

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003313.D
 Acq On : 23 Jul 2020 13:43
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Manual Integrations
 APPROVED

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 7/24/2020 12:58:30 PM

Quant Time: Jul 24 05:21:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	449182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	651181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	610420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	333246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	188180	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.72	113	179890	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.18	98	667329	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.48	95	245983	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	71409	22.181	ug/l	99
3) Chloromethane	2.12	50	93829	21.012	ug/l	99
4) Vinyl Chloride	2.25	62	99434	21.702	ug/l	97
5) Bromomethane	2.64	94	76240	22.403	ug/l	98
6) Chloroethane	2.79	64	62441	20.749	ug/l	100
7) Trichlorofluoromethane	3.13	101	141155	21.573	ug/l	100
8) Diethyl Ether	3.53	74	47364	21.602	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	83220	21.059	ug/l	98
10) Methyl Iodide	4.10	142	80069	18.649	ug/l	98
11) Tert butyl alcohol	4.96	59	49160	119.916	ug/l	97
12) 1,1-Dichloroethene	3.88	96	79737	21.333	ug/l	95
13) Acrolein	3.73	56	27445	77.130	ug/l	96
14) Allyl chloride	4.49	41	127470	22.983	ug/l	95
15) Acrylonitrile	5.17	53	121510	115.368	ug/l	99
16) Acetone	3.95	43	105289	124.330	ug/l	100
17) Carbon Disulfide	4.19	76	244360	21.305	ug/l	99
18) Methyl Acetate	4.49	43	58390	24.828	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	225487	21.527	ug/l	98
20) Methylene Chloride	4.72	84	103583	21.138	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	88410	20.912	ug/l	89
22) Diisopropyl ether	6.12	45	279242	22.686	ug/l	98
23) Vinyl Acetate	6.07	43	919901	112.123	ug/l	99
24) 1,1-Dichloroethane	6.02	63	153629	21.543	ug/l	99
25) 2-Butanone	6.99	43	164362	118.207	ug/l	98
26) 2,2-Dichloropropane	6.99	77	143113	22.284	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	99796	21.440	ug/l	98
28) Bromochloromethane	7.34	49	73374	23.765	ug/l	94
29) Tetrahydrofuran	7.35	42	109929	117.686	ug/l	96
30) Chloroform	7.52	83	153038	20.836	ug/l	97
31) Cyclohexane	7.79	56	148922	21.596	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	140651	21.271	ug/l	99
36) 1,1-Dichloropropene	7.92	75	124248	21.052	ug/l	99
37) Ethyl Acetate	7.08	43	76292	24.004	ug/l	97
38) Carbon Tetrachloride	7.90	117	130064	21.347	ug/l	99

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 Sample : VY0723SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VY0723SBS01

Manual Integrations
 APPROVED

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 7/24/2020 12:58:30 PM

Quant Time: Jul 24 05:21:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	155827	21.018	ug/l	95
40) Benzene	8.16	78	346787	21.340	ug/l	97
41) Methacrylonitrile	7.32	41	39287m	20.524	ug/l	
42) 1,2-Dichloroethane	8.24	62	105271	21.042	ug/l	100
43) Isopropyl Acetate	8.27	43	140515	22.840	ug/l	97
44) Trichloroethene	8.94	130	99466	19.966	ug/l	96
45) 1,2-Dichloropropane	9.22	63	91326	21.719	ug/l	98
46) Dibromomethane	9.31	93	51195	20.845	ug/l	98
47) Bromodichloromethane	9.50	83	123972	21.224	ug/l	95
48) Methyl methacrylate	9.30	41	61742	22.449	ug/l	97
49) 1,4-Dioxane	9.30	88	14629	469.330	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	372630	116.532	ug/l	98
52) Toluene	10.24	92	217925	20.981	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	132409	21.879	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	147759	21.190	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	75123	21.586	ug/l	99
56) Ethyl methacrylate	10.51	69	103499	21.875	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128760	21.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	280137	116.094	ug/l	99
59) 2-Hexanone	10.83	43	262770	117.718	ug/l	99
60) Dibromochloromethane	10.99	129	92636	21.163	ug/l	98
61) 1,2-Dibromoethane	11.09	107	71395	20.786	ug/l	99
64) Tetrachloroethene	10.72	164	102167	18.771	ug/l	95
65) Chlorobenzene	11.52	112	243047	20.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	94372	20.663	ug/l	99
67) Ethyl Benzene	11.59	91	439979	20.955	ug/l	97
68) m/p-Xylenes	11.70	106	329069	41.306	ug/l	99
69) o-Xylene	12.03	106	156558	21.035	ug/l	99
70) Styrene	12.04	104	265460	20.850	ug/l	98
71) Bromoform	12.20	173	61902	20.650	ug/l	# 96
73) Isopropylbenzene	12.33	105	432794	20.380	ug/l	99
74) N-amyl acetate	12.14	43	130458	21.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	88390	21.550	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	73381m	24.877	ug/l	
77) Bromobenzene	12.61	156	111222	20.546	ug/l	97
78) n-propylbenzene	12.67	91	520649	20.799	ug/l	99
79) 2-Chlorotoluene	12.75	91	284026	20.336	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	362322	20.470	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31417	20.728	ug/l	97
82) 4-Chlorotoluene	12.85	91	298403	20.470	ug/l	100
83) tert-Butylbenzene	13.07	119	314010	20.106	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	364971	20.494	ug/l	99
85) sec-Butylbenzene	13.25	105	450966	21.009	ug/l	99
86) p-Isopropyltoluene	13.37	119	415974	20.754	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	209014	20.418	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	205715	20.298	ug/l	99
89) n-Butylbenzene	13.69	91	405776	21.524	ug/l	99
90) Hexachloroethane	13.95	117	77986	21.366	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	185596	20.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15013	22.578	ug/l	97

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Acq On : 23 Jul 2020 13:43
Operator : SY/MD
Sample : VY0723SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBSD01

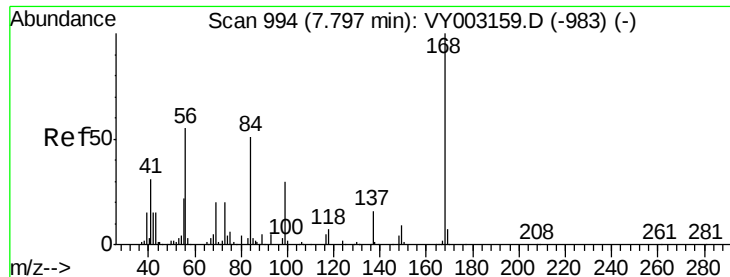
Manual Integrations
APPROVED

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7/24/2020 12:58:30 PM

Quant Time: Jul 24 05:21:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136220	21.315	ug/l	99
94) Hexachlorobutadiene	15.11	225	87137	19.898	ug/l	97
95) Naphthalene	15.23	128	230899	21.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	107467	21.272	ug/l	100

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



#1

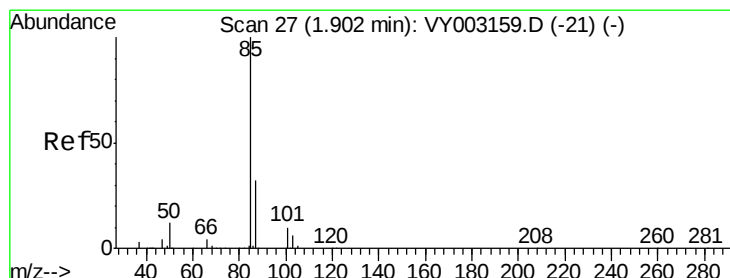
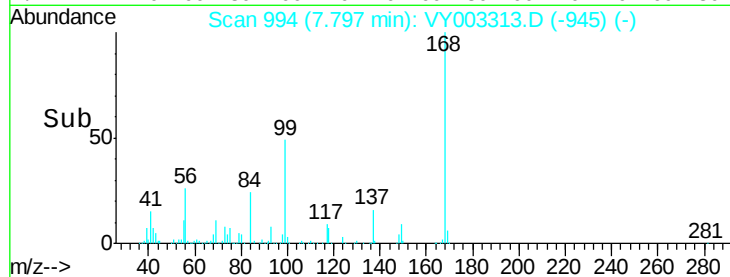
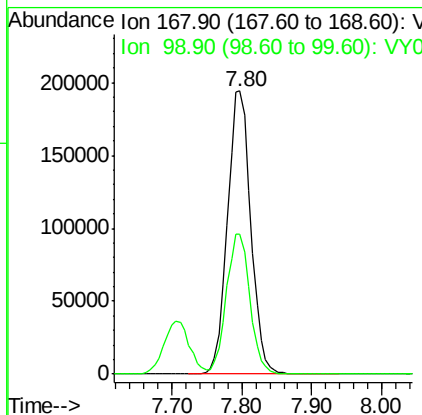
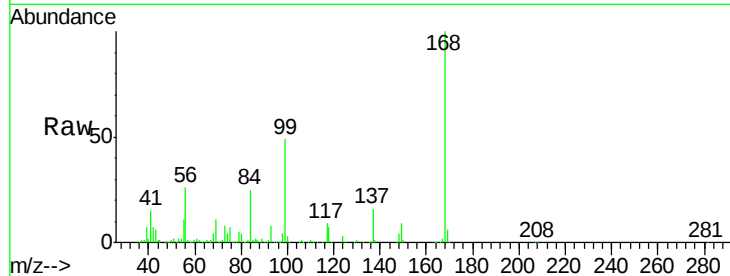
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.3	37.3	55.9

Manual Integrations
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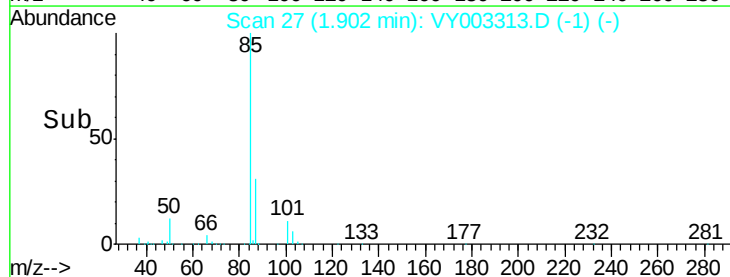
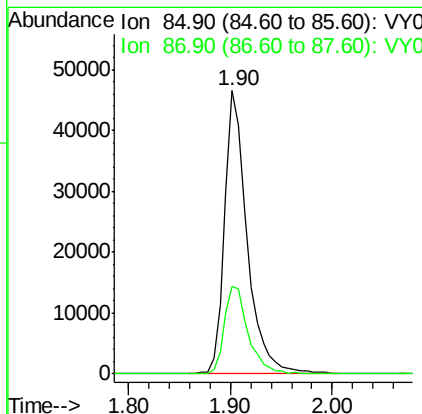
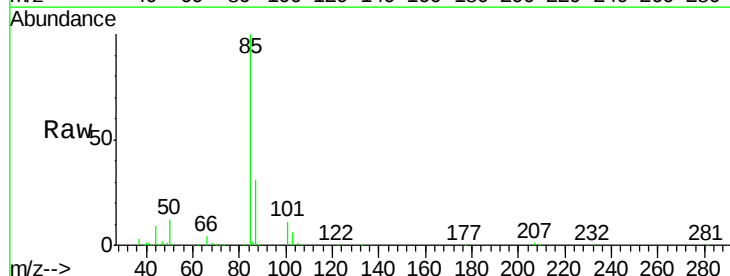
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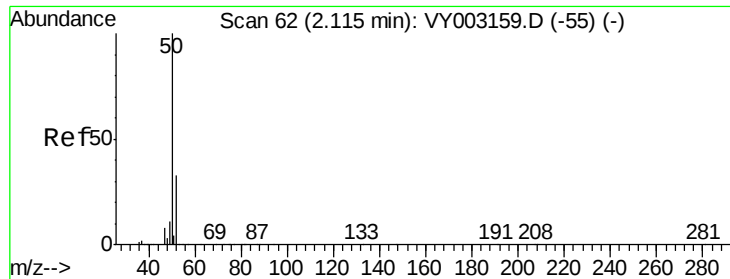


#2

Dichlorodifluoromethane
 Concen: 22.181 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.9	47.7





#3

Chloromethane

Concen: 21.012 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 50 Resp: 93829

Ion Ratio Lower Upper

50 100

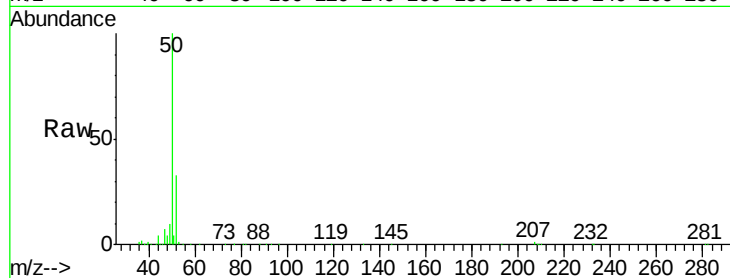
52 32.9 26.6 39.8

Manual Integrations

APPROVED

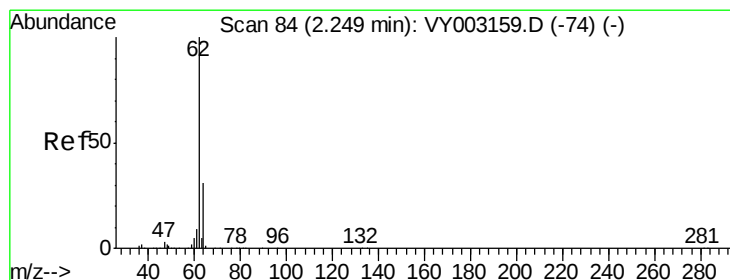
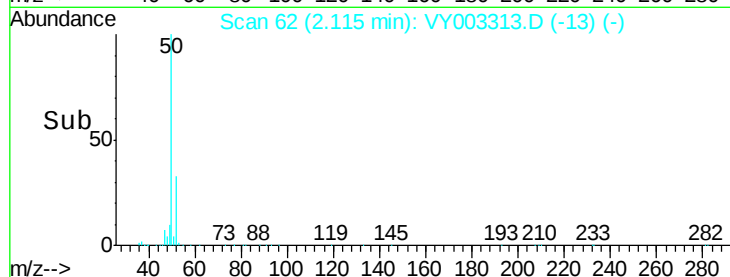
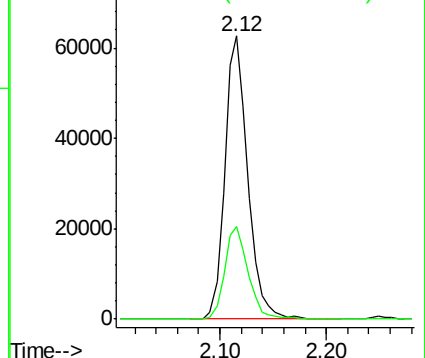
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.702 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY003313.D

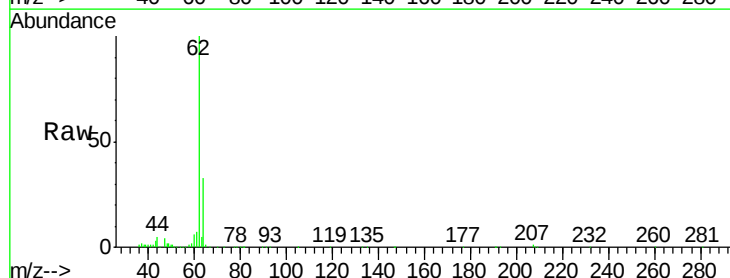
Acq: 23 Jul 2020 13:43

Tgt Ion: 62 Resp: 99434

Ion Ratio Lower Upper

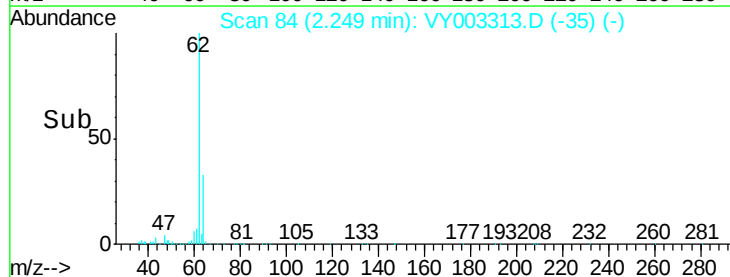
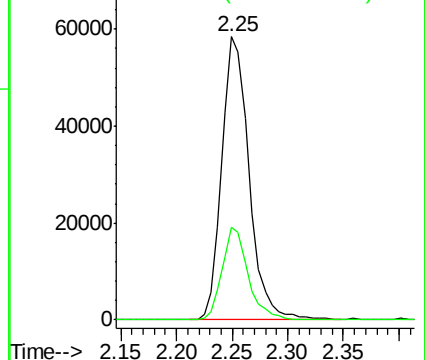
62 100

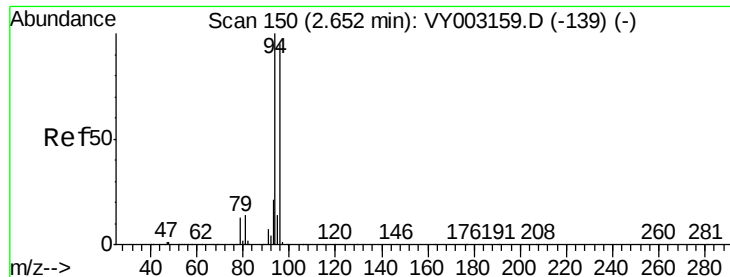
64 32.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.403 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 94 Resp: 76240

Ion Ratio Lower Upper

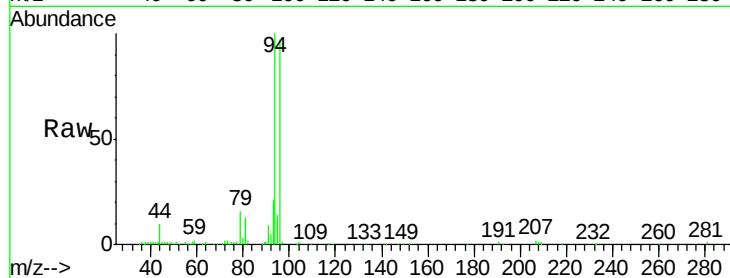
94 100

96 96.7 76.0 114.0

Manual Integrations
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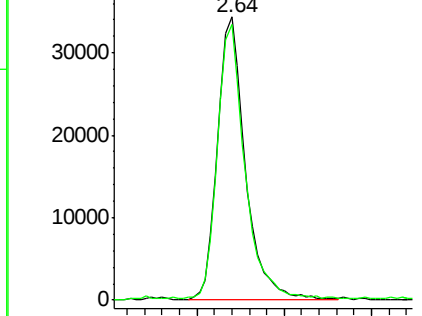
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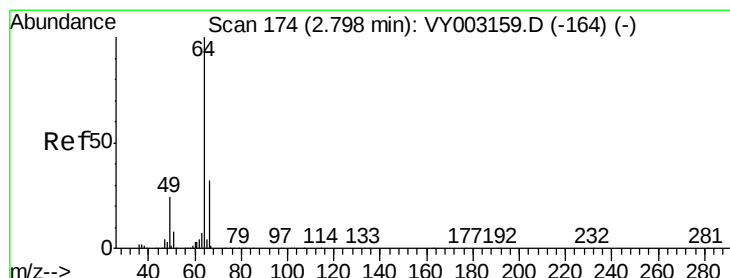
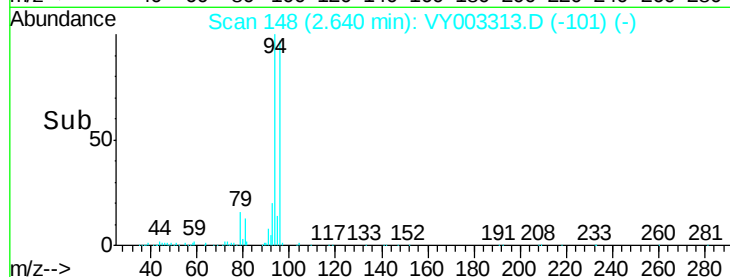


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



Time-->



#6

Chloroethane

Concen: 20.749 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003313.D

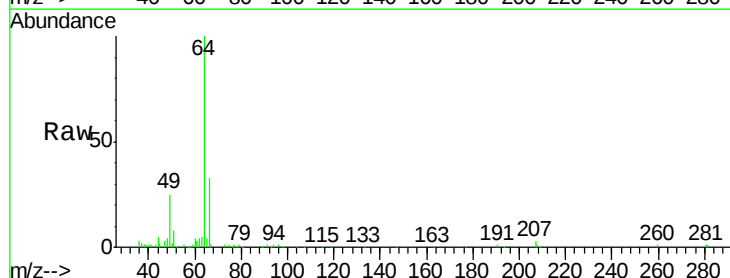
Acq: 23 Jul 2020 13:43

Tgt Ion: 64 Resp: 62441

Ion Ratio Lower Upper

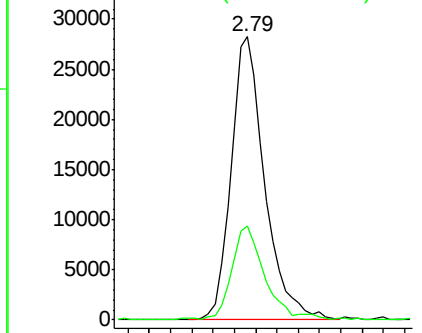
64 100

66 32.5 26.0 39.0

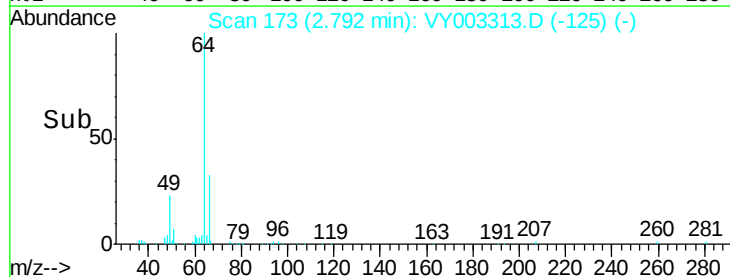


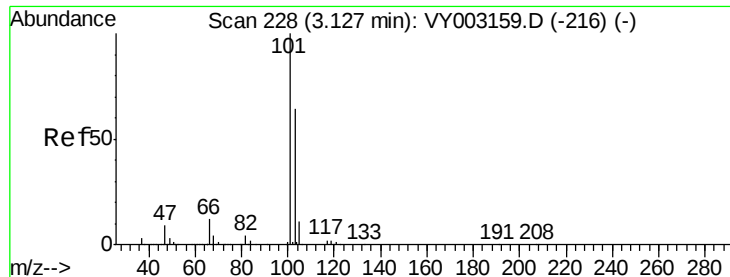
Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



Time-->





#7

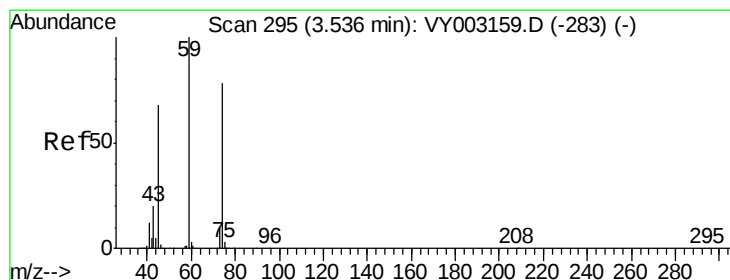
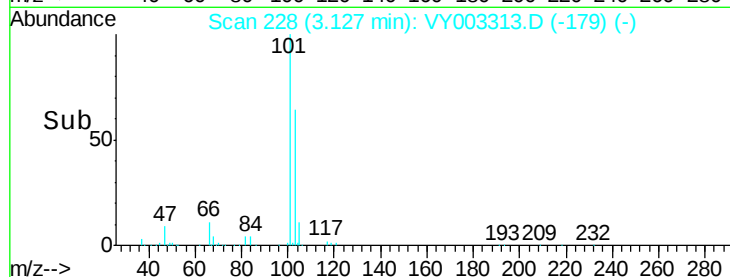
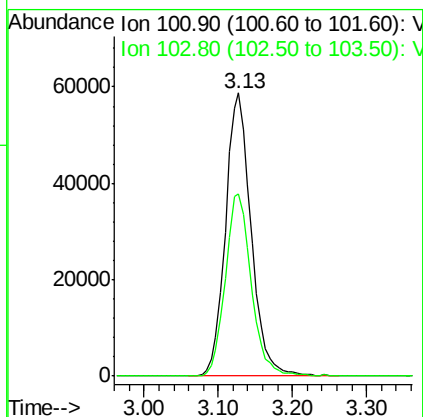
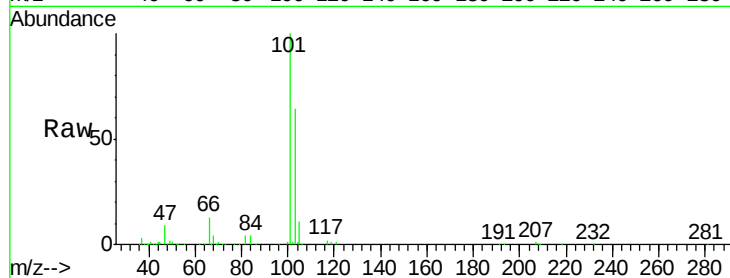
Trichlorofluoromethane
Concen: 21.573 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	141155		
103	64.4	51.3	76.9	

Manual Integrations
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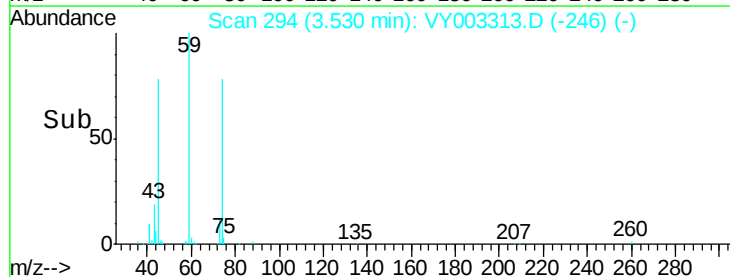
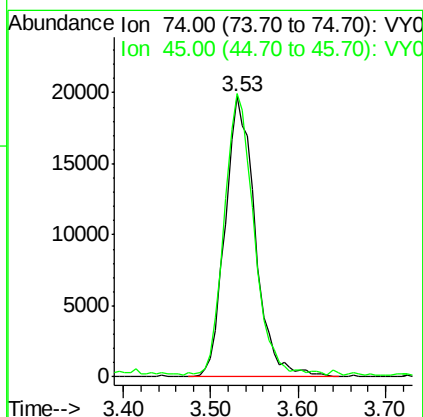
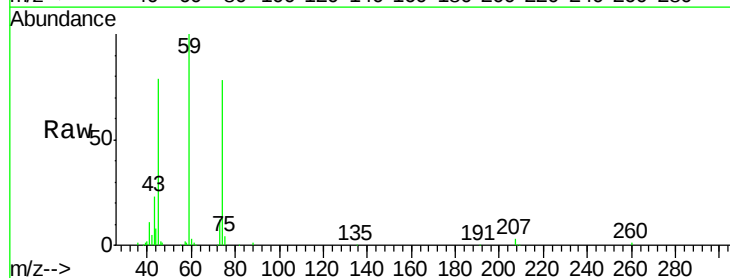
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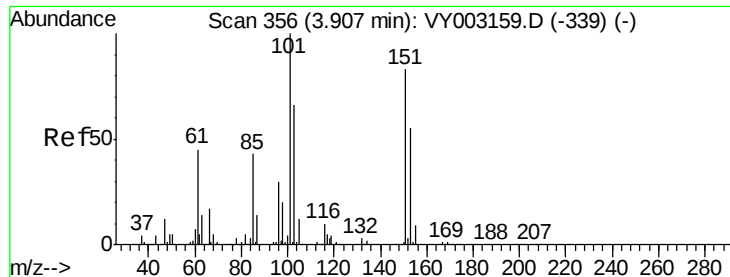


#8

Diethyl Ether
Concen: 21.602 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	47364		
45	99.1	45.3	135.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.059 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

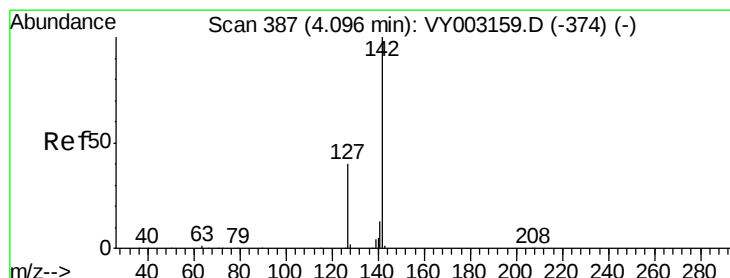
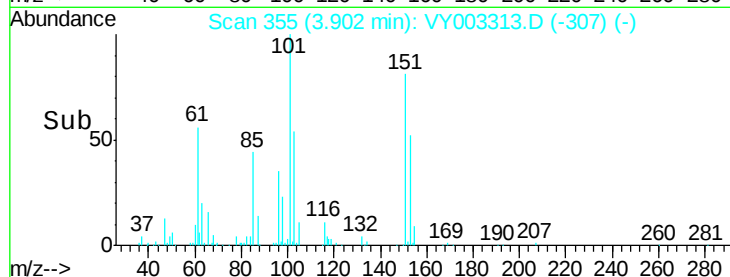
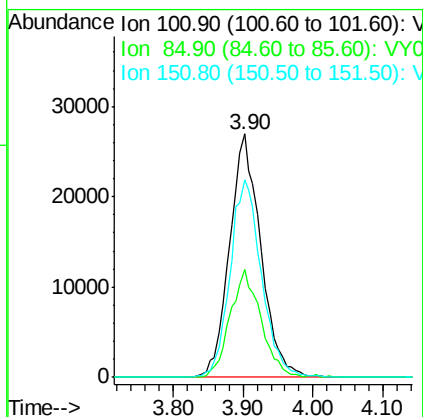
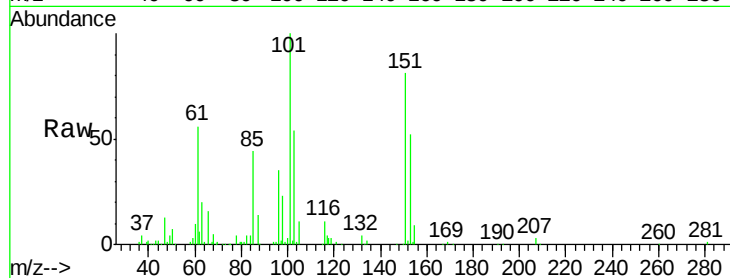
ClientSampleId :

VY0723SBS01

Tot Ion:	101	Resp:	83220
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	81.7	67.0	100.6

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#10

Methyl Iodide

Concen: 18.649 ug/l

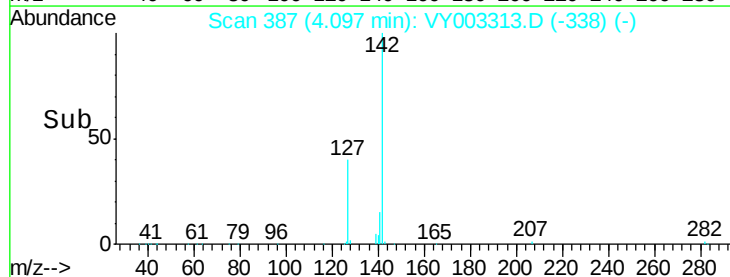
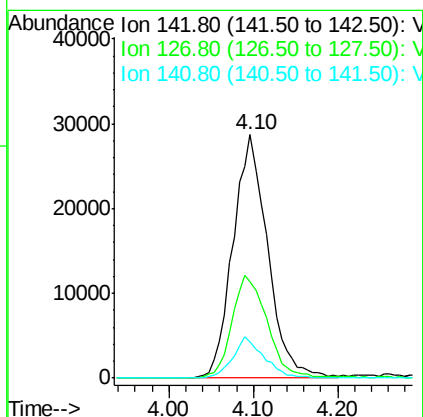
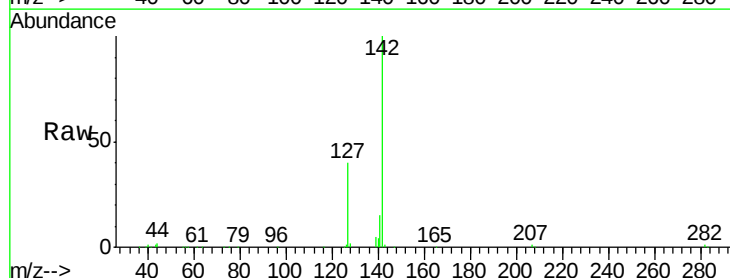
RT: 4.10 min Scan# 387

