

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002018.D
 Acq On : 19 Mar 2020 13:58
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/20/2020 12:06:17 PM

Quant Time: Mar 20 03:40:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	83215	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.74	113	78628	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.19	98	323643	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.49	95	112790	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	24528	17.030	ug/l	100
3) Chloromethane	2.13	50	34029	17.524	ug/l	95
4) Vinyl Chloride	2.26	62	35167	17.805	ug/l	97
5) Bromomethane	2.66	94	24591	17.514	ug/l	100
6) Chloroethane	2.81	64	23157	18.664	ug/l	93
7) Trichlorofluoromethane	3.15	101	48760	18.203	ug/l	91
8) Diethyl Ether	3.55	74	20001	18.945	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	32689	18.973	ug/l	99
10) Methyl Iodide	4.11	142	35514	17.825	ug/l	99
11) Tert butyl alcohol	4.97	59	34529	194.151	ug/l #	80
12) 1,1-Dichloroethene	3.90	96	32440	18.700	ug/l	96
13) Acrolein	3.76	56	15311	65.411	ug/l	93
14) Allyl chloride	4.51	41	58785	19.115	ug/l	99
15) Acrylonitrile	5.20	53	50477	89.474	ug/l	100
16) Acetone	3.98	43	42313	87.215	ug/l	90
17) Carbon Disulfide	4.22	76	99246	17.019	ug/l	98
18) Methyl Acetate	4.51	43	22726	18.231	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	87466	18.605	ug/l	99
20) Methylene Chloride	4.75	84	43730	21.031	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	36822	18.701	ug/l	98
22) Diisopropyl ether	6.15	45	122574	19.444	ug/l	99
23) Vinyl Acetate	6.10	43	380111	91.976	ug/l	96
24) 1,1-Dichloroethane	6.05	63	65754	19.261	ug/l	100
25) 2-Butanone	7.02	43	66457	90.076	ug/l	99
26) 2,2-Dichloropropane	7.01	77	57178	20.406	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	40503	18.910	ug/l	95
28) Bromochloromethane	7.36	49	31810	20.672	ug/l	98
29) Tetrahydrofuran	7.38	42	42276	86.288	ug/l	99
30) Chloroform	7.53	83	62608	19.520	ug/l	98
31) Cyclohexane	7.81	56	67788	18.520	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	52664	19.481	ug/l	99
36) 1,1-Dichloropropene	7.94	75	51720	19.078	ug/l	99
37) Ethyl Acetate	7.11	43	28886	18.333	ug/l	99
38) Carbon Tetrachloride	7.93	117	44972	19.419	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	67051	18.648	ug/l	96
40) Benzene	8.19	78	152009	18.918	ug/l	99
41) Methacrylonitrile	7.35	41	15186m	21.416	ug/l	
42) 1,2-Dichloroethane	8.26	62	39454	19.055	ug/l	98
43) Isopropyl Acetate	8.30	43	53370	17.891	ug/l	99
44) Trichloroethene	8.96	130	37351	19.087	ug/l	100
45) 1,2-Dichloropropane	9.24	63	39504	19.557	ug/l	100
46) Dibromomethane	9.32	93	19088	18.338	ug/l	99
47) Bromodichloromethane	9.52	83	46546	19.223	ug/l	96
48) Methyl methacrylate	9.31	41	23255	17.569	ug/l	95
49) 1,4-Dioxane	9.32	88	4790	335.832	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	153517	99.914	ug/l	98
52) Toluene	10.26	92	93480	19.151	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	49662	18.825	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	58980	18.781	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	28604	18.777	ug/l	99
56) Ethyl methacrylate	10.52	69	40017	17.922	ug/l	94
57) 1,3-Dichloropropane	10.80	76	50871	18.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	108752	122.994	ug/l	98
59) 2-Hexanone	10.85	43	94646	86.303	ug/l	98
60) Dibromochloromethane	11.00	129	29790	18.558	ug/l	99
61) 1,2-Dibromoethane	11.10	107	26038	18.044	ug/l	98
64) Tetrachloroethene	10.73	164	30928	19.359	ug/l	97
65) Chlorobenzene	11.53	112	95285	18.772	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	32103	19.286	ug/l	98
67) Ethyl Benzene	11.60	91	181167	19.137	ug/l	98
68) m/p-Xylenes	11.71	106	133639	38.183	ug/l	99
69) o-Xylene	12.04	106	63815	19.345	ug/l	99
70) Styrene	12.05	104	108158	19.143	ug/l	100
71) Bromoform	12.22	173	16592	18.380	ug/l #	99
73) Isopropylbenzene	12.34	105	169301	19.005	ug/l	100
74) N-amyl acetate	12.15	43	48376	17.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	34116	17.759	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	23238m	16.782	ug/l	
77) Bromobenzene	12.62	156	36113	19.134	ug/l	98
78) n-propylbenzene	12.68	91	209386	19.052	ug/l	100
79) 2-Chlorotoluene	12.77	91	115358	18.999	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	141494	19.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	12007	17.516	ug/l	97
82) 4-Chlorotoluene	12.86	91	121114	19.157	ug/l	100
83) tert-Butylbenzene	13.08	119	116800	19.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	139442	19.159	ug/l	99
85) sec-Butylbenzene	13.26	105	177168	19.733	ug/l	100
86) p-Isopropyltoluene	13.38	119	150156	19.387	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	72567	19.620	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	71359	19.018	ug/l	98
89) n-Butylbenzene	13.70	91	155949	19.408	ug/l	99
90) Hexachloroethane	13.97	117	27901	19.096	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	65190	19.401	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5080	16.946	ug/l	92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	40893	18.766	ug/l	97
94) Hexachlorobutadiene	15.12	225	20199	19.013	ug/l	98
95) Naphthalene	15.25	128	86913	16.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	35249	18.363	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion:168 Resp: 156029

