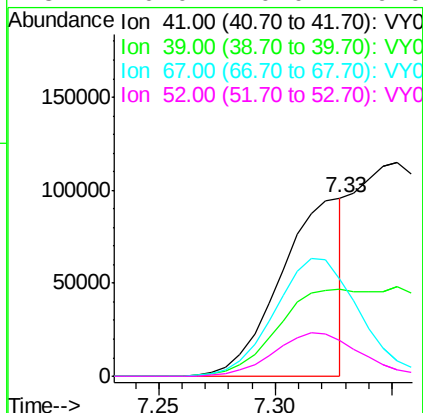
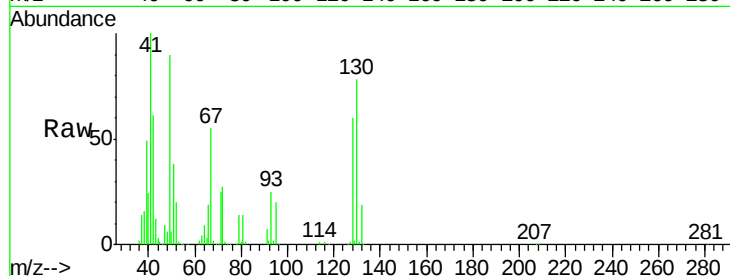
#41
Methacrylonitrile
Concen: 80.538 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	180080
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

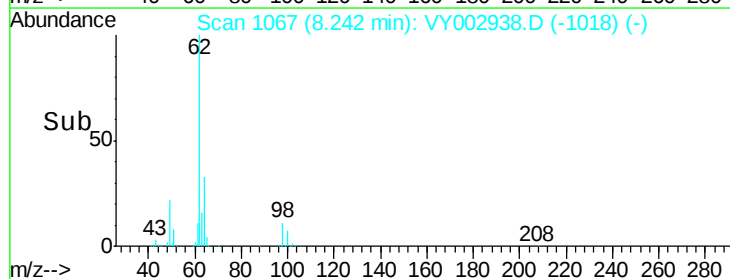
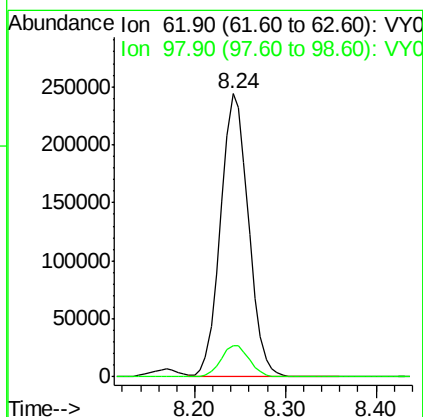
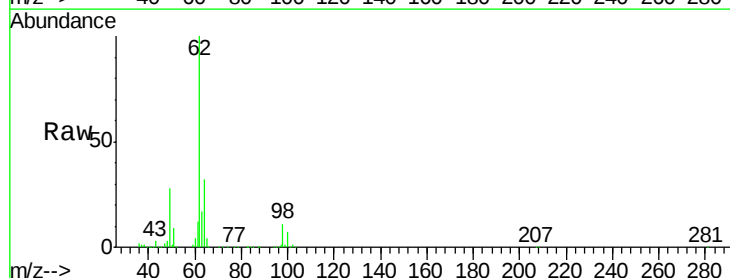
Manual Integrations
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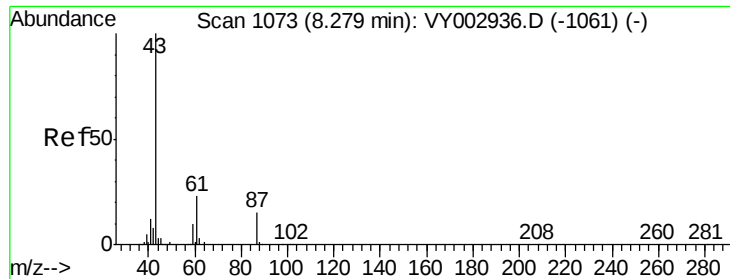
MMDadoda
6/22/2020 2:06:58 PM



#42
1,2-Dichloroethane
Concen: 143.185 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	62	Resp	523447
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.6





#43

Isopropyl Acetate

Concen: 148.823 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

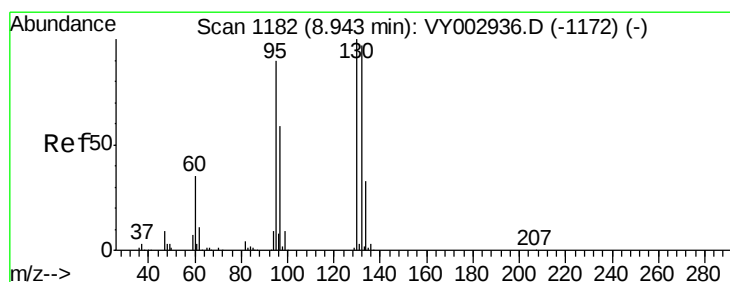
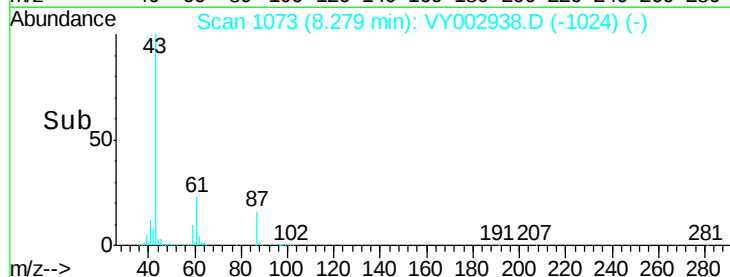
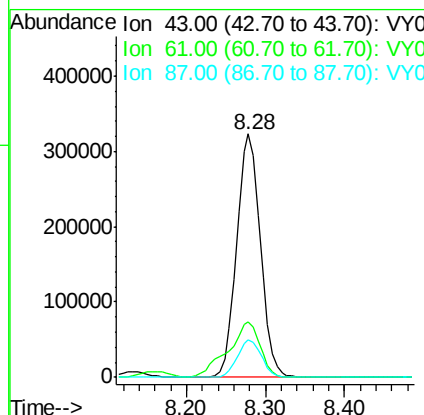
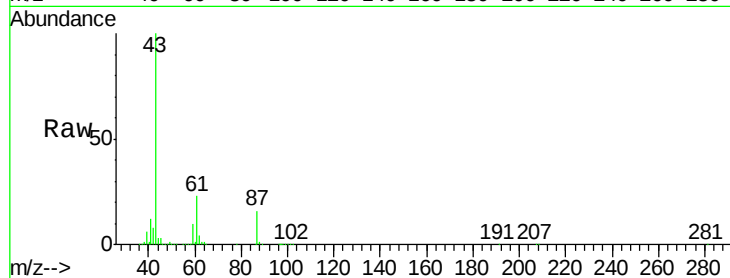
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	674084
Ion	Ratio	Lower	Upper
43	100		
61	30.9	25.0	37.4
87	15.8	12.6	18.8

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6/22/2020 2:06:58 PM



#44

Trichloroethene

Concen: 141.938 ug/l

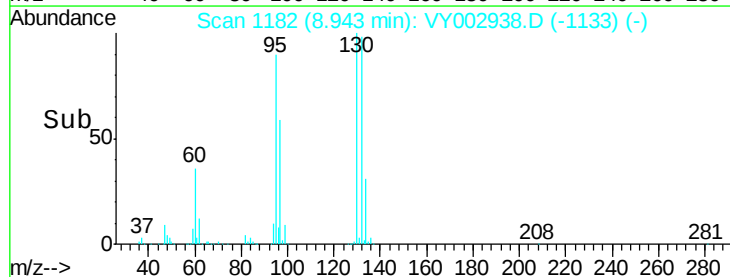
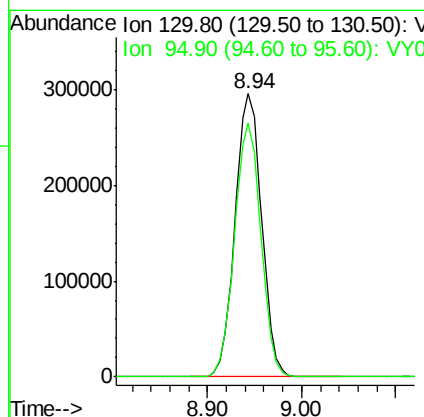
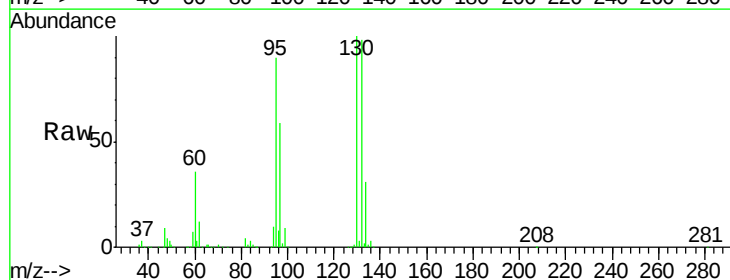
RT: 8.94 min Scan# 1182

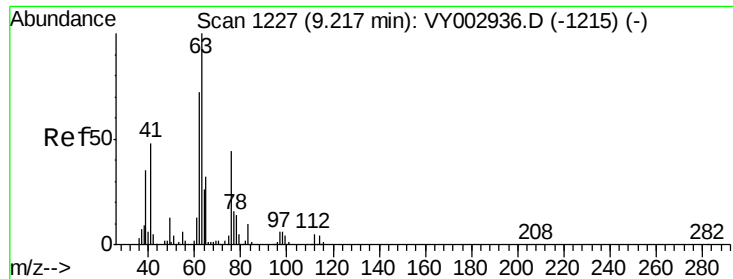
Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion:	130	Resp:	579790
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	179.6





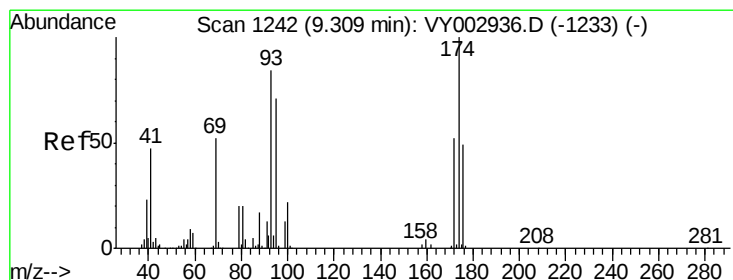
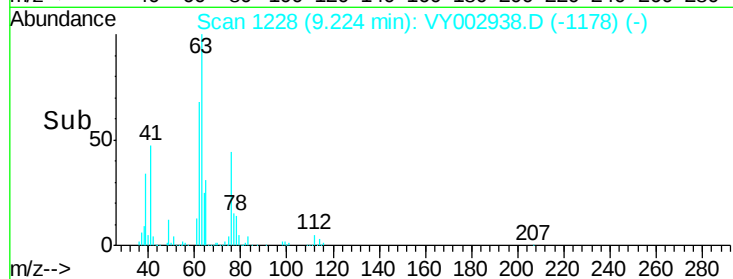
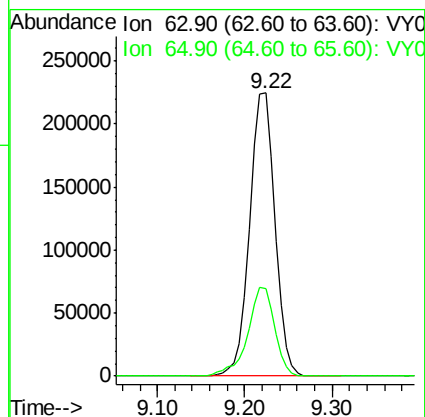
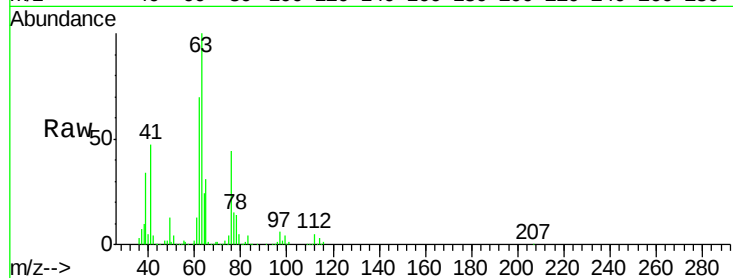
#45
 1,2-Dichloropropane
 Concen: 141.995 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.5	38.3

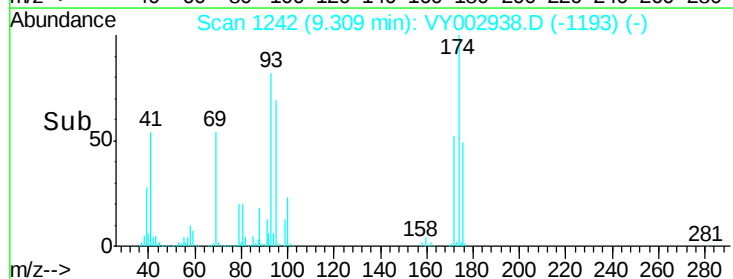
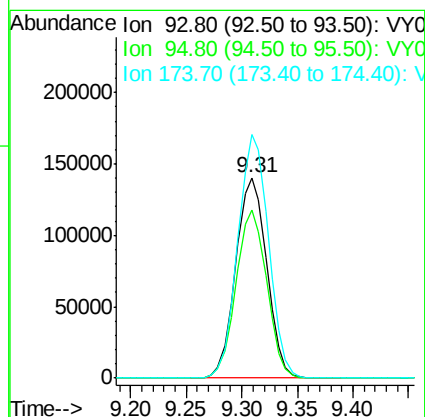
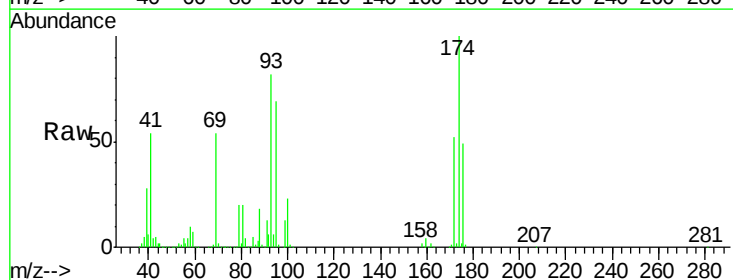
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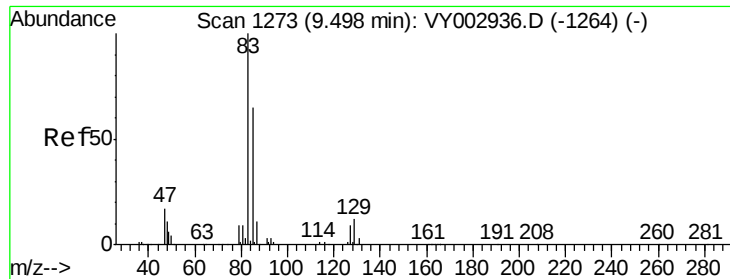
MMDadoda
 6/22/2020 2:06:58 PM



#46
 Dibromomethane
 Concen: 142.811 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.4	99.6
174	120.8	95.1	142.7





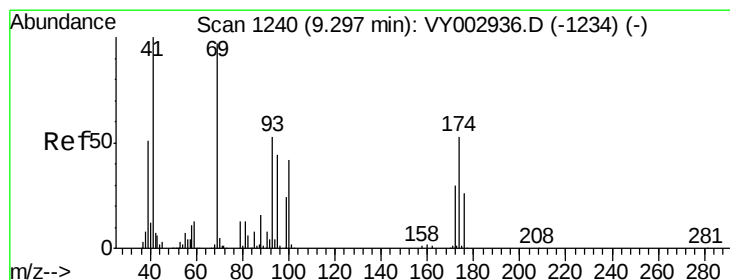
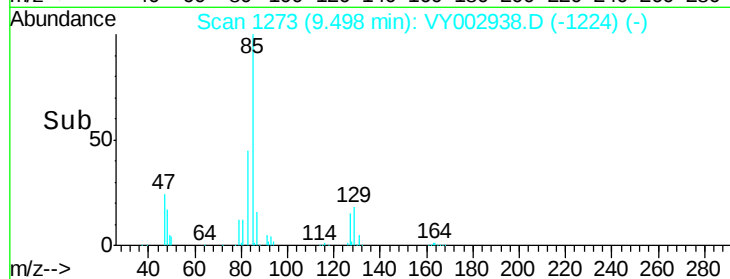
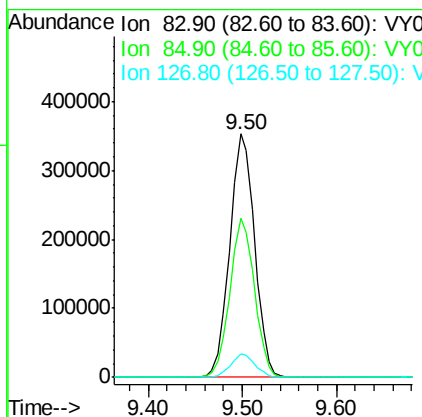
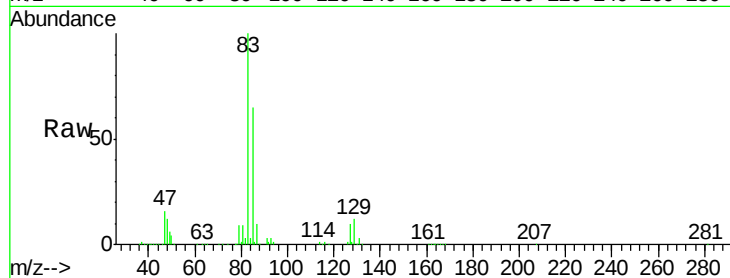
#47
Bromodichloromethane
Concen: 147.175 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion:	83	Resp:	644134
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9
127	9.6	7.4	11.0