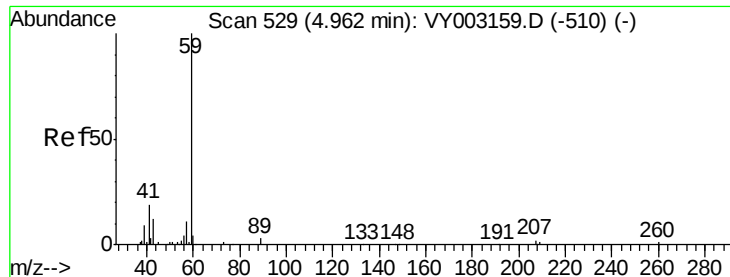
Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion:	142	Resp:	80069
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.5	50.3
141	15.2	11.2	16.8





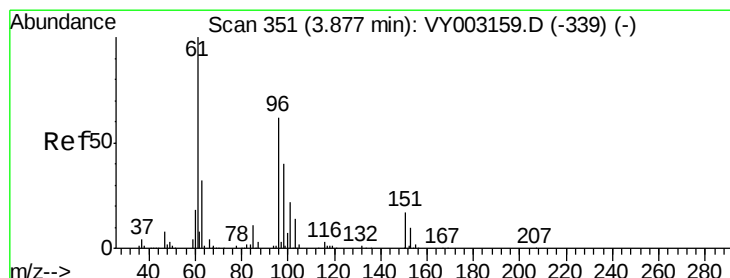
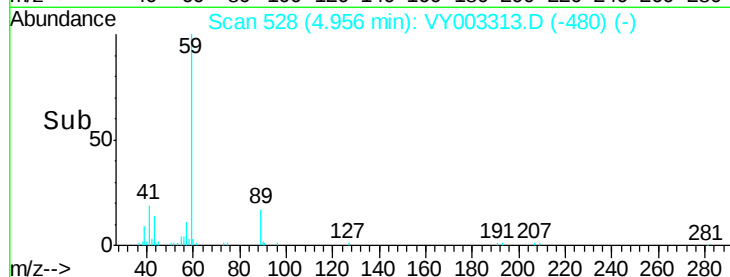
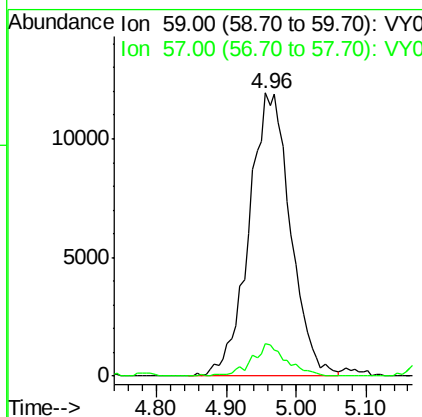
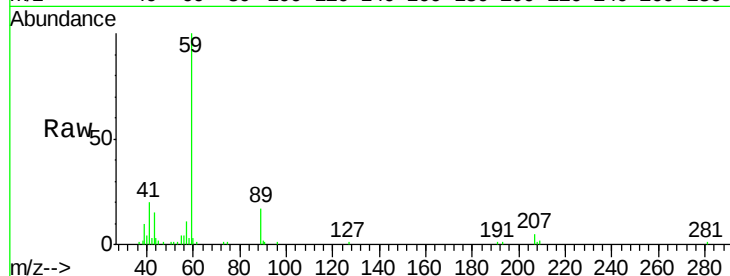
#11
Tert butyl alcohol
Concen: 119.916 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.4	12.6

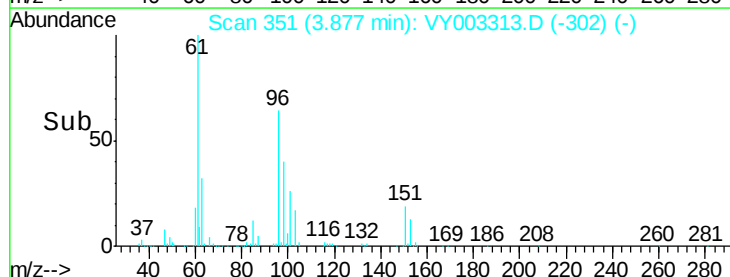
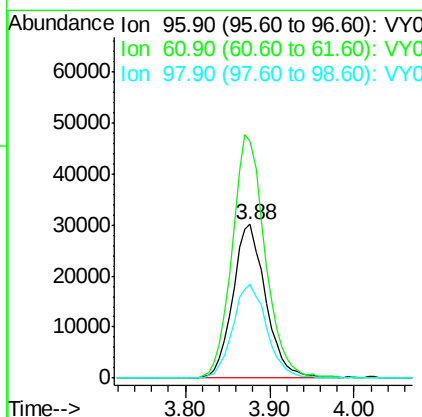
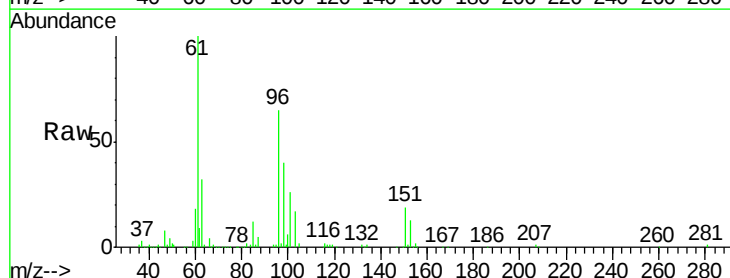
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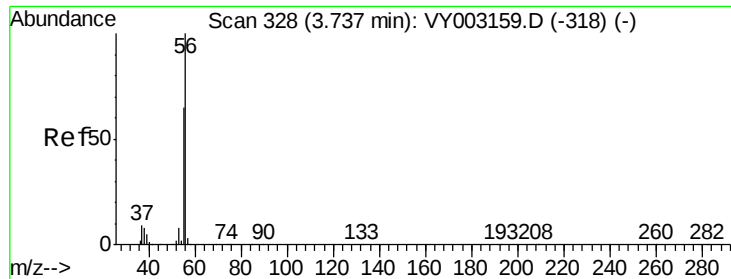
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.333 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	128.6	193.0
98	61.2	51.6	77.4





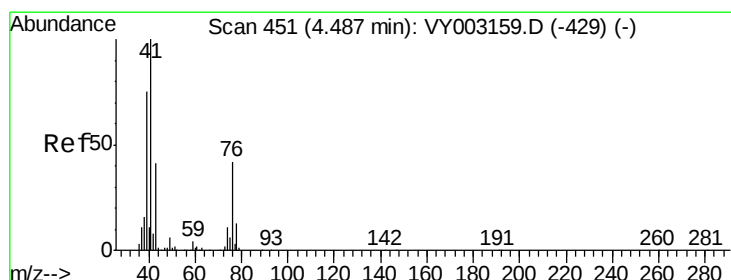
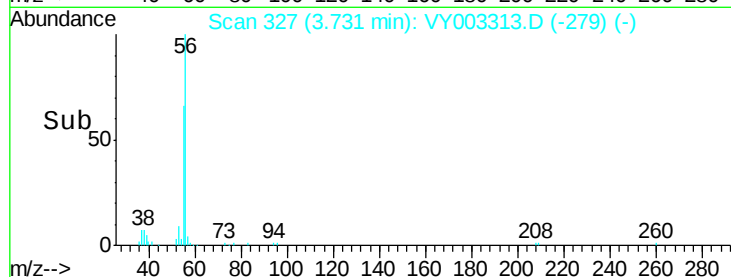
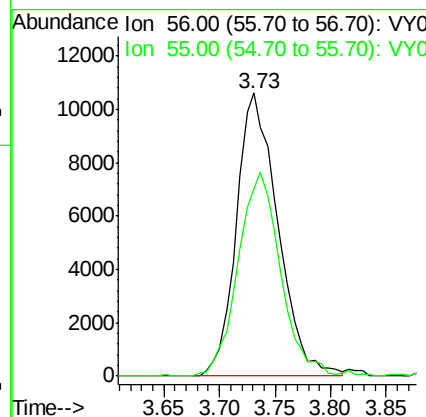
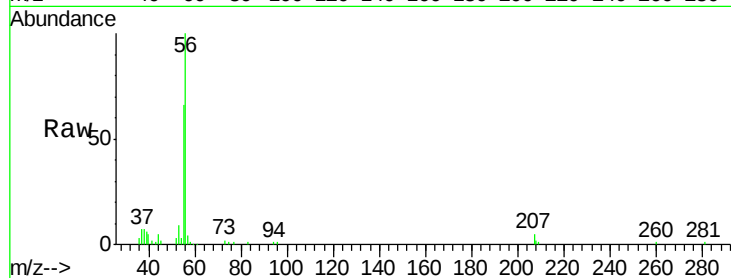
#13
Acrolein
Concen: 77.130 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	56	Resp	27445
Ion Ratio	100	Lower	Upper
55	73.6	56.0	84.0

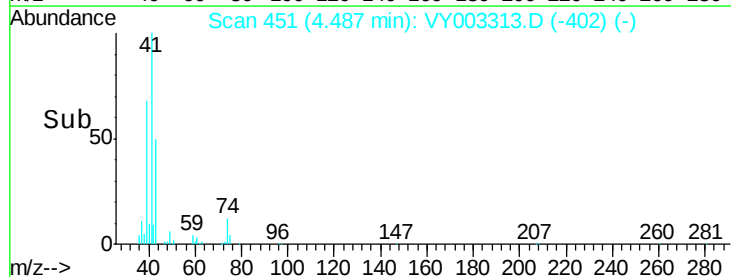
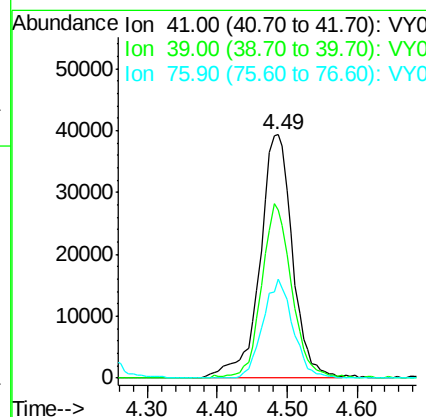
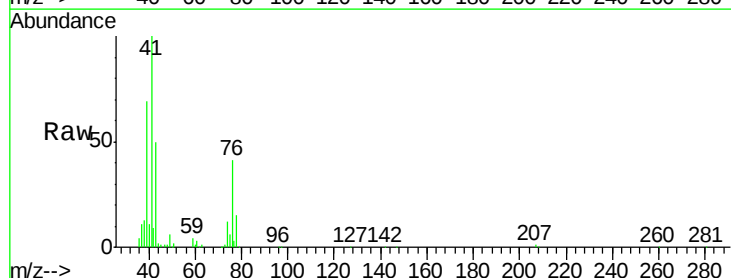
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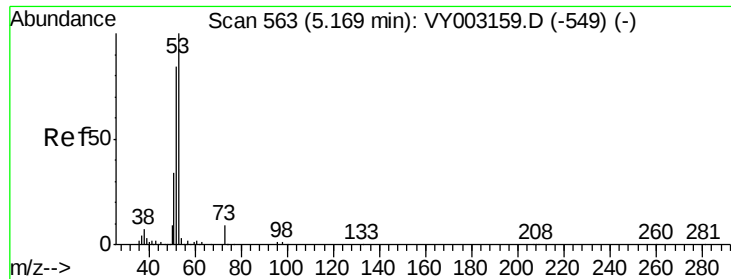
MMDadoda
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#14
Allyl chloride
Concen: 22.983 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	41	Resp	127470
Ion Ratio	100	Lower	Upper
39	66.3	56.6	85.0
76	37.3	31.6	47.4





#15

Acrylonitrile

Concen: 115.368 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

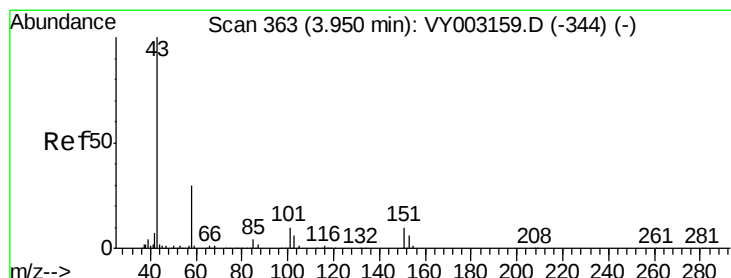
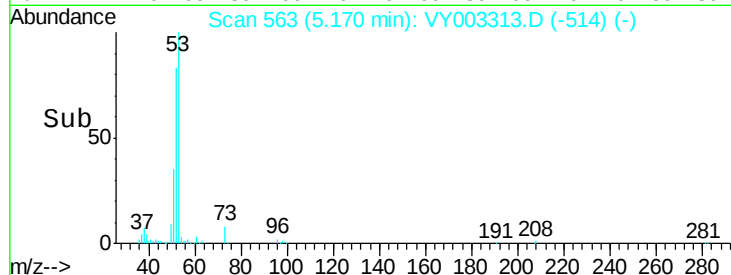
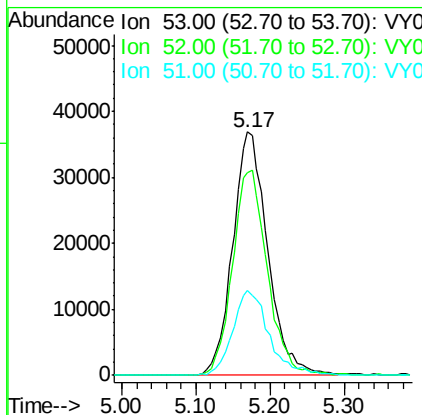
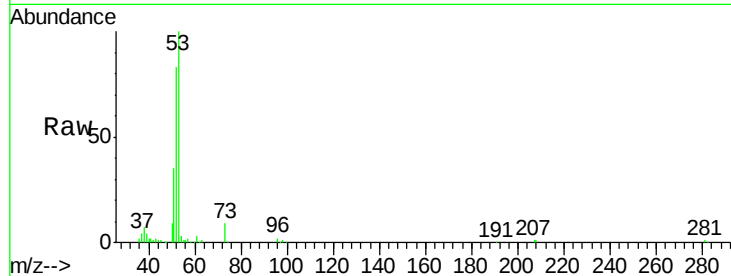
ClientSampleId :

VY0723SBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.6	65.8	98.6	
51	36.0	29.0	43.4	

Manual Integrations
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#16

Acetone

Concen: 124.330 ug/l

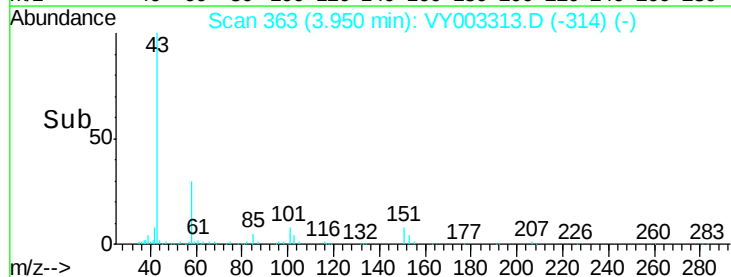
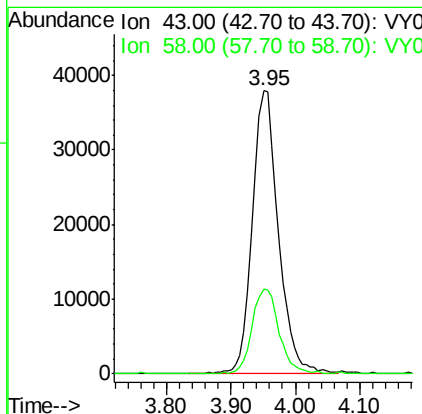
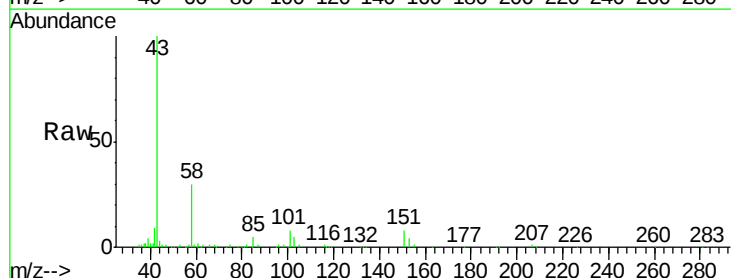
RT: 3.95 min Scan# 363

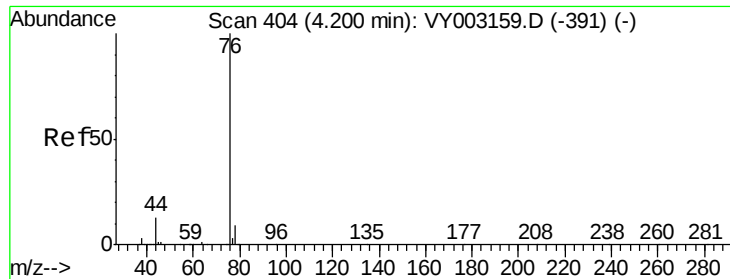
Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	29.7	23.8	35.6	





#17

Carbon Disulfide

Concen: 21.305 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 76 Resp: 244360

Ion Ratio Lower Upper

76 100

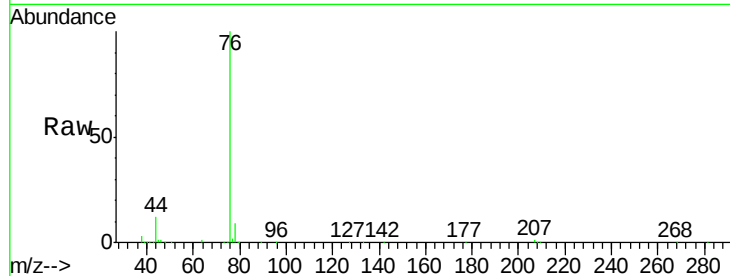
78 8.9 7.3 10.9

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

4.19

80000

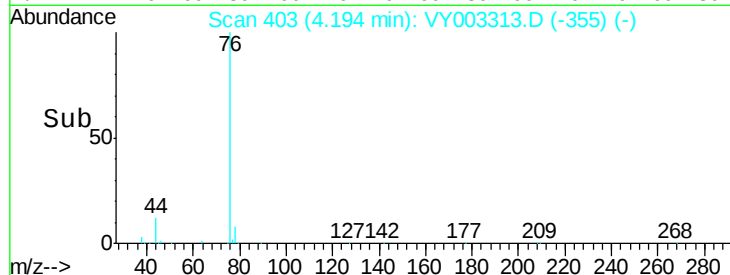
60000

40000

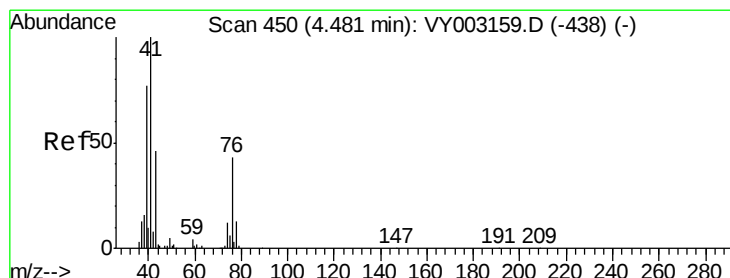
20000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 24.828 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003313.D

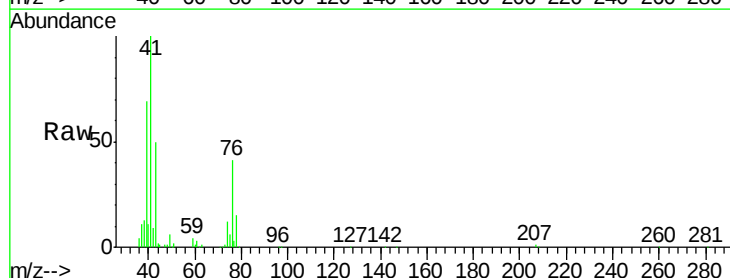
Acq: 23 Jul 2020 13:43

Tgt Ion: 43 Resp: 58390

Ion Ratio Lower Upper

43 100

74 24.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

20000

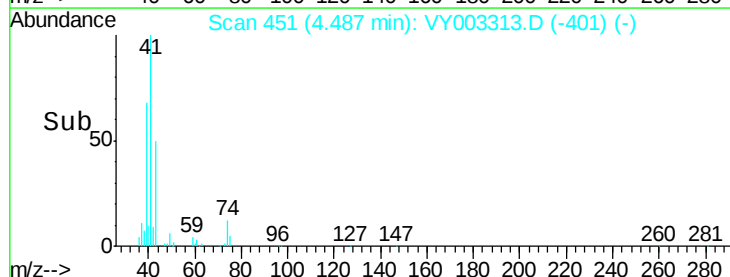
15000

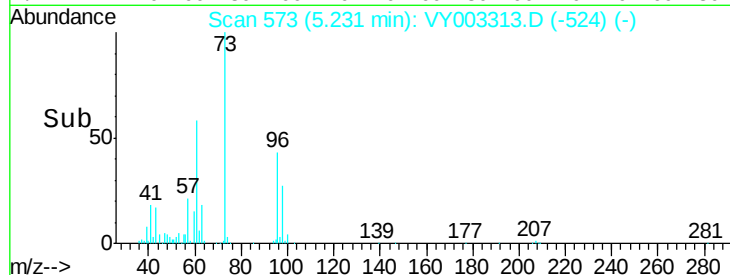
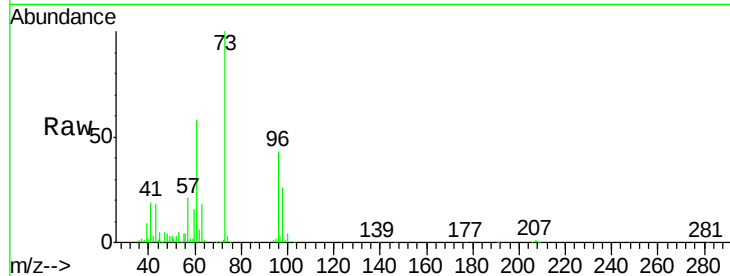
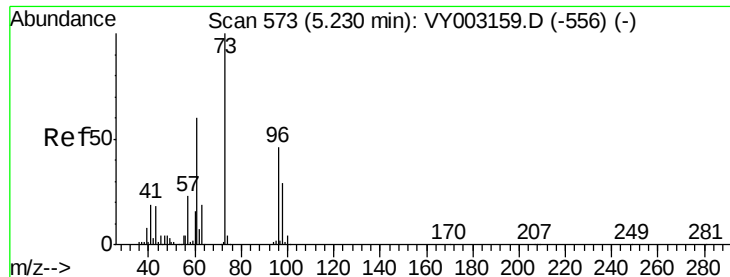
10000

5000

0

Time-->





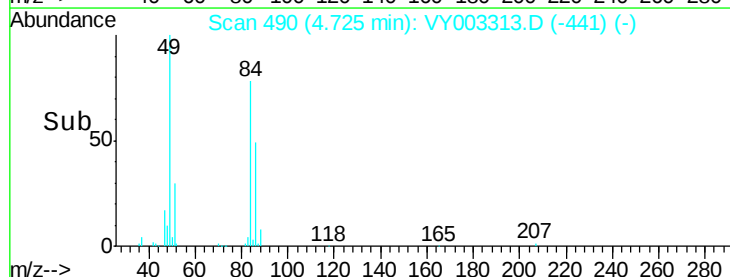
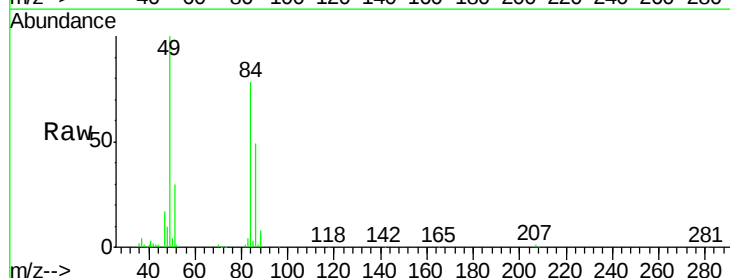
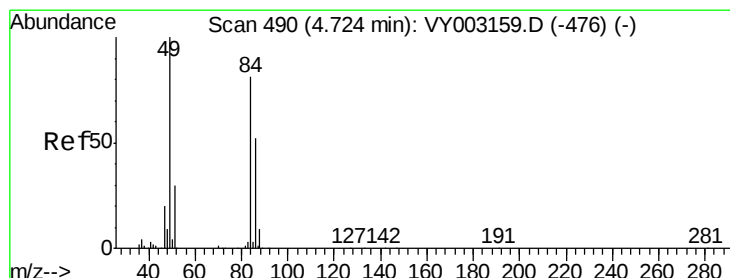
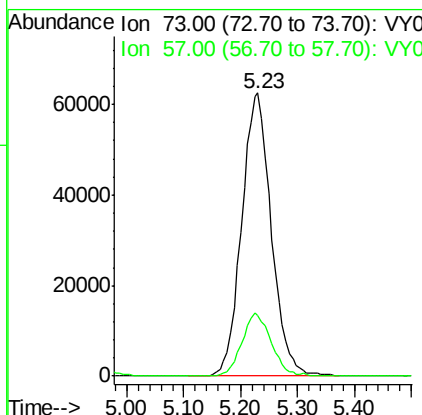
#19
Methvl tert-butvl Ether
Concen: 21.527 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.1	27.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

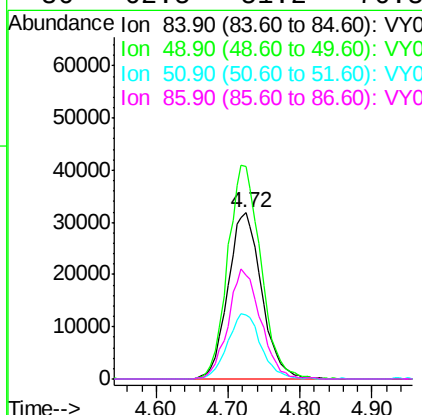
Manual Integrations
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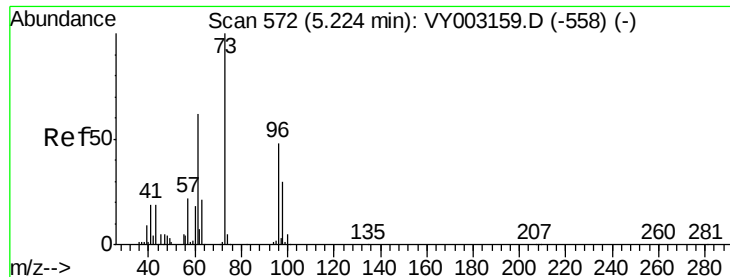
MMDadoda
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#20
Methylene Chloride
Concen: 21.138 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	98.2	147.4
51	38.7	29.8	44.6
86	62.5	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 20.912 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 96 Resp: 88410

Ion Ratio Lower Upper

96 100

61 141.7 102.5 153.7

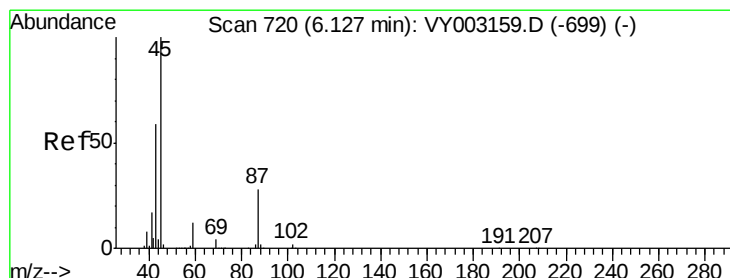
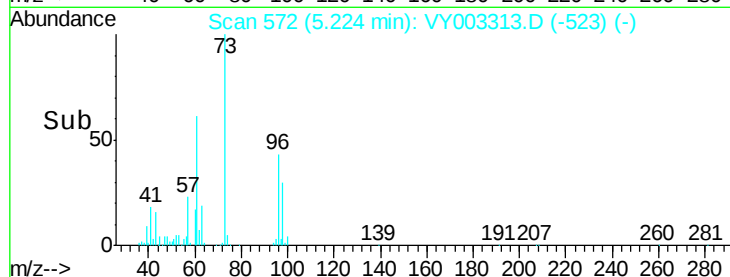
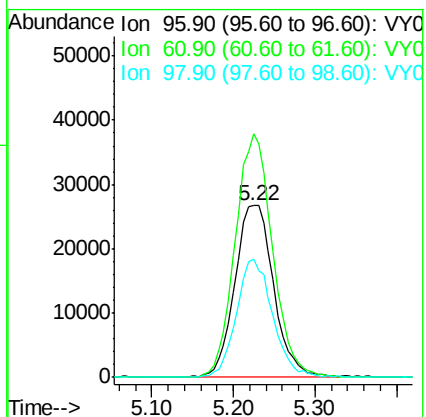
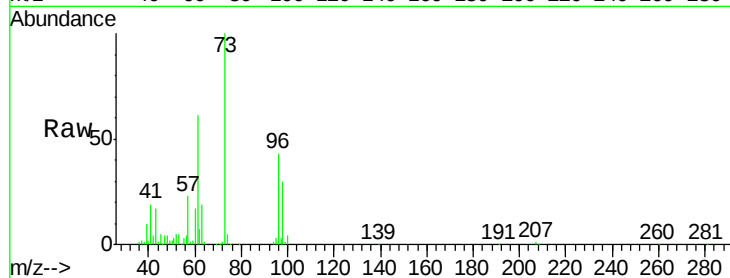
98 69.1 49.8 74.8

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#22

Diisopropyl ether

Concen: 22.686 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion: 45 Resp: 279242

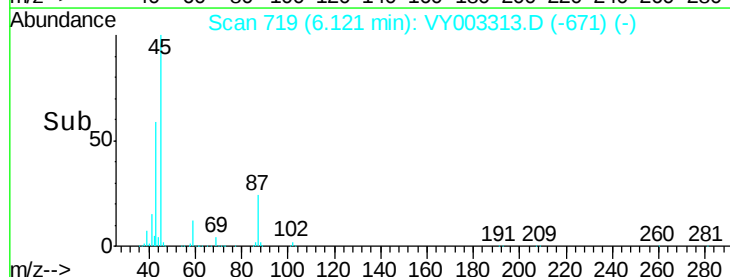
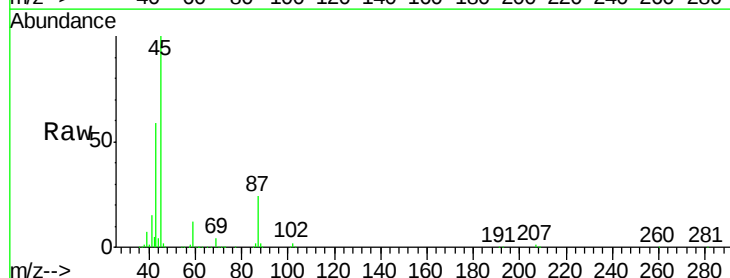
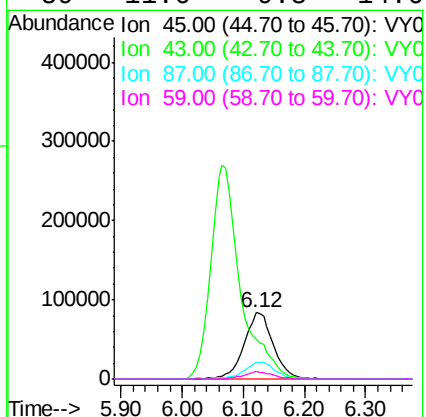
Ion Ratio Lower Upper