Ion Ratio Lower Upper

168 100

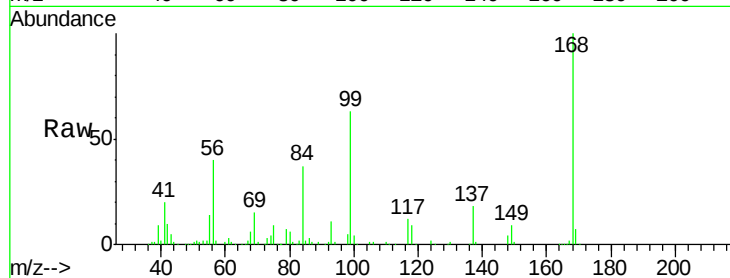
99 62.9 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

60000

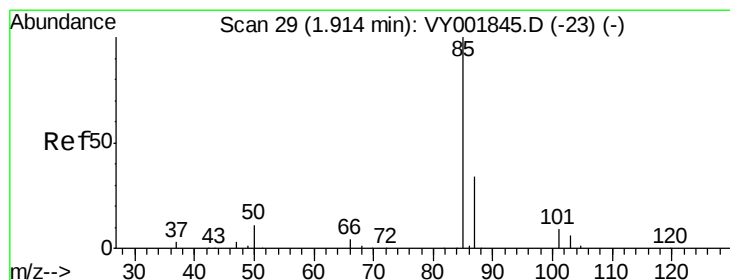
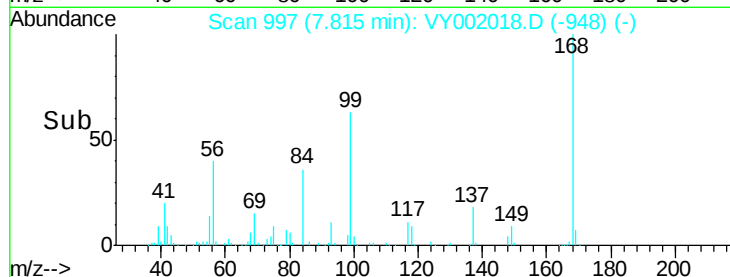
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.030 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002018.D