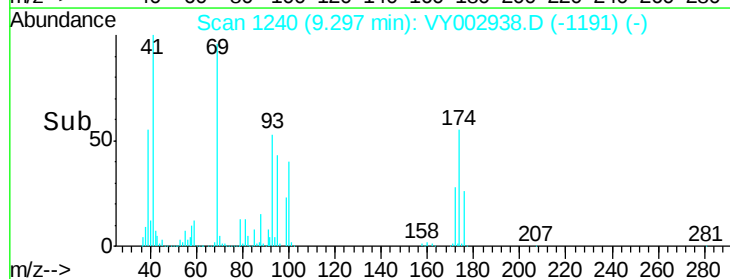
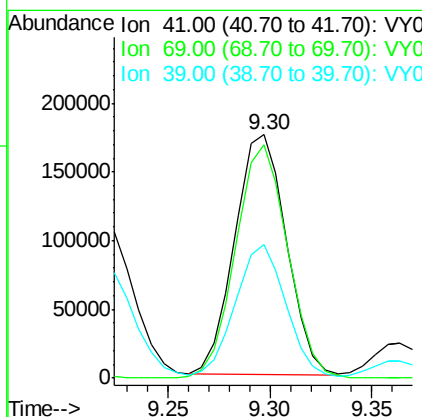
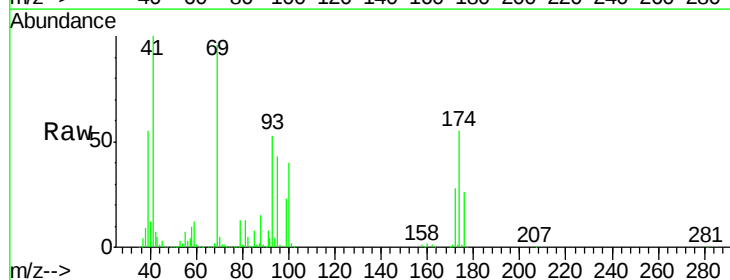
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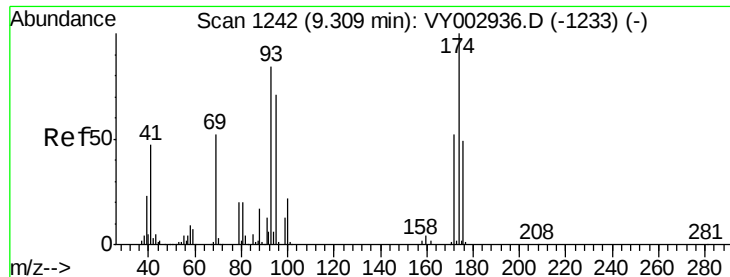
MMDadoda
6/22/2020 2:06:58 PM



#48
Methyl methacrylate
Concen: 152.708 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion:	41	Resp:	307642
Ion	Ratio	Lower	Upper
41	100		
69	97.7	79.4	119.0
39	54.8	41.1	61.7





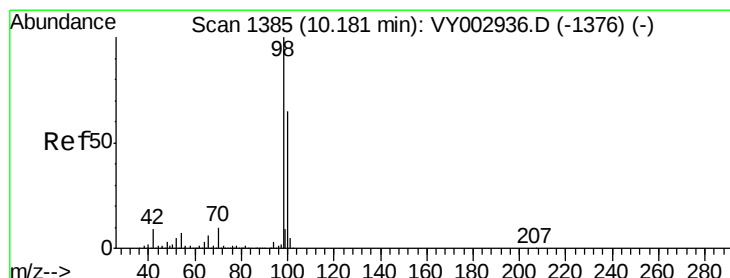
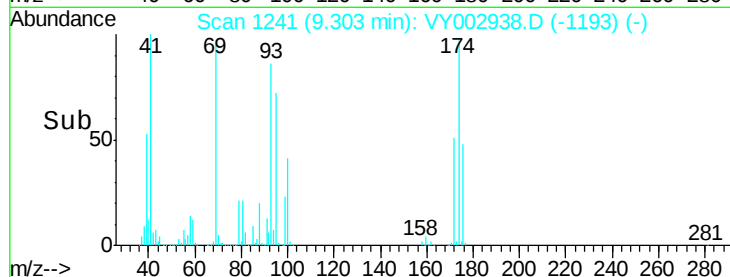
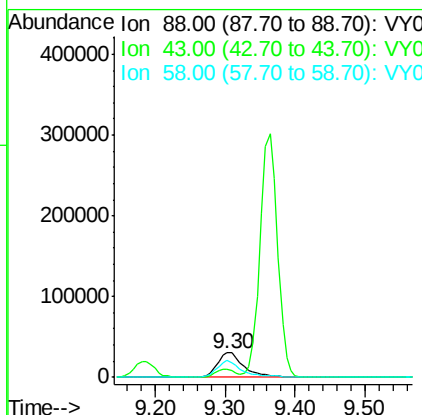
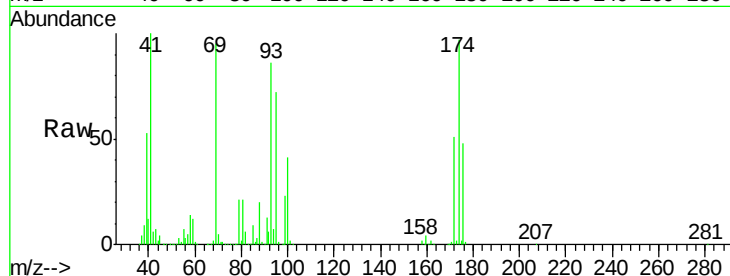
#49
1,4-Dioxane
Concen: 2963.955 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.9	21.0	31.6
58	64.9	51.5	77.3

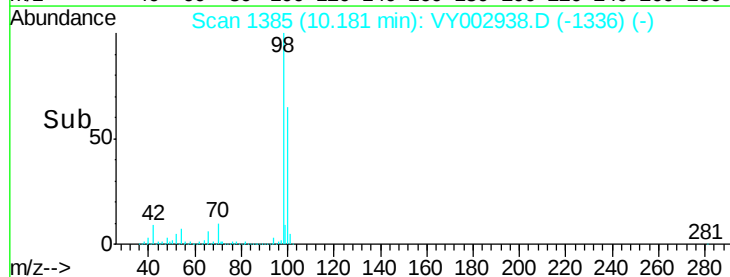
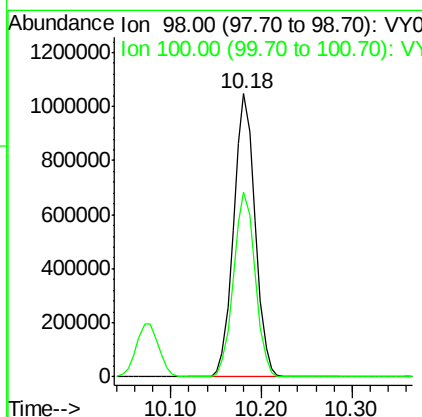
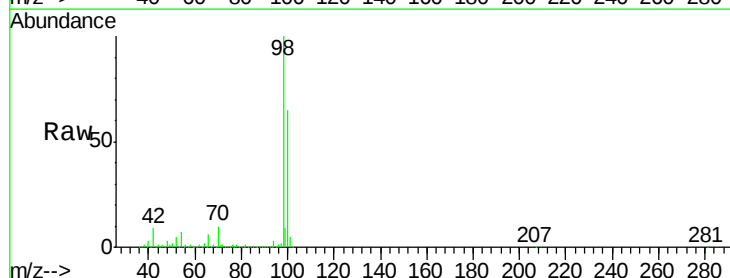
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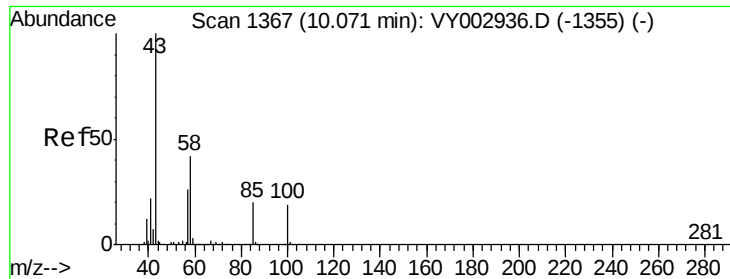
MMDadoda
6/22/2020 2:06:58 PM



#50
Toluene-d8
Concen: 142.079 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9





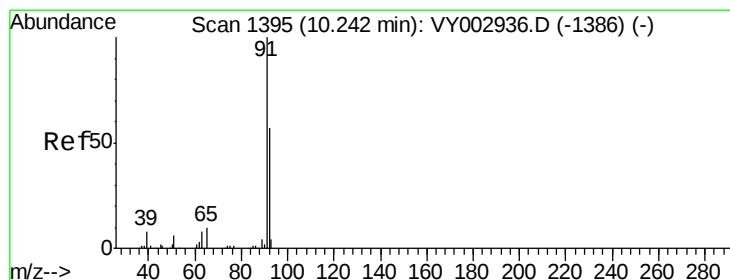
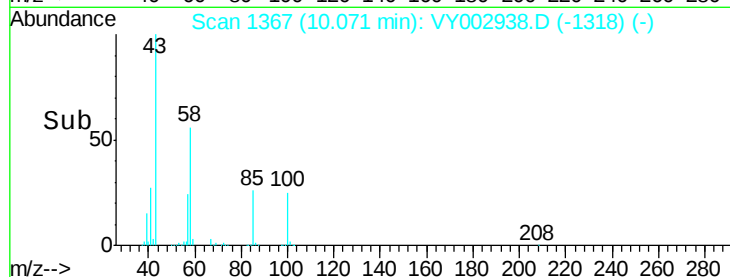
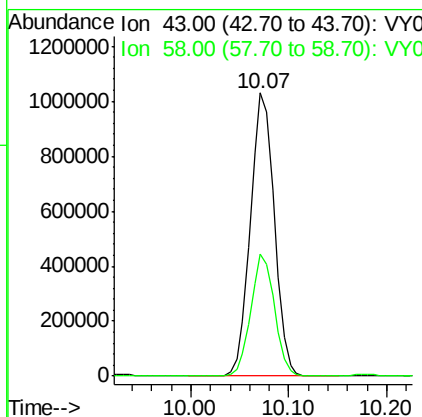
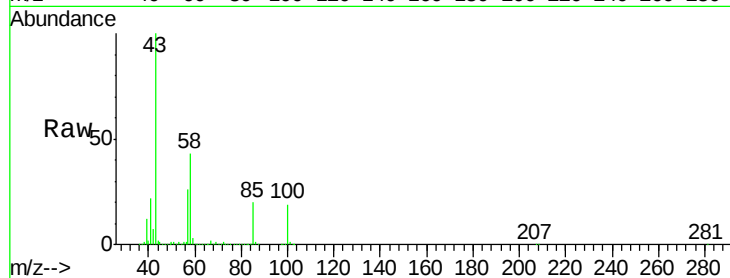
#51
4-Methyl-2-Pentanone
Concen: 722.756 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1748739
Ion Ratio Lower Upper
43 100
58 42.6 33.9 50.9

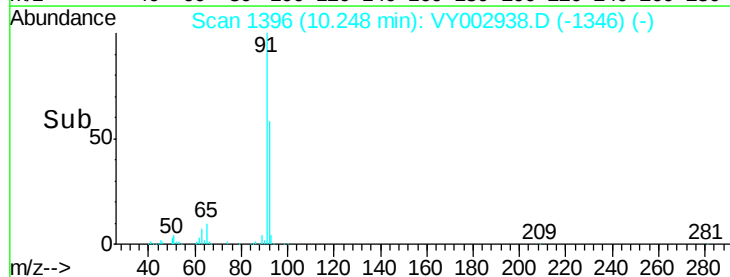
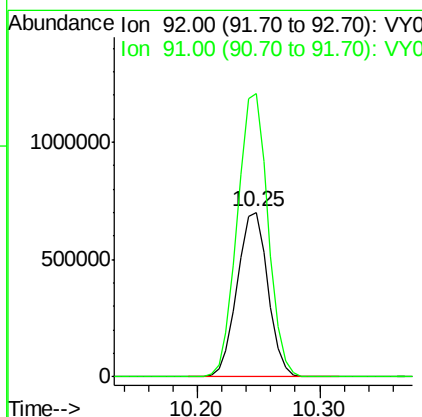
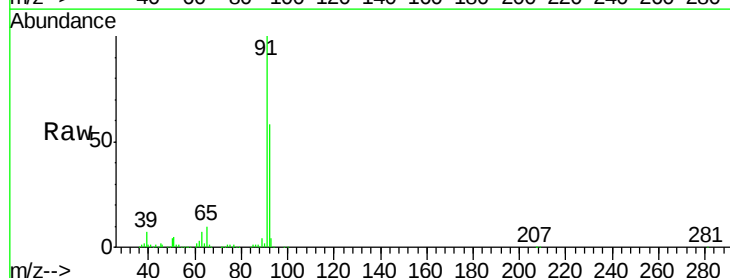
Manual Integrations
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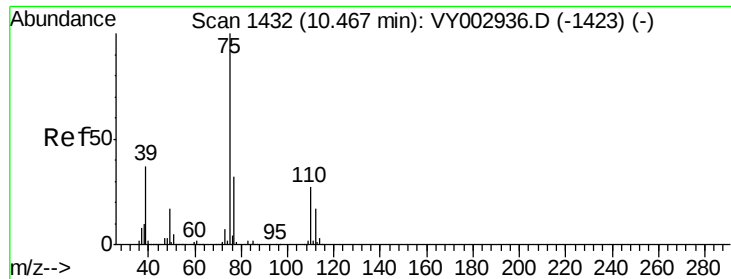
MMDadoda
6/22/2020 2:06:58 PM



#52
Toluene
Concen: 143.393 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 92 Resp: 1218448
Ion Ratio Lower Upper
92 100
91 171.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 148.060 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 701951

Ion Ratio Lower Upper

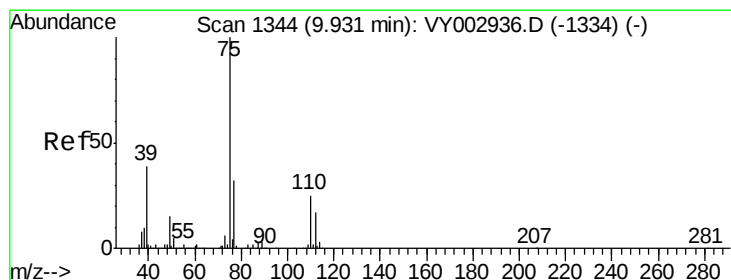
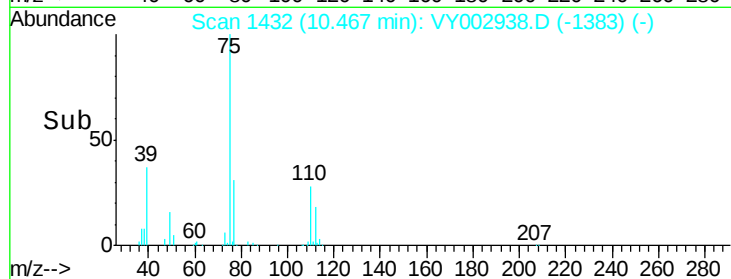
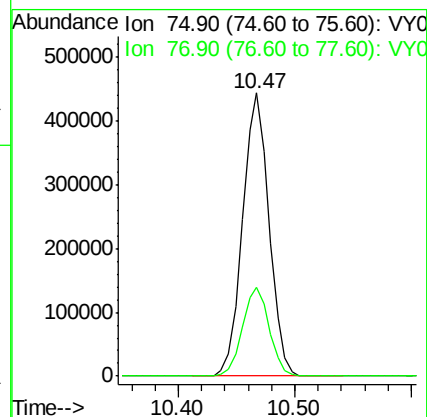
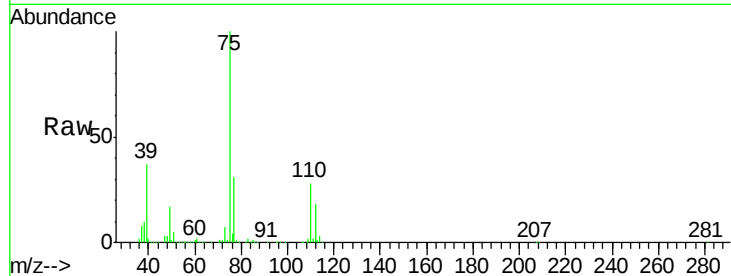
75 100

77 31.3 25.3 37.9

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 147.799 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

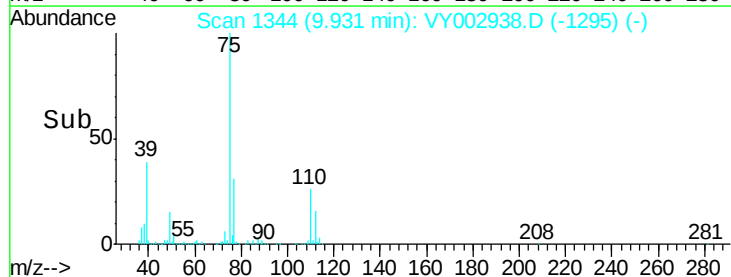
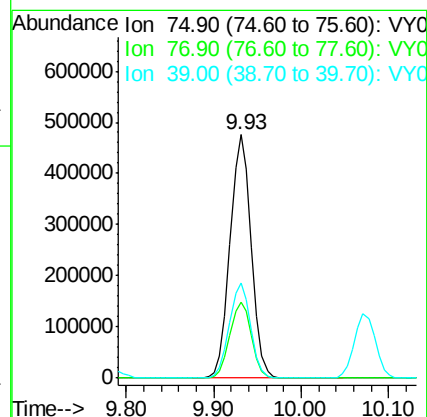
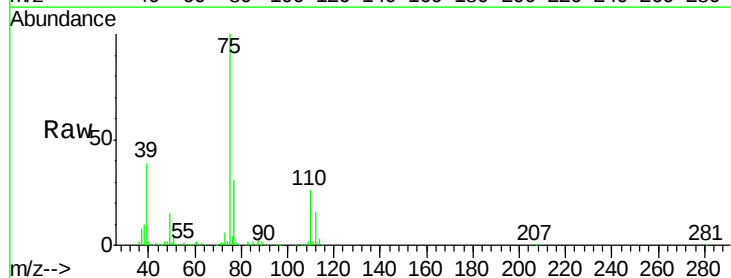
Tgt Ion: 75 Resp: 794956

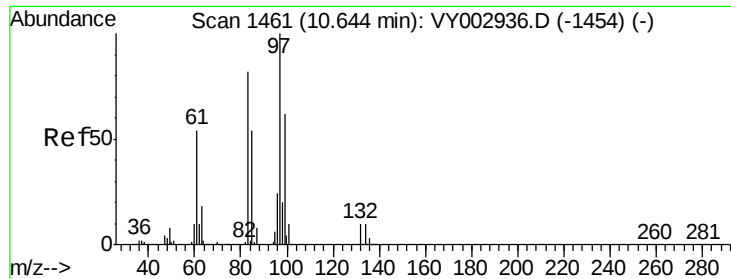
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2