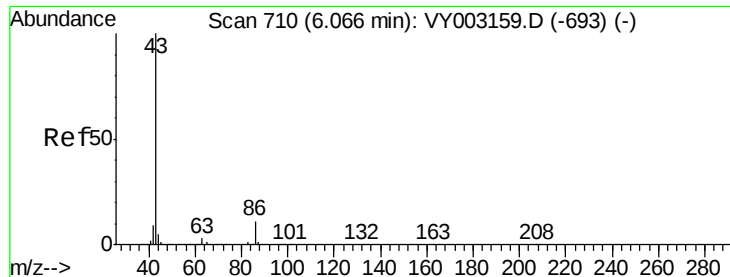
45 100

43 58.6 47.0 70.4

87 24.4 22.6 33.8

59 11.6 9.8 14.6





#23

Vinyl Acetate

Concen: 112.123 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 43 Resp: 919901

Ion Ratio Lower Upper

43 100

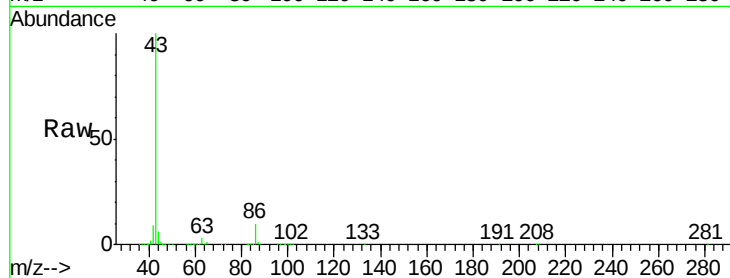
86 10.5 8.8 13.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

250000

200000

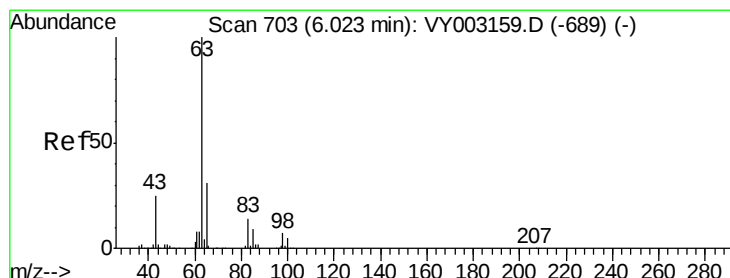
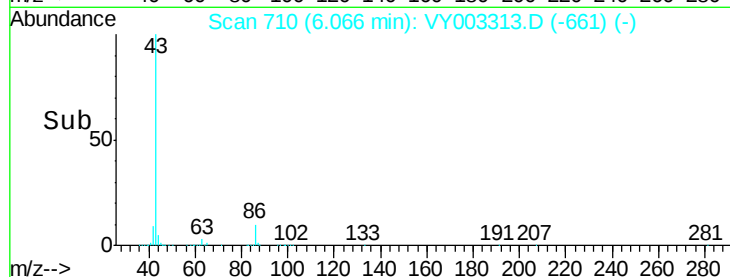
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.543 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

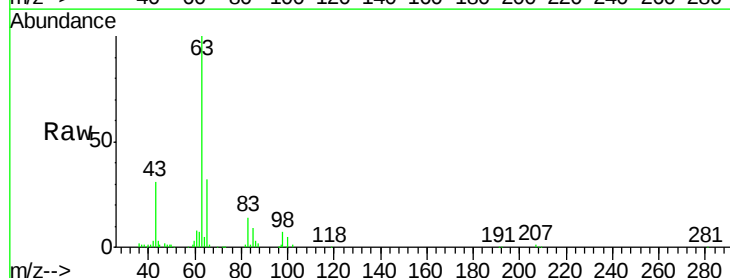
Tgt Ion: 63 Resp: 153629

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

60000

50000

40000

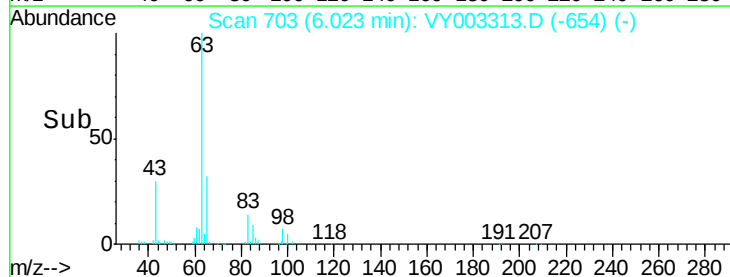
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 118.207 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 43 Resp: 164362

Ion Ratio Lower Upper

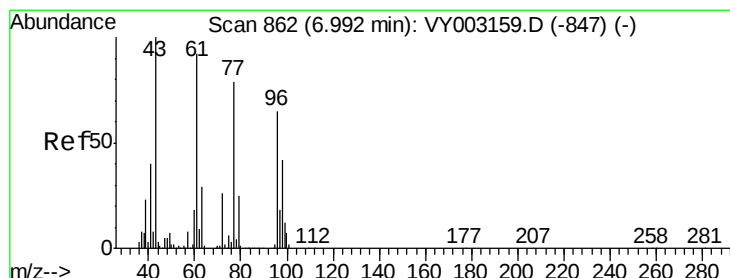
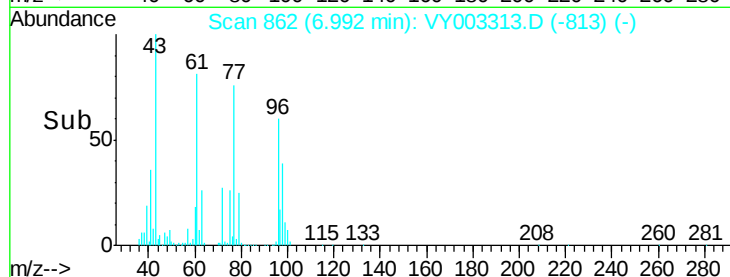
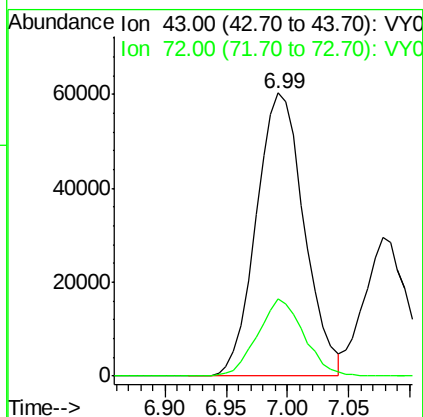
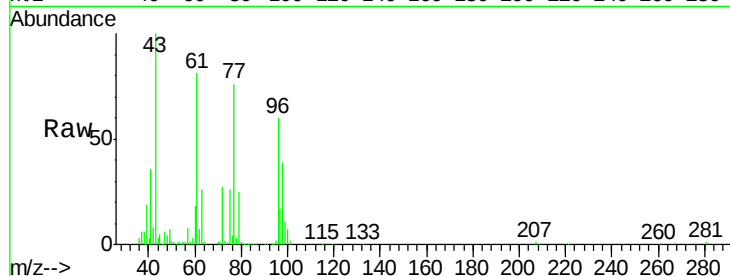
43 100

72 27.2 20.9 31.3

Manual Integrations
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MMDadoda

7/24/2020 12:58:30 PM



#26

2,2-Dichloropropane

Concen: 22.284 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003313.D

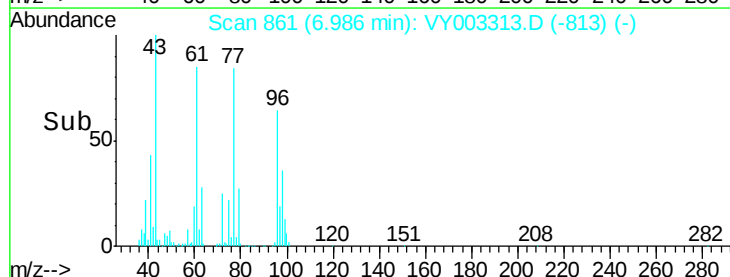
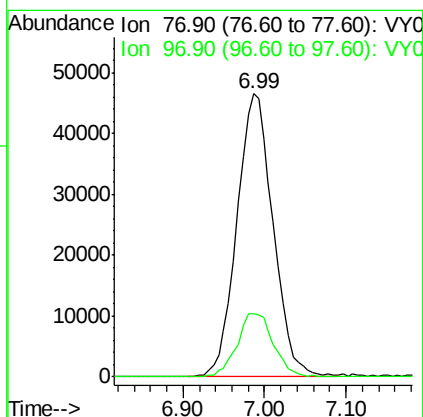
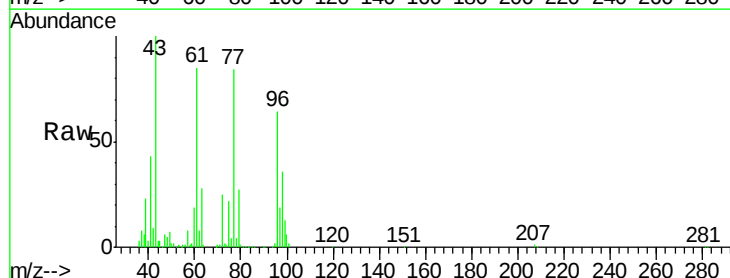
Acq: 23 Jul 2020 13:43

Tgt Ion: 77 Resp: 143113

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7





#27

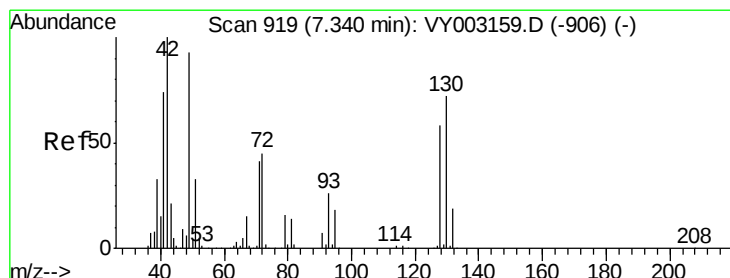
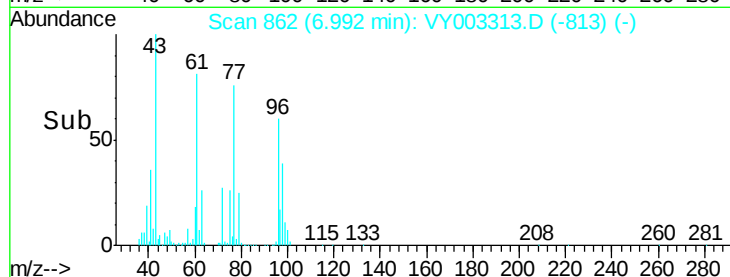
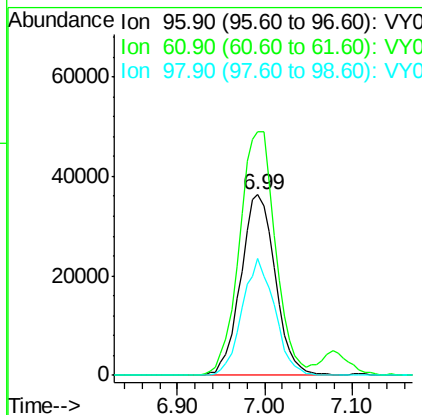
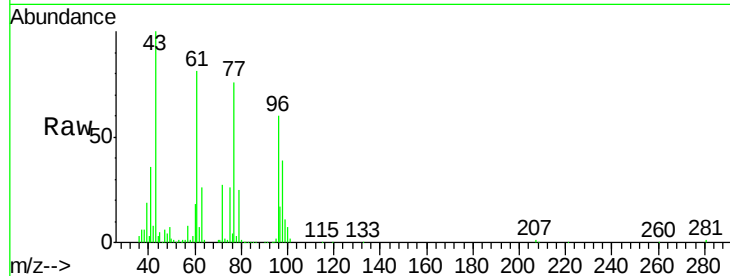
cis-1,2-Dichloroethene
Concen: 21.440 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	281.2
98	61.1	0.0	129.8

Manual Integrations
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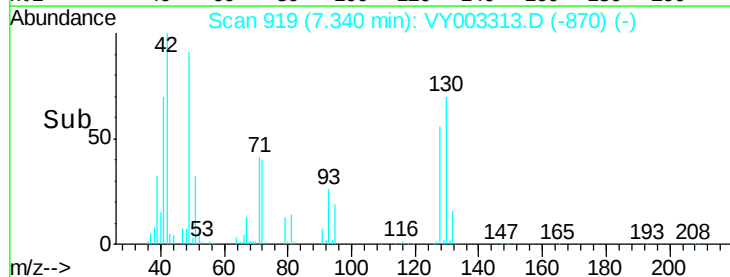
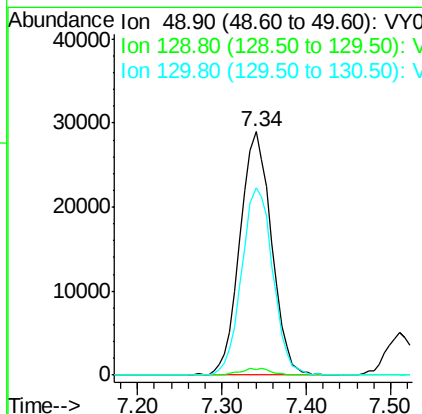
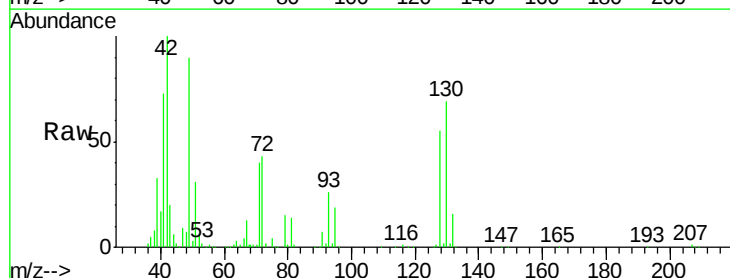
MMDadoda
7/24/2020 12:58:30 PM

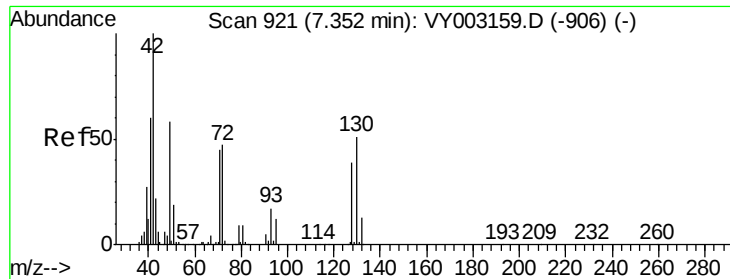


#28

Bromochloromethane
Concen: 23.765 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	76.0	64.9	97.3





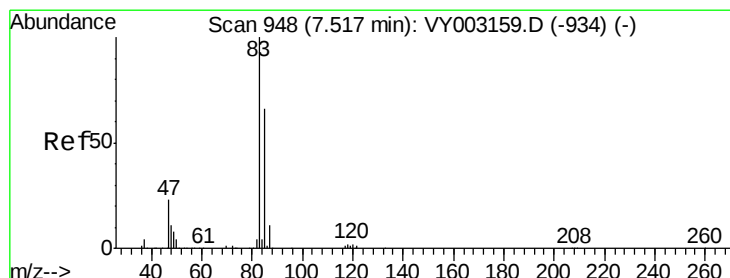
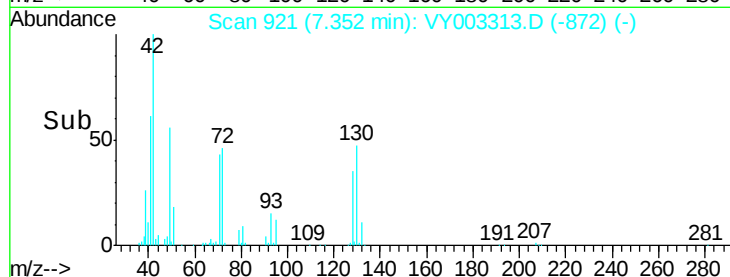
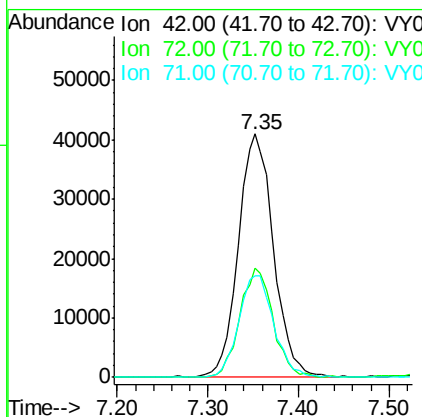
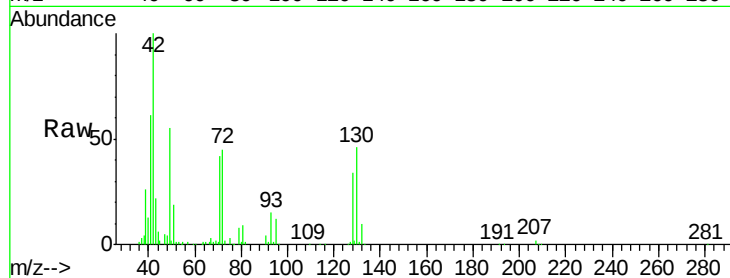
#29
Tetrahydrofuran
Concen: 117.686 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	36.7	55.1
71	41.7	34.2	51.4

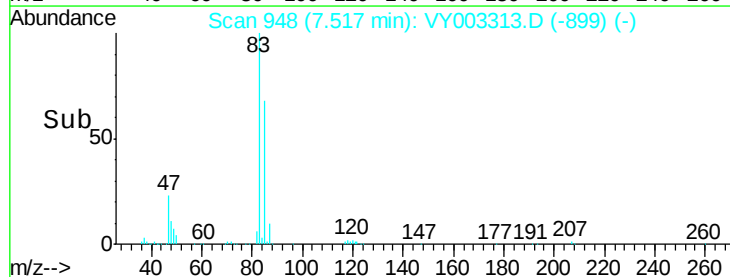
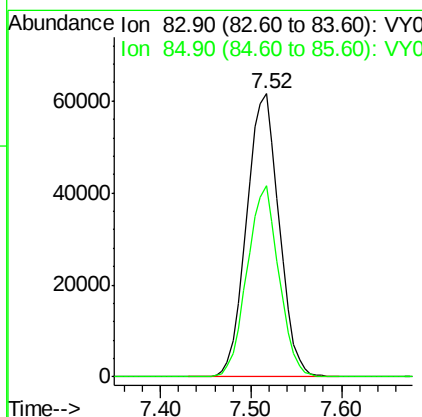
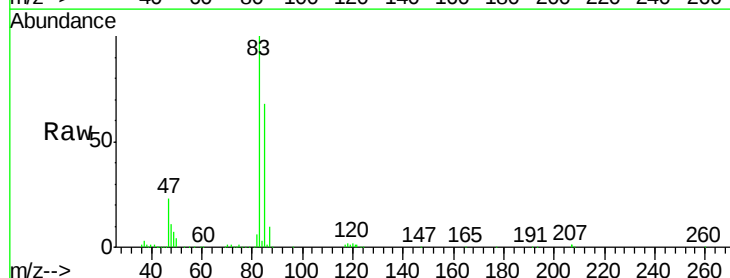
Manual Integrations
APPROVED

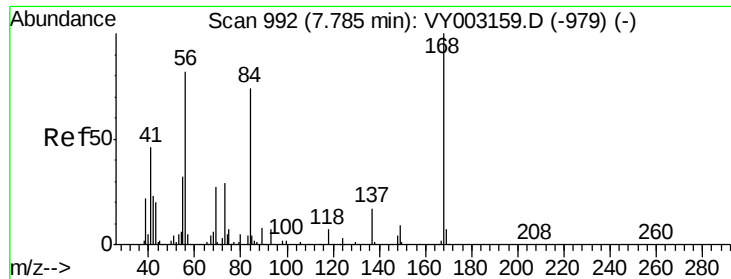
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#30
Chloroform
Concen: 20.836 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.6	78.8





#31

Cyclohexane

Concen: 21.596 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

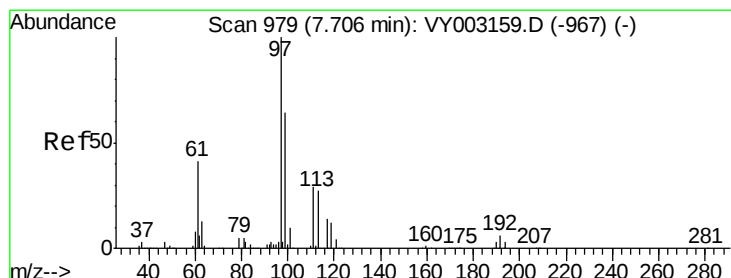
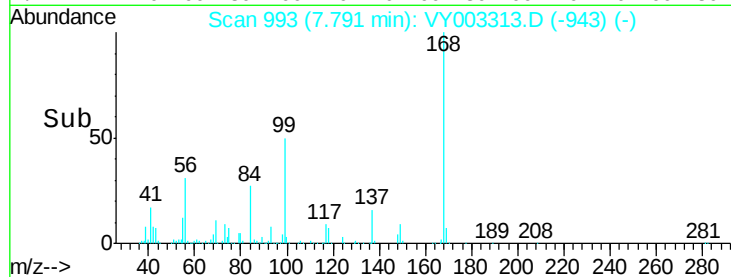
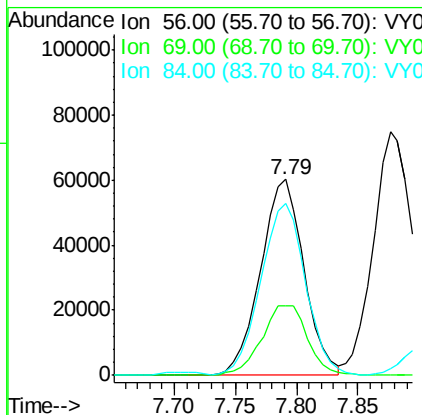
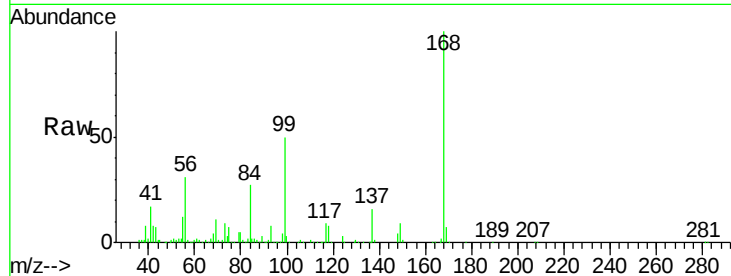
ClientSampleId :

VY0723SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	35.1	26.7	40.1	
84	86.8	72.3	108.5	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.271 ug/l

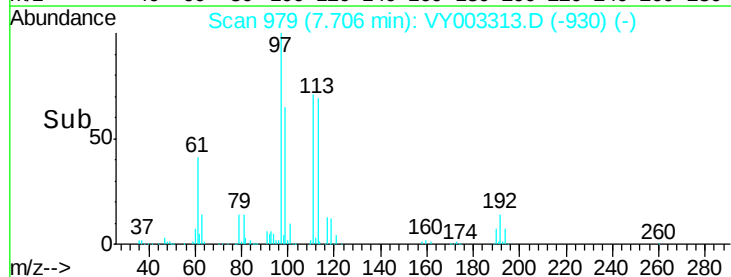
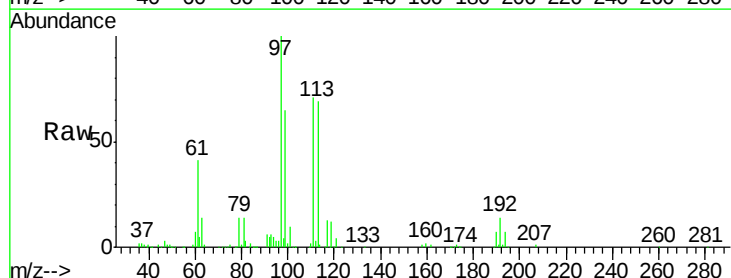
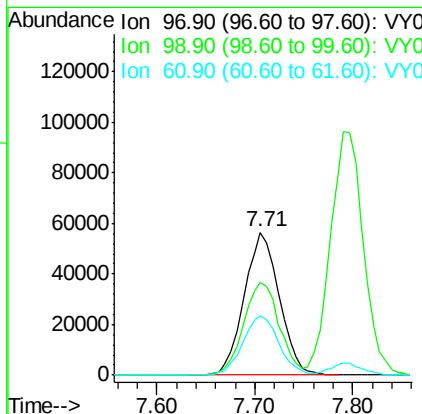
RT: 7.71 min Scan# 979

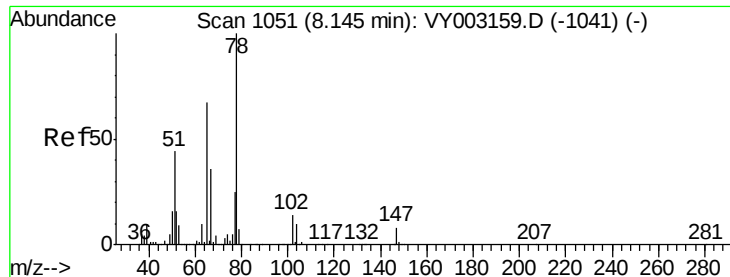
Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.8	52.1	78.1	
61	42.4	33.9	50.9	





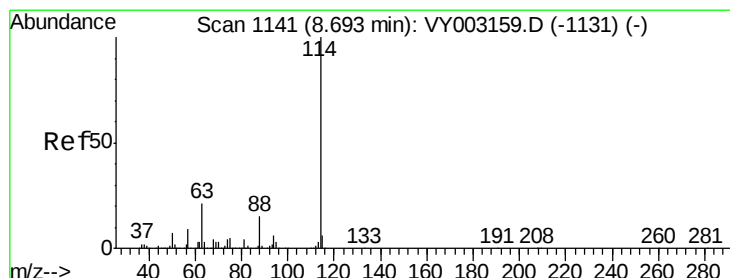
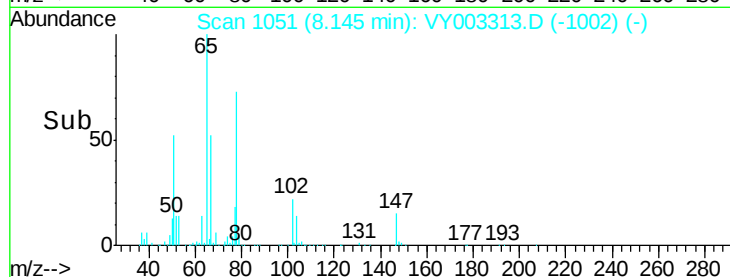
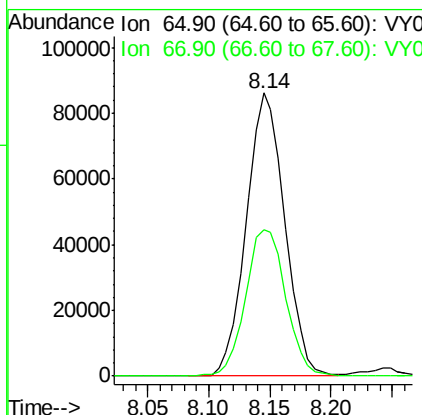
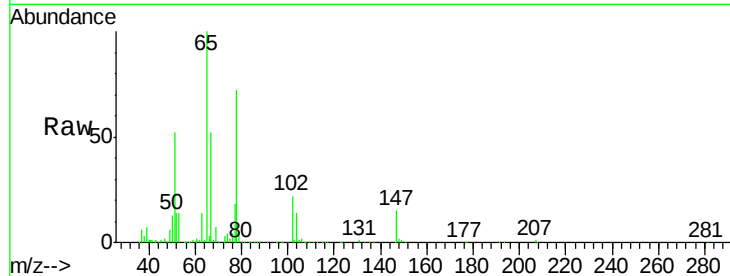
#33
 1,2-Dichloroethane-d4
 Concen: 49.635 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.4	0.0	105.2	

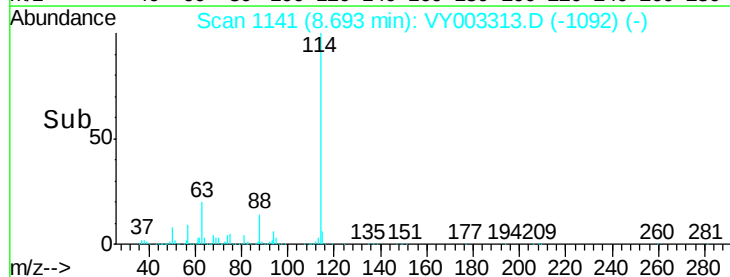
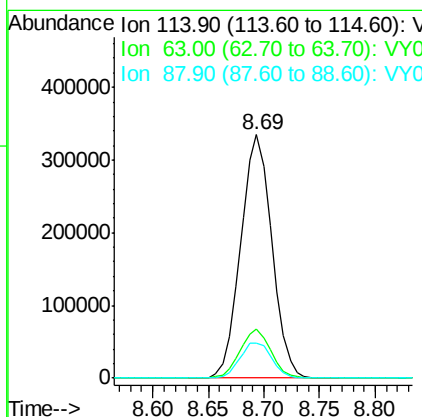
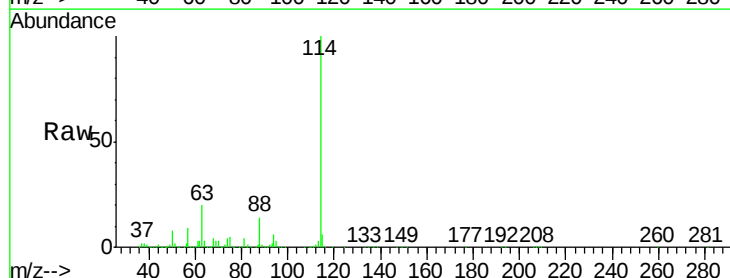
Manual Integrations
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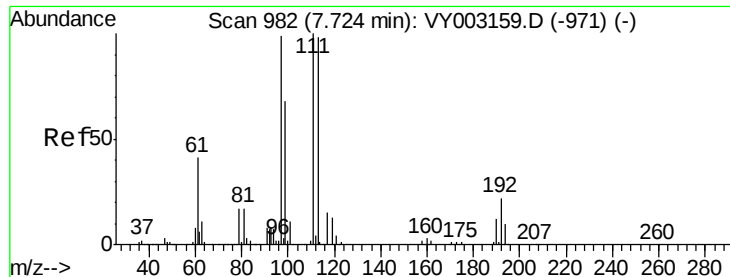
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	41.2	
88	14.3	0.0	30.2	





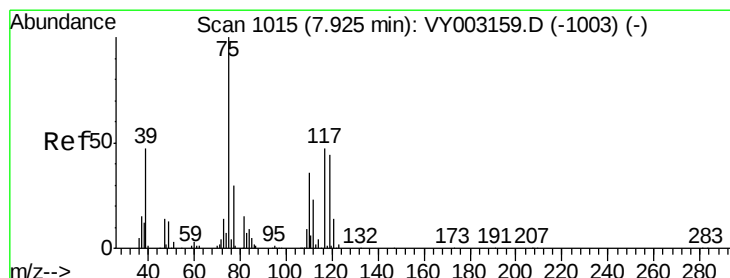
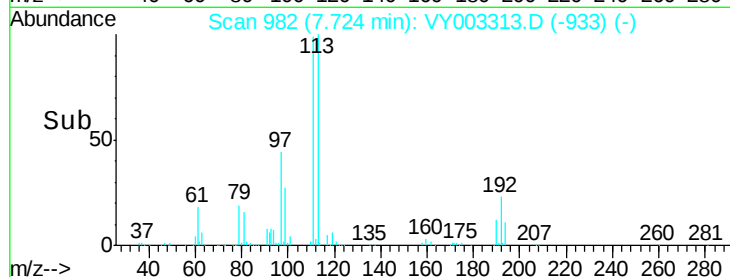
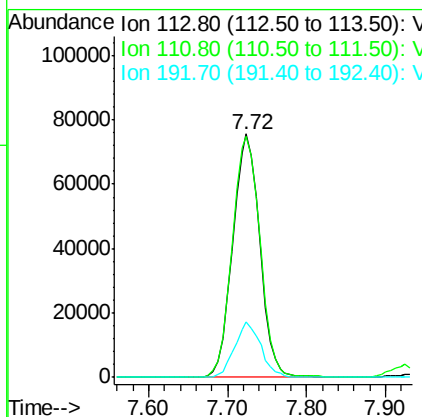
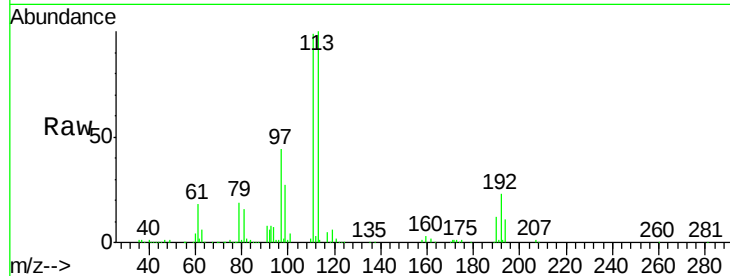
#35
 Dibromofluoromethane
 Concen: 48.004 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179890		
111	102.1	82.1	123.1	
192	22.4	18.8	28.2	