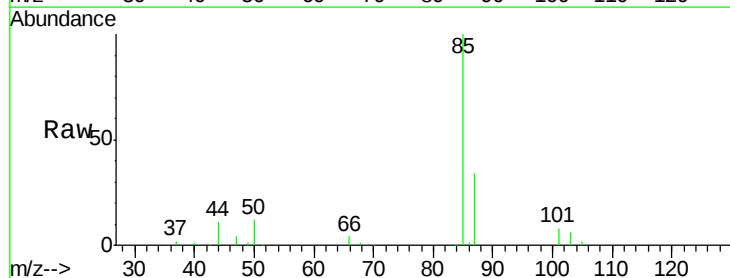
Acq: 19 Mar 2020 13:58

Tgt Ion: 85 Resp: 24528

Ion Ratio Lower Upper

85 100

87 33.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

20000

15000

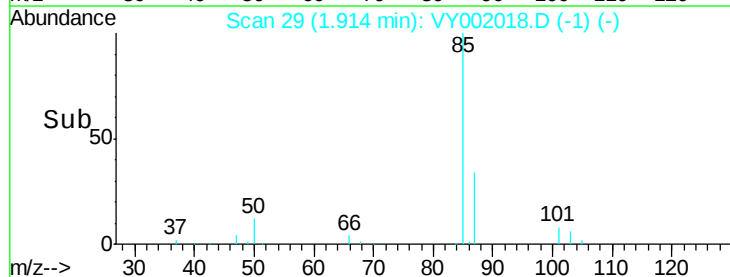
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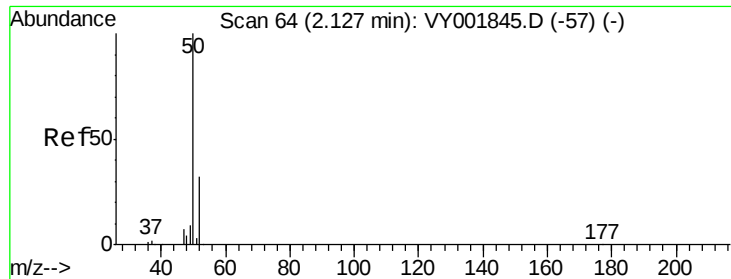
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.524 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 50 Resp: 34029

Ion Ratio Lower Upper

50 100

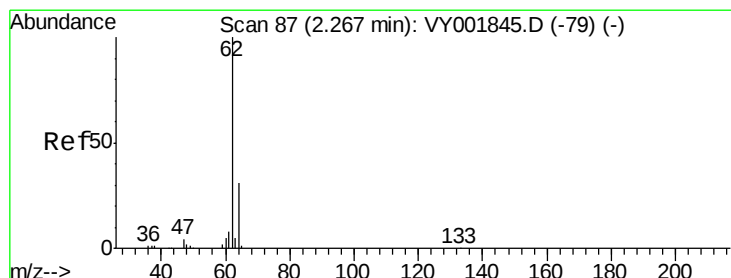
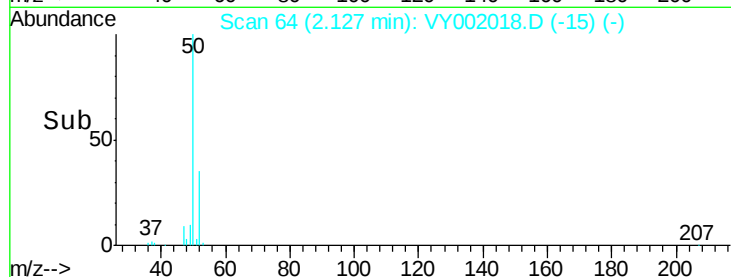
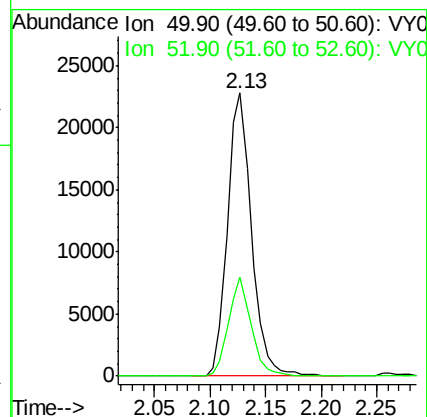
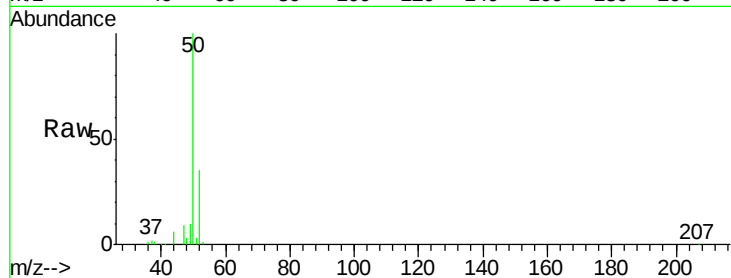
52 34.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.805 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002018.D