39 38.9 31.4 47.0





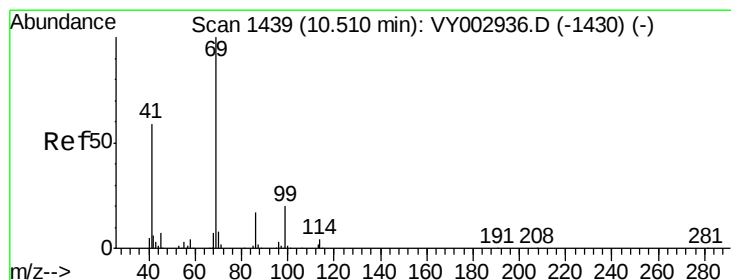
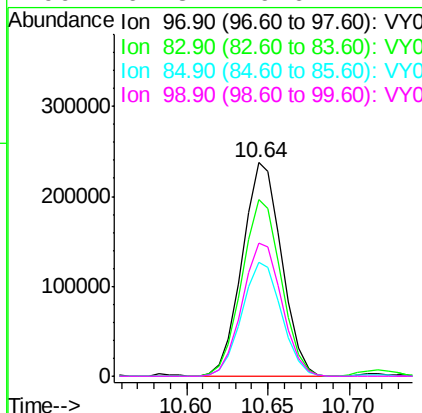
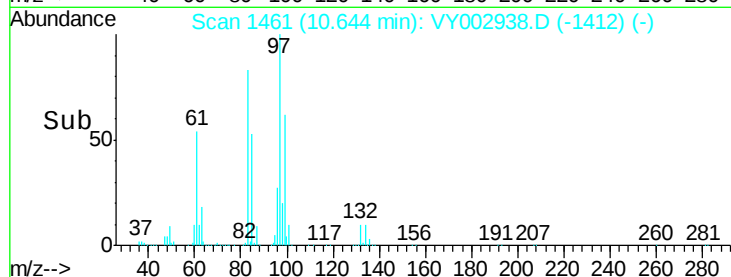
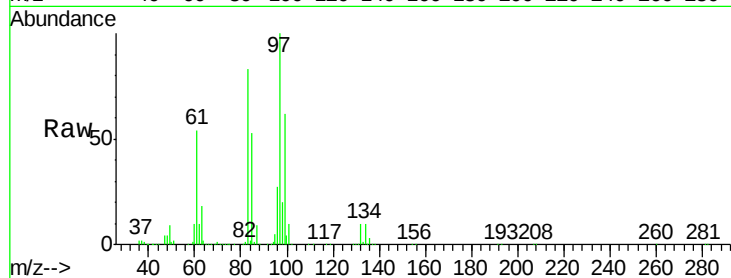
#55
 1,1,2-Trichloroethane
 Concen: 141.070 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	97	Resp	399574
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.9	98.9
85	53.1	43.1	64.7
99	62.3	49.6	74.4

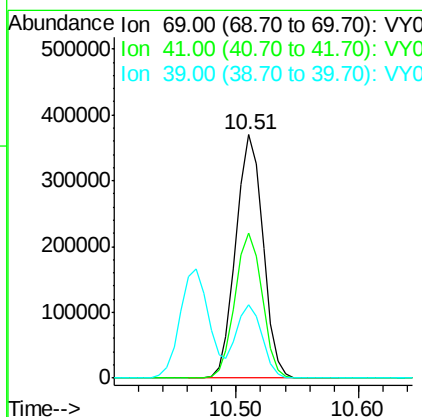
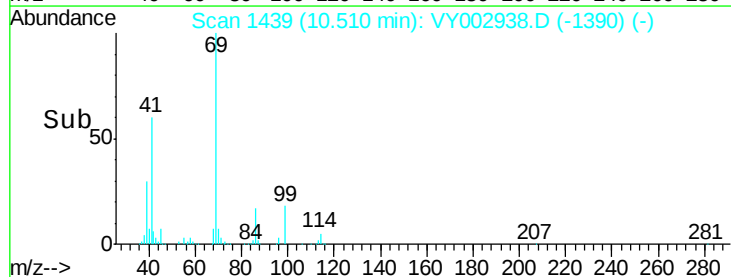
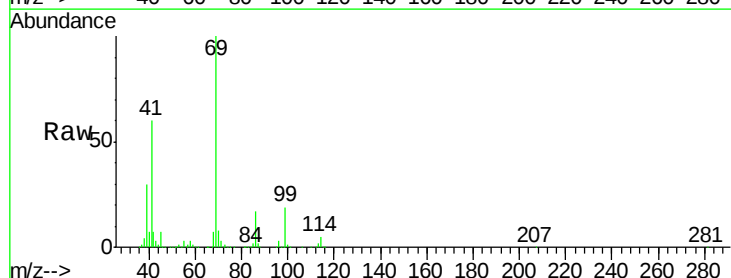
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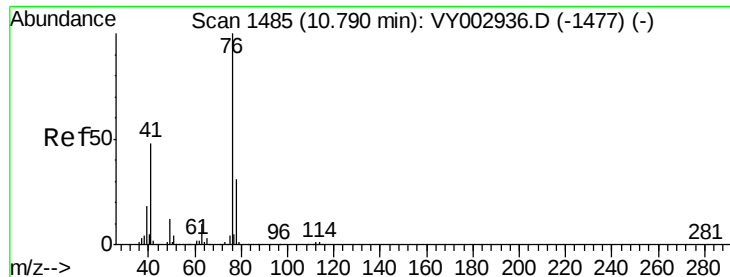
MMDadoda
 6/22/2020 2:06:58 PM



#56
 Ethyl methacrylate
 Concen: 152.287 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion	69	Resp	568137
Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.4	69.6
39	28.2	21.4	32.0





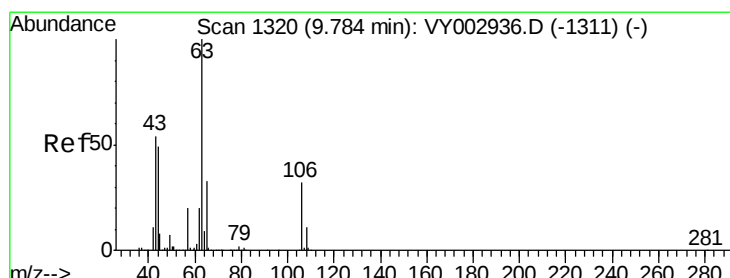
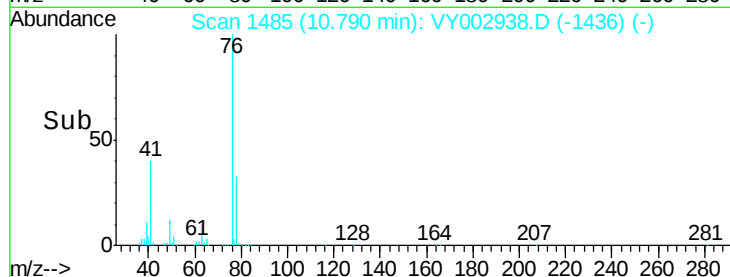
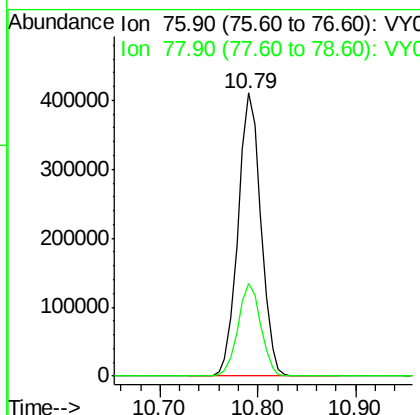
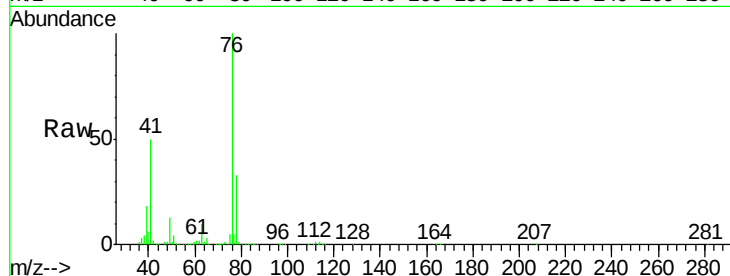
#57
 1,3-Dichloropropane
 Concen: 140.625 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.4	38.2

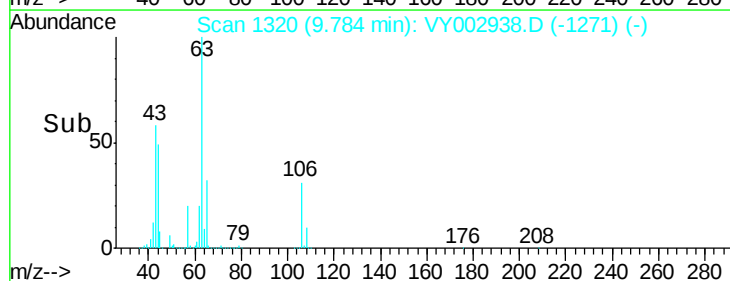
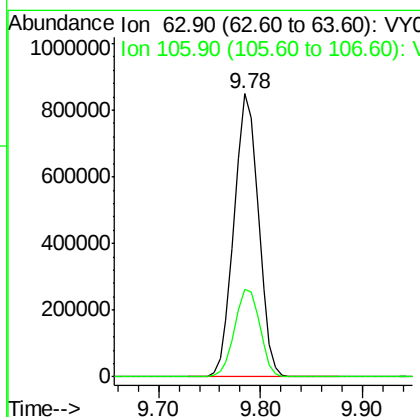
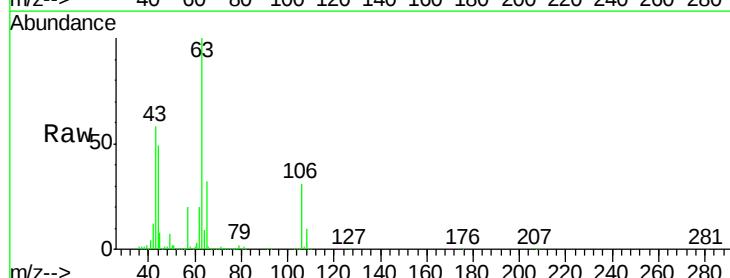
Manual Integrations
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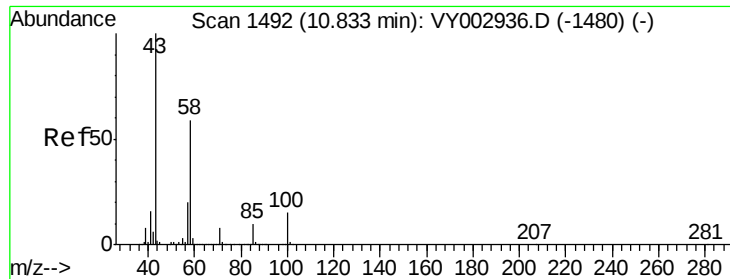
MMDadoda
 6/22/2020 2:06:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 750.641 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	25.6	38.4





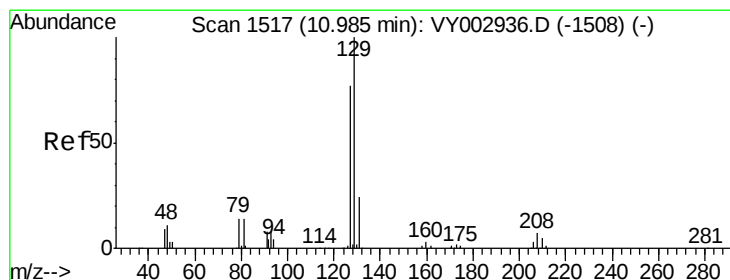
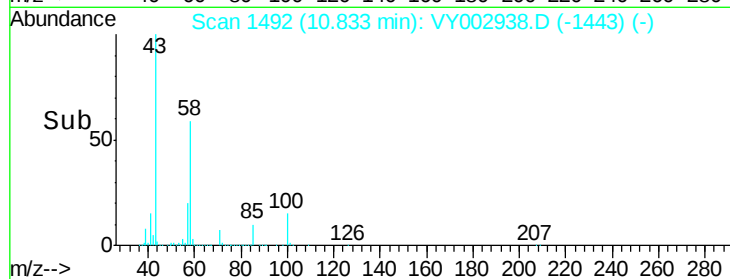
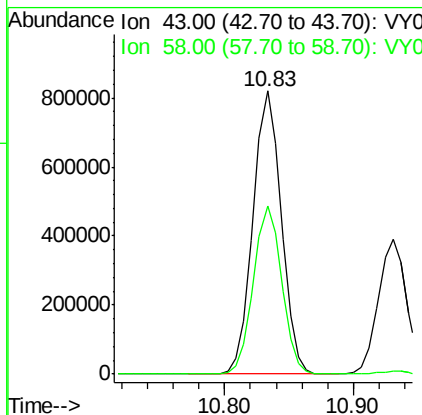
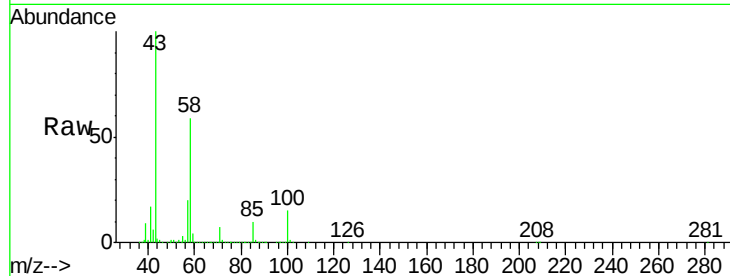
#59
2-Hexanone
Concen: 733.304 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1239940
Ion Ratio Lower Upper
43 100
58 59.5 29.7 89.1

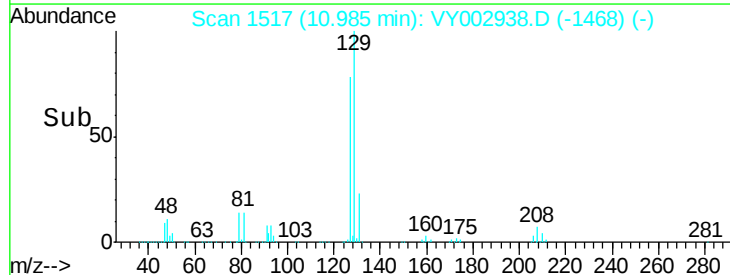
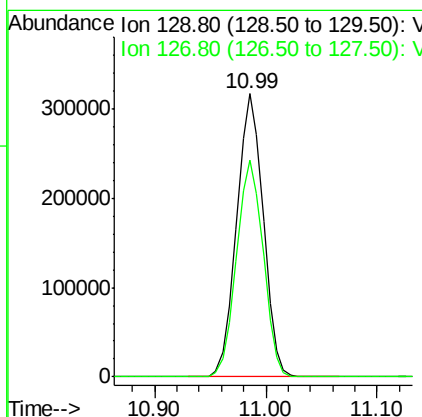
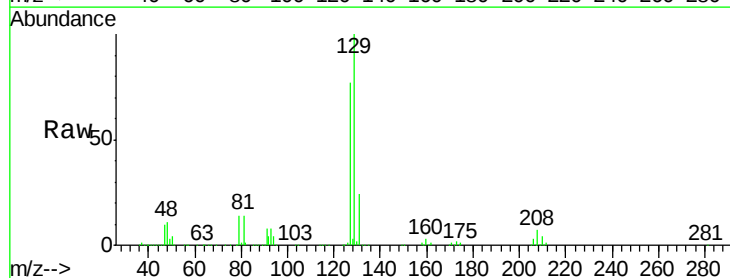
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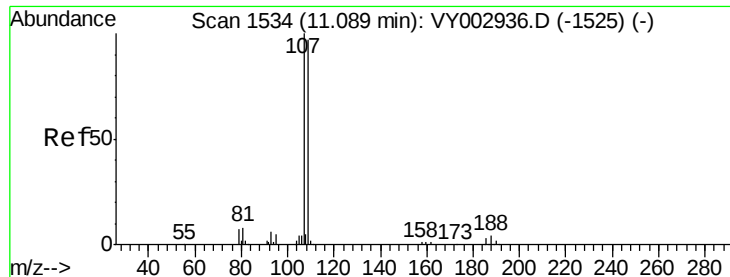
MMDadoda
6/22/2020 2:06:58 PM



#60
Dibromochloromethane
Concen: 145.976 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 129 Resp: 522123
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





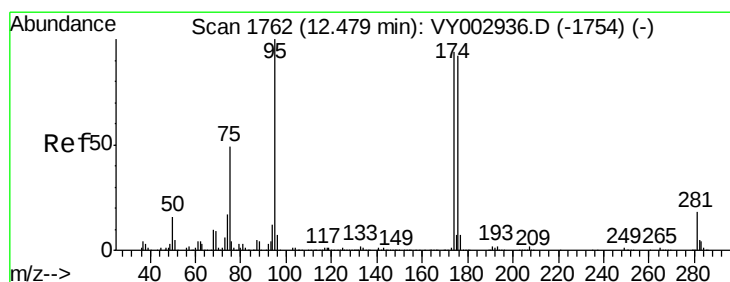
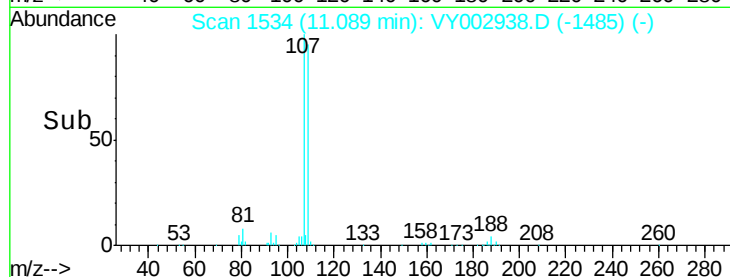
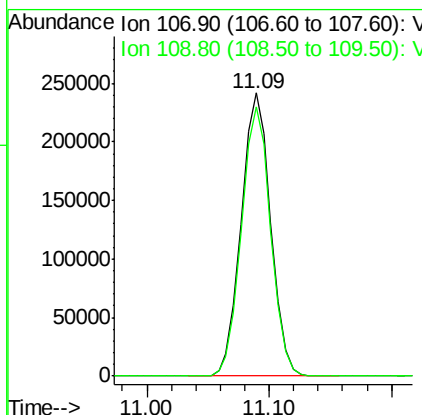
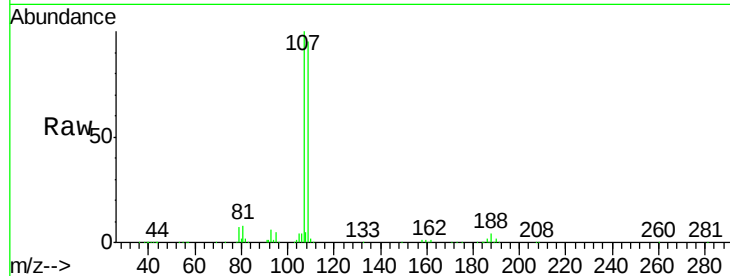
#61
1,2-Dibromoethane
Concen: 143.674 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	76.6	114.8