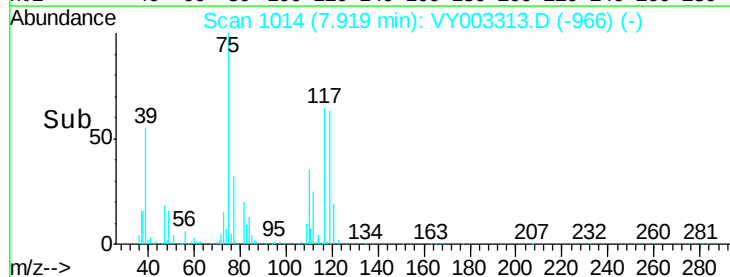
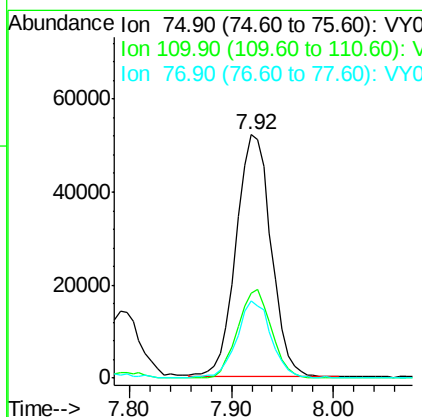
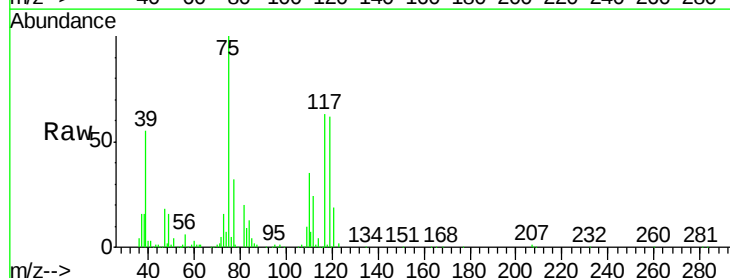
Manual Integrations
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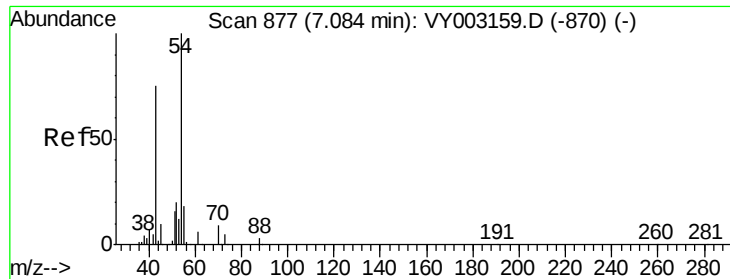
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#36
 1,1-Dichloropropene
 Concen: 21.052 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124248		
110	35.2	18.1	54.1	
77	31.4	24.8	37.2	





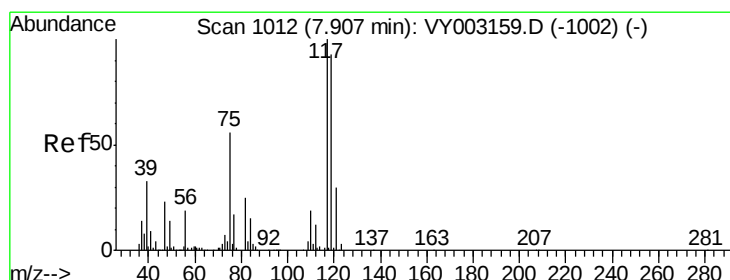
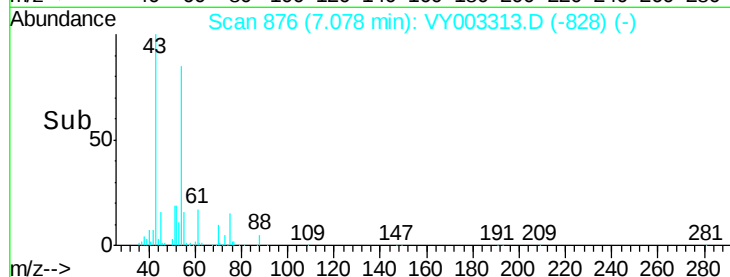
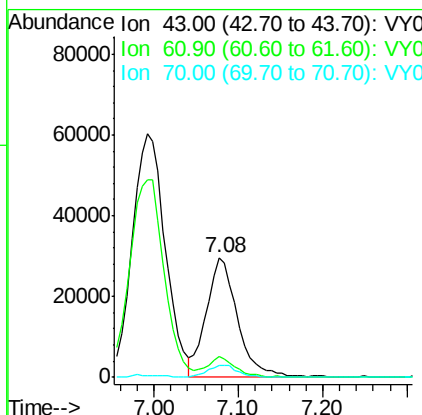
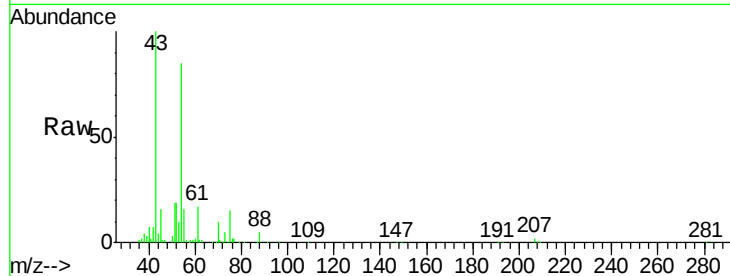
#37
Ethyl Acetate
Concen: 24.004 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.8	17.6
70	9.9	8.6	13.0

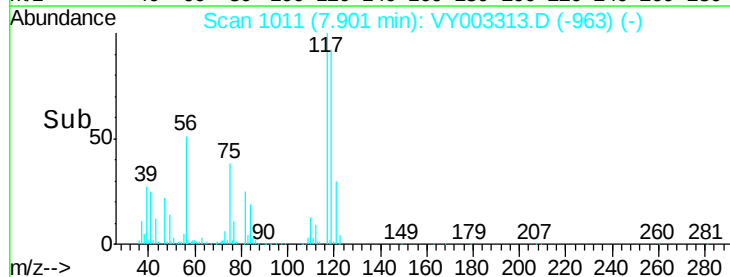
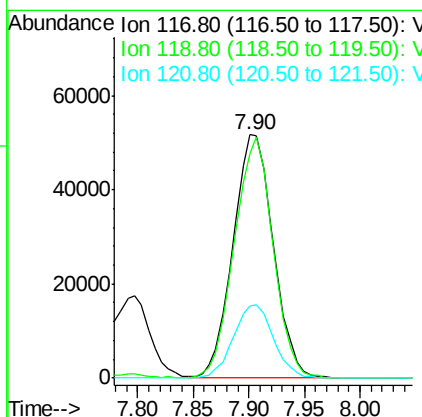
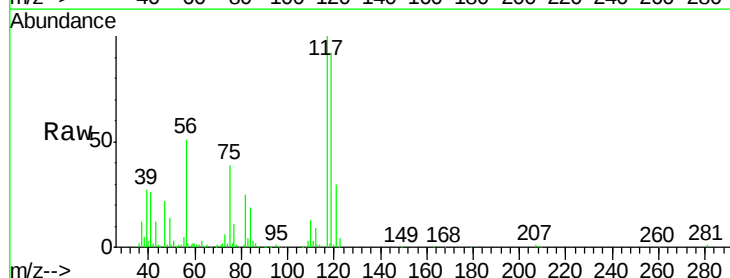
Manual Integrations
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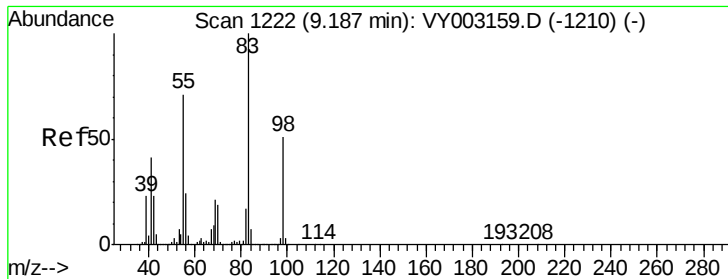
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#38
Carbon Tetrachloride
Concen: 21.347 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.5	111.7
121	29.6	24.2	36.2





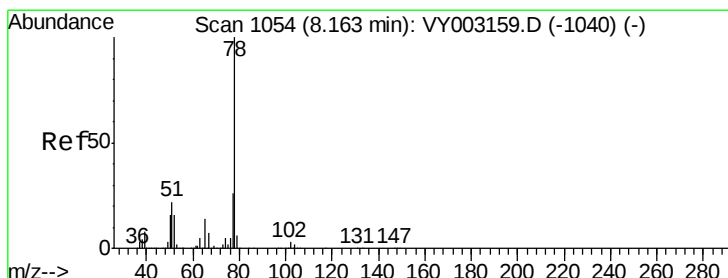
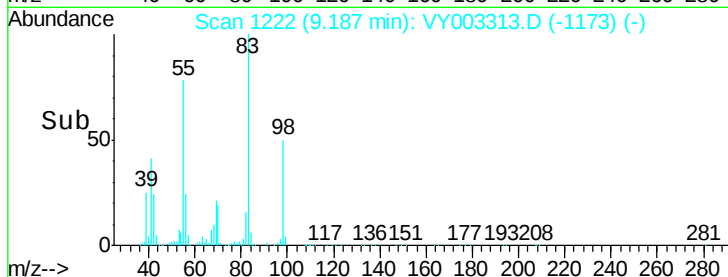
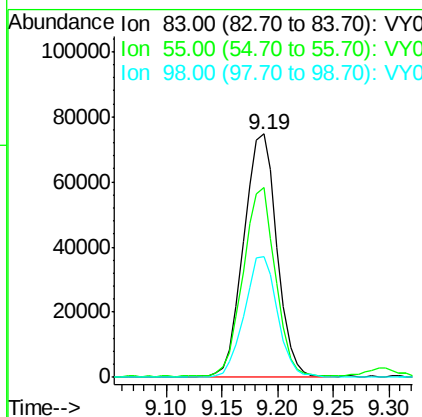
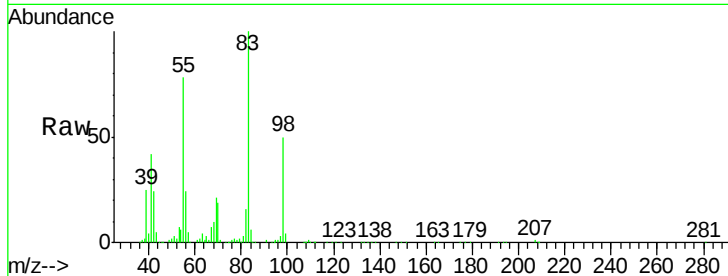
#39
Methvlcvclohexane
Concen: 21.018 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	57.2	85.8
98	49.6	41.0	61.6

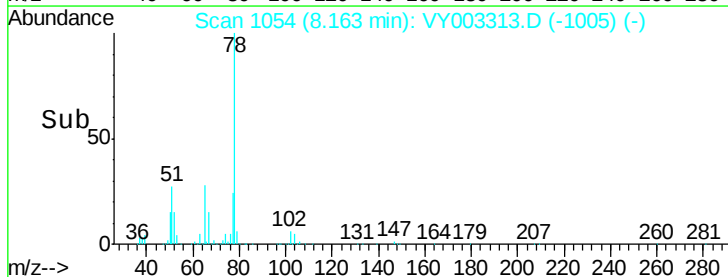
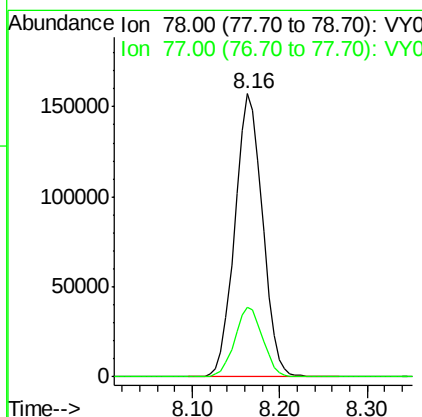
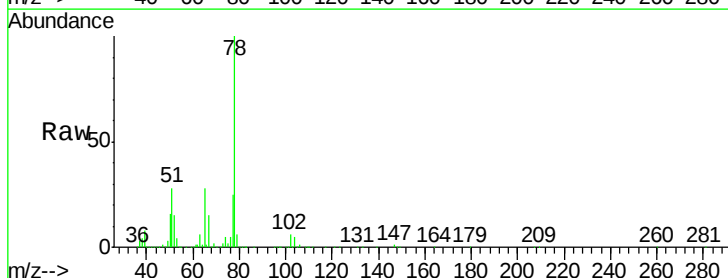
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#40
Benzene
Concen: 21.340 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.7	31.1





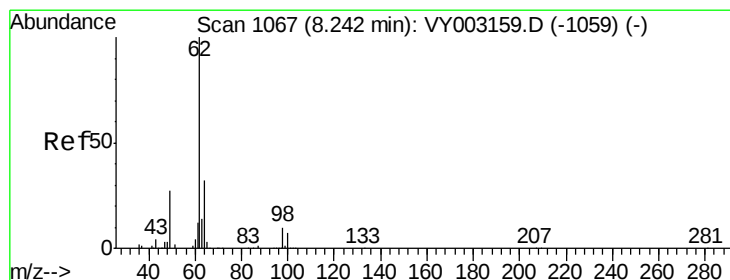
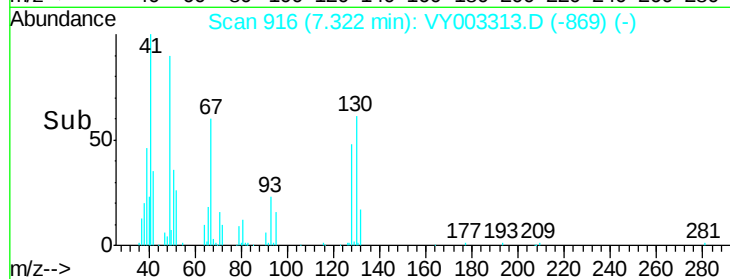
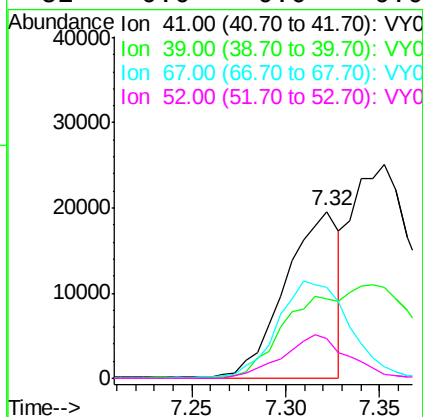
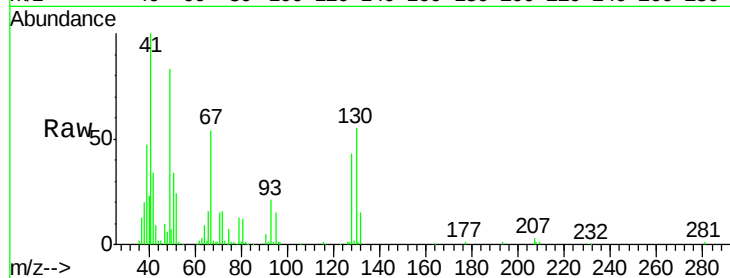
#41
Methacrylonitrile
Concen: 20.524 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	41	Resp	39287
Ion Ratio	100	Lower	Upper
41	100		
39	124.3	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

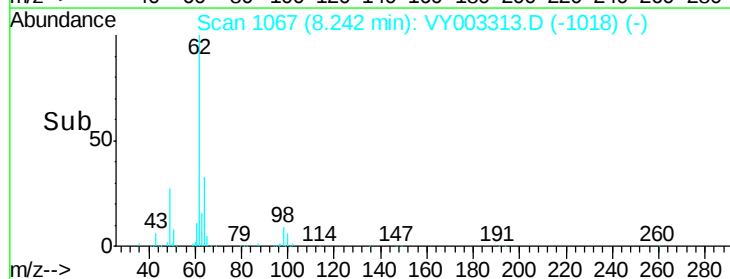
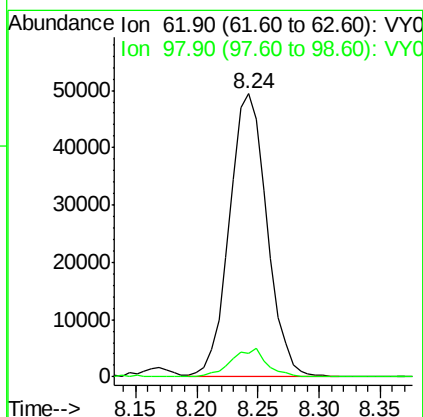
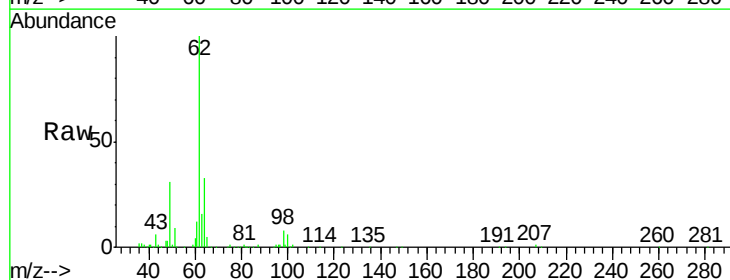
Manual Integrations
APPROVED

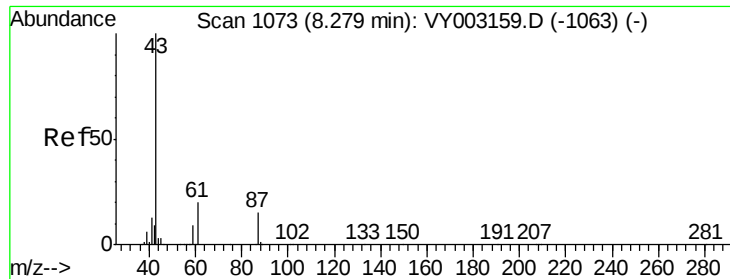
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#42
1,2-Dichloroethane
Concen: 21.042 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	62	Resp	105271
Ion Ratio	100	Lower	Upper
62	100		
98	9.6	0.0	19.0





#43

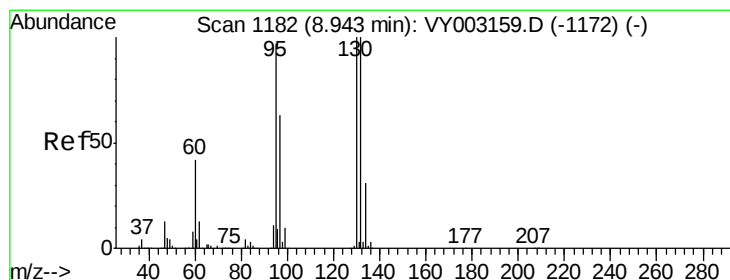
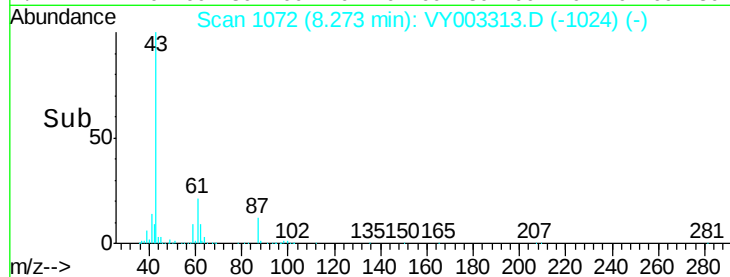
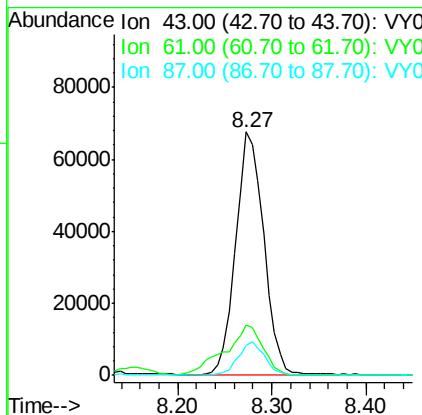
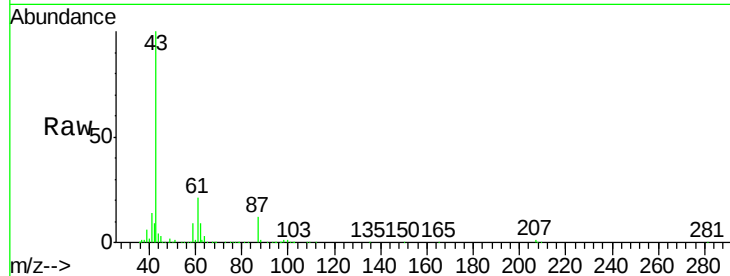
Isopropyl Acetate
 Concen: 22.840 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	43	Resp	140515
Ion Ratio	100	Lower	Upper
43	100		
61	27.9	23.7	35.5
87	13.1	11.4	17.0

Manual Integrations
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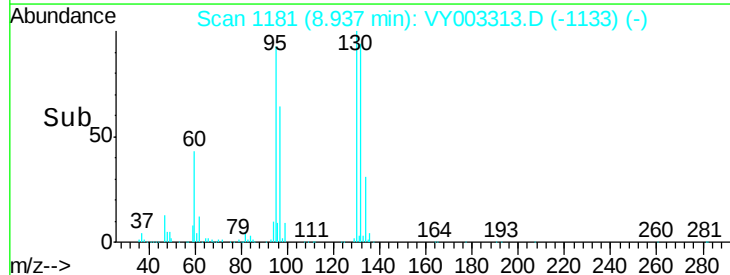
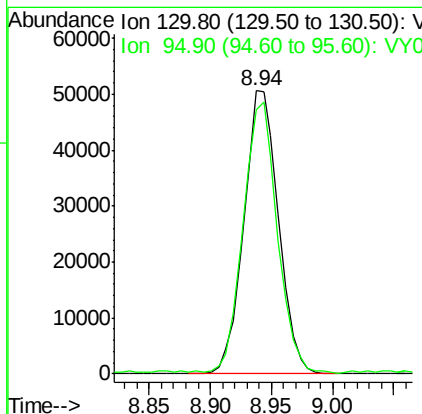
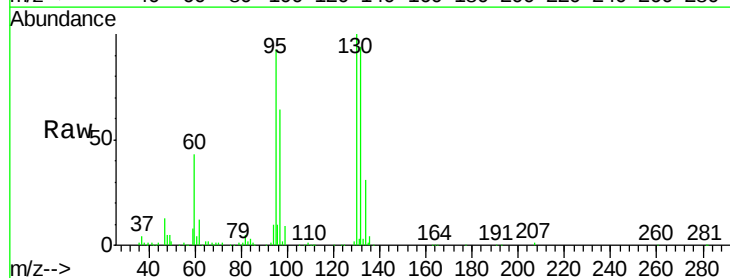
MMDadoda
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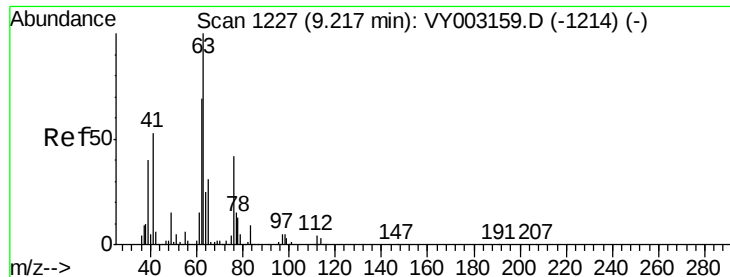


#44

Trichloroethene
 Concen: 19.966 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	130	Resp	99466
Ion Ratio	100	Lower	Upper
130	100		
95	92.9	0.0	193.8





#45

1,2-Dichloropropane

Concen: 21.719 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 63 Resp: 91326

Ion Ratio Lower Upper

63 100

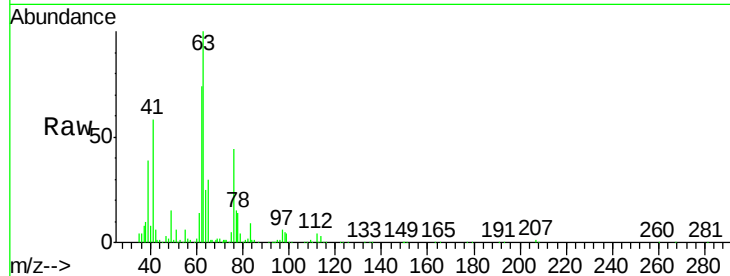
65 30.0 25.0 37.4

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

50000

40000

30000

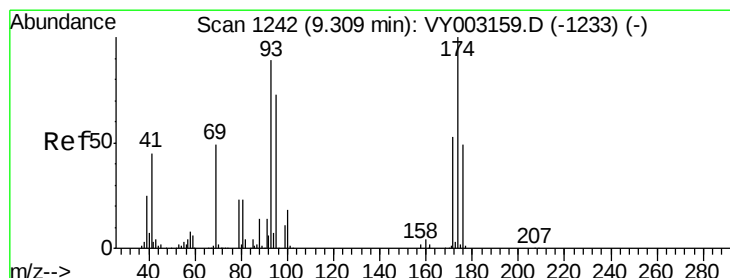
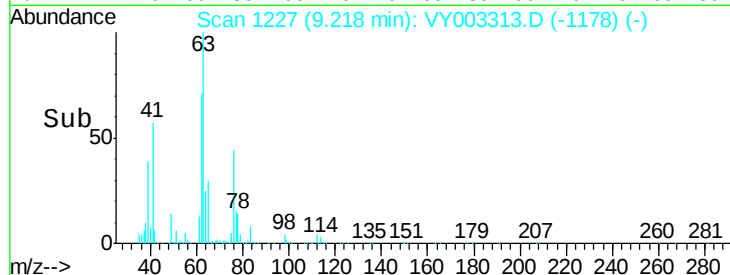
20000

10000

0

9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 20.845 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

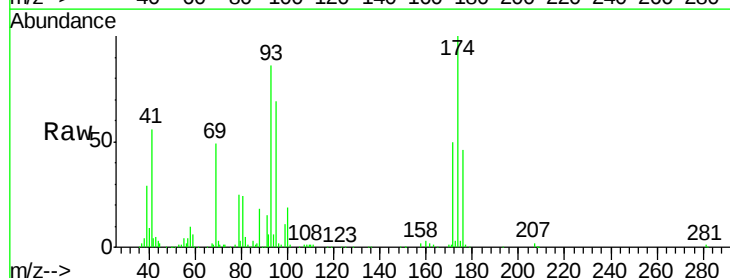
Tgt Ion: 93 Resp: 51195

Ion Ratio Lower Upper

93 100

95 80.8 66.6 99.8

174 111.2 90.2 135.4



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

40000

30000

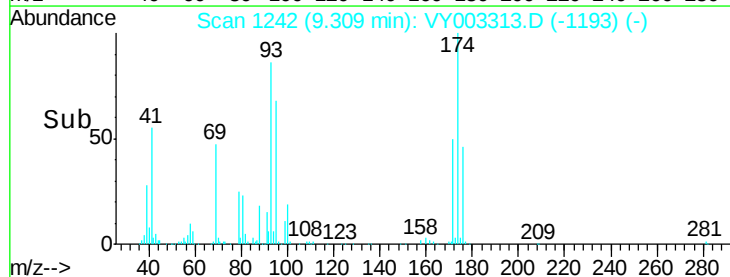
20000

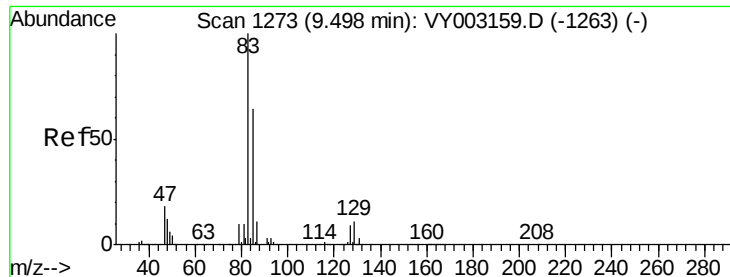
10000

0

9.20 9.25 9.30 9.35 9.40

Time-->





#47

Bromodichloromethane

Concen: 21.224 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

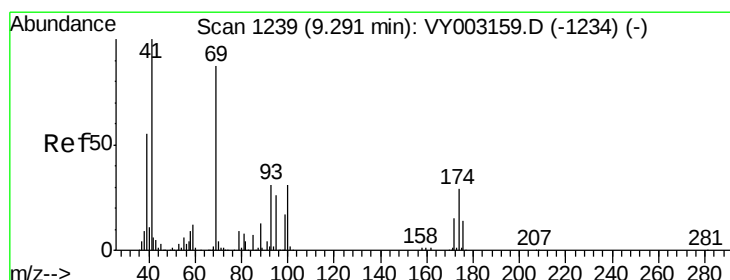
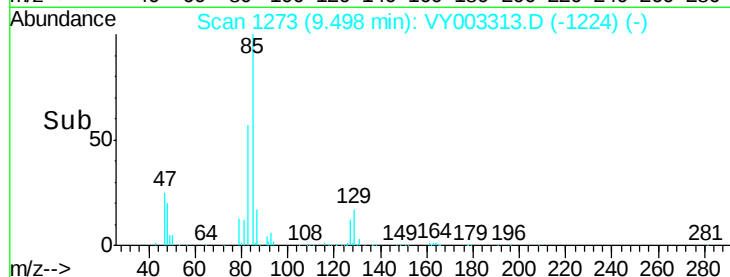
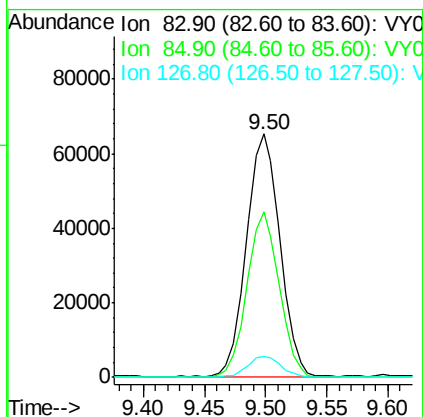
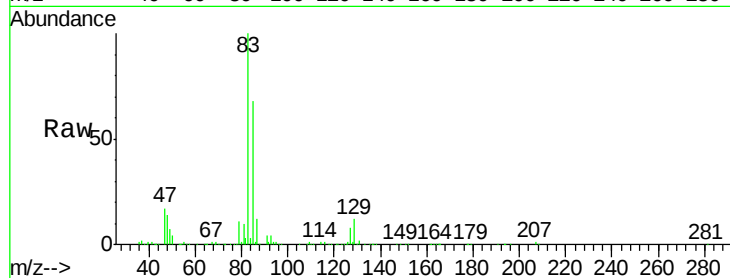
ClientSampleId :

VY0723SBS01

Tot Ion:	83	Resp:	123972
Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.9	76.3
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.449 ug/l