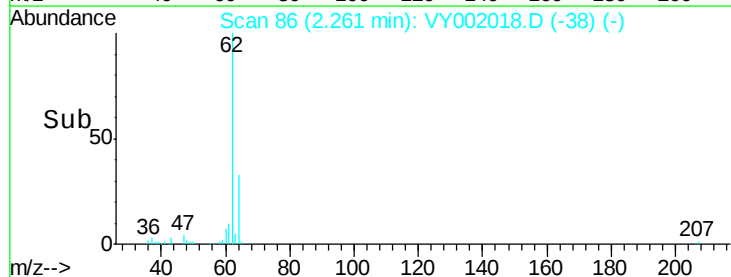
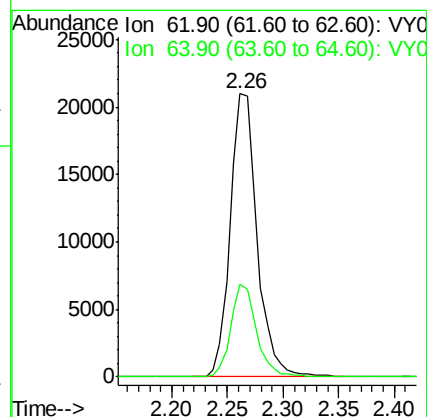
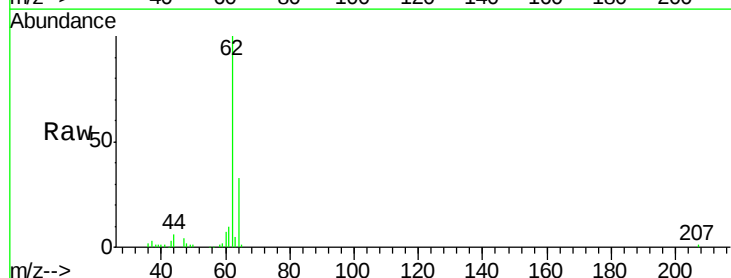
Acq: 19 Mar 2020 13:58

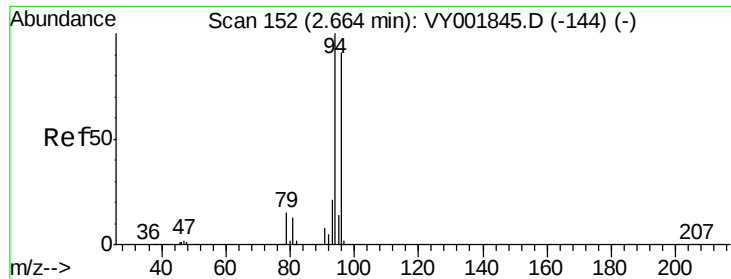
Tgt Ion: 62 Resp: 35167

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 17.514 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 94 Resp: 24591