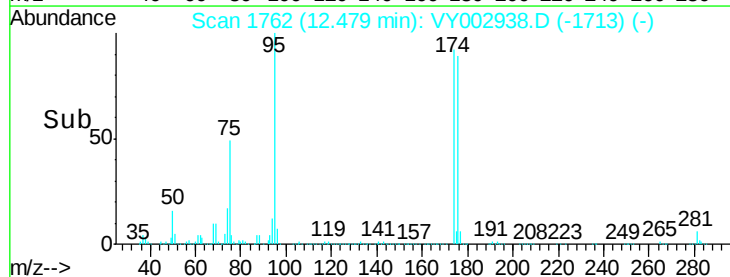
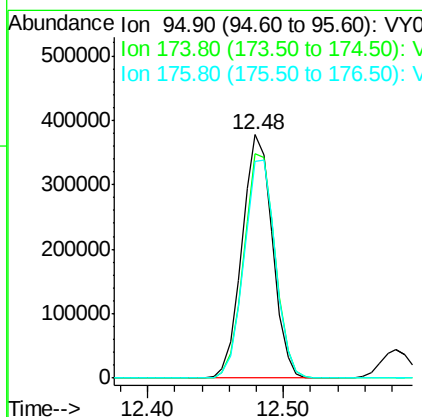
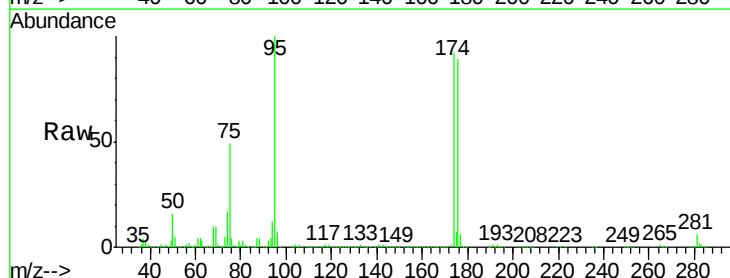
Manual Integrations
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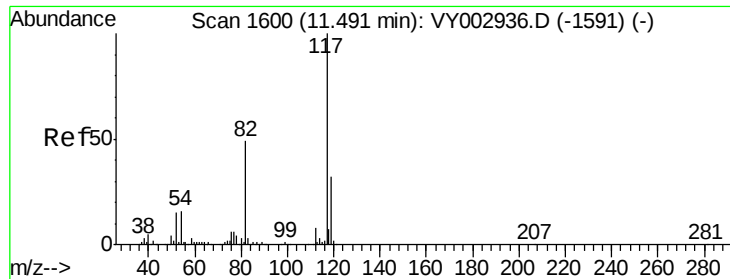
MMDadoda
6/22/2020 2:06:58 PM



#62
4-Bromofluorobenzene
Concen: 137.350 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	191.2
176	92.4	0.0	186.0





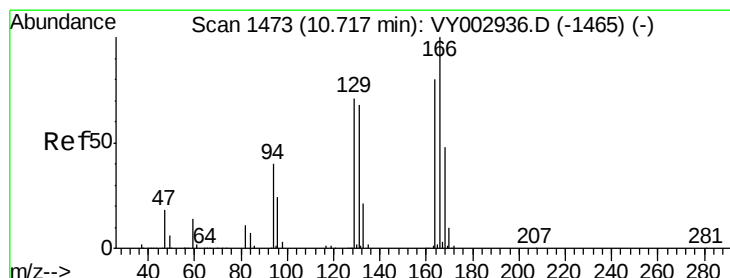
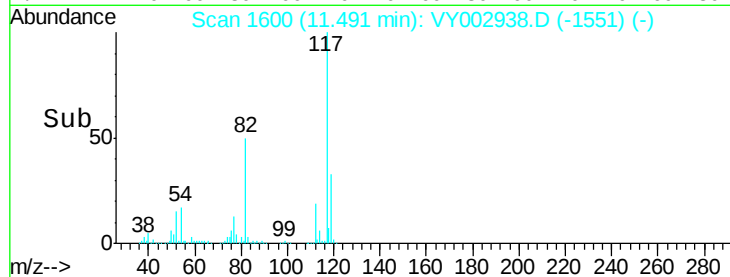
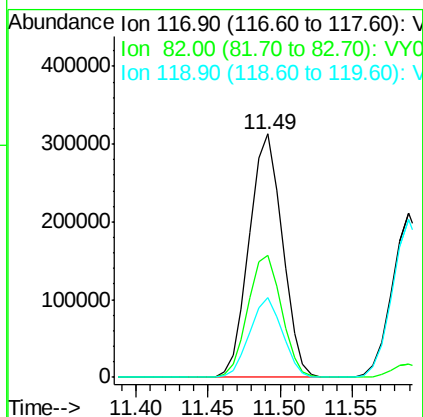
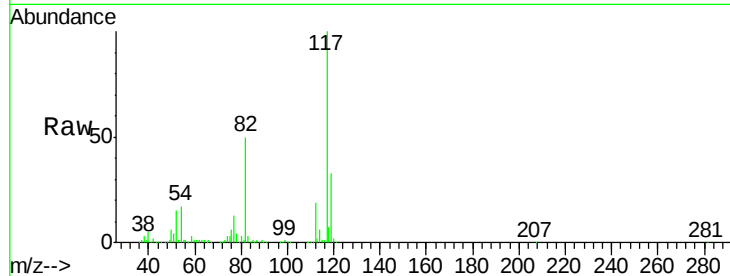
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	499166		
82	50.3	39.4	59.0	
119	32.6	25.4	38.0	

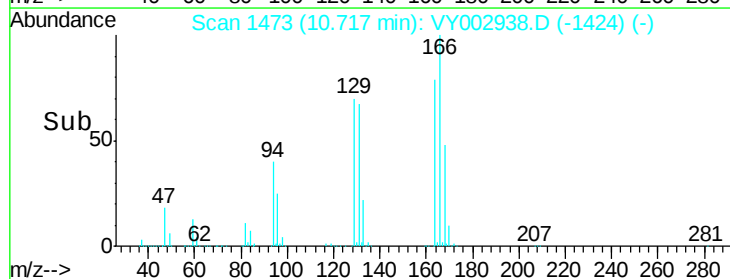
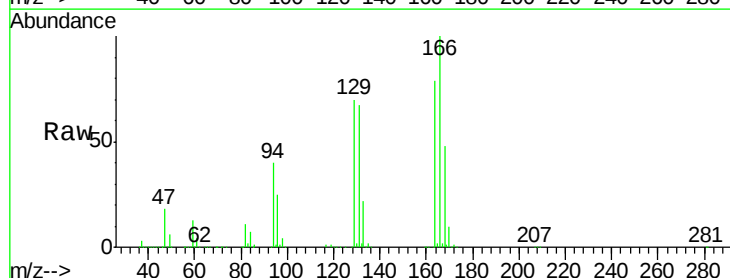
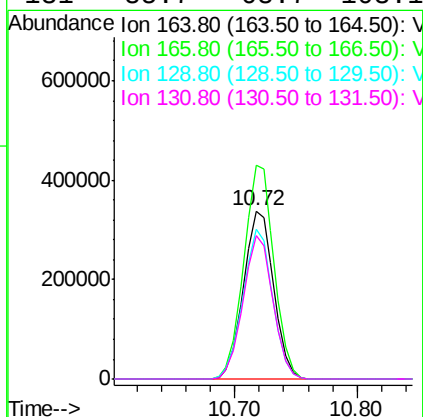
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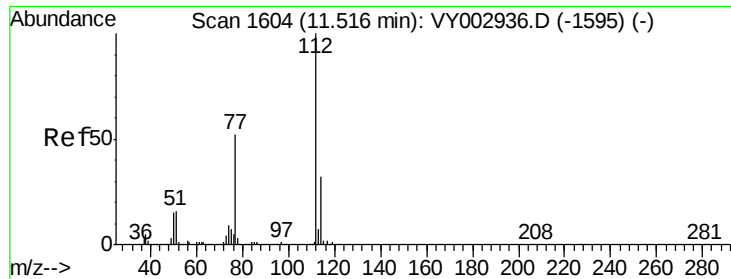
MMDadoda
6/22/2020 2:06:58 PM



#64
Tetrachloroethene
Concen: 136.605 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	577317		
166	127.3	100.5	150.7	
129	88.9	71.1	106.7	
131	85.7	68.7	103.1	





#65

Chlorobenzene

Concen: 143.454 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1359995

Ion Ratio Lower Upper

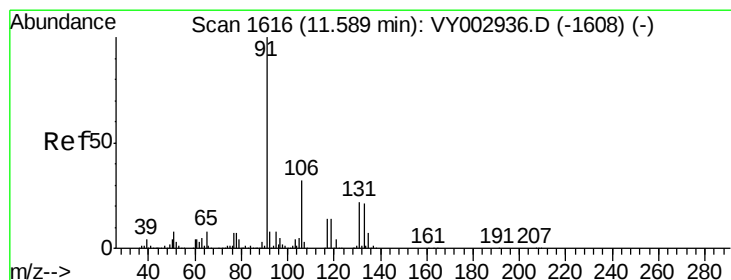
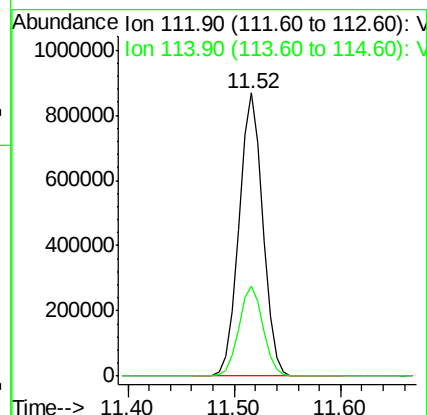
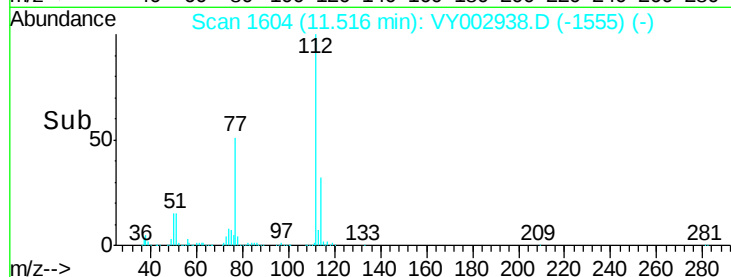
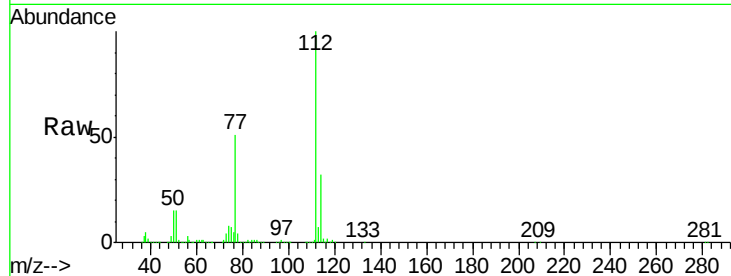
112 100

114 32.0 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 144.990 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

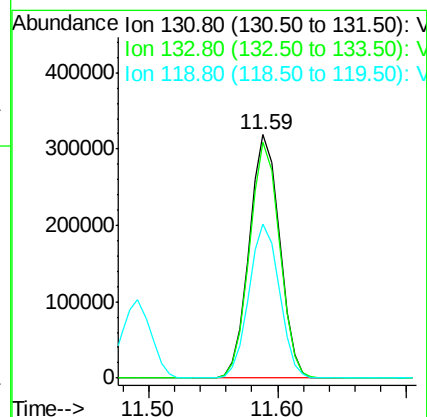
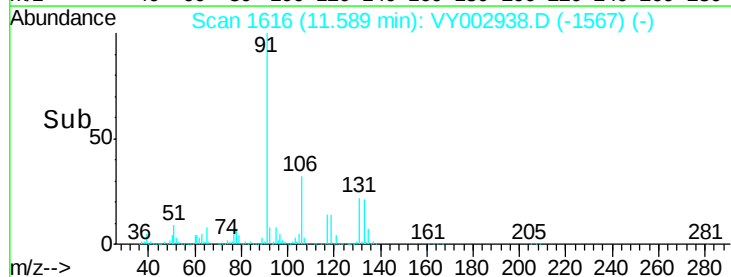
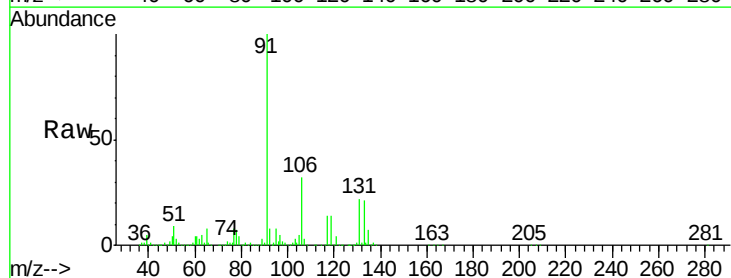
Tgt Ion:131 Resp: 517343

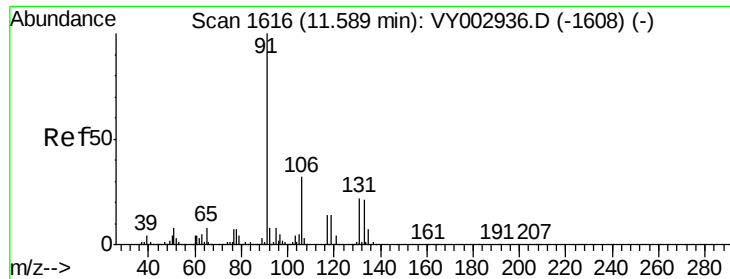
Ion Ratio Lower Upper

131 100

133 95.9 47.7 143.1

119 63.5 31.5 94.5





#67

Ethyl Benzene

Concen: 144.602 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2352803

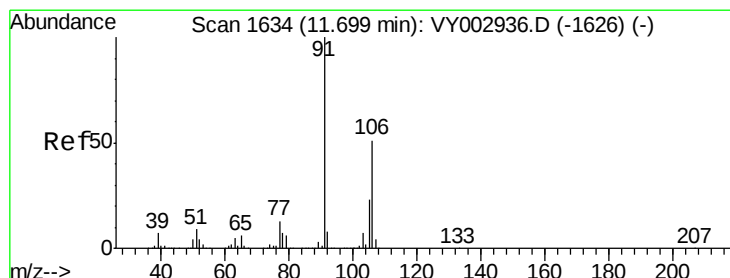
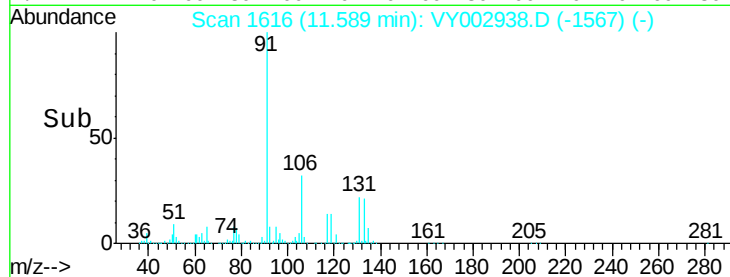
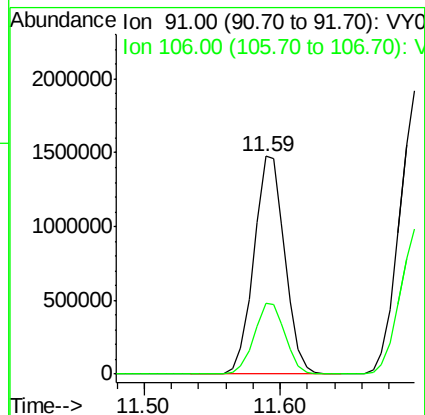
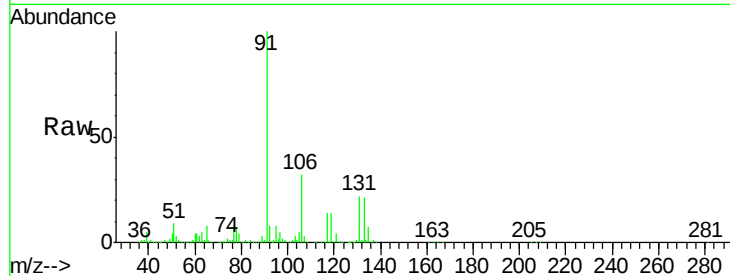
Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8

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#68

m/p-Xylenes

Concen: 290.315 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002938.D

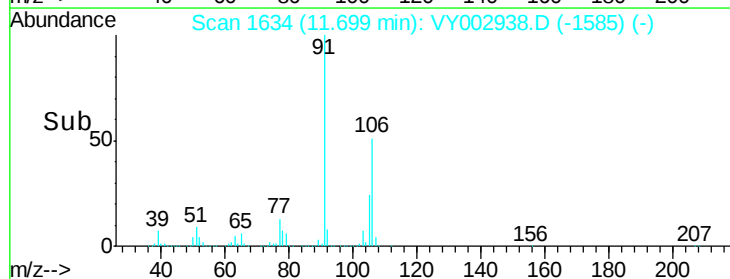
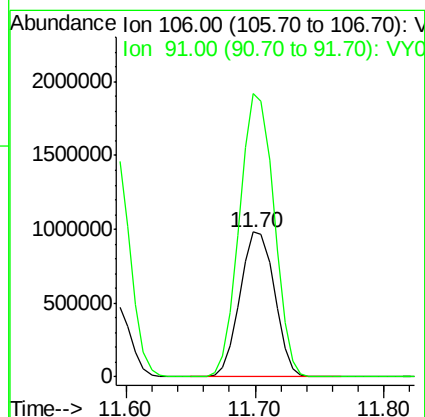
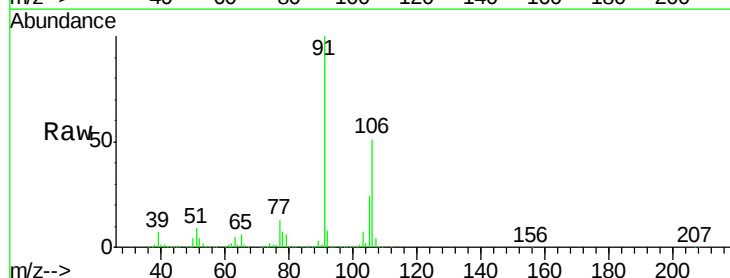
Acq: 19 Jun 2020 14:47