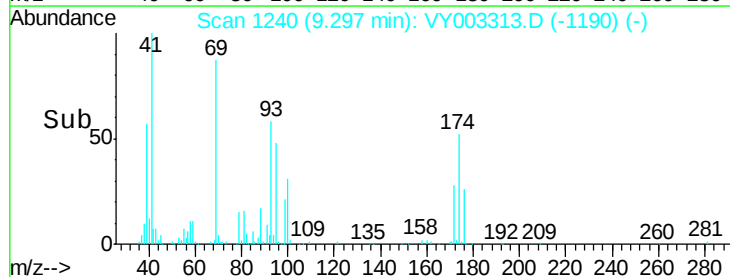
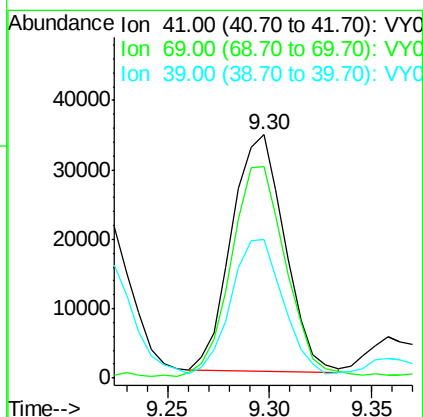
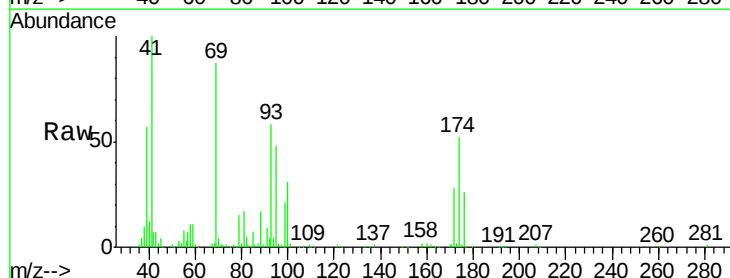
RT: 9.30 min Scan# 1240

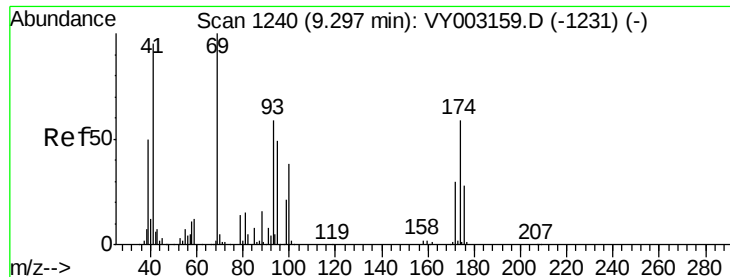
Delta R.T. 0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion:	41	Resp:	61742
Ion	Ratio	Lower	Upper
41	100		
69	90.8	74.5	111.7
39	55.6	47.5	71.3





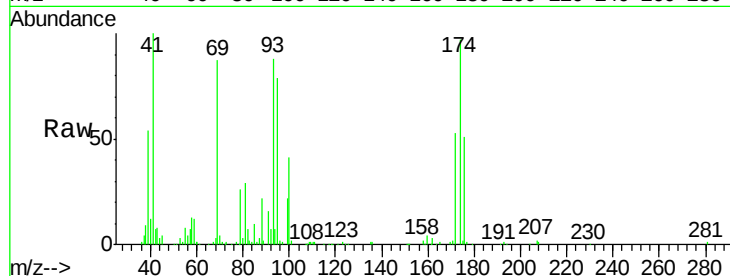
#49
1,4-Dioxane
Concen: 469.330 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	88	Resp	14629
Ion Ratio	100	Lower	Upper
88	100		
43	31.0	25.6	38.4
58	63.3	47.8	71.6

Manual Integrations
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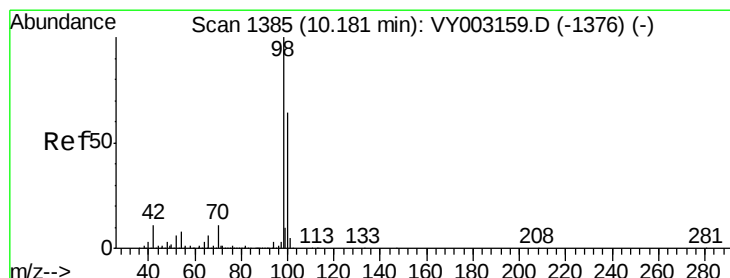
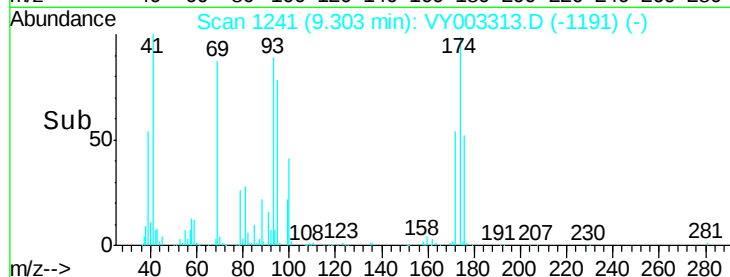
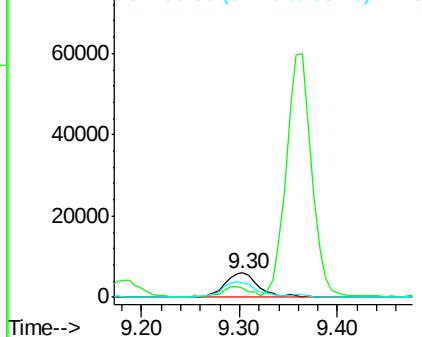


Abundance

Ion 88.00 (87.70 to 88.70): VY0

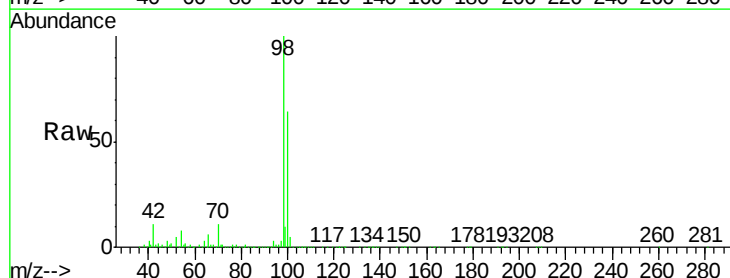
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 47.898 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

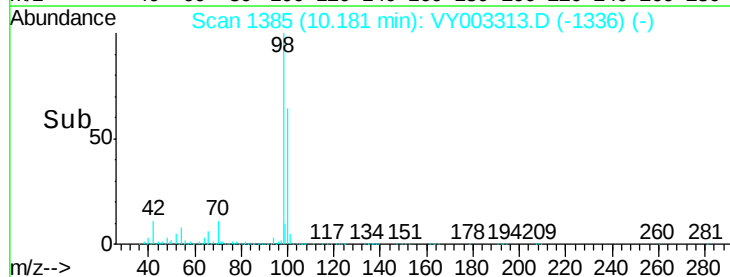
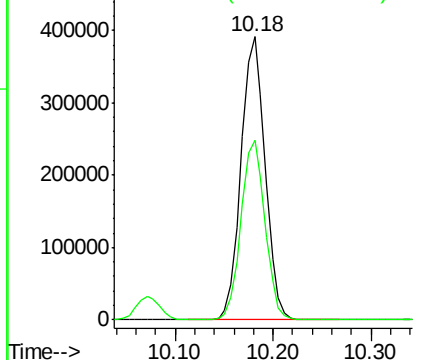
Tgt Ion	98	Resp	667329
Ion Ratio	100	Lower	Upper
98	100		
100	63.3	50.7	76.1

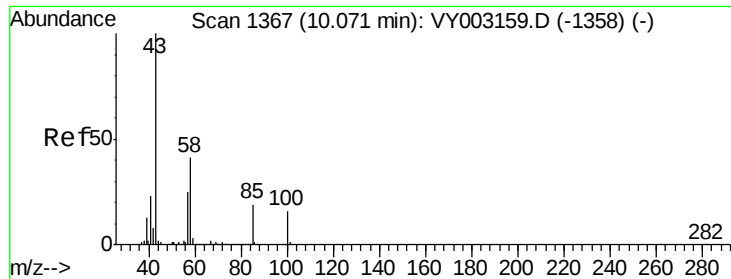


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 116.532 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 43 Resp: 372630

Ion Ratio Lower Upper

43 100

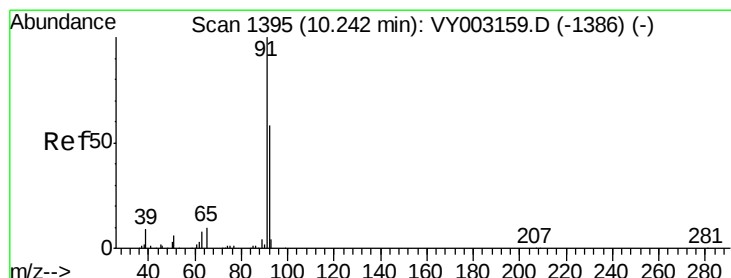
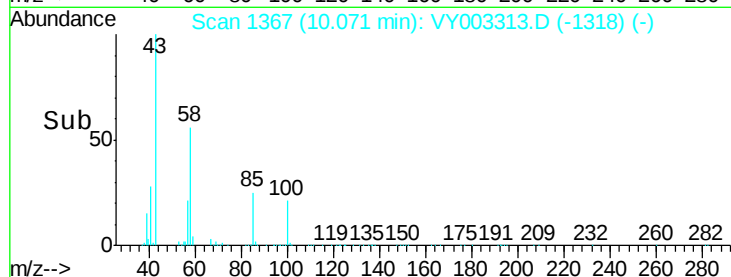
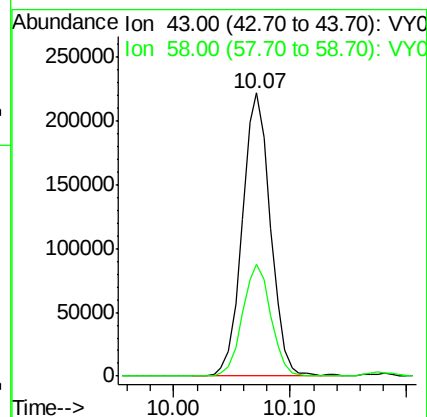
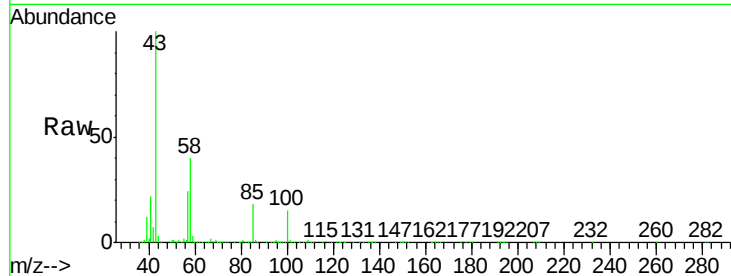
58 39.8 32.7 49.1

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#52

Toluene

Concen: 20.981 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003313.D

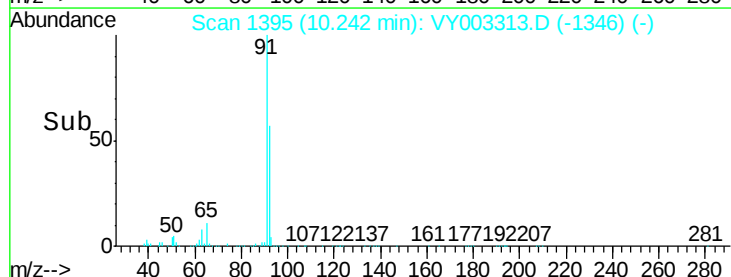
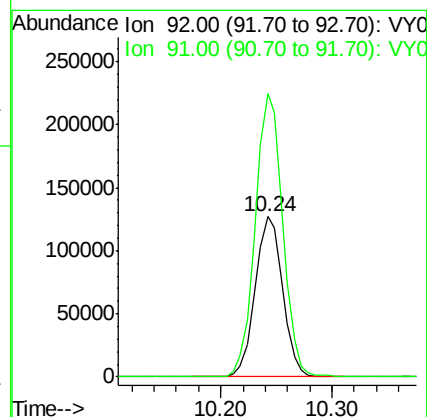
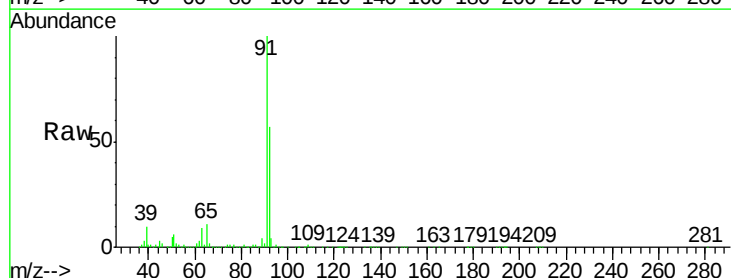
Acq: 23 Jul 2020 13:43

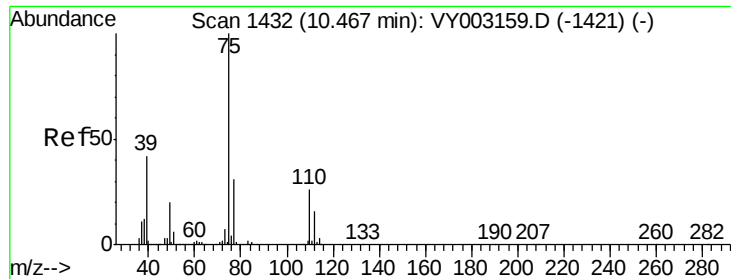
Tgt Ion: 92 Resp: 217925

Ion Ratio Lower Upper

92 100

91 175.9 139.7 209.5





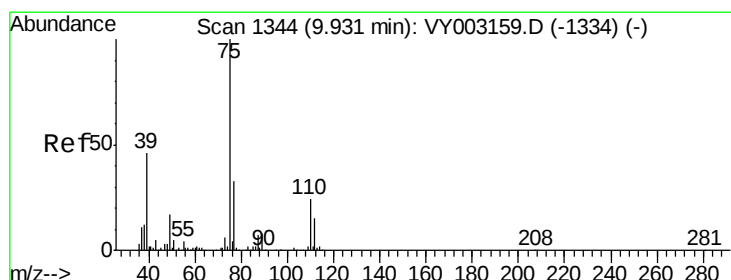
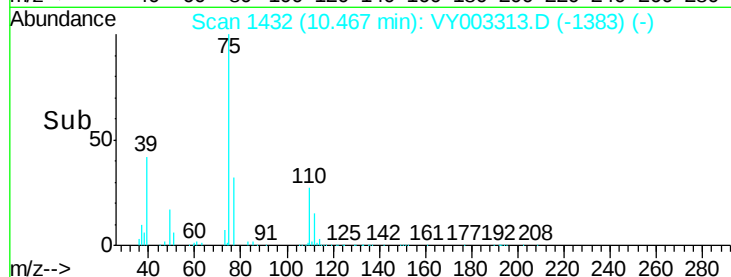
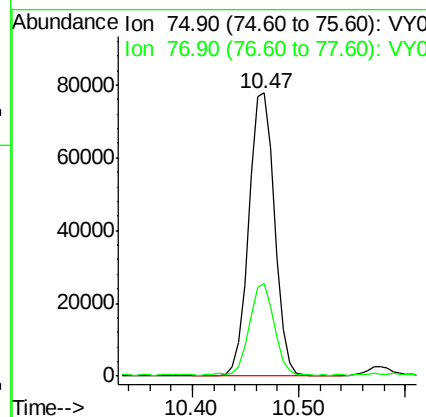
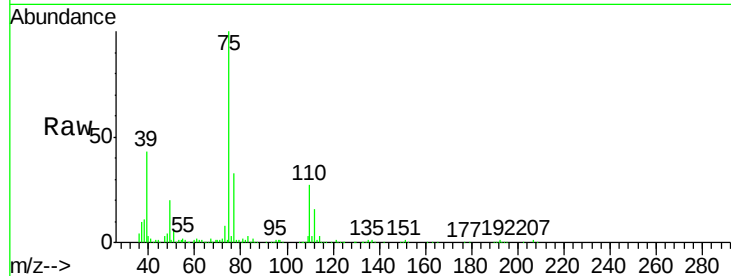
#53
 t-1,3-Dichloropropene
 Concen: 21.879 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion: 75 Resp: 132409
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8

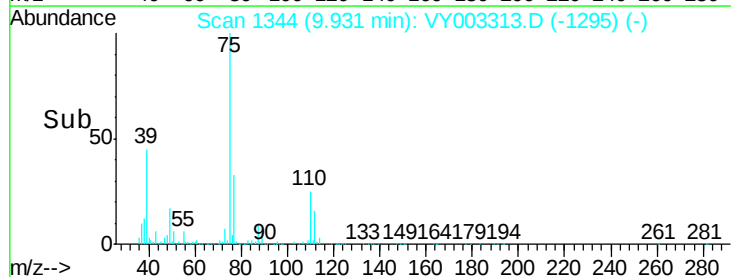
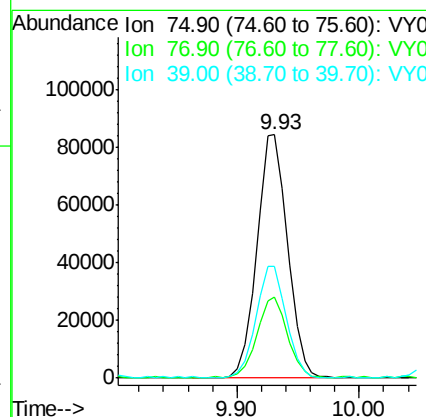
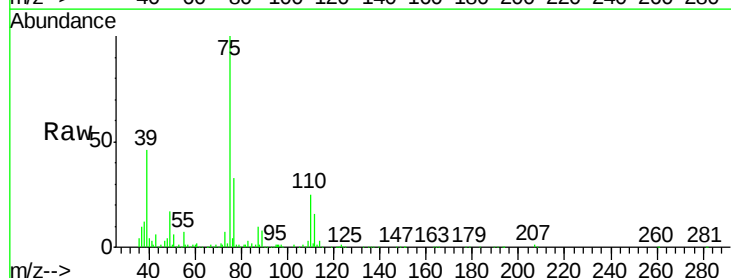
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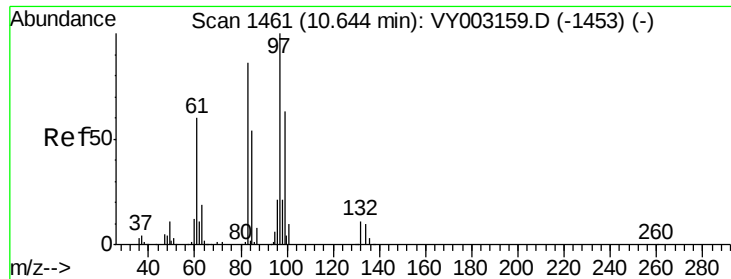
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#54
 cis-1,3-Dichloropropene
 Concen: 21.190 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion: 75 Resp: 147759
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.7 40.1
 39 45.3 37.0 55.6





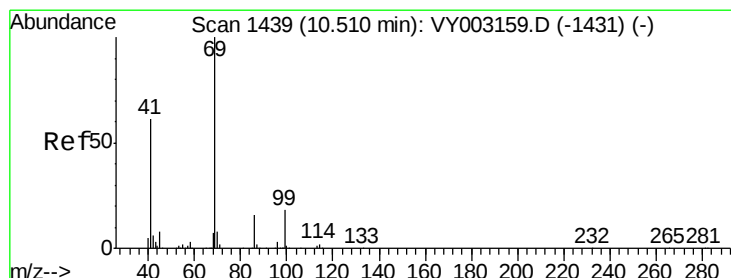
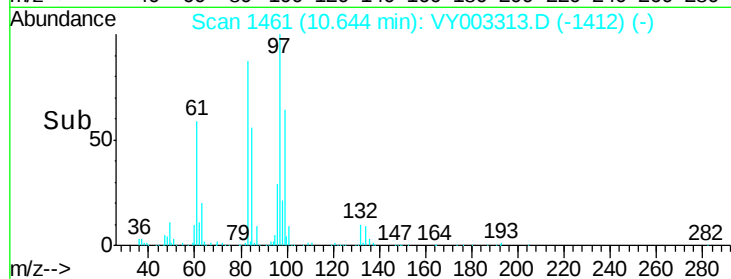
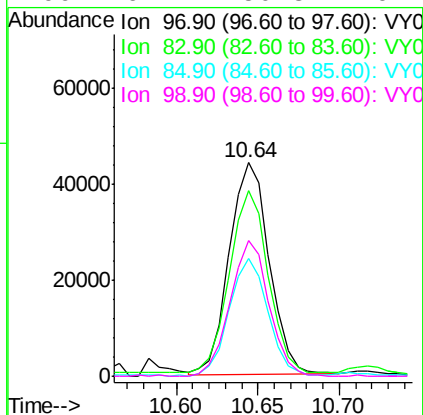
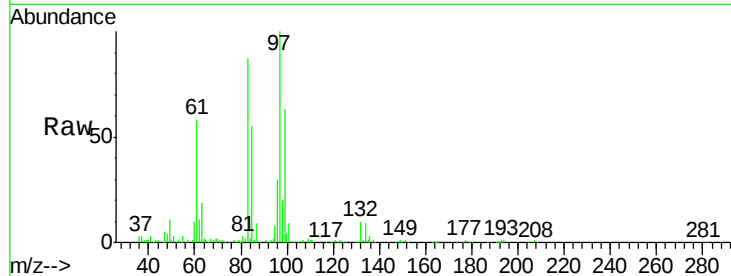
#55
 1,1,2-Trichloroethane
 Concen: 21.586 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion:	97	Resp:	75123
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.8	103.2
85	55.7	43.1	64.7
99	64.2	50.8	76.2

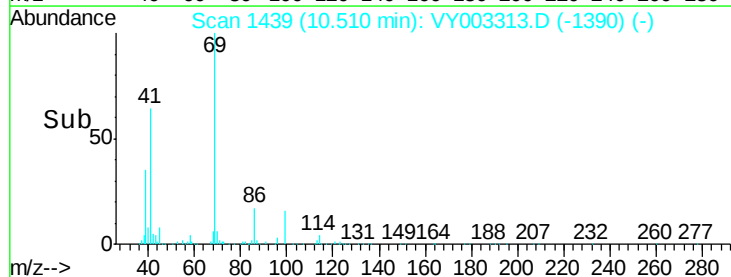
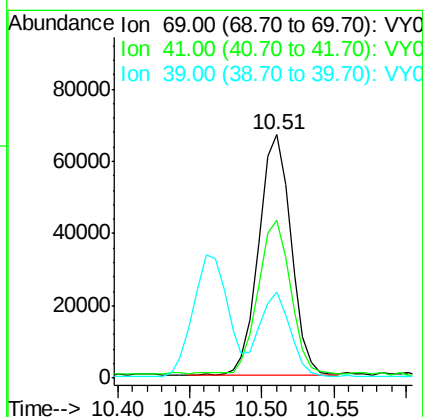
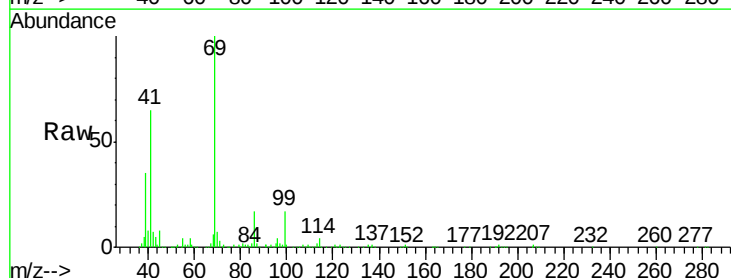
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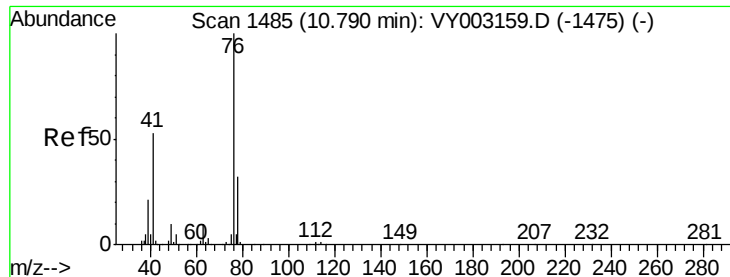
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#56
 Ethyl methacrylate
 Concen: 21.875 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion:	69	Resp:	103499
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	34.0	27.6	41.4





#57

1,3-Dichloropropane

Concen: 21.821 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 76 Resp: 128760

Ion Ratio Lower Upper

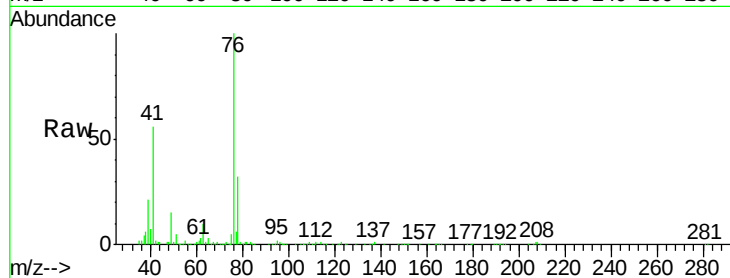
76 100

78 31.9 26.0 39.0

Manual Integrations
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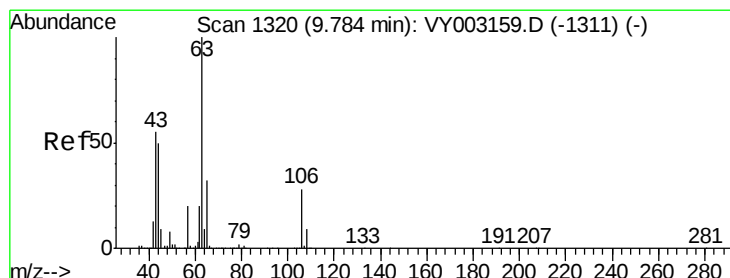
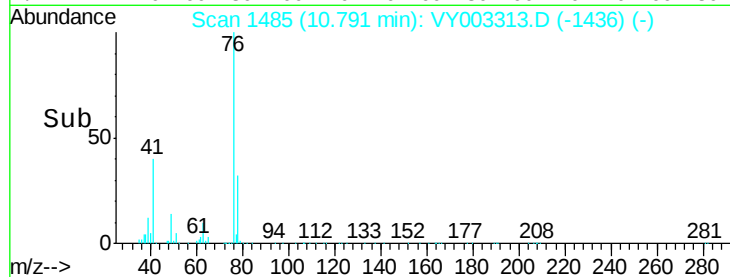
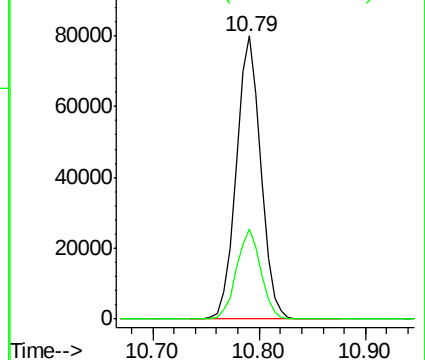
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 116.094 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003313.D

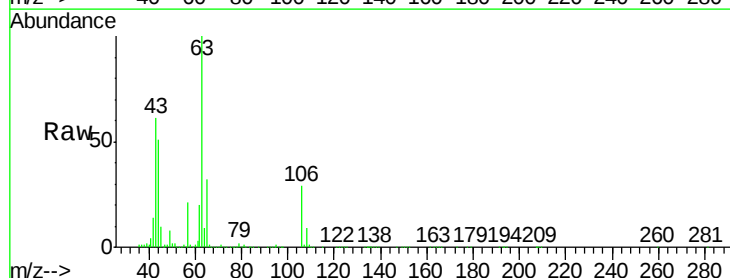
Acq: 23 Jul 2020 13:43

Tgt Ion: 63 Resp: 280137

Ion Ratio Lower Upper

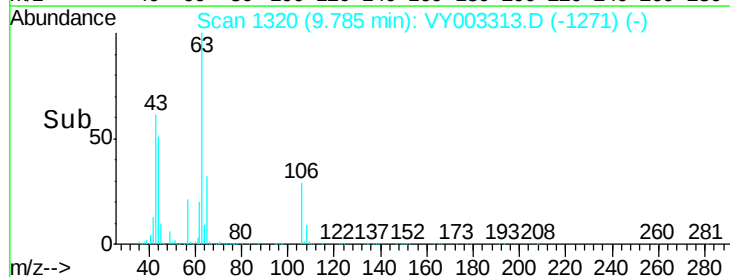
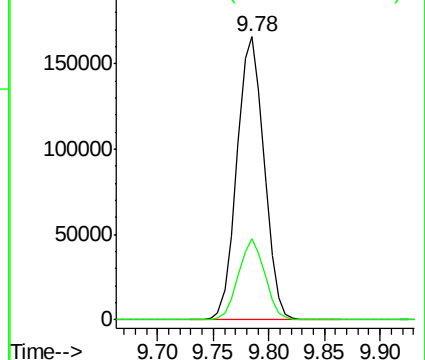
63 100

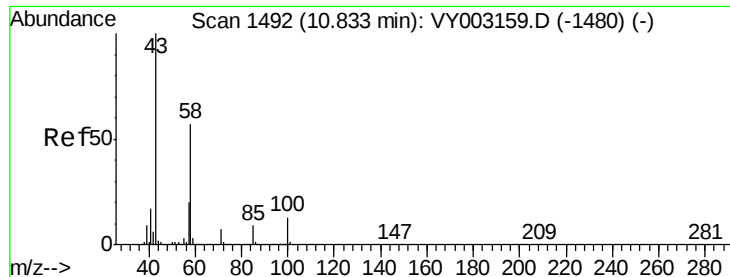
106 27.9 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





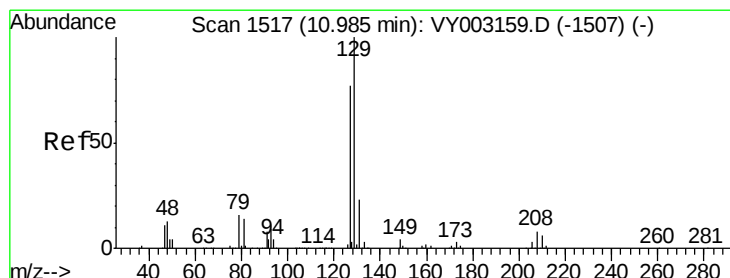
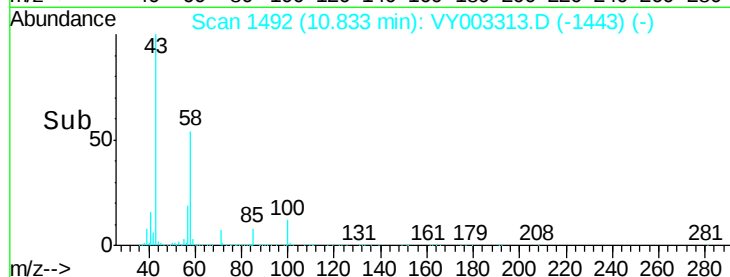
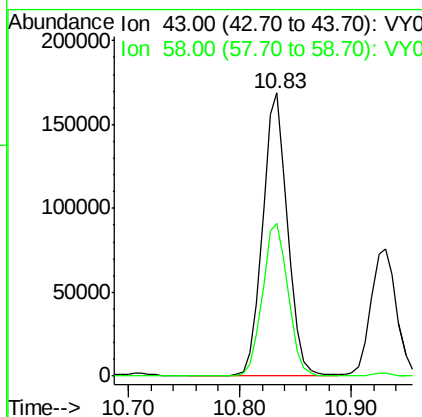
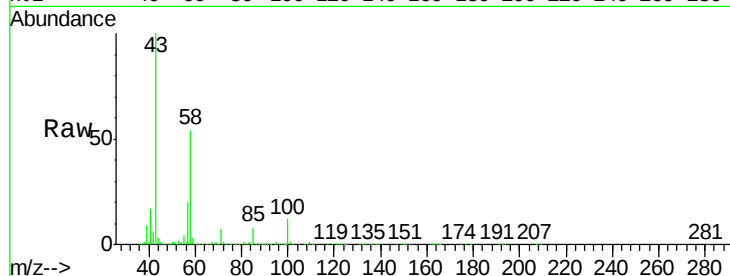
#59
2-Hexanone
Concen: 117.718 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 43 Resp: 262770
Ion Ratio Lower Upper
43 100
58 55.7 28.3 85.0