Ion Ratio Lower Upper

94 100

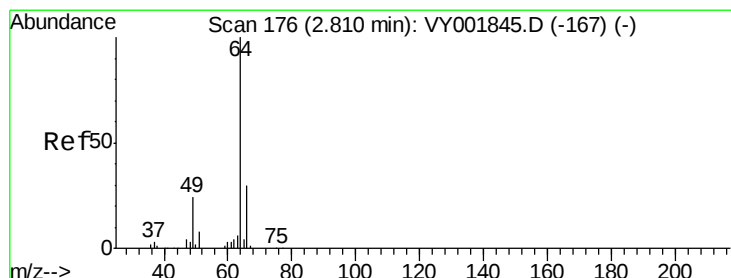
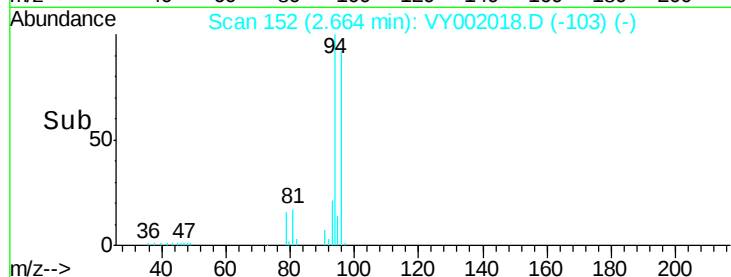
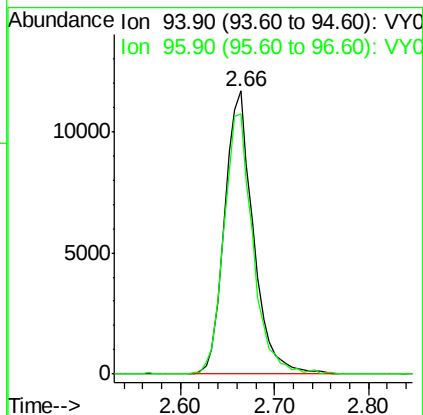
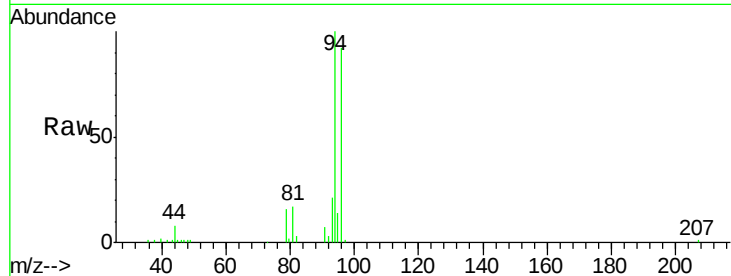
96 91.8 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 18.664 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002018.D

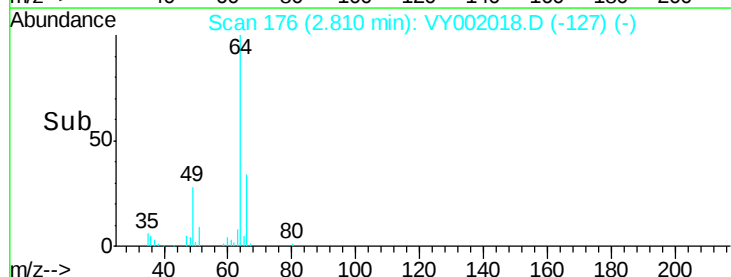
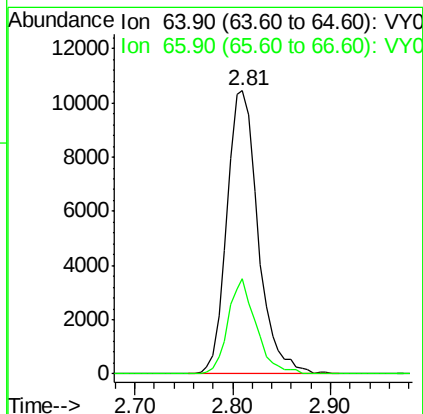
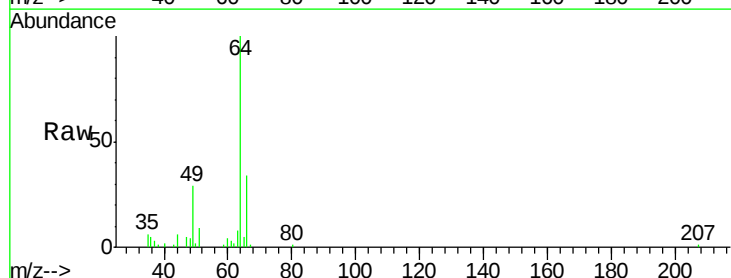
Acq: 19 Mar 2020 13:58