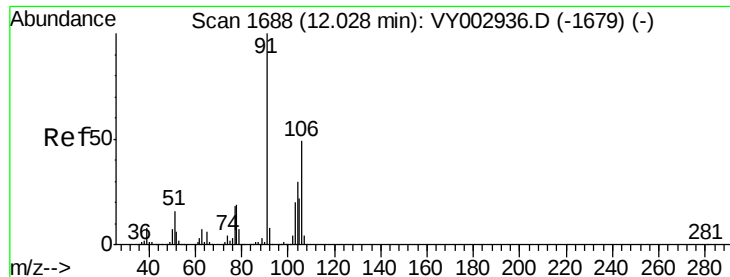
Tgt Ion: 106 Resp: 1835217

Ion Ratio Lower Upper

106 100

91 194.1 155.9 233.9





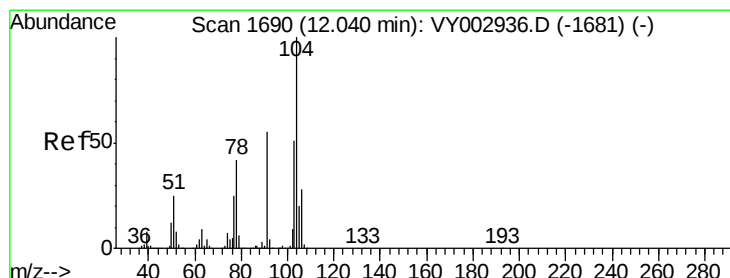
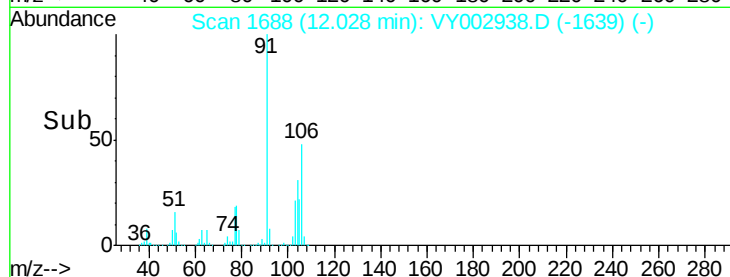
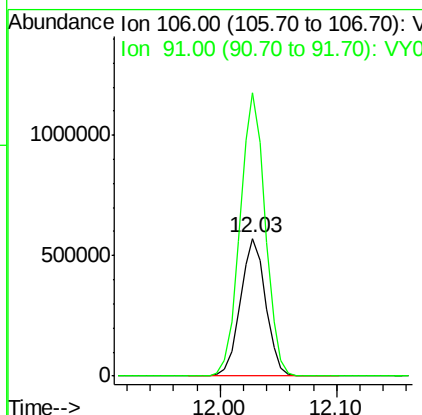
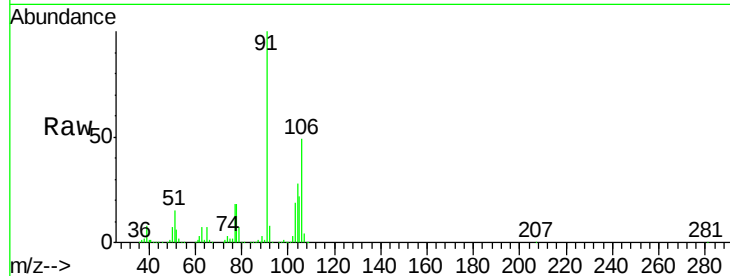
#69
o-Xylene
Concen: 145.419 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
866621	106	100		
	91	204.6	102.1	306.1

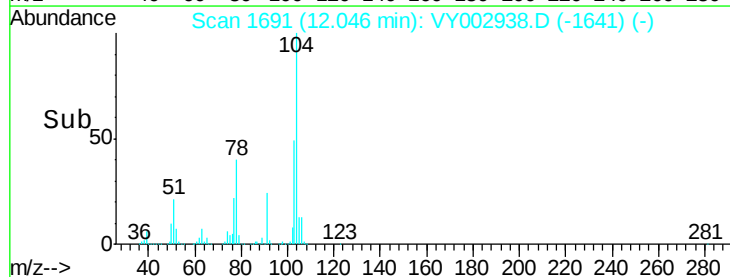
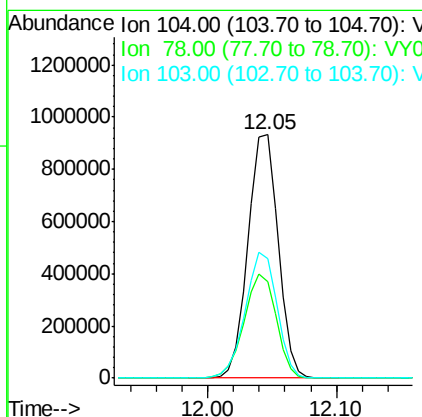
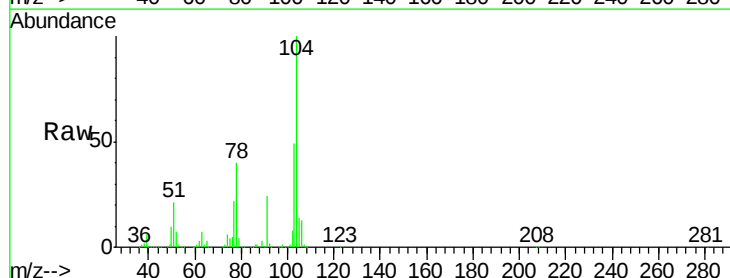
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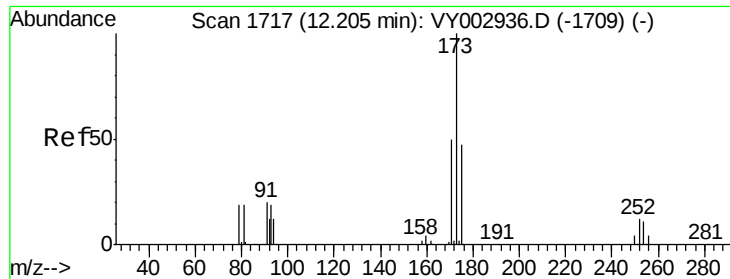
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#70
Styrene
Concen: 146.649 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ion	Ratio	Lower	Upper
1504971	104	100		
	78	45.9	36.9	55.3
	103	54.5	43.7	65.5





#71

Bromoform

Concen: 148.092 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

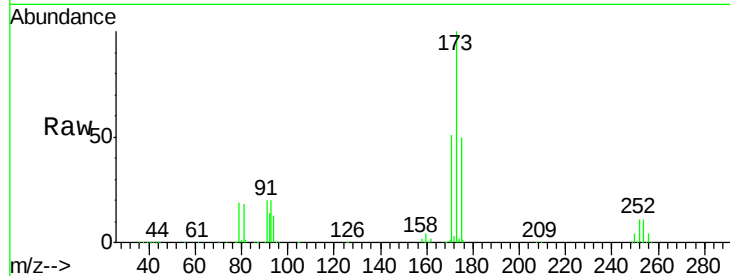
ClientSampleId :

VSTDIC150

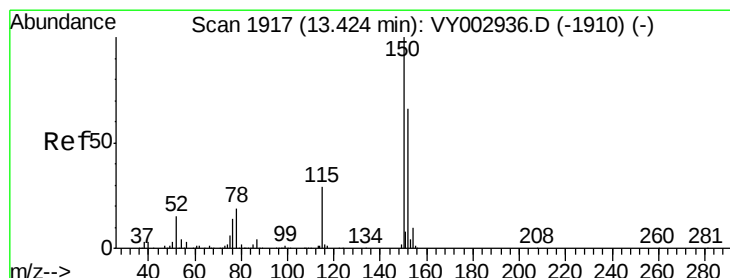
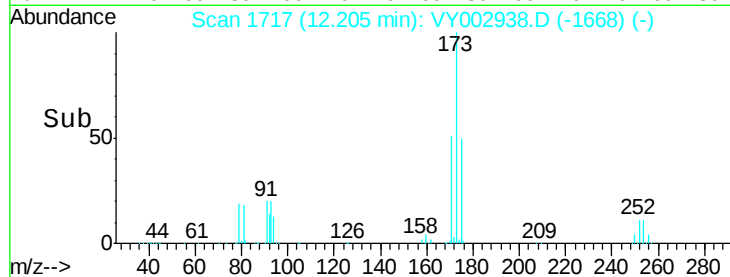
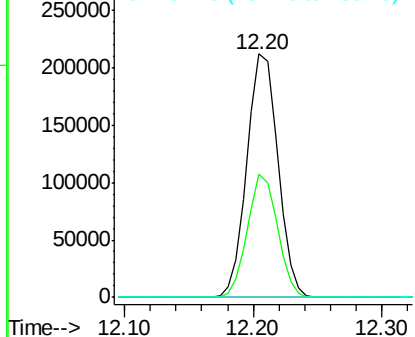
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.9	71.8
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

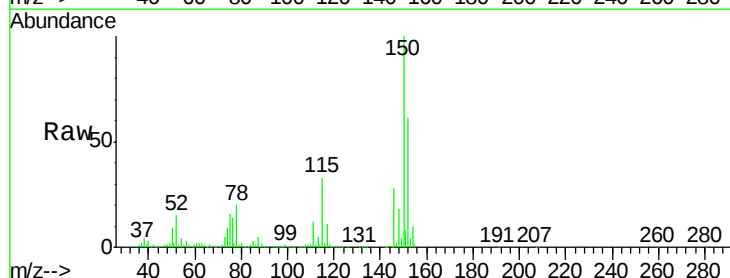
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

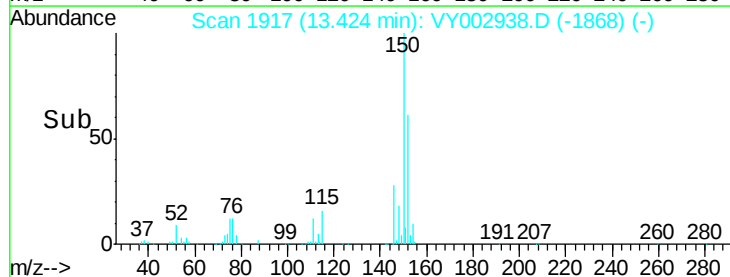
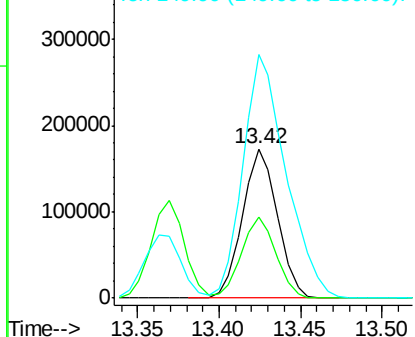
Lab File: VY002938.D

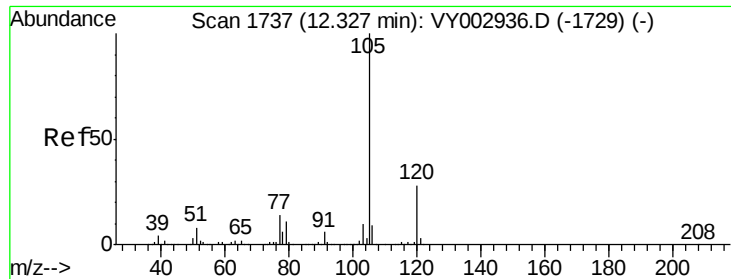
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.9	80.6
150	200.6	0.0	341.8



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





#73

Isopropylbenzene

Concen: 145.943 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2297413

Ion Ratio Lower Upper

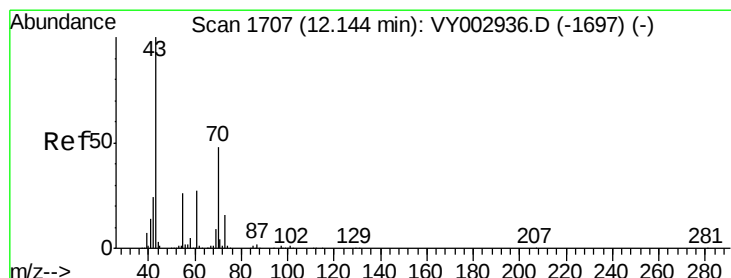
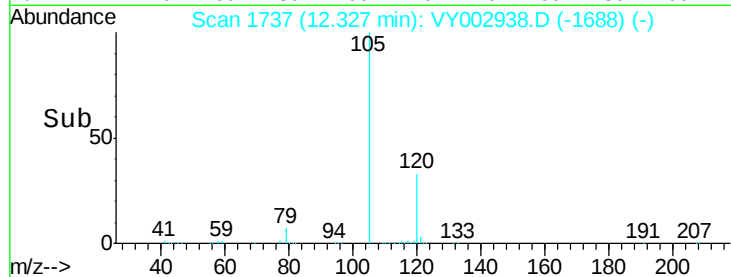
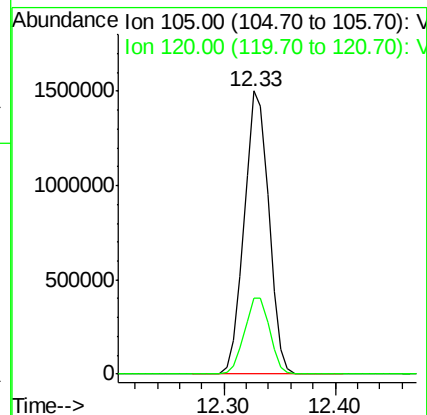
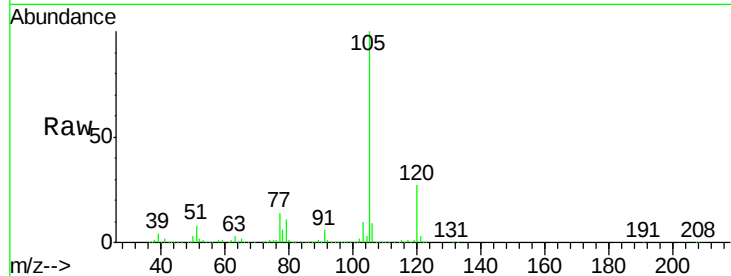
105 100

120 27.6 14.0 41.9

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#74

N-ethyl acetate

Concen: 153.822 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion: 43 Resp: 615737

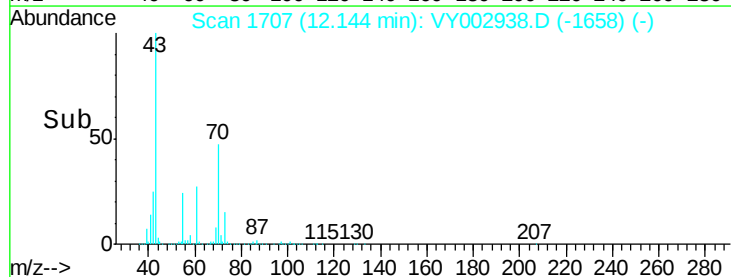
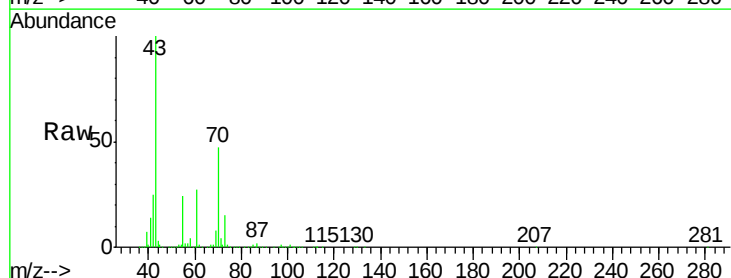
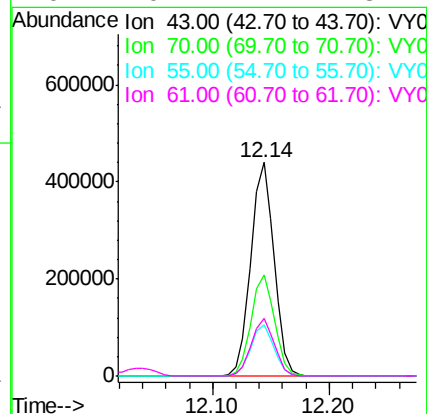
Ion Ratio Lower Upper

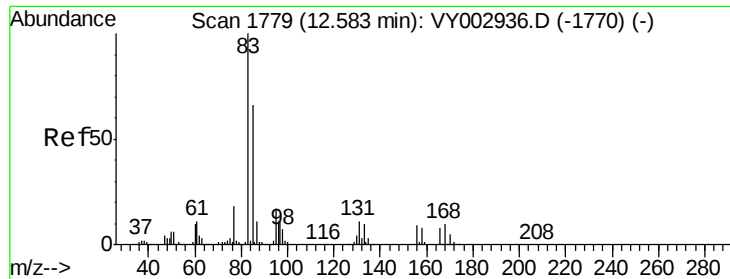
43 100

70 47.5 38.0 57.0

55 24.1 20.3 30.5

61 26.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 148.359 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

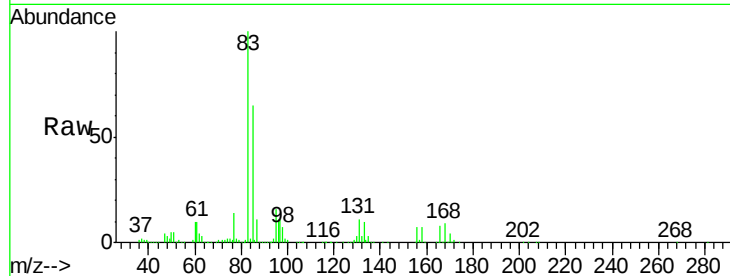
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	433069
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.7
85	63.7	32.8	98.3