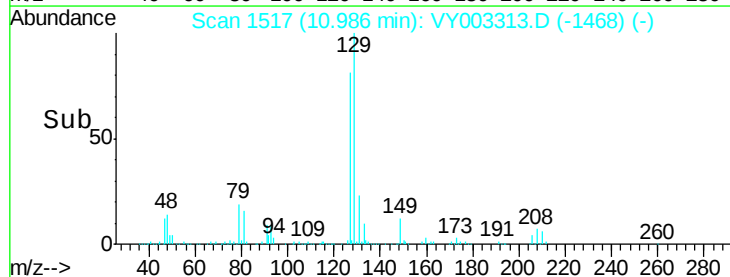
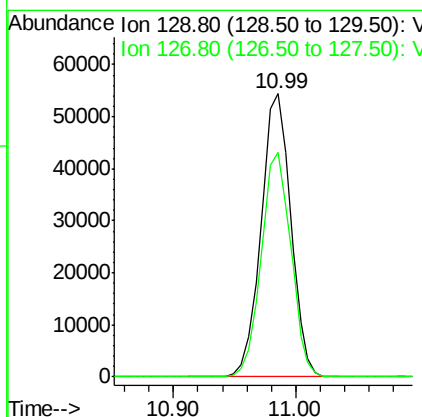
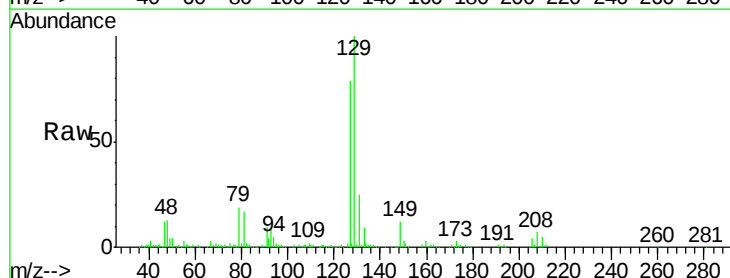
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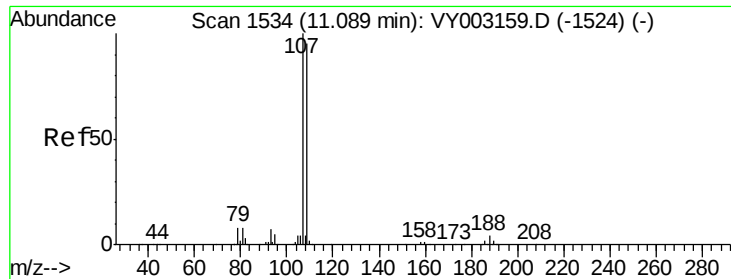
MMDadoda
7/24/2020 12:58:30 PM



#60
Dibromochloromethane
Concen: 21.163 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 129 Resp: 92636
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





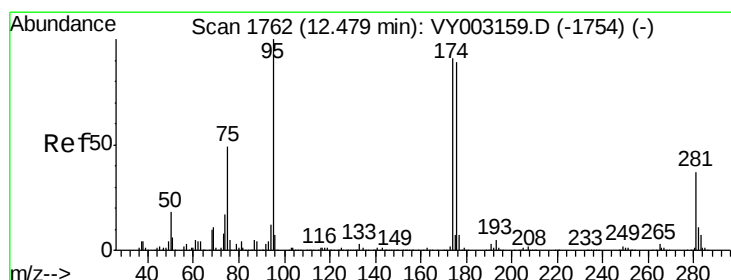
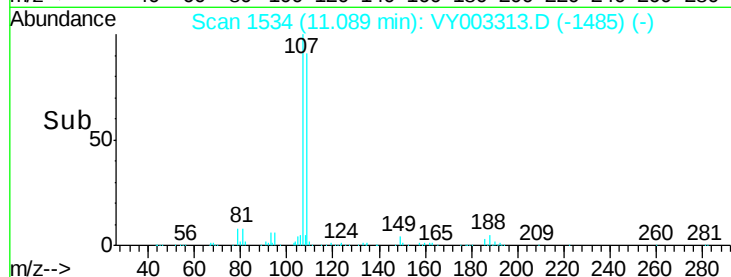
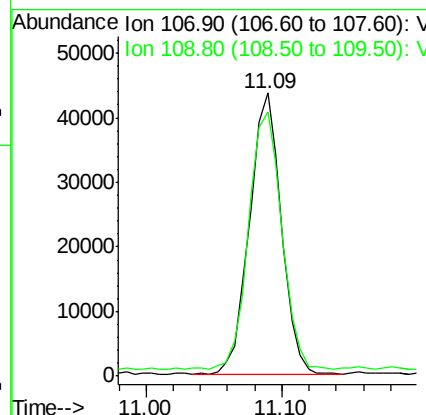
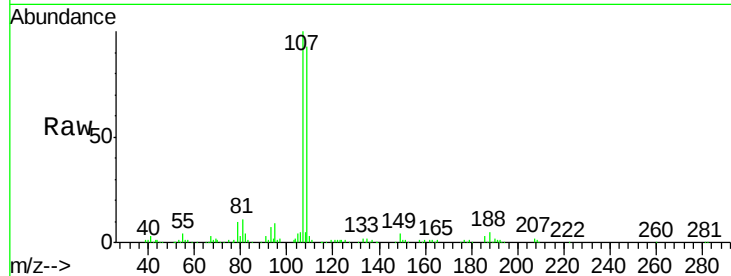
#61
 1,2-Dibromoethane
 Concen: 20.786 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion: 107 Resp: 71395
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.6 113.4

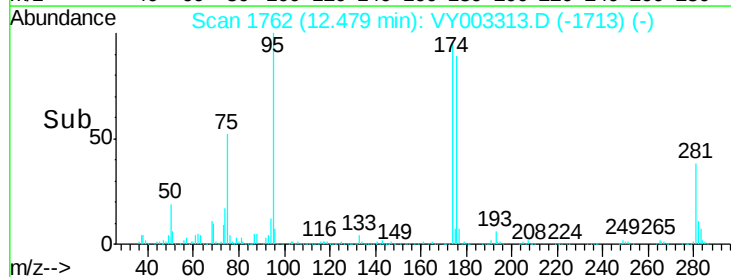
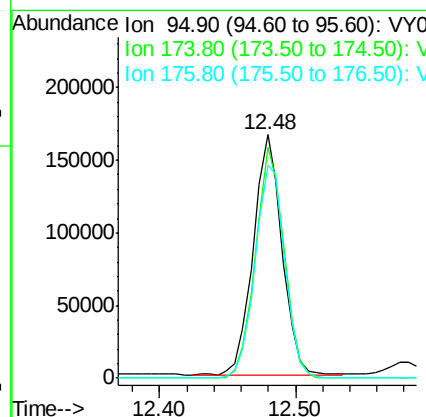
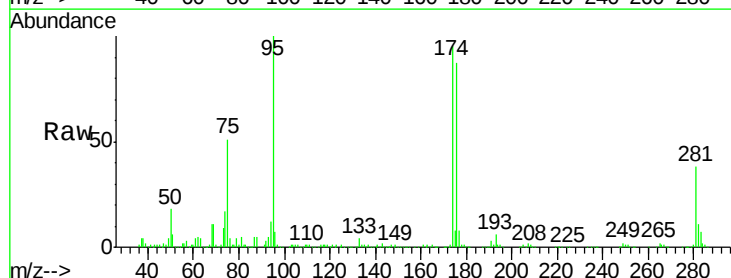
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#62
 4-Bromofluorobenzene
 Concen: 48.873 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion: 95 Resp: 245983
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 190.6
 176 91.6 0.0 186.4





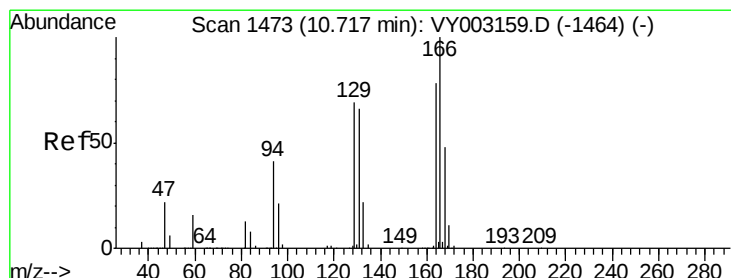
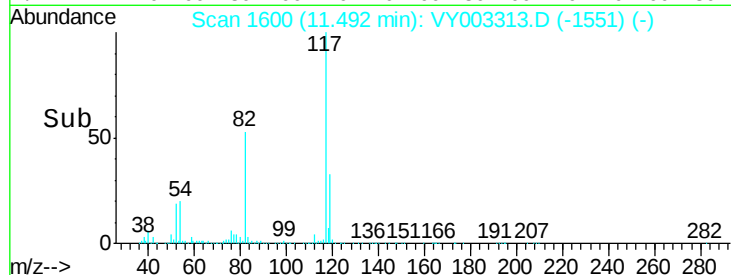
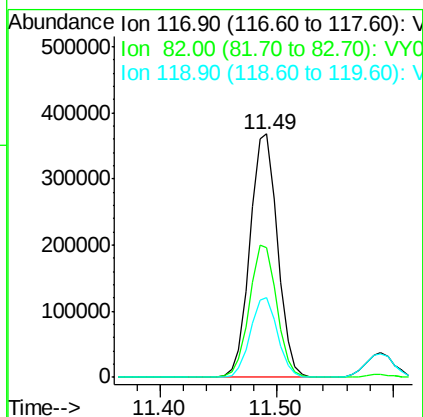
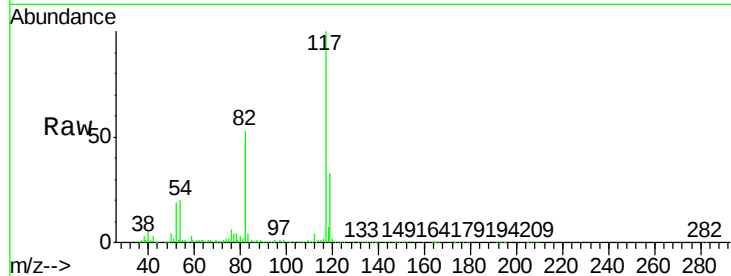
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	610420		
82	53.2	42.0	63.0	
119	32.7	25.5	38.3	

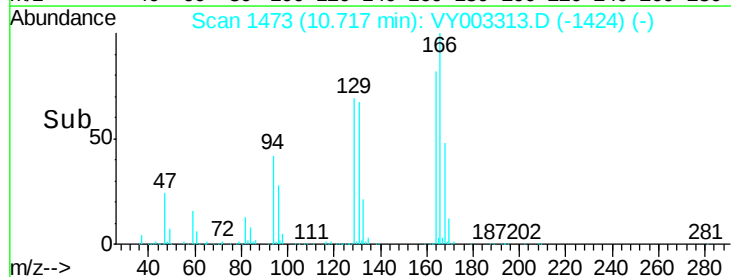
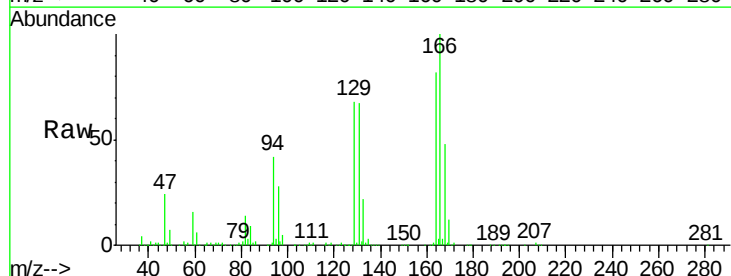
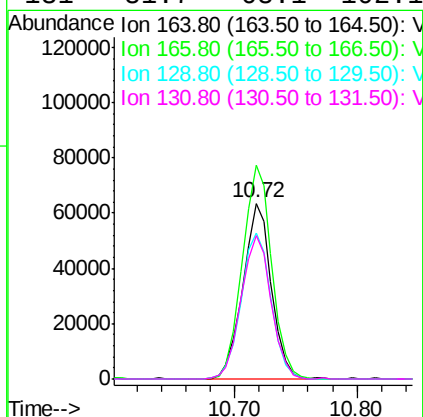
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APPROVED

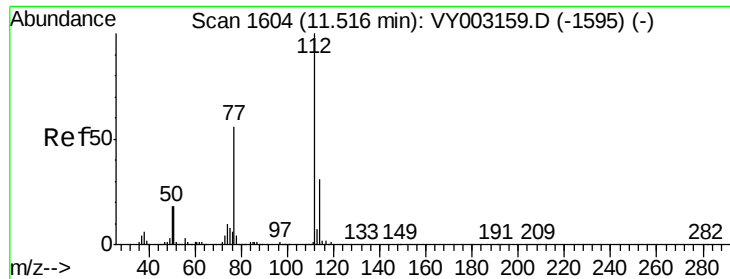
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#64
Tetrachloroethene
Concen: 18.771 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102167		
166	121.6	102.9	154.3	
129	83.3	71.4	107.2	
131	81.7	68.1	102.1	





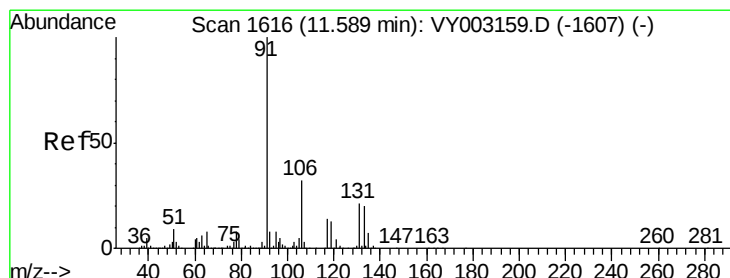
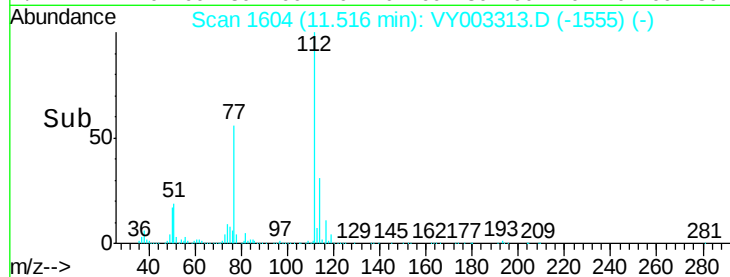
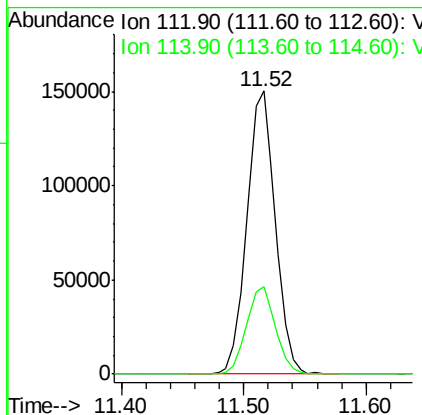
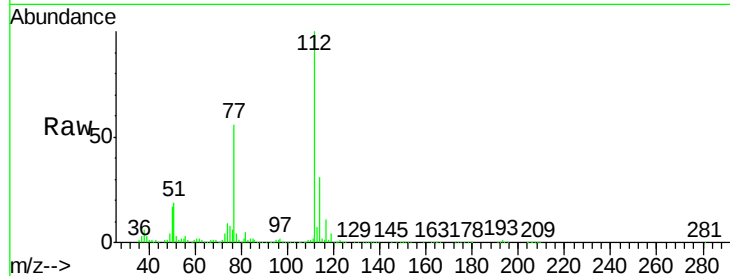
#65
Chlorobenzene
Concen: 20.668 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:112 Resp: 243047
Ion Ratio Lower Upper
112 100
114 31.1 24.7 37.1

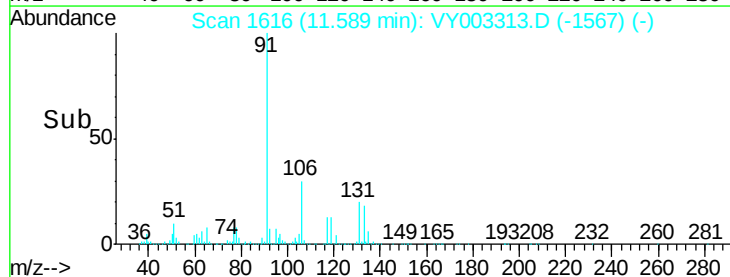
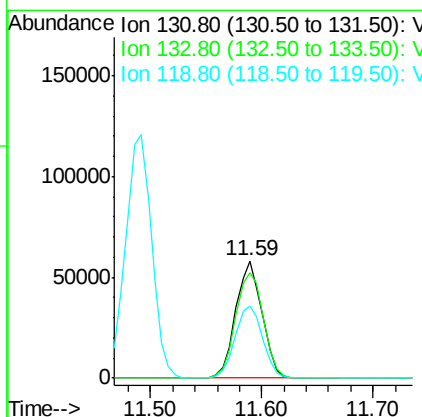
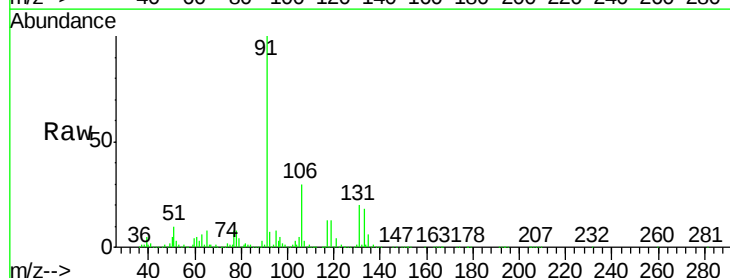
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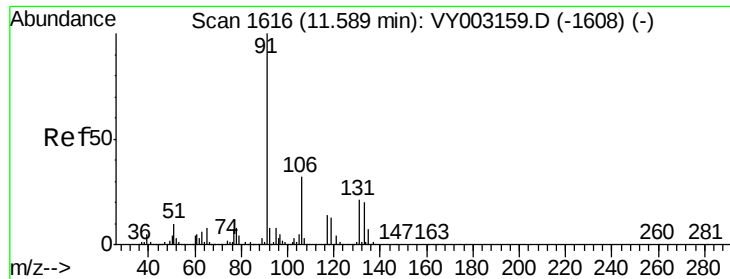
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.663 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion:131 Resp: 94372
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 64.1 32.4 97.0





#67

Ethyl Benzene

Concen: 20.955 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion: 91 Resp: 439979

Ion Ratio Lower Upper

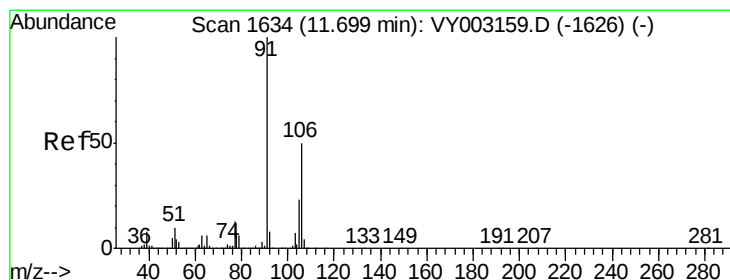
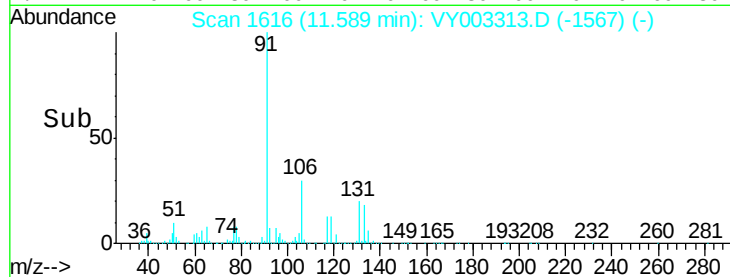
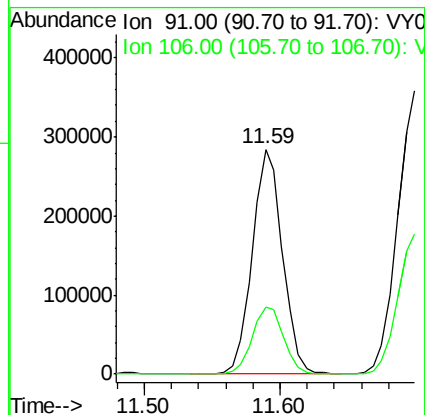
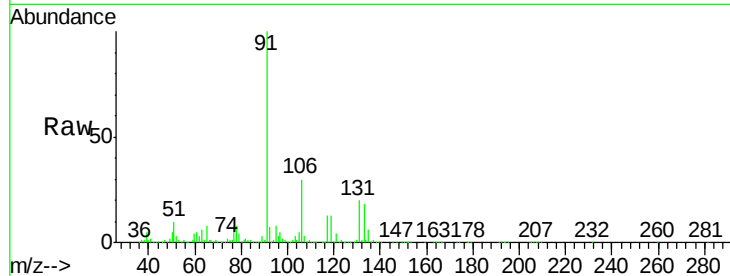
91 100

106 30.1 25.5 38.3

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#68

m/p-Xylenes

Concen: 41.306 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003313.D

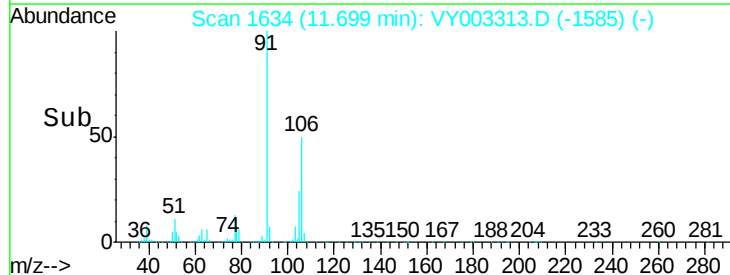
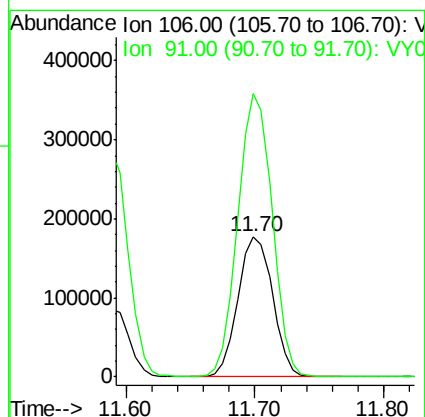
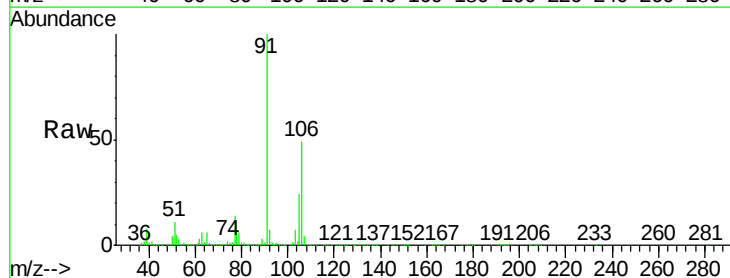
Acq: 23 Jul 2020 13:43

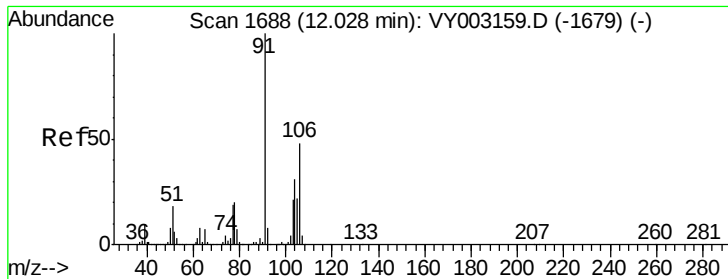
Tgt Ion: 106 Resp: 329069

Ion Ratio Lower Upper

106 100

91 200.3 159.0 238.6





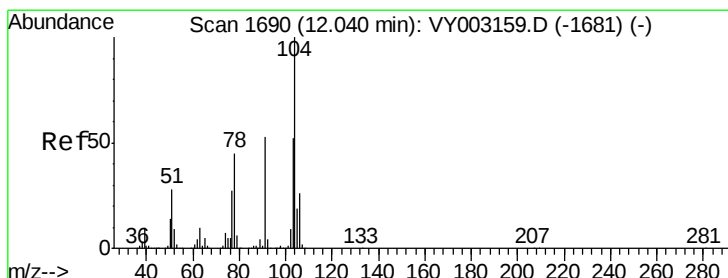
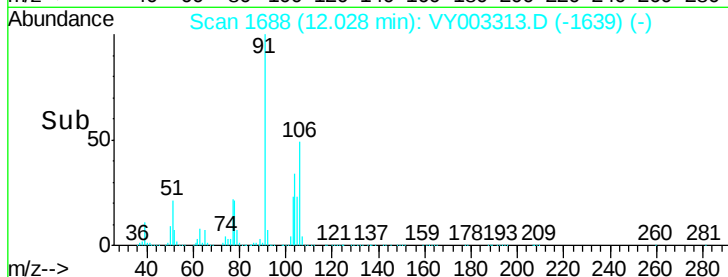
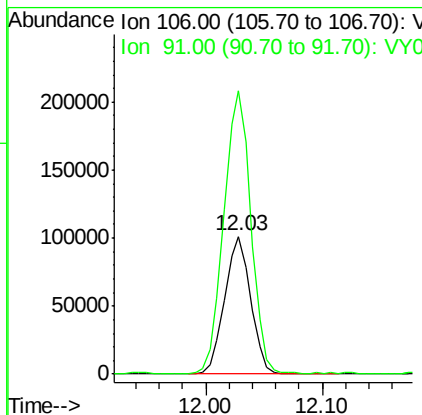
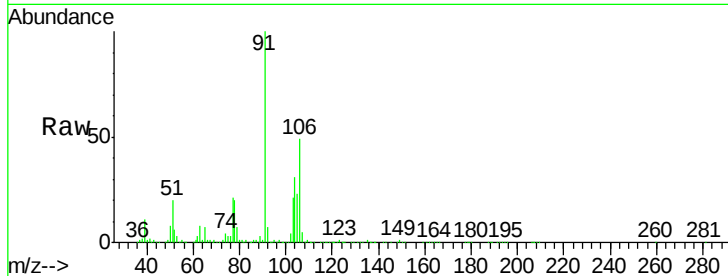
#69
o-Xylene
Concen: 21.035 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion:106 Resp: 156558
Ion Ratio Lower Upper
106 100
91 211.9 105.1 315.1

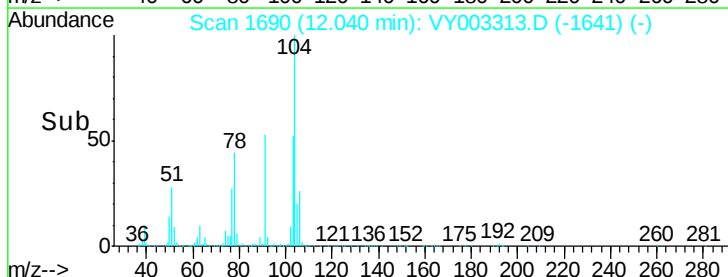
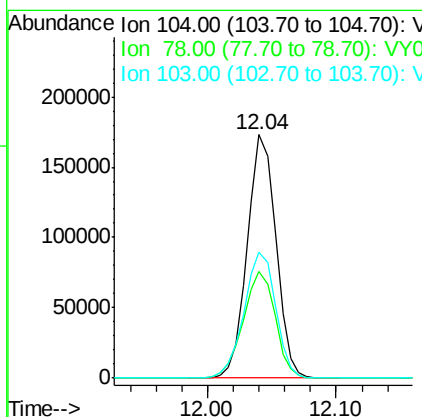
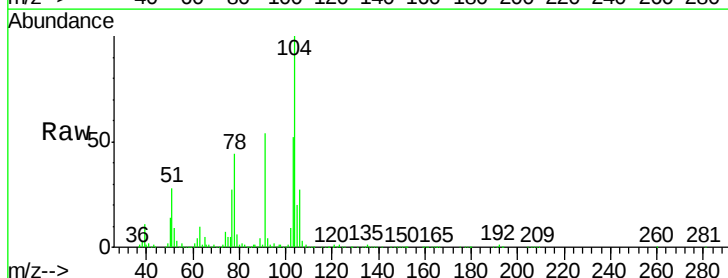
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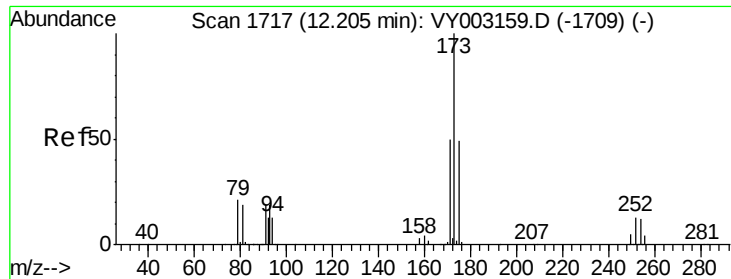
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#70
Styrene
Concen: 20.850 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion:104 Resp: 265460
Ion Ratio Lower Upper
104 100
78 49.1 38.5 57.7
103 57.1 43.9 65.9





#71

Bromoform

Concen: 20.650 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

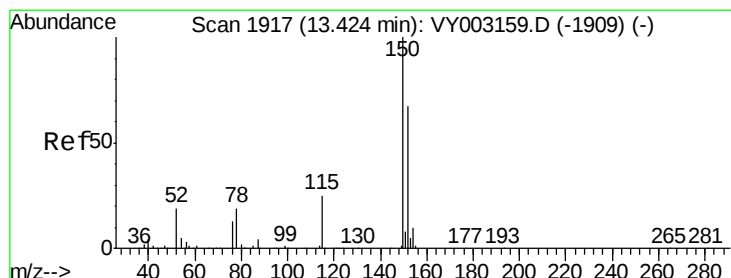
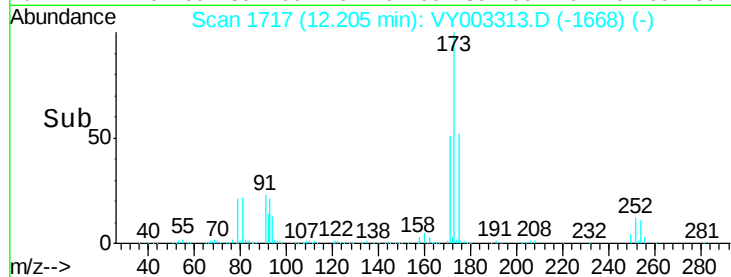
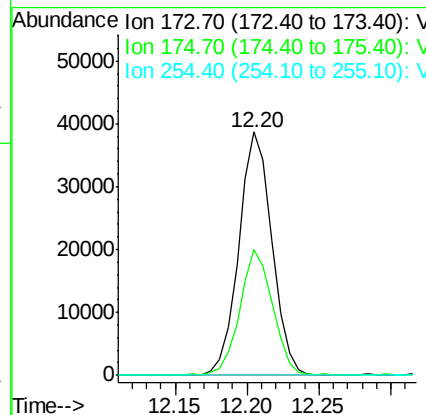
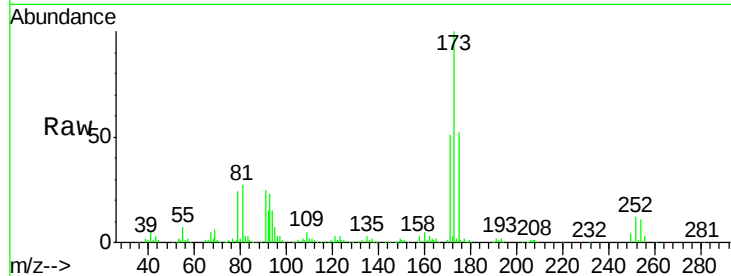
ClientSampleId :