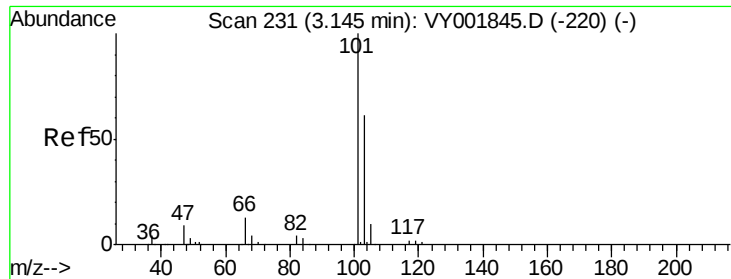
Tgt Ion: 64 Resp: 23157

Ion Ratio Lower Upper

64 100

66 33.7 23.8 35.8





#7

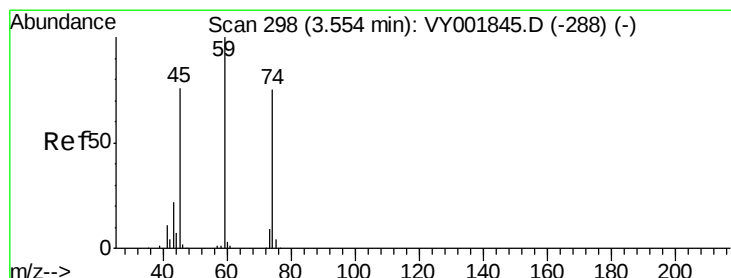
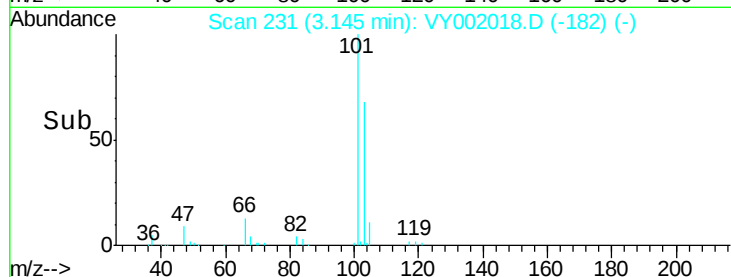
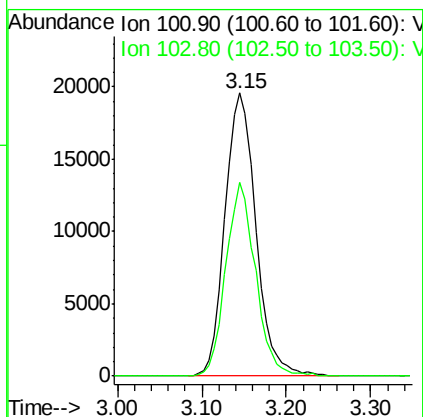
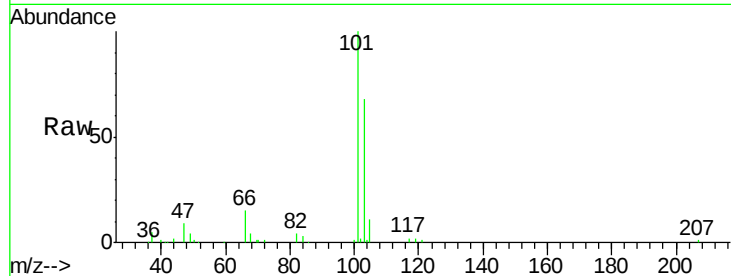
Trichlorofluoromethane
Concen: 18.203 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
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ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.5	49.1	73.7