Manual Integrations
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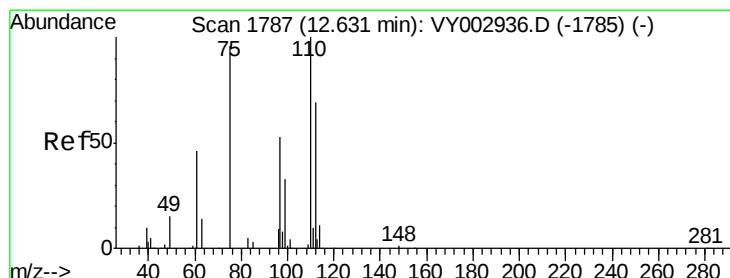
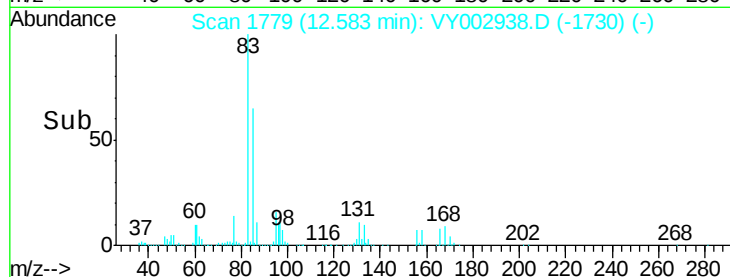
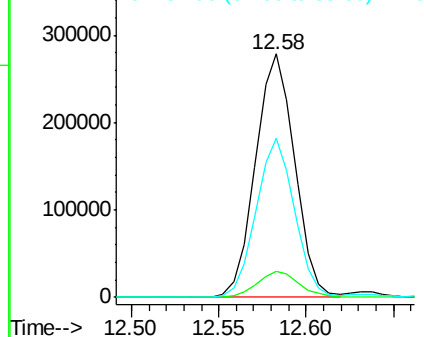
MMDadoda
6/22/2020 2:06:58 PM



Abundance Ion 82.90 (82.60 to 83.60): VY002938.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY002938.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY002938.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 89.371 ug/l m

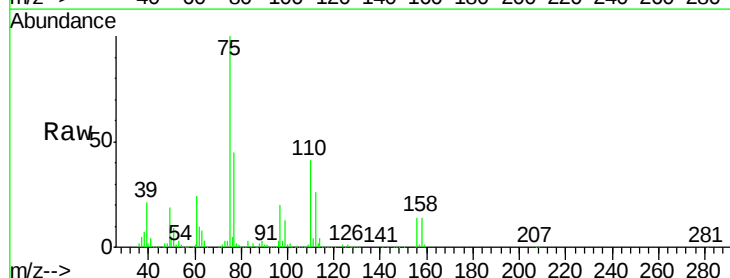
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002938.D

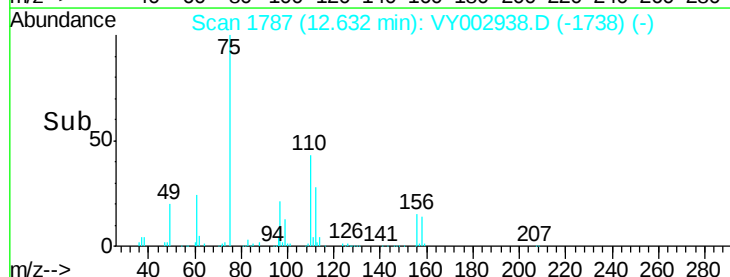
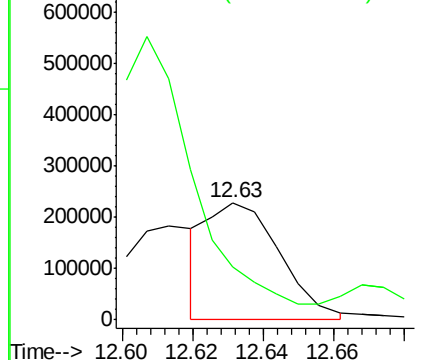
Acq: 19 Jun 2020 14:47

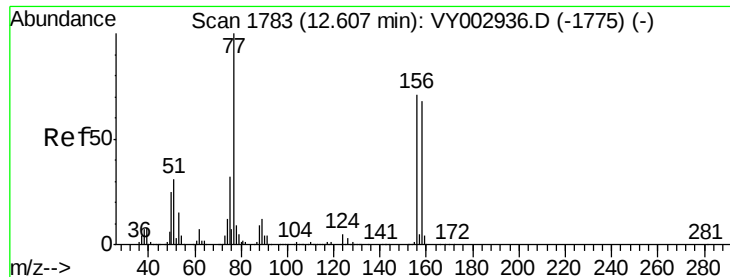
Tgt Ion:	75	Resp:	326881
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002938.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002938.D (-1785) (-)





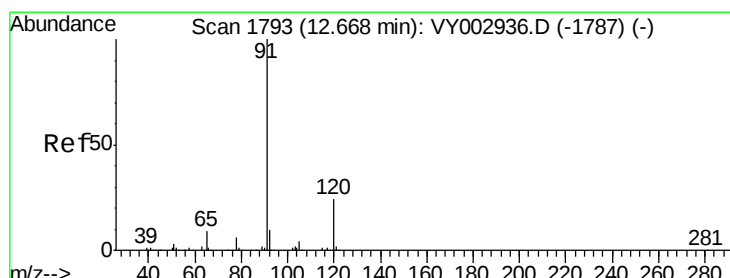
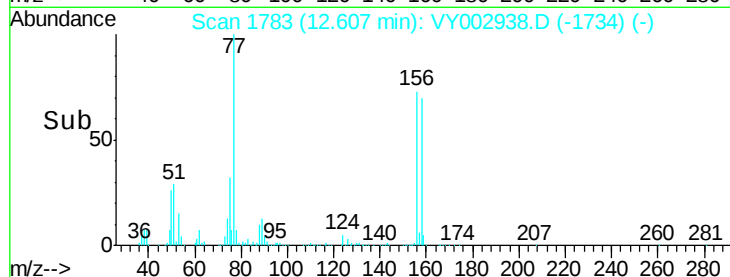
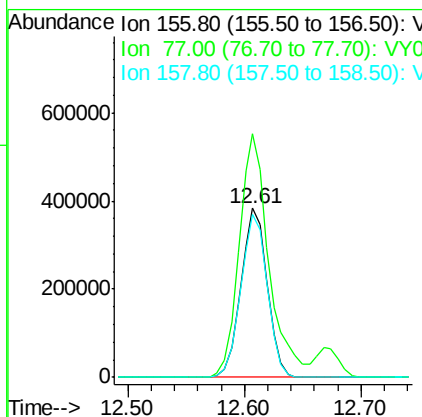
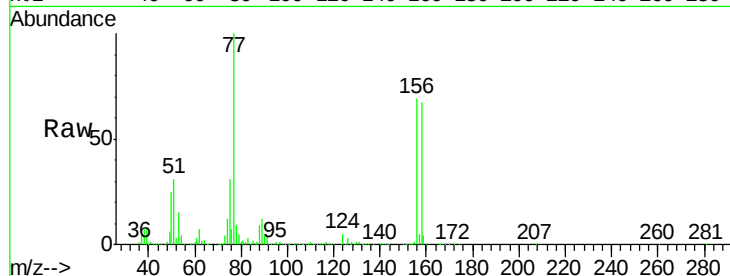
#77
Bromobenzene
Concen: 145.468 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.3	80.5	241.5
158	97.2	48.2	144.6

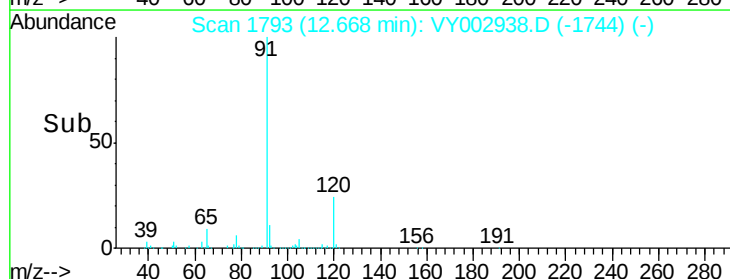
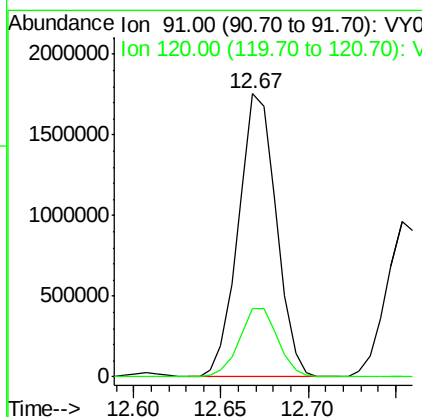
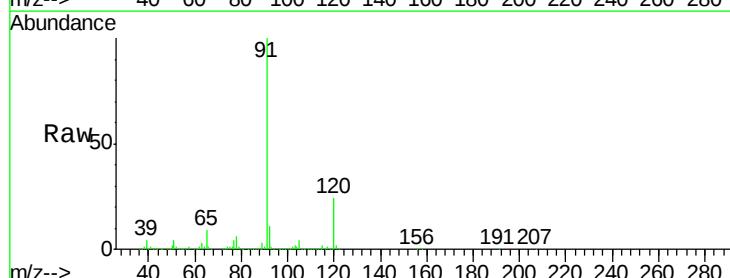
Manual Integrations
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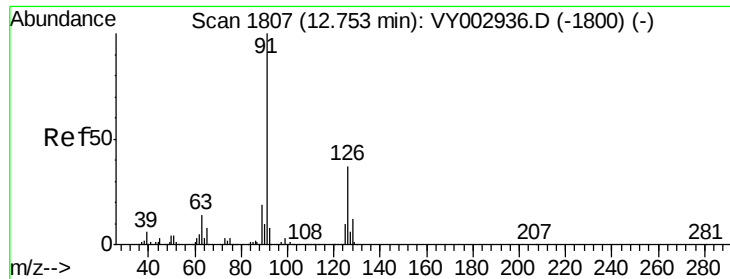
MMDadoda
6/22/2020 2:06:58 PM



#78
n-propylbenzene
Concen: 144.214 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.9





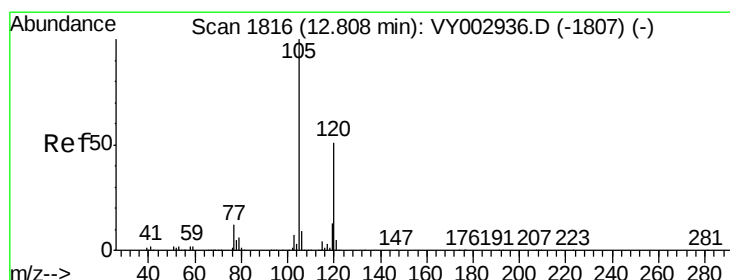
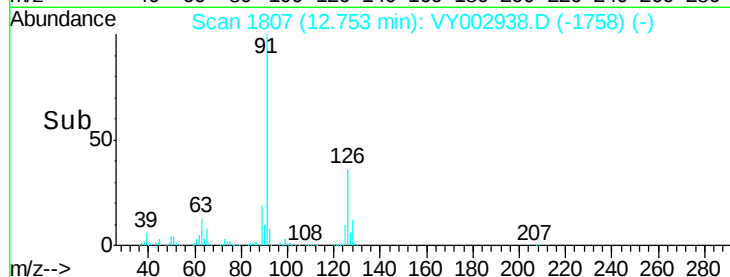
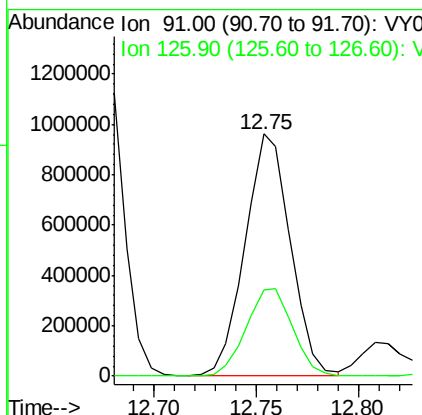
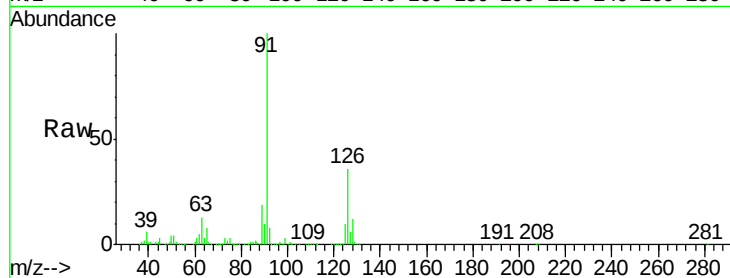
#79
2-Chlorotoluene
Concen: 144.980 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1488033
Ion Ratio Lower Upper
91 100
126 37.0 18.5 55.5

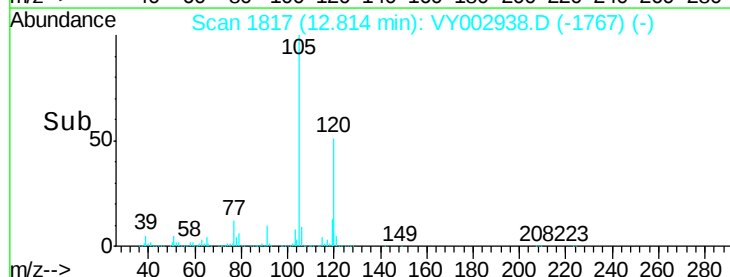
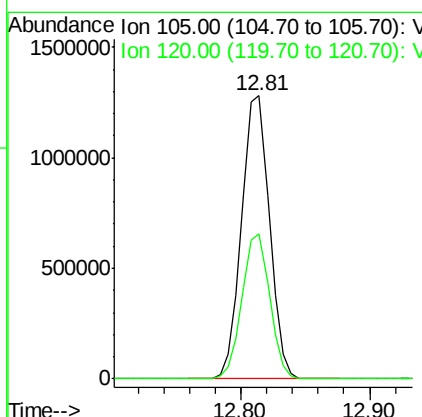
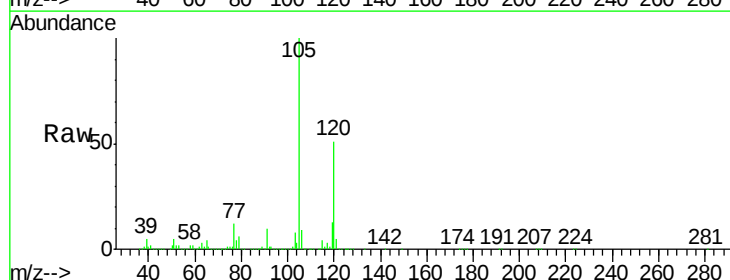
Manual Integrations
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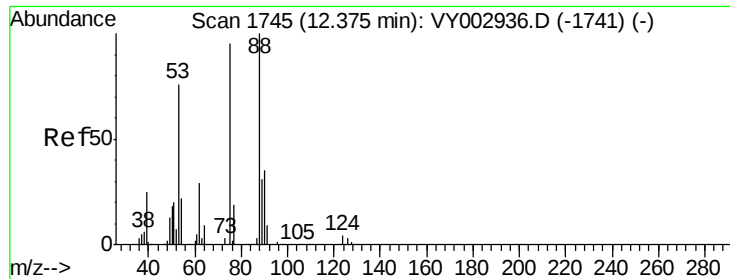
MMDadoda
6/22/2020 2:06:58 PM



#80
1,3,5-Trimethylbenzene
Concen: 145.960 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 105 Resp: 1915704
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 154.724 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Instrument :

MSVOA_Y

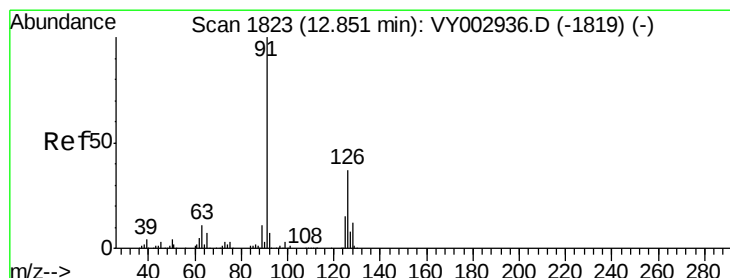
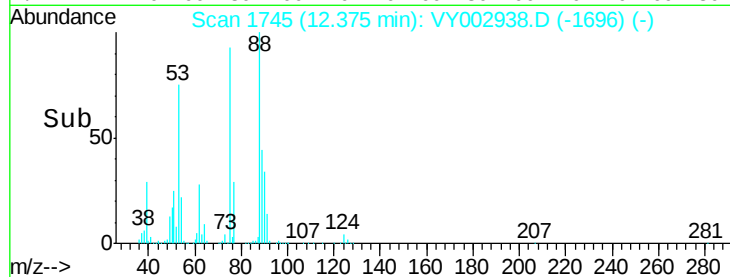
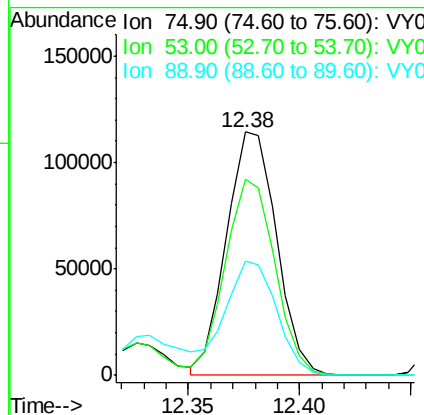
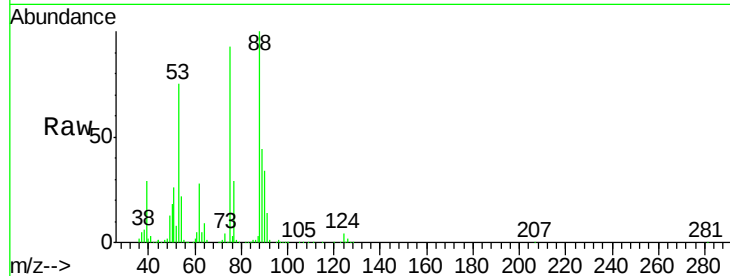
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	178479
Ion	Ratio	Lower	Upper
75	100		
53	80.3	65.1	97.7
89	49.3	38.4	57.6

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#82

4-Chlorotoluene

Concen: 143.214 ug/l

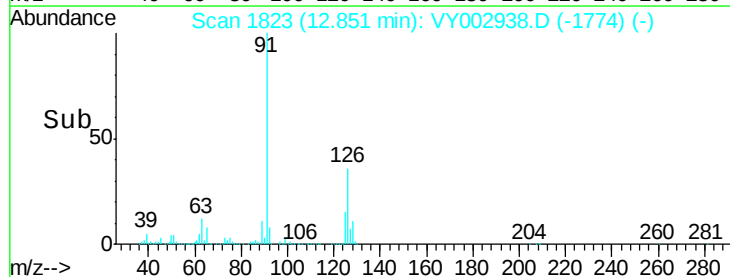
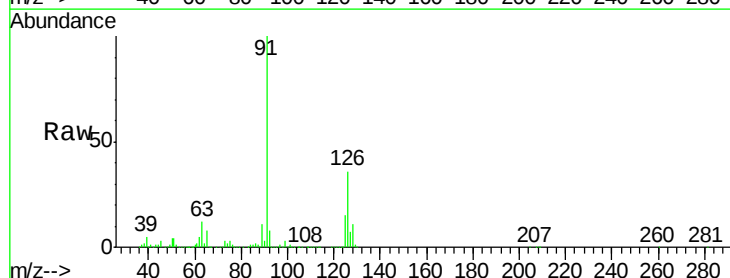
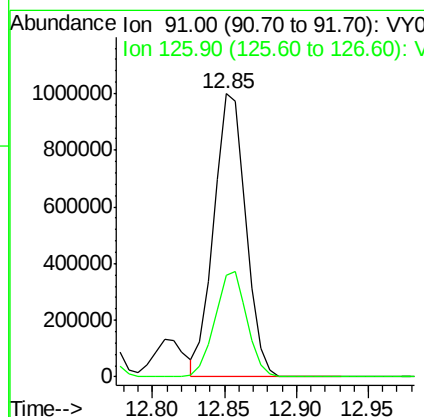
RT: 12.85 min Scan# 1823