VY0723SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.5	24.3	73.0
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

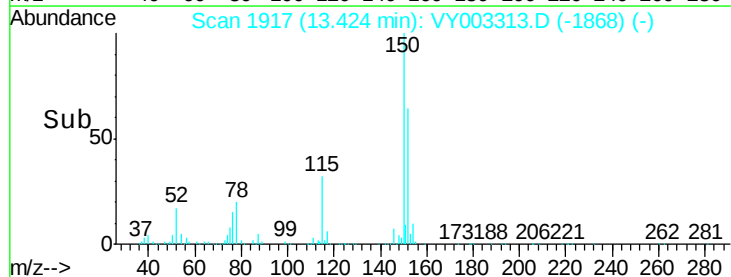
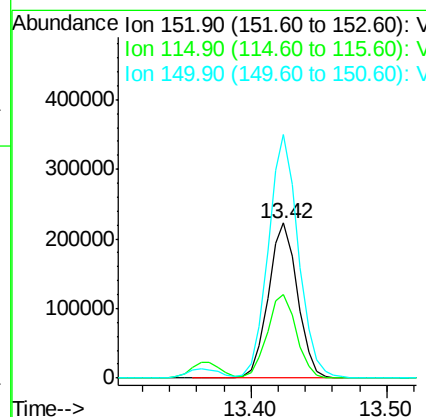
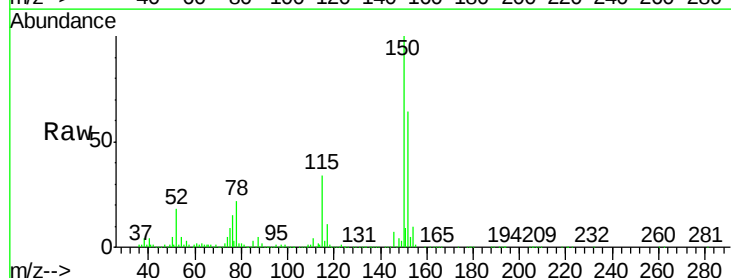
RT: 13.42 min Scan# 1917

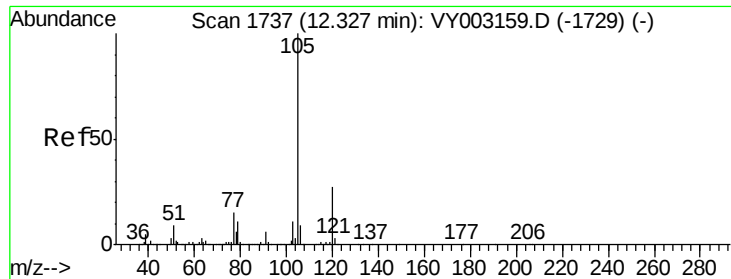
Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.7
150	161.6	0.0	338.0





#73

Isopropylbenzene

Concen: 20.380 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion:105 Resp: 432794

Ion Ratio Lower Upper

105 100

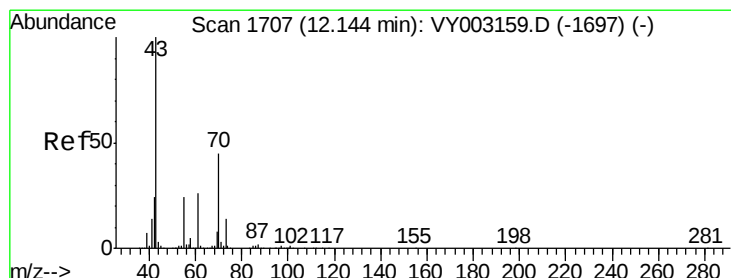
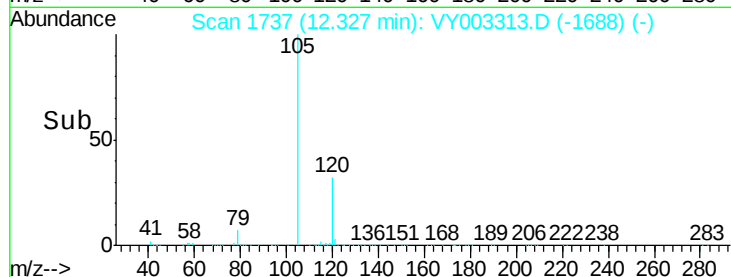
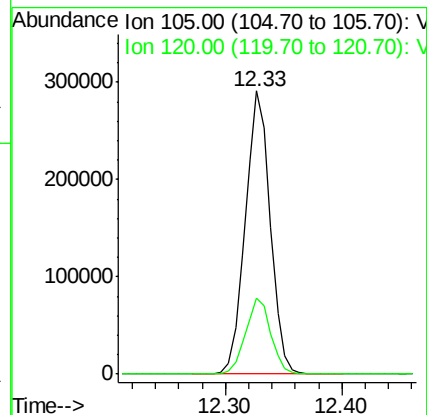
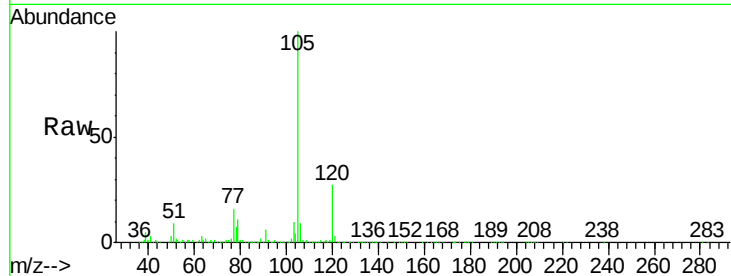
120 27.3 13.4 40.2

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#74

N-ethyl acetate

Concen: 21.894 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion: 43 Resp: 130458

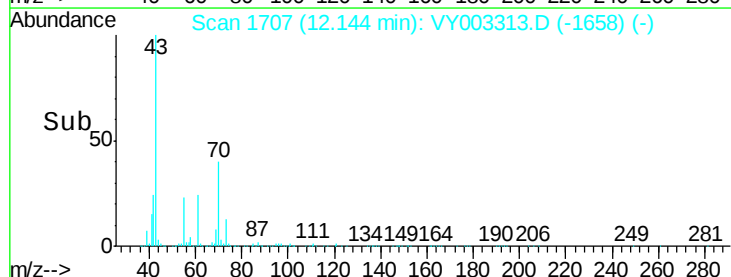
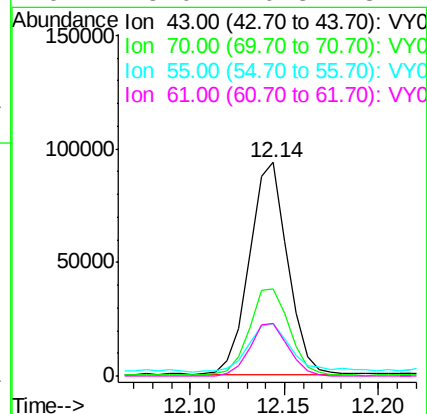
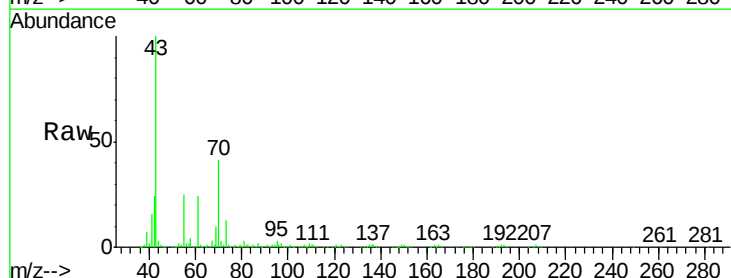
Ion Ratio Lower Upper

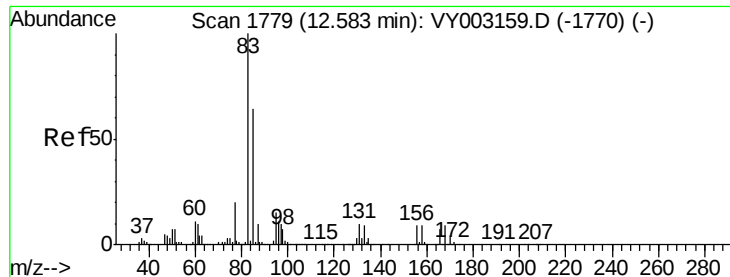
43 100

70 43.0 35.6 53.4

55 26.1 19.4 29.2

61 25.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.550 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

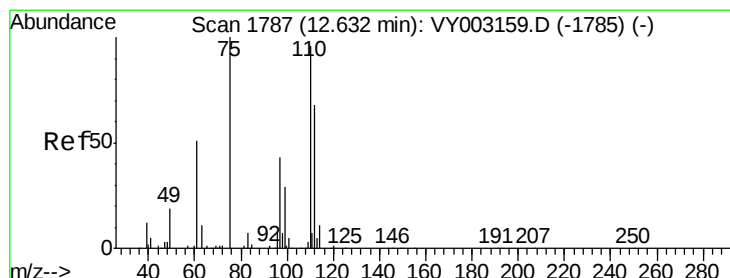
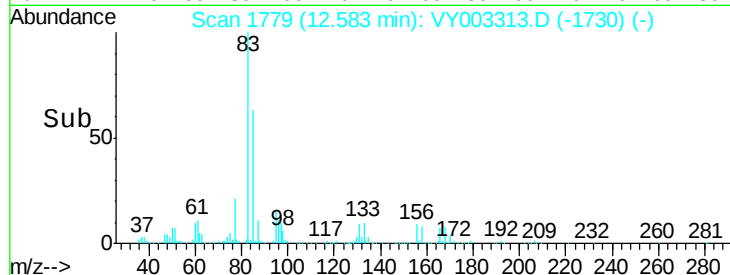
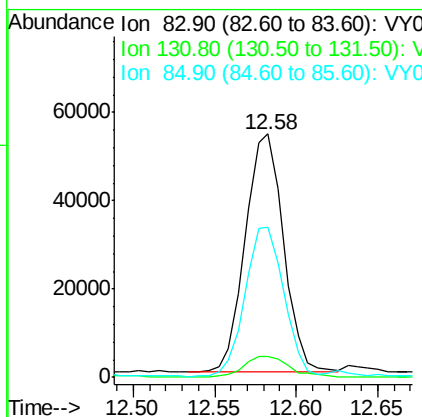
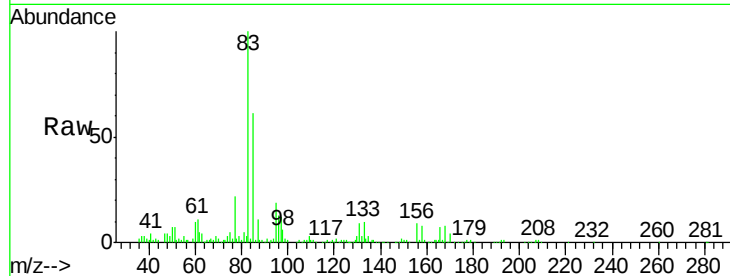
ClientSampleId :

VY0723SBS01

Tot Ion:	83	Resp:	88390
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.2	15.6
85	63.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 24.877 ug/l m

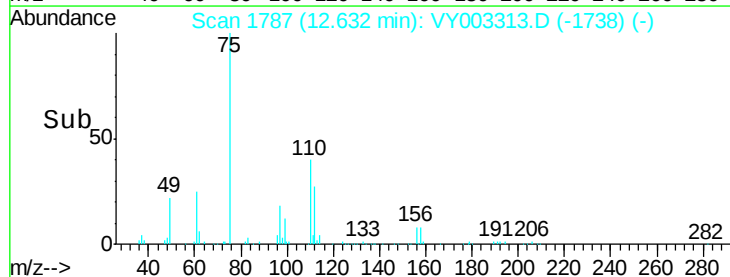
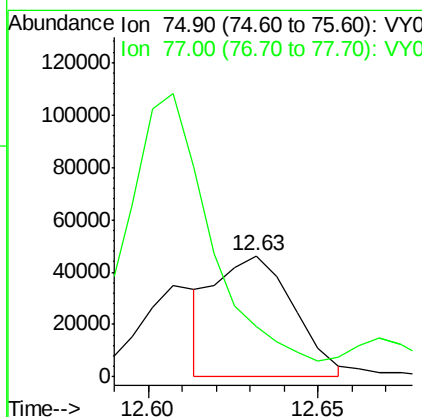
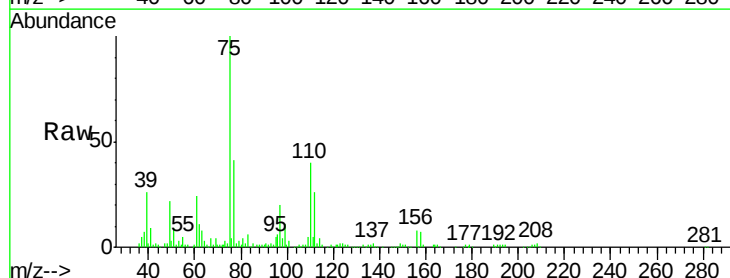
RT: 12.63 min Scan# 1787

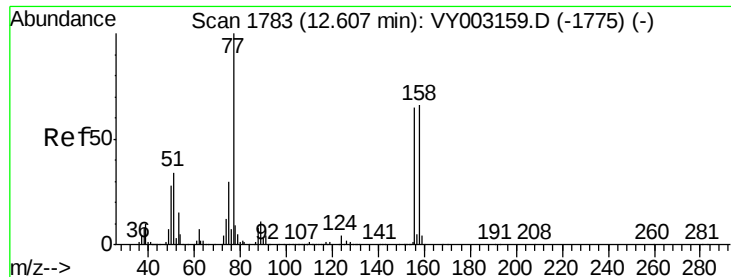
Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion:	75	Resp:	73381
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.546 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

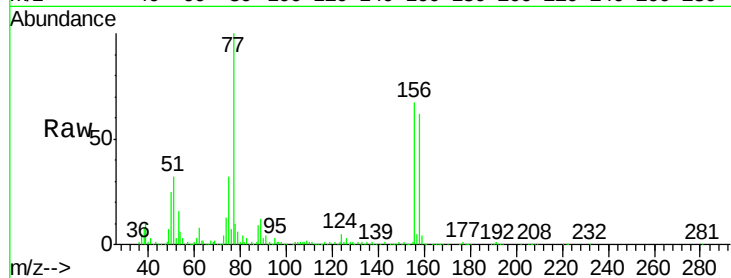
ClientSampleId :

VY0723SBS01

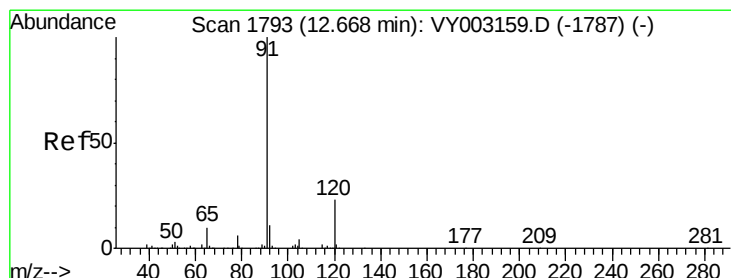
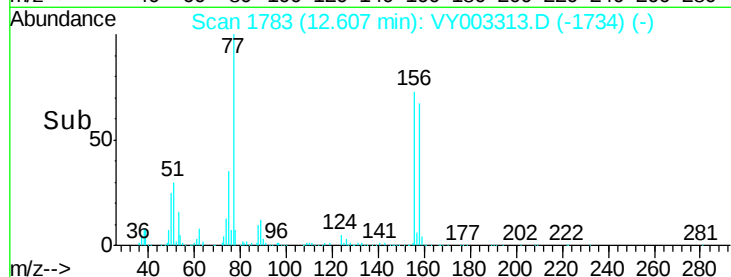
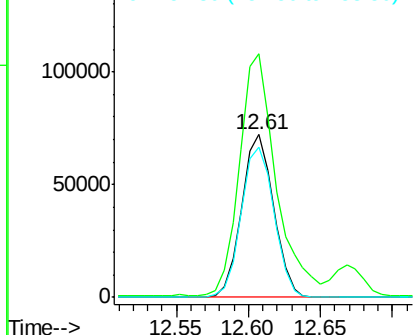
Tot Ion:	156	Resp:	111222
Ion Ratio	Lower	Upper	
156	100		
77	170.6	86.6	259.7
158	94.7	49.4	148.0

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.799 ug/l

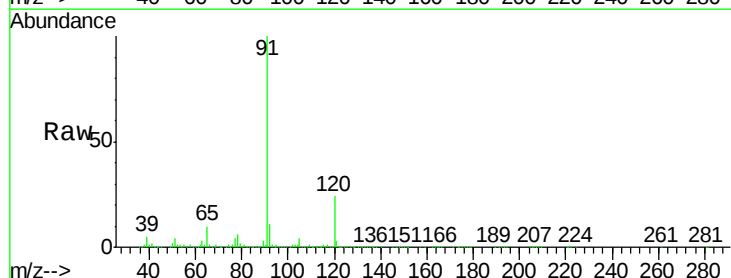
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

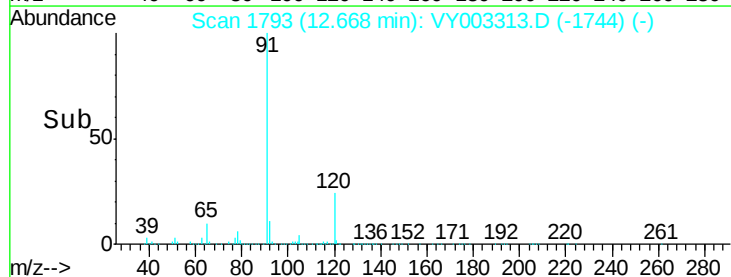
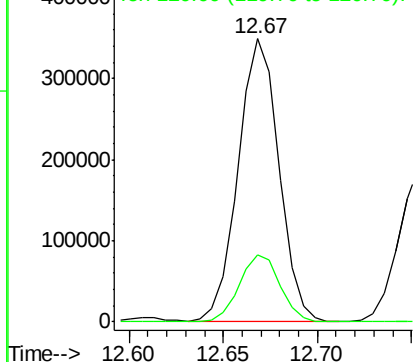
Lab File: VY003313.D

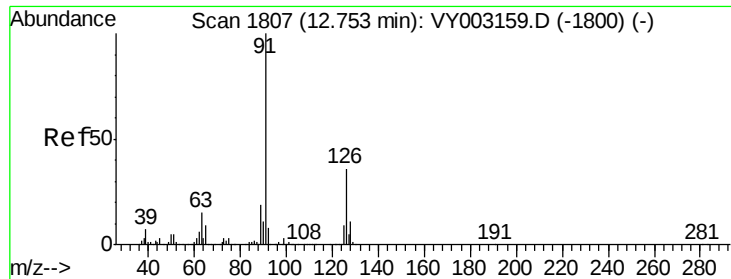
Acq: 23 Jul 2020 13:43

Tgt Ion:	91	Resp:	520649
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





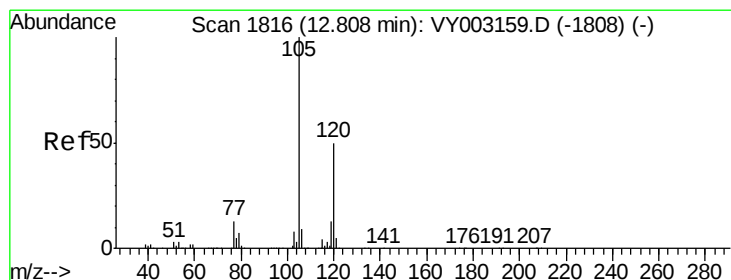
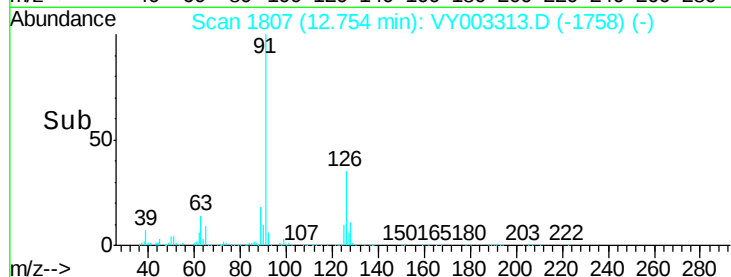
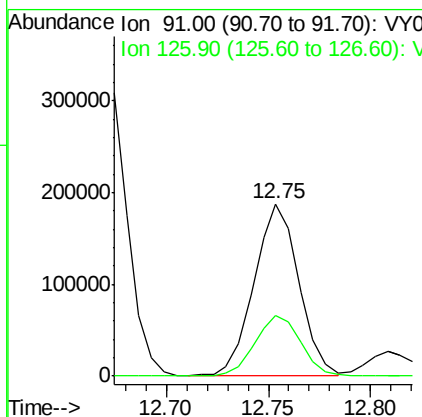
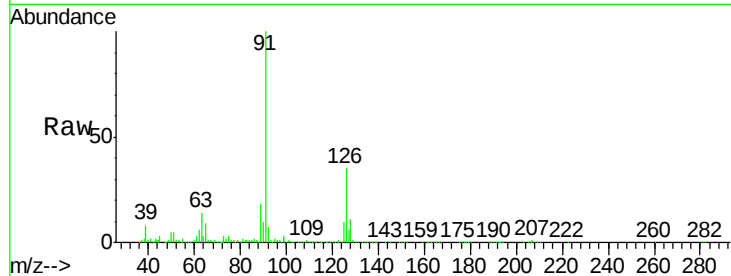
#79
2-Chlorotoluene
Concen: 20.336 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion: 91 Resp: 284026
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9

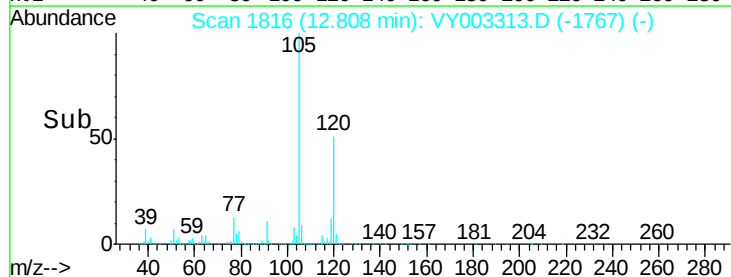
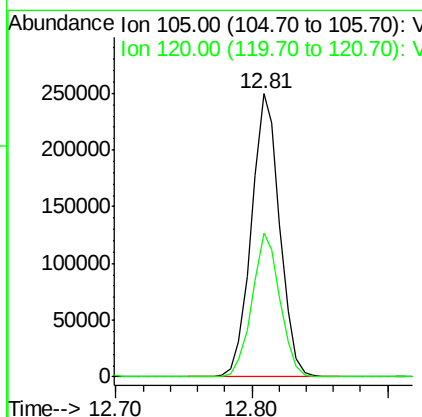
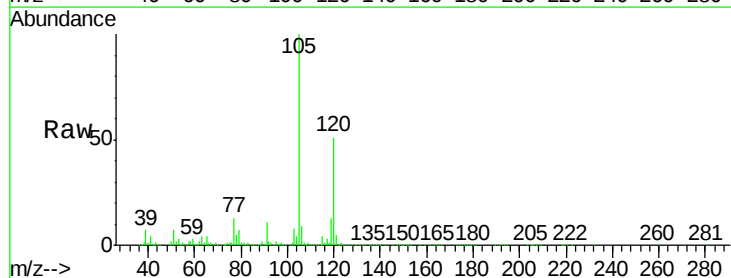
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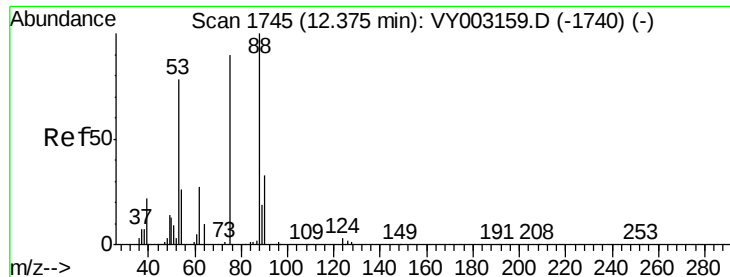
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#80
1,3,5-Trimethylbenzene
Concen: 20.470 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion: 105 Resp: 362322
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.728 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

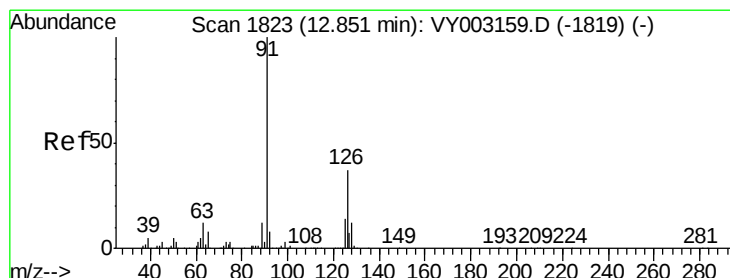
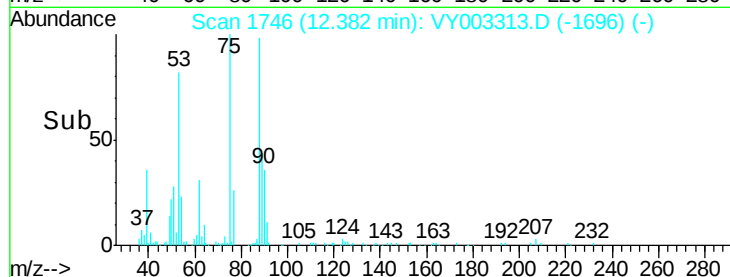
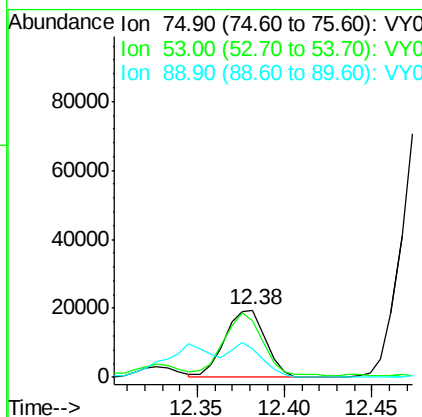
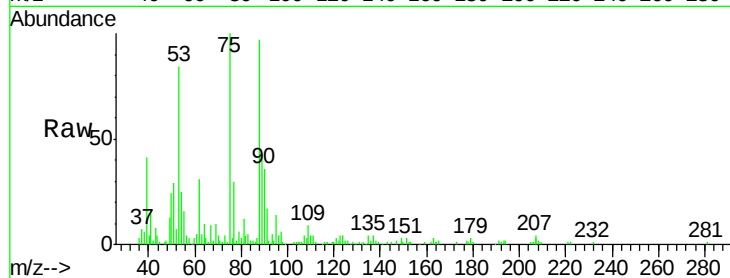
ClientSampleId :

VY0723SBS01

Tot Ion:	75	Resp:	31417
Ion Ratio	Lower	Upper	
75	100		
53	89.3	72.0	108.0
89	40.8	37.3	55.9

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#82

4-Chlorotoluene

Concen: 20.470 ug/l

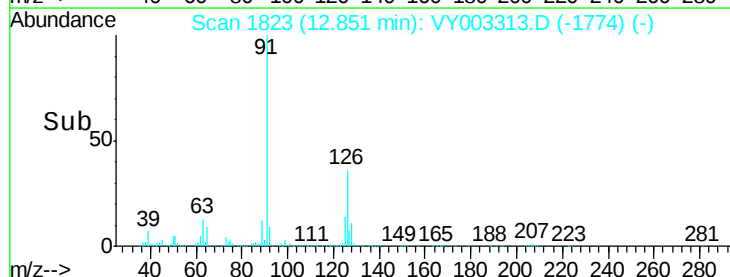
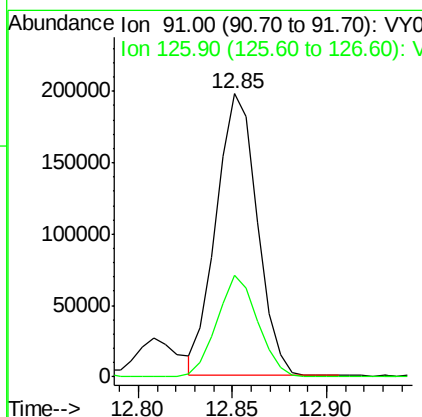
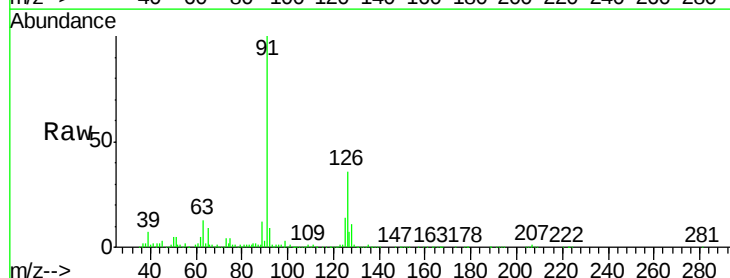
RT: 12.85 min Scan# 1823

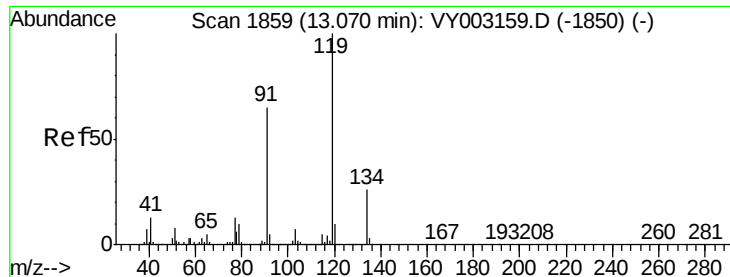
Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Tgt Ion:	91	Resp:	298403
Ion Ratio	Lower	Upper	
91	100		
126	35.9	17.9	53.7





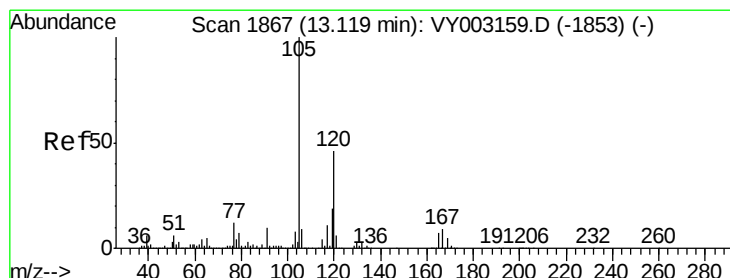
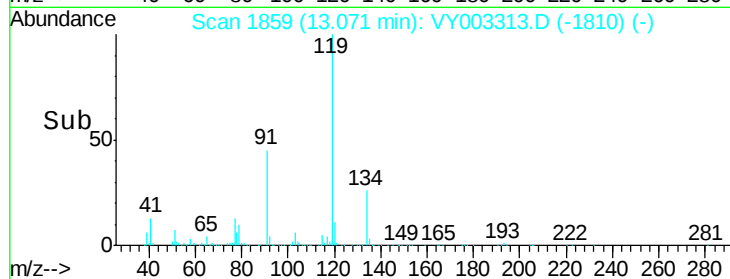
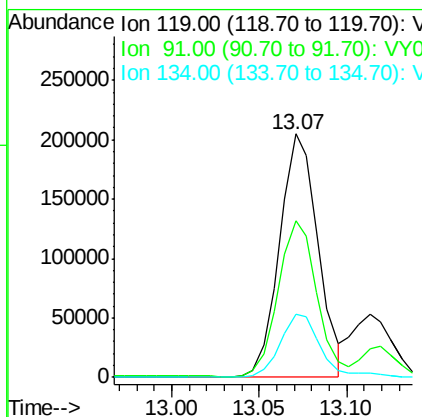
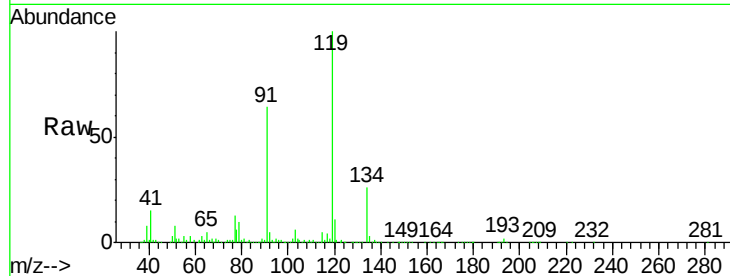
#83
tert-Butylbenzene
Concen: 20.106 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	30.8	92.4
134	27.6	13.2	39.6