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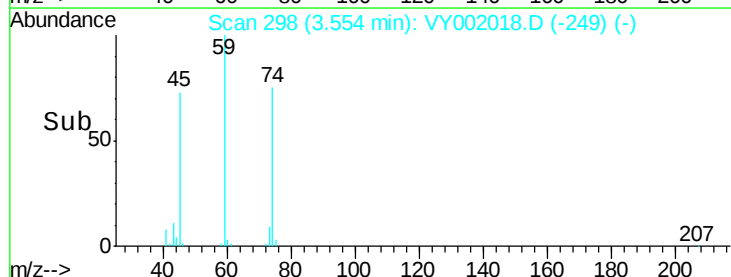
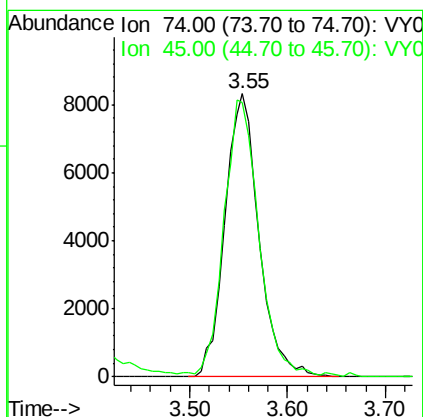
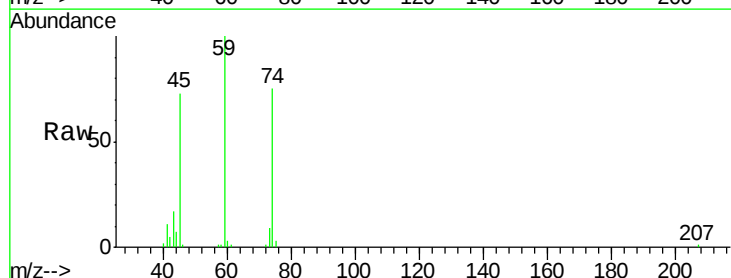
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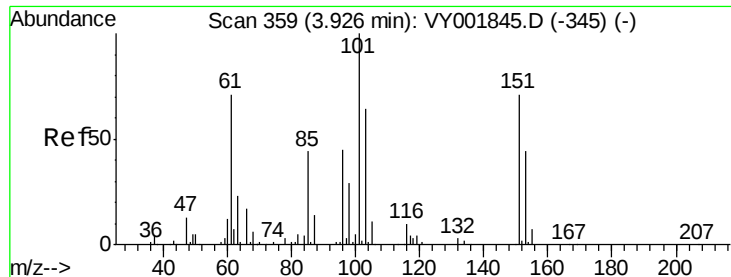


#8

Diethyl Ether
Concen: 18.945 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.973 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

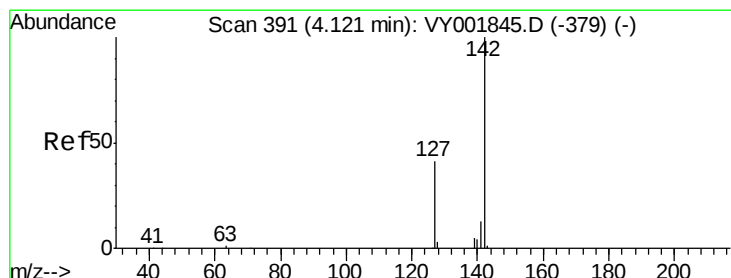
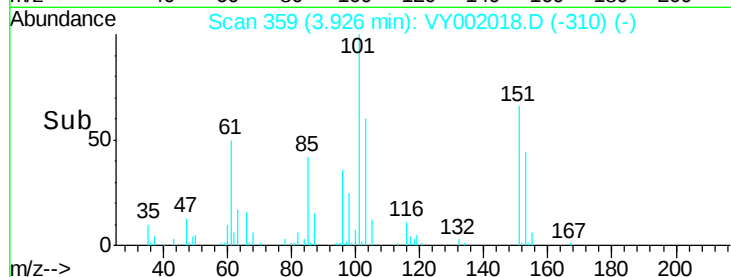
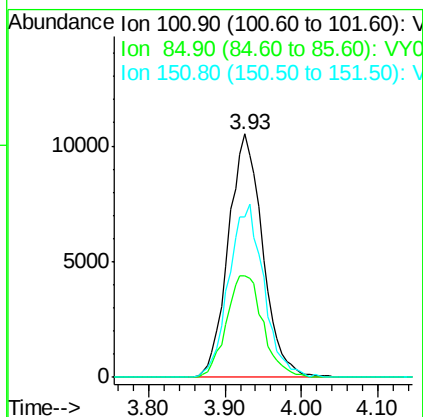
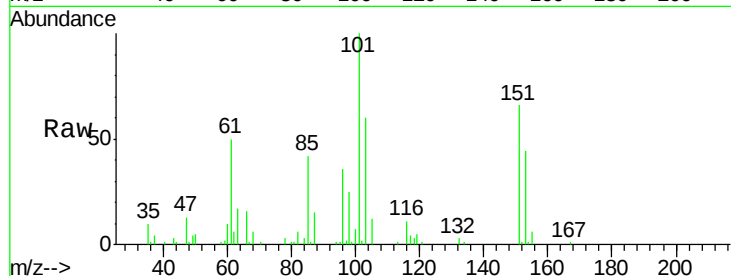
ClientSampleId :

VY0319SBS01

Tot Ion:	101	Resp:	32689
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.3	52.9
151	72.3	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 17.825 ug/l