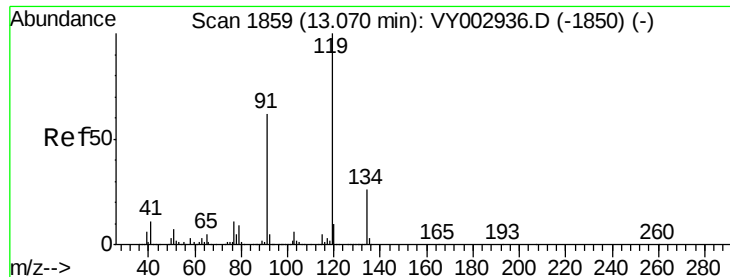
Delta R.T. 0.00 min

Lab File: VY002938.D

Acq: 19 Jun 2020 14:47

Tgt Ion:	91	Resp:	1550770
Ion	Ratio	Lower	Upper
91	100		
126	37.3	18.6	55.8





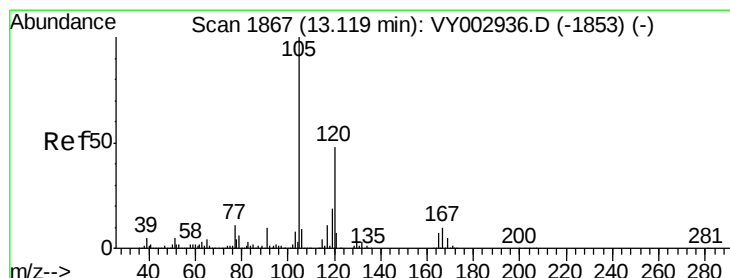
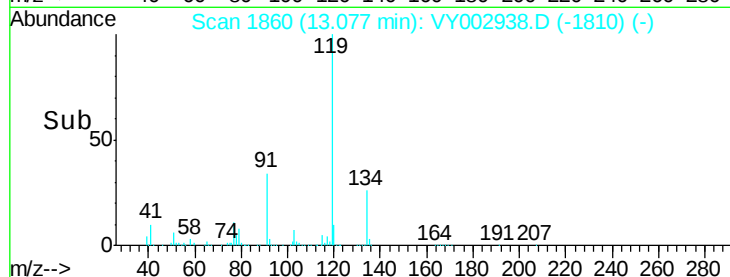
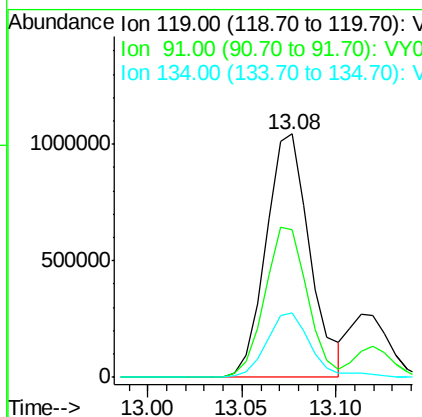
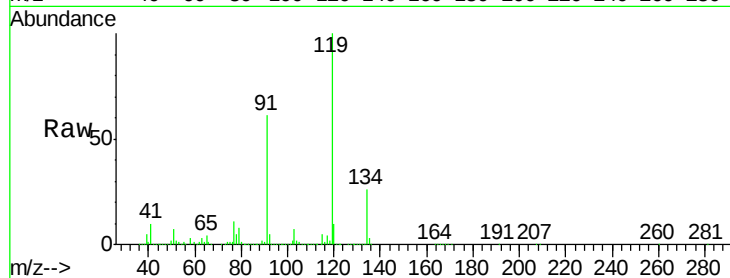
#83
tert-Butylbenzene
Concen: 142.880 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.9	89.7
134	26.9	13.3	39.8

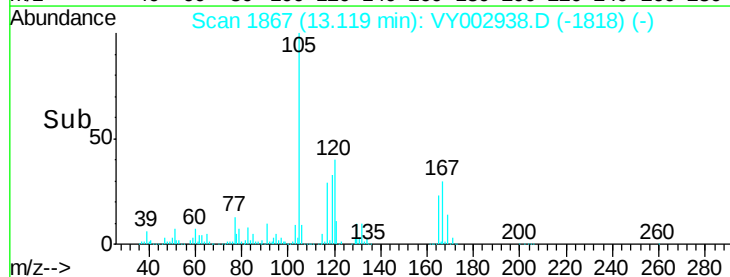
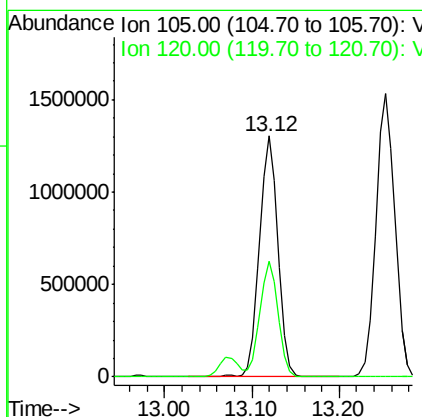
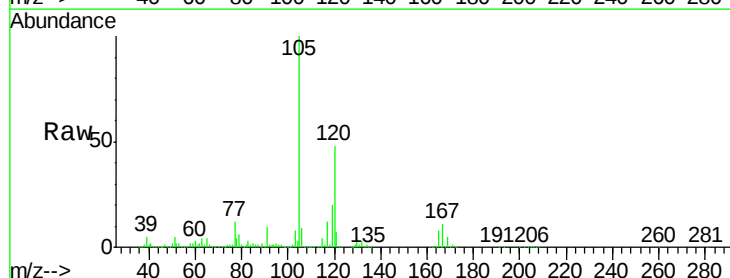
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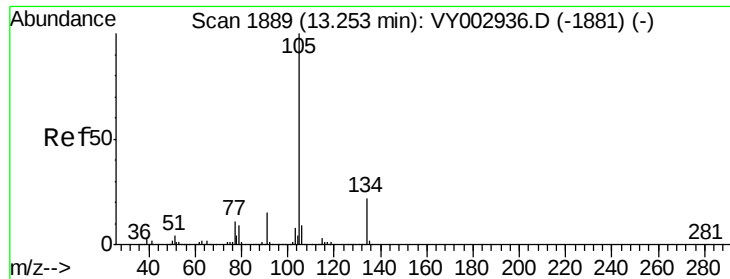
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#84
1,2,4-Trimethylbenzene
Concen: 144.058 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.5	70.5





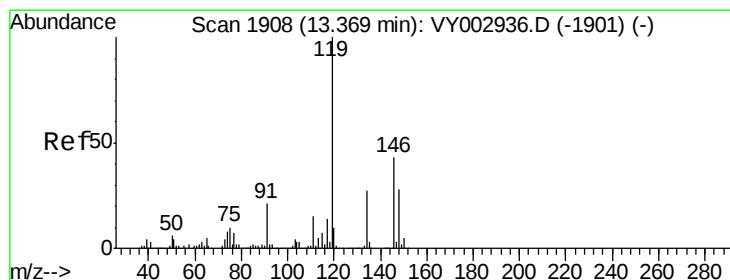
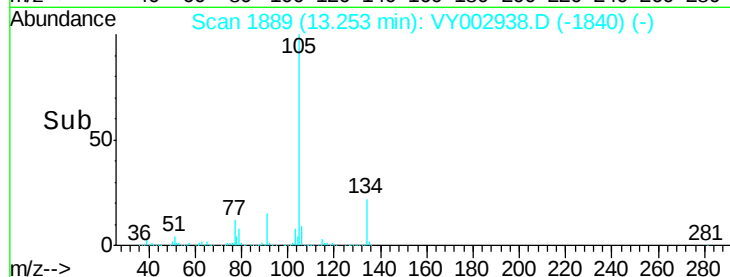
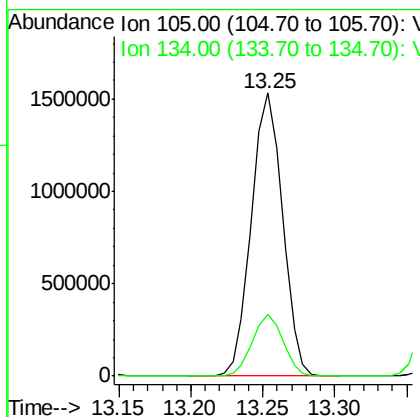
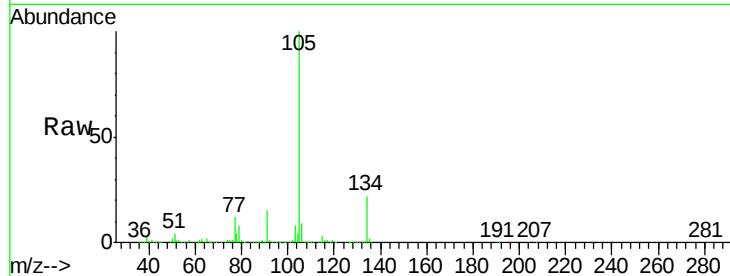
#85
 sec-Butylbenzene
 Concen: 141.501 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2287236
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.4

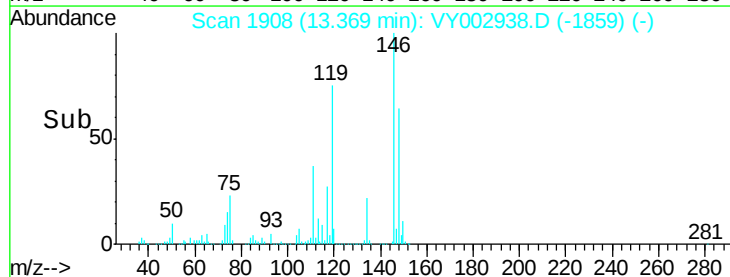
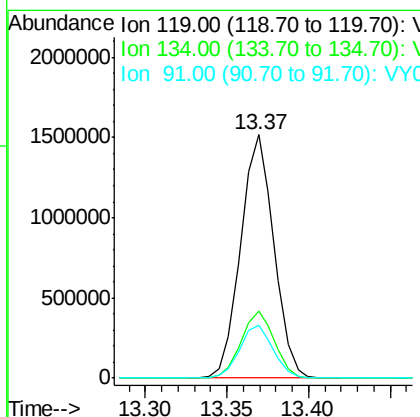
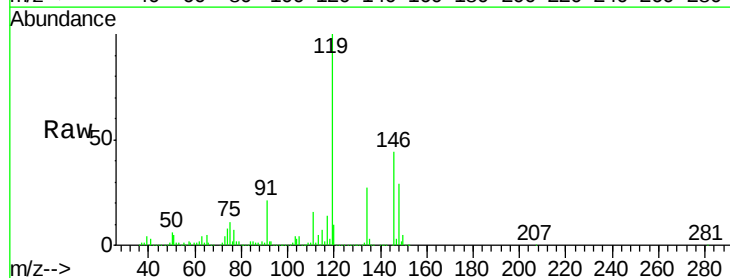
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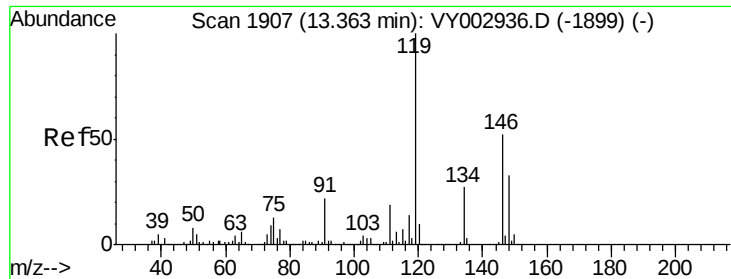
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#86
 p-Isopropyltoluene
 Concen: 142.507 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion:119 Resp: 2152321
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.8
 91 21.7 10.8 32.4





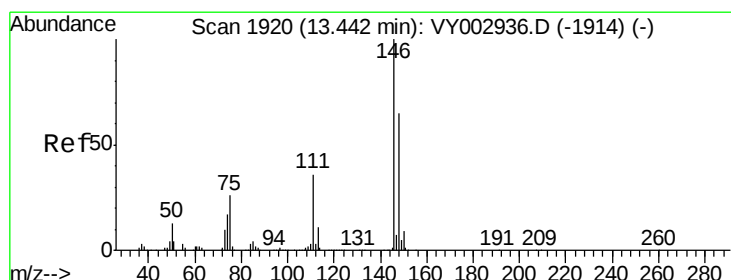
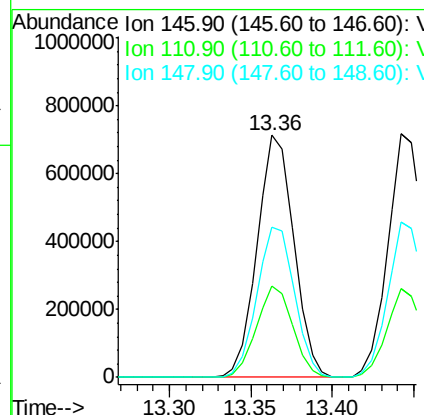
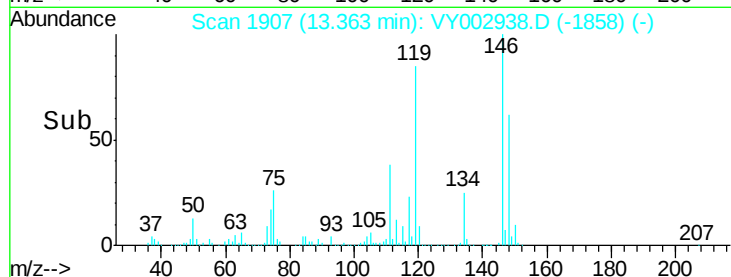
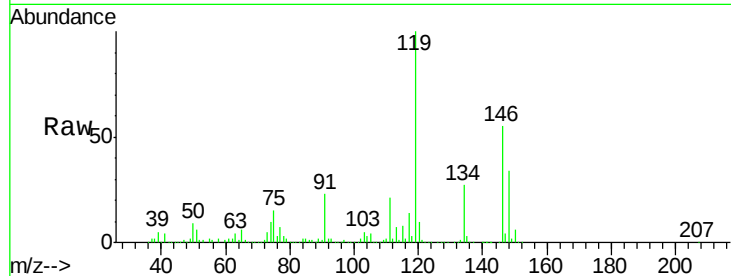
#87
 1,3-Dichlorobenzene
 Concen: 141.730 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.2	54.6
148	63.6	31.9	95.7

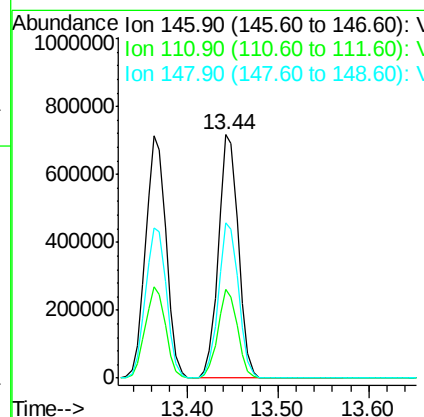
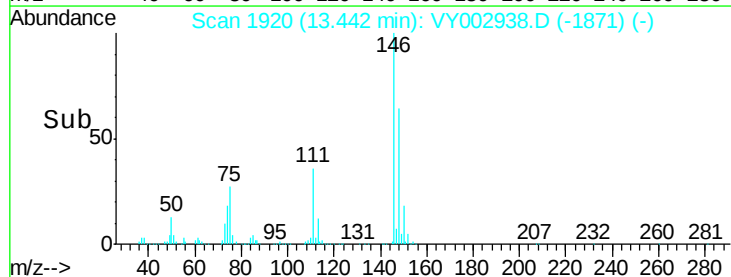
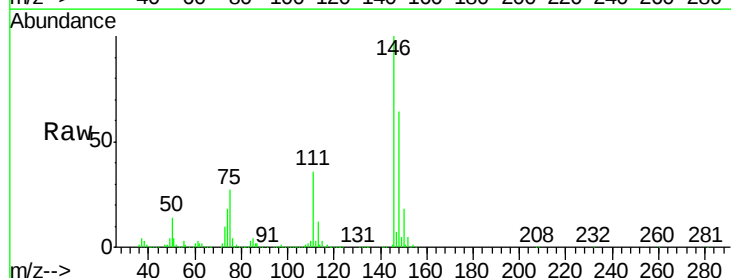
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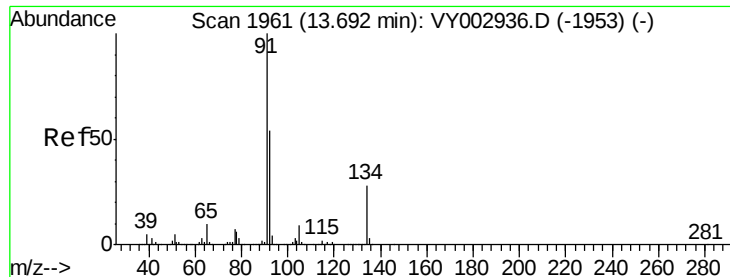
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#88
 1,4-Dichlorobenzene
 Concen: 140.593 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.8
148	64.0	32.1	96.5