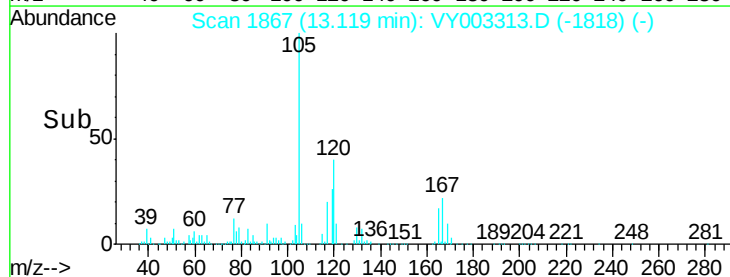
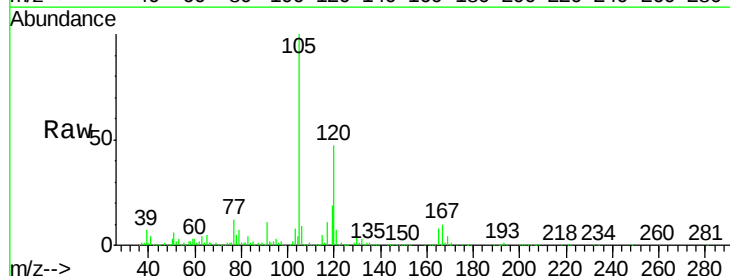
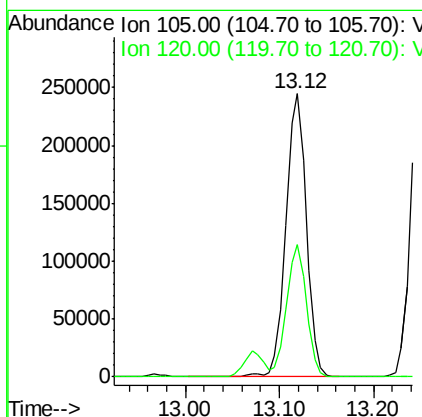
Manual Integrations
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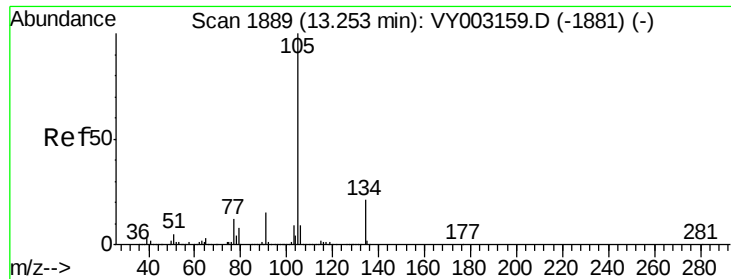
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#84
1,2,4-Trimethylbenzene
Concen: 20.494 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.5	67.5





#85

sec-Butylbenzene

Concen: 21.009 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0723SBS01

Tot Ion:105 Resp: 450966

Ion Ratio Lower Upper

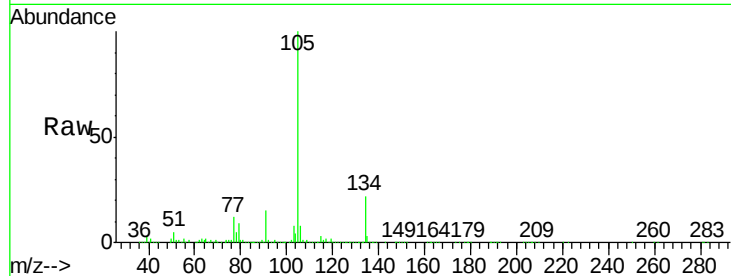
105 100

134 21.5 10.4 31.4

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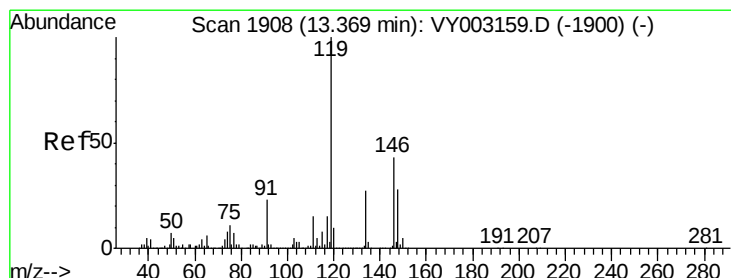
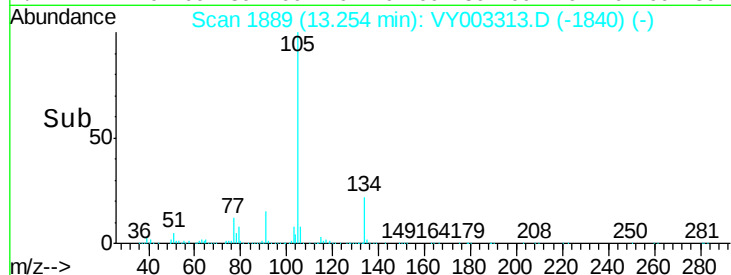
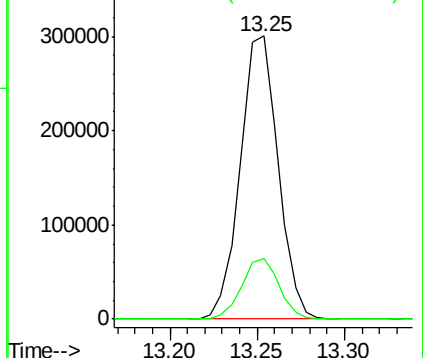
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.754 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003313.D

Acq: 23 Jul 2020 13:43

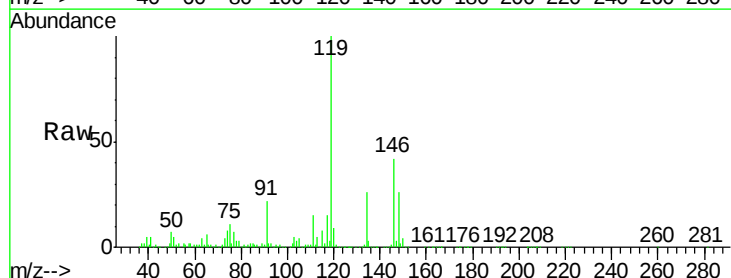
Tgt Ion:119 Resp: 415974

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

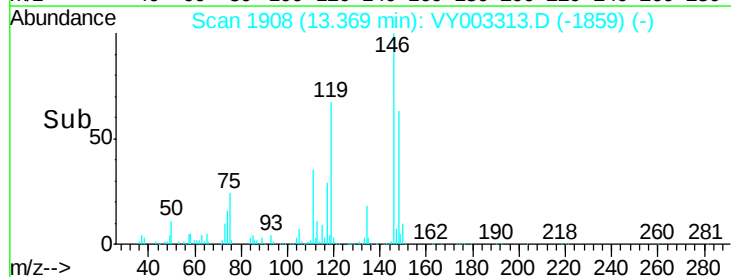
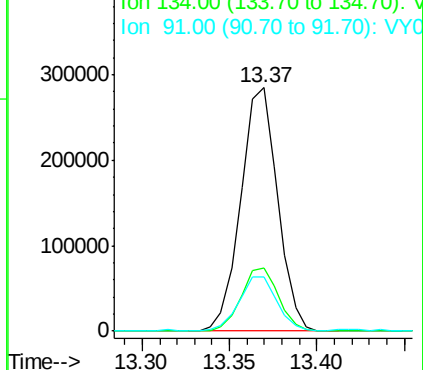
91 22.3 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





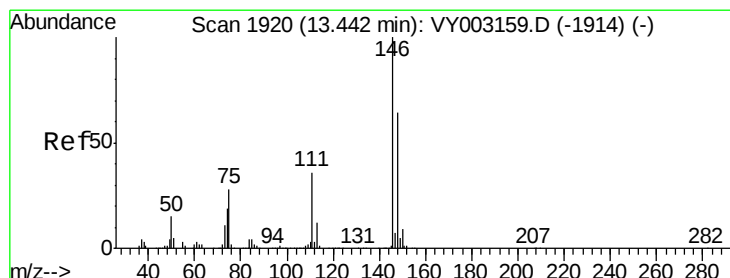
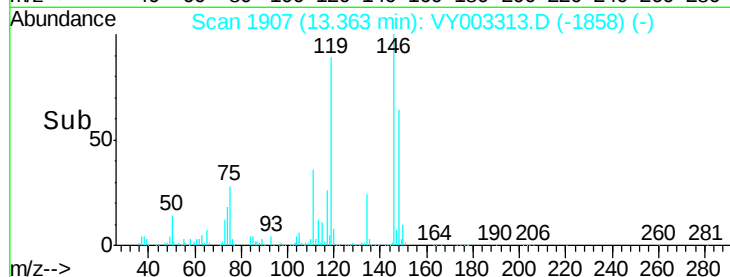
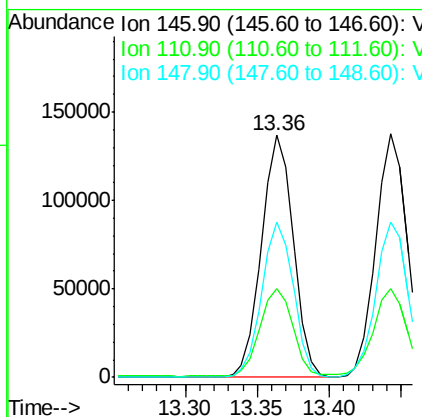
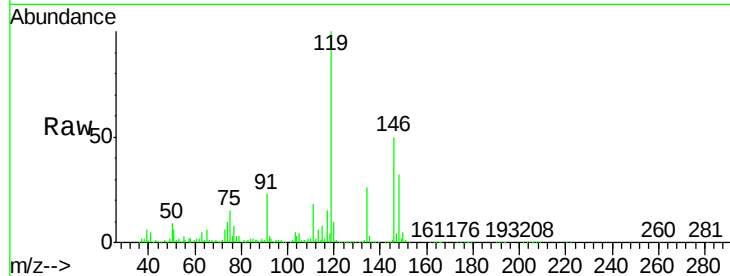
#87
 1,3-Dichlorobenzene
 Concen: 20.418 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.3
148	63.6	32.3	96.9

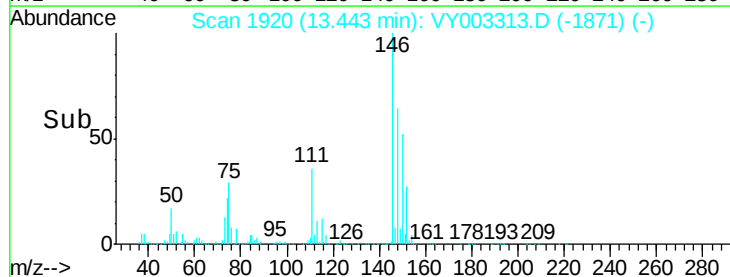
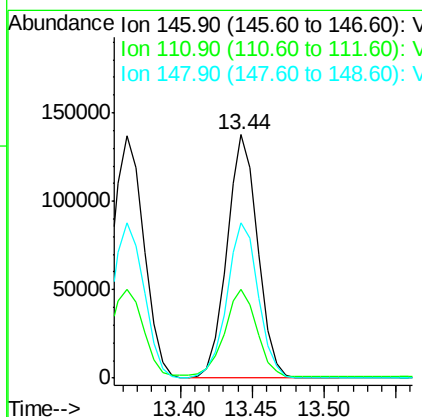
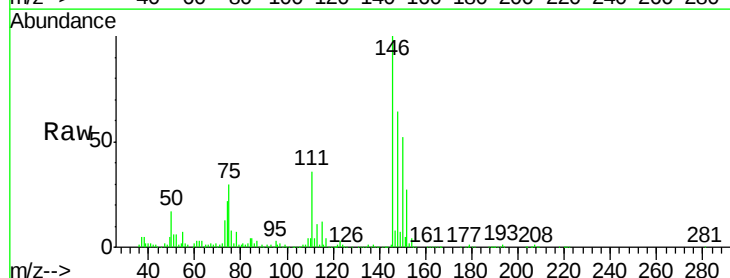
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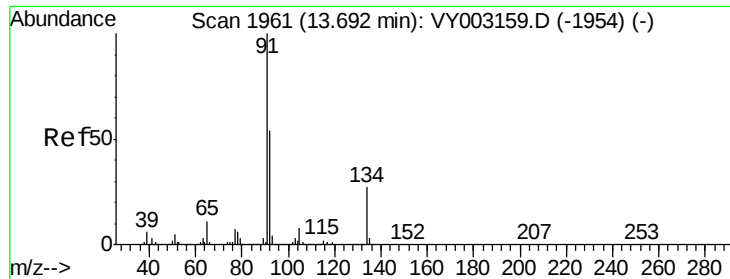
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#88
 1,4-Dichlorobenzene
 Concen: 20.298 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.0
148	65.1	32.0	96.0





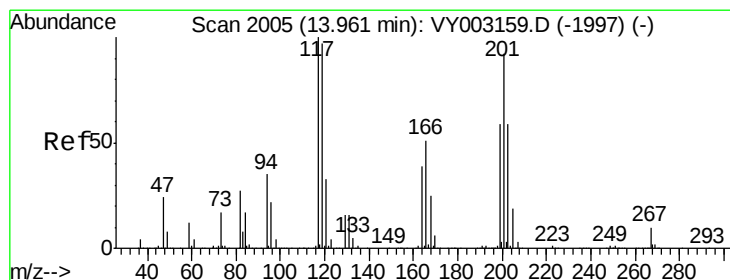
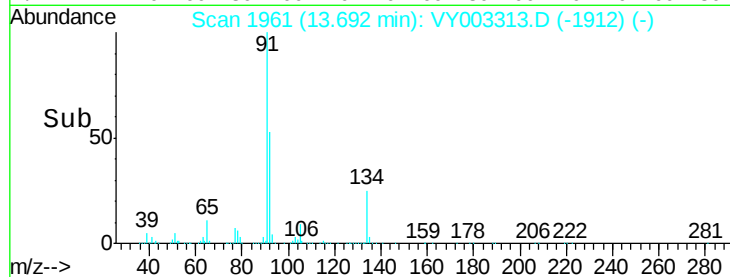
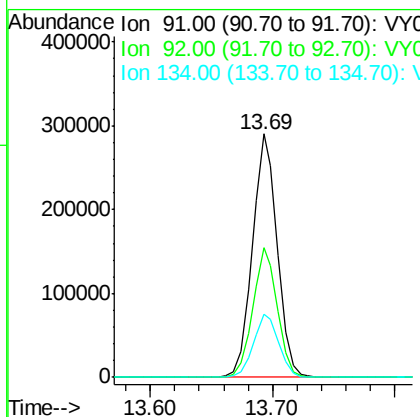
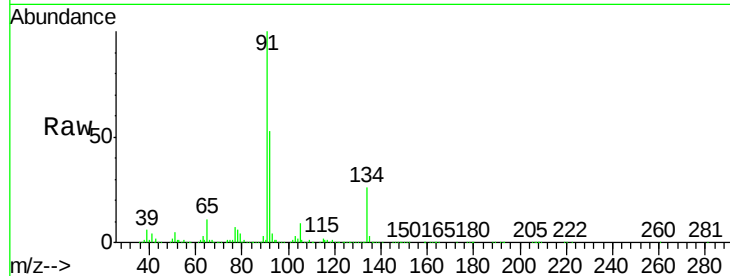
#89
n-Butylbenzene
Concen: 21.524 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.9	80.7
134	26.6	13.6	40.7

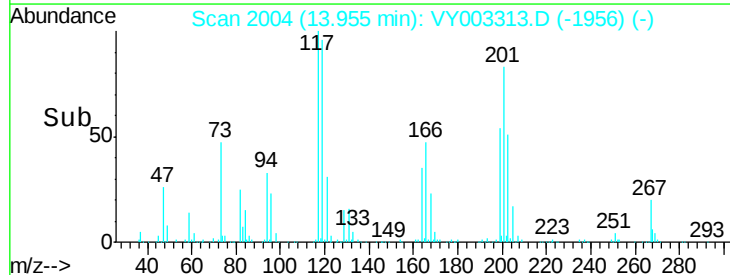
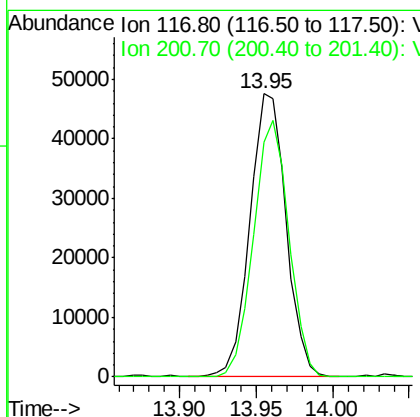
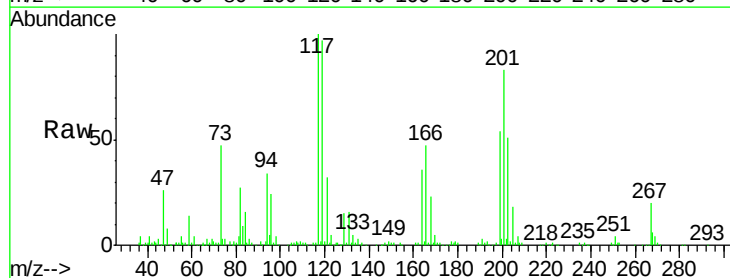
Manual Integrations
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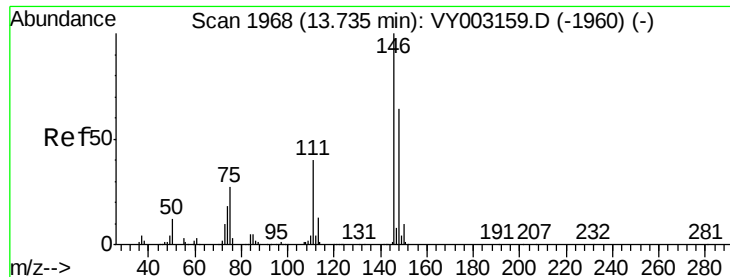
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#90
Hexachloroethane
Concen: 21.366 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	45.1	135.3





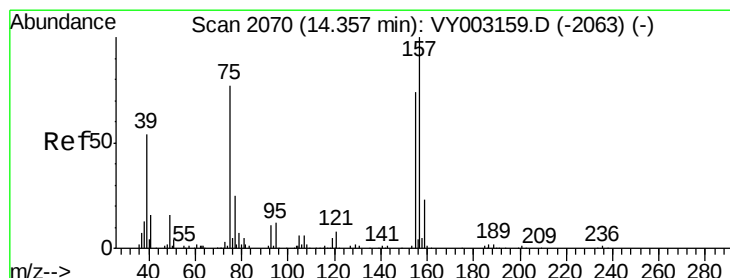
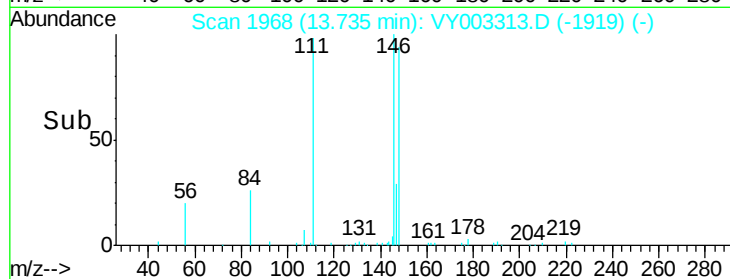
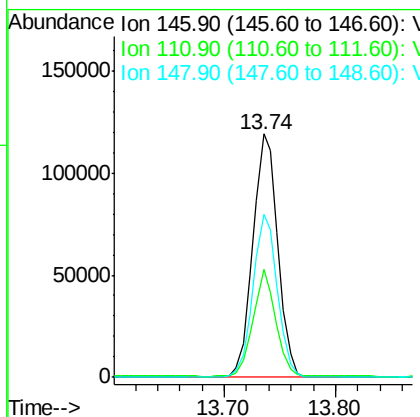
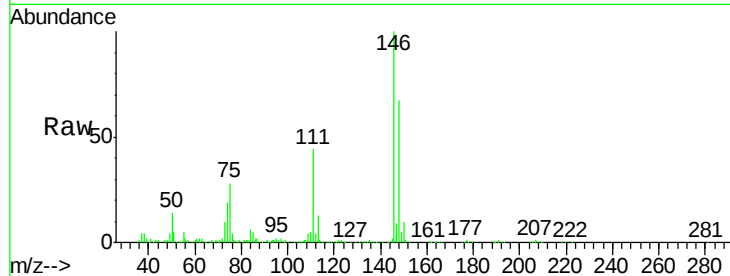
#91
 1,2-Dichlorobenzene
 Concen: 20.660 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	65.6	32.4	97.0

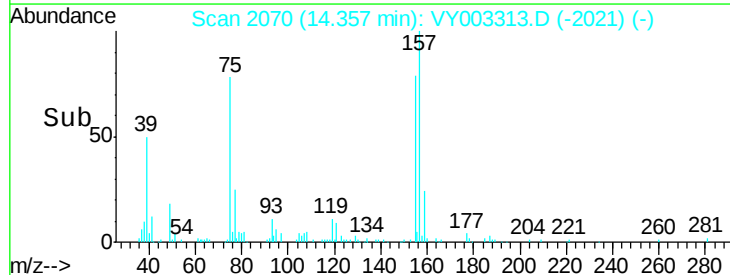
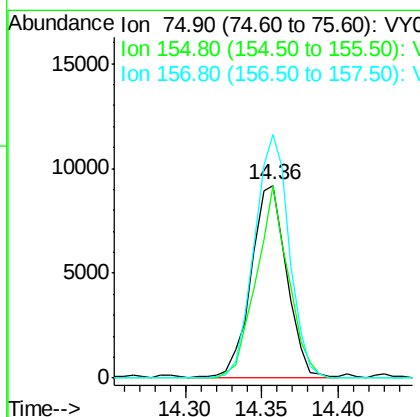
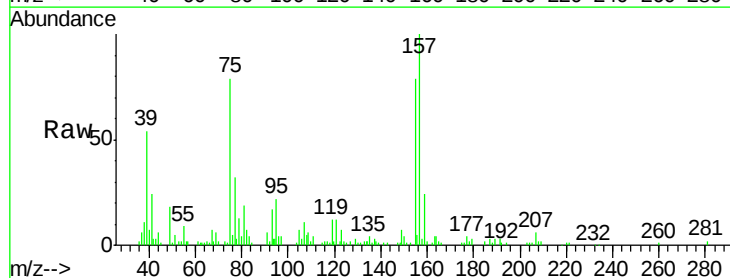
Manual Integrations
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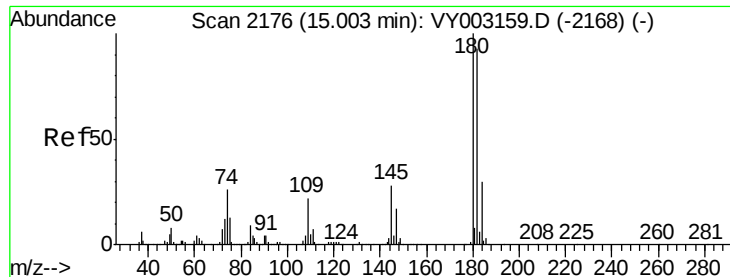
MMDadoda
 7/24/2020 12:58:30 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.578 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	48.1	144.3
157	122.9	61.9	185.6





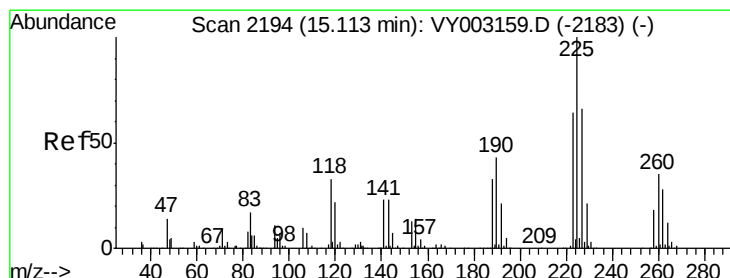
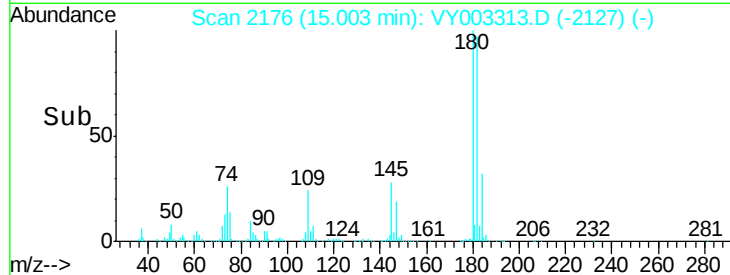
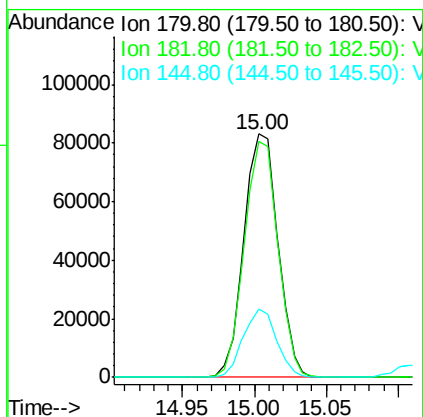
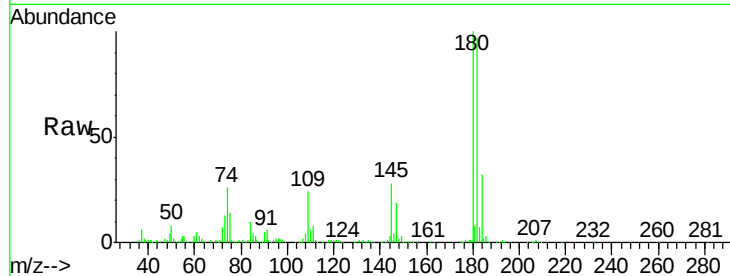
#93
 1,2,4-Trichlorobenzene
 Concen: 21.315 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136220		
182	95.5	47.3	142.0	
145	27.4	13.7	41.1	

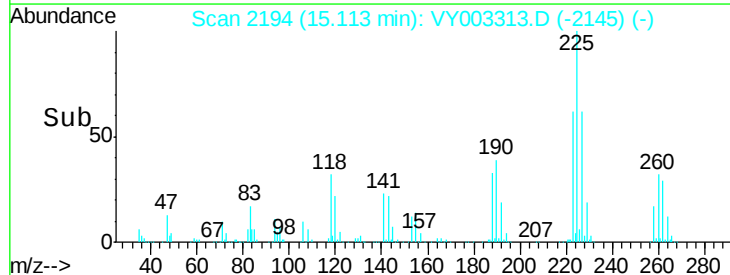
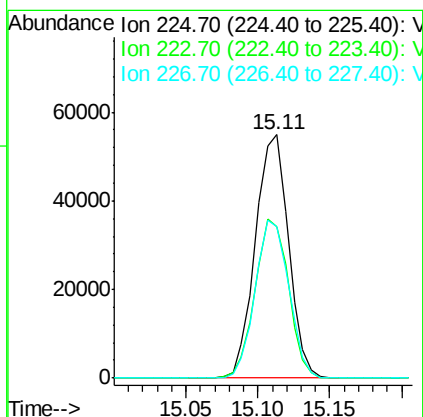
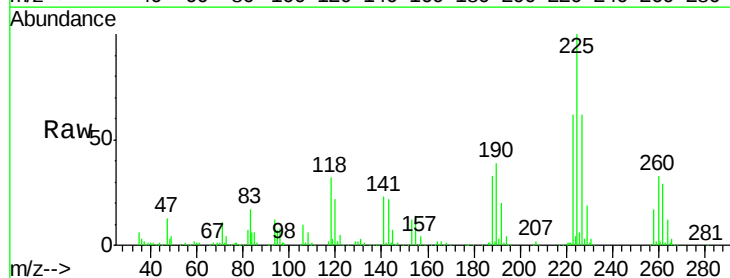
Manual Integrations
 APPROVED

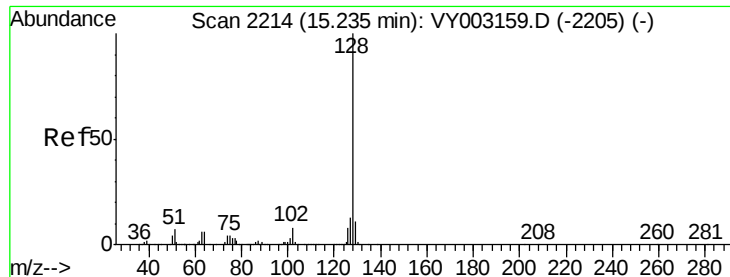
MMDadoda
 7/24/2020 12:58:30 PM



#94
 Hexachlorobutadiene
 Concen: 19.898 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003313.D
 Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87137		
223	66.0	31.6	94.7	
227	66.0	32.3	96.8	





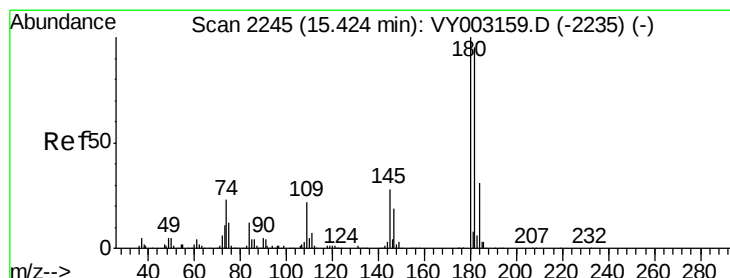
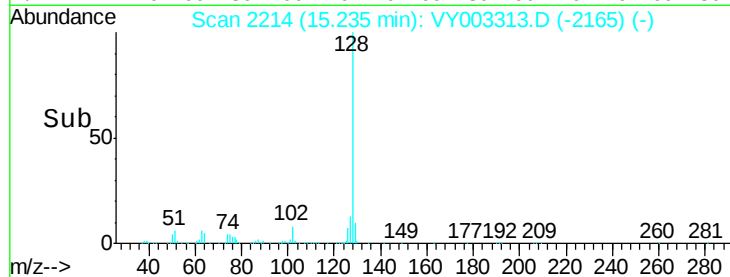
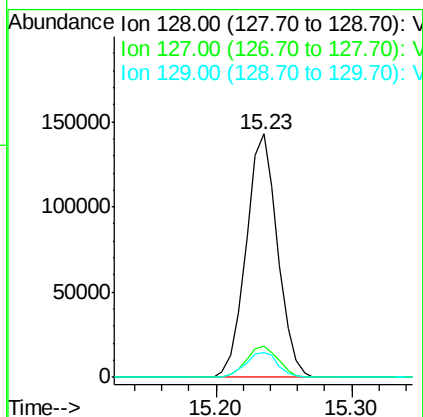
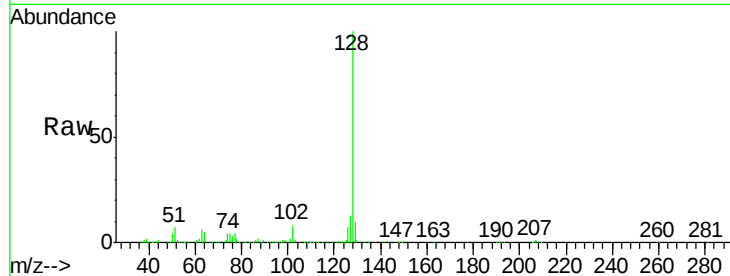
#95
Naphthalene
Concen: 21.861 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	230899		
127	13.1		10.9	16.3
129	10.7		9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/24/2020 12:58:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.272 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003313.D
Acq: 23 Jul 2020 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107467		
182	97.9		48.8	146.3
145	29.5		14.9	44.5