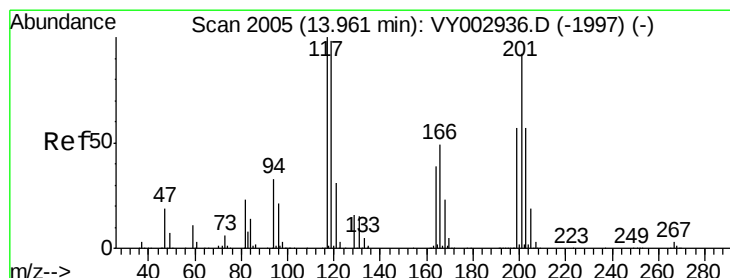
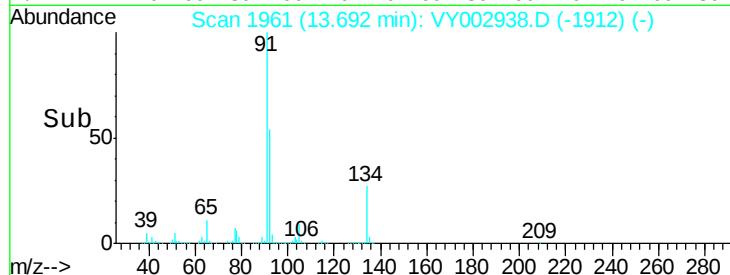
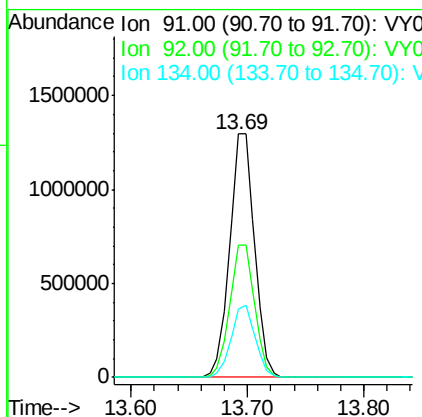
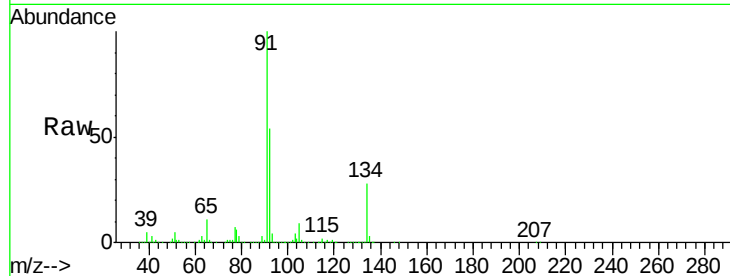
#89
n-Butylbenzene
Concen: 140.166 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1921603
Ion Ratio Lower Upper
91 100
92 54.6 27.0 80.8
134 28.9 14.5 43.5

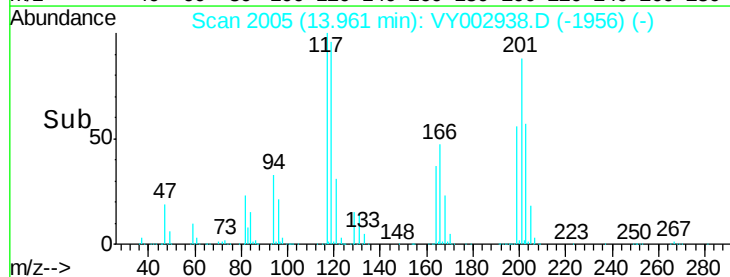
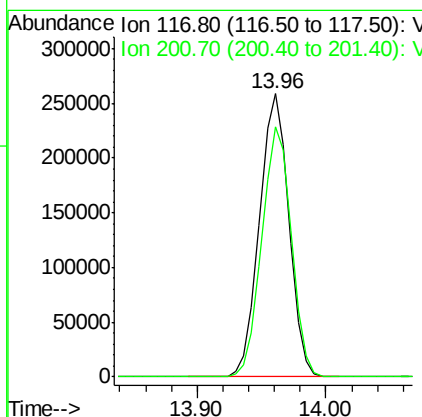
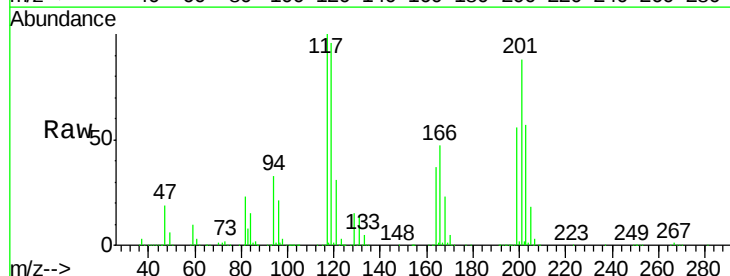
Manual Integrations
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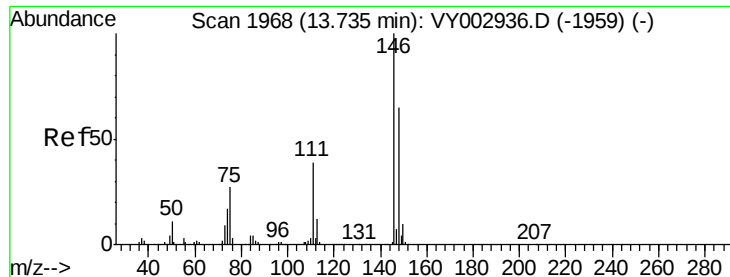
MMDadoda
6/22/2020 2:06:58 PM



#90
Hexachloroethane
Concen: 146.325 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion: 117 Resp: 408671
Ion Ratio Lower Upper
117 100
201 88.8 45.1 135.5





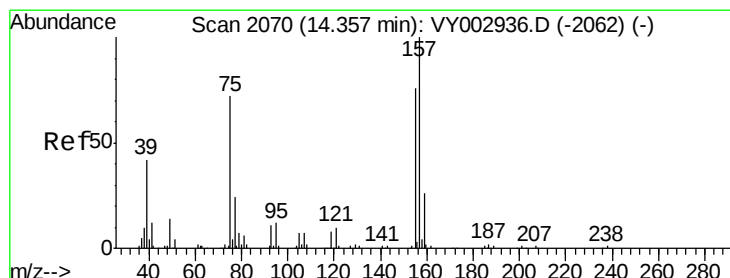
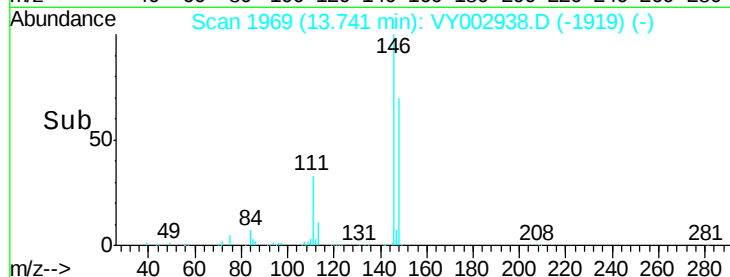
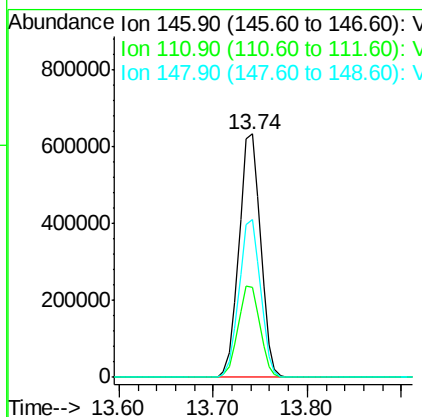
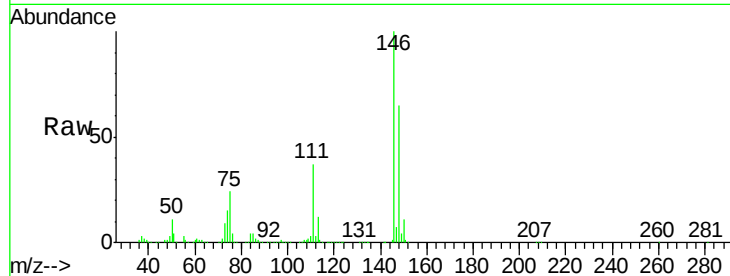
#91
 1,2-Dichlorobenzene
 Concen: 140.824 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.6	32.0	96.2

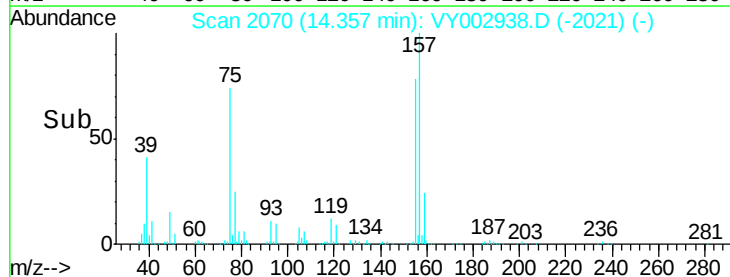
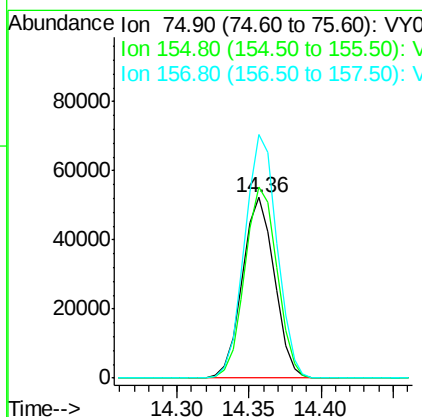
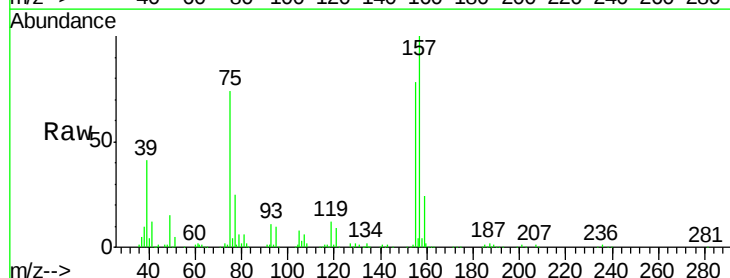
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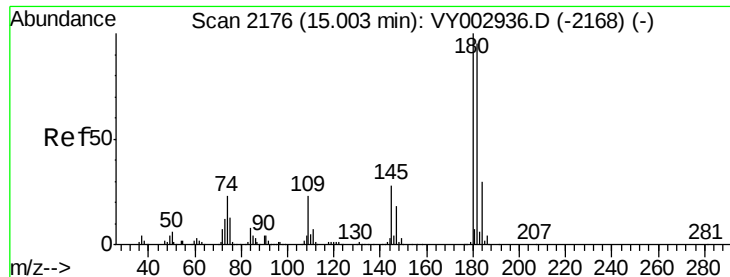
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 147.163 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.5	53.1	159.4
157	135.7	69.0	206.9





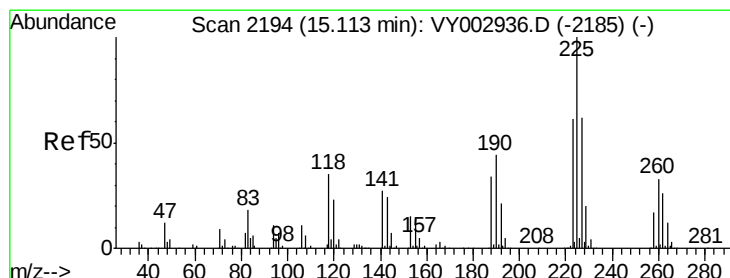
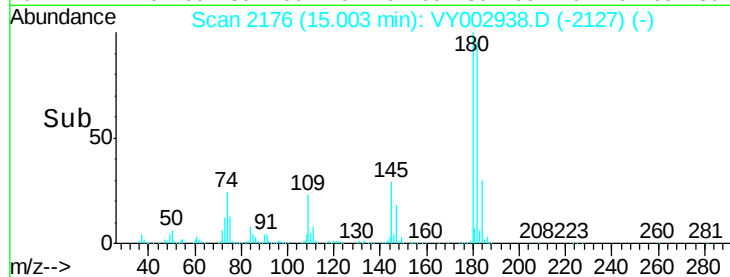
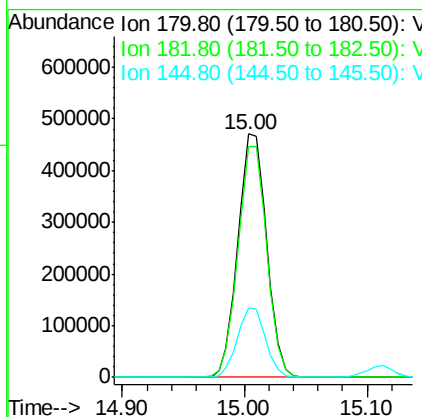
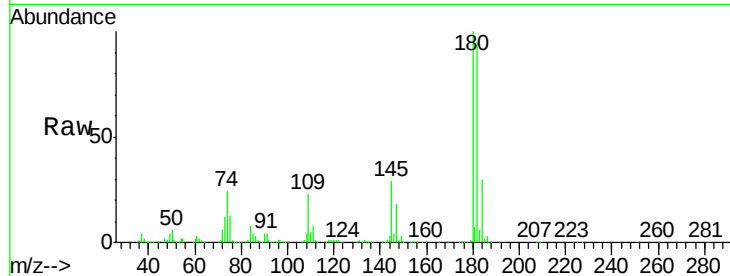
#93
 1,2,4-Trichlorobenzene
 Concen: 142.375 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	764235		
182	95.0	47.9	143.6	
145	28.2	14.1	42.3	

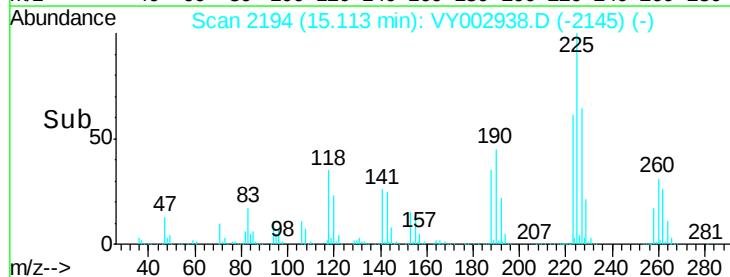
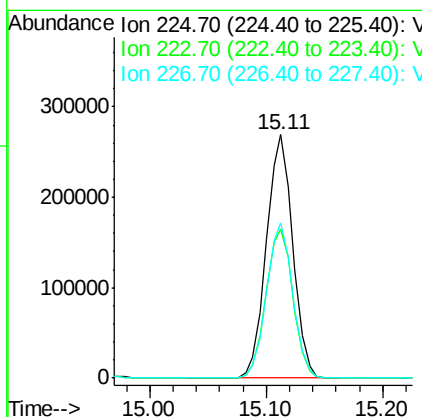
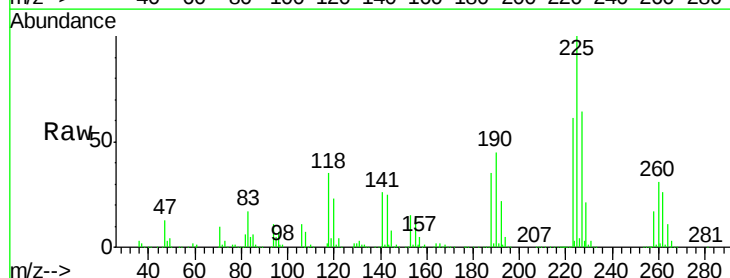
Manual Integrations
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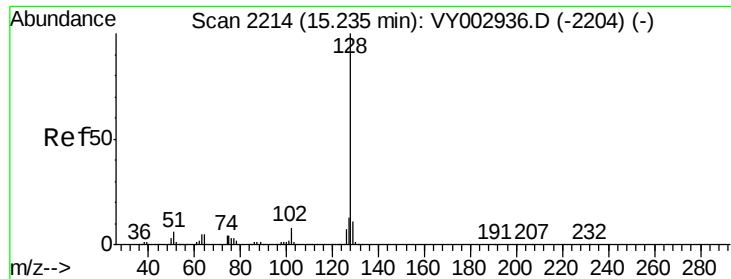
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#94
 Hexachlorobutadiene
 Concen: 134.826 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002938.D
 Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	423024		
223	62.5	31.3	93.8	
227	63.6	31.9	95.7	





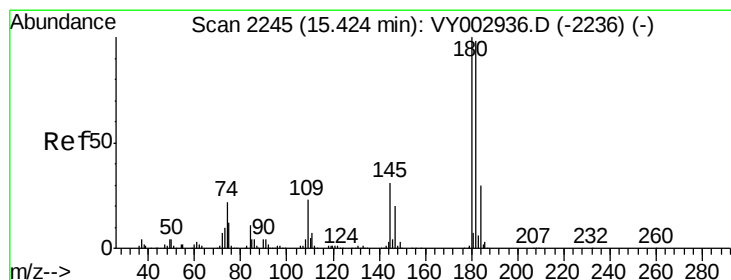
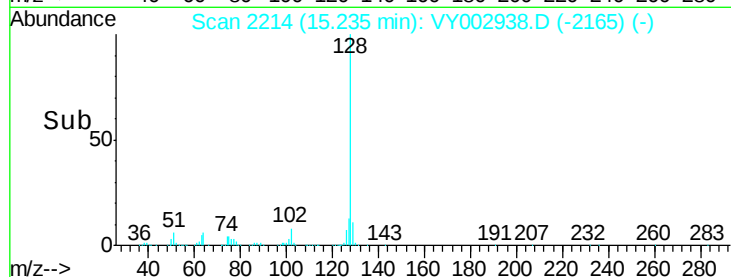
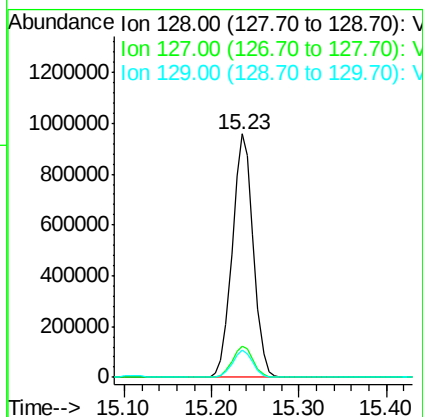
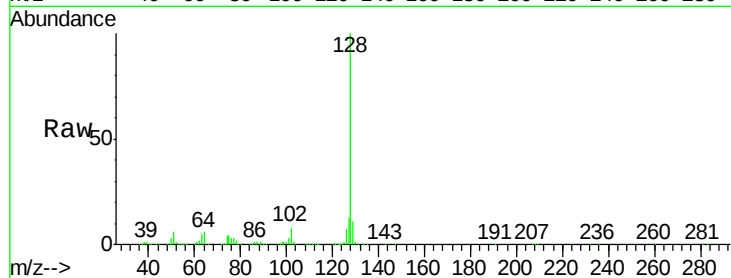
#95
Naphthalene
Concen: 151.804 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 142.985 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002938.D
Acq: 19 Jun 2020 14:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	30.4	15.0	45.0