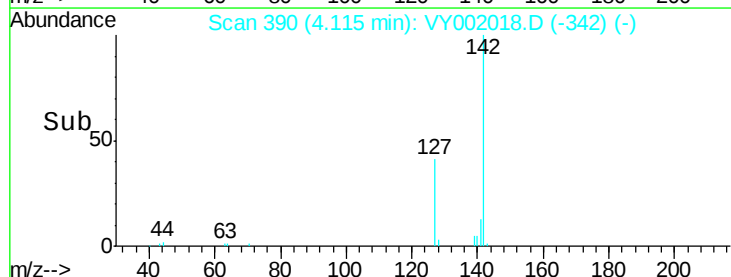
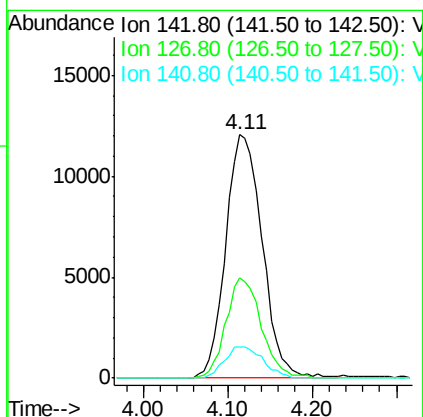
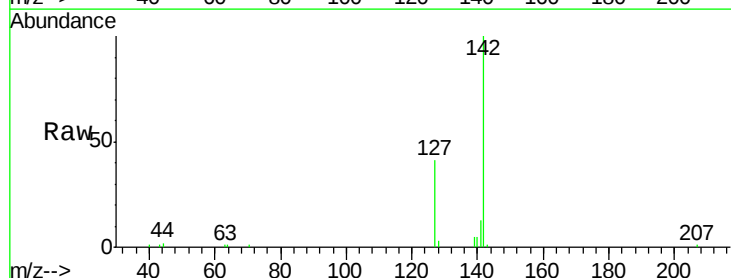
RT: 4.11 min Scan# 390

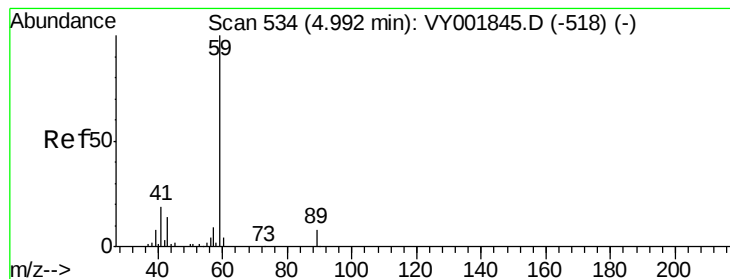
Delta R.T. -0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion:	142	Resp:	35514
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.7	49.1
141	13.7	11.0	16.6





#11

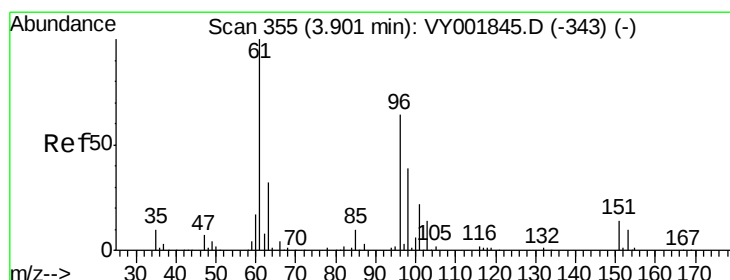
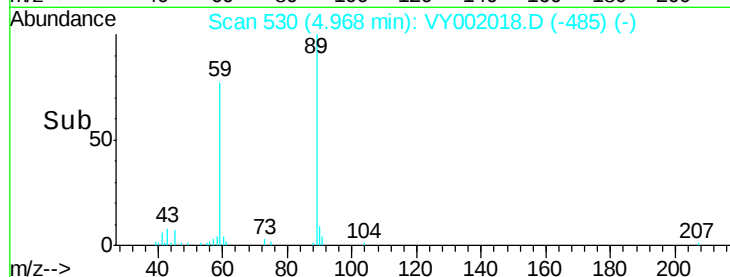
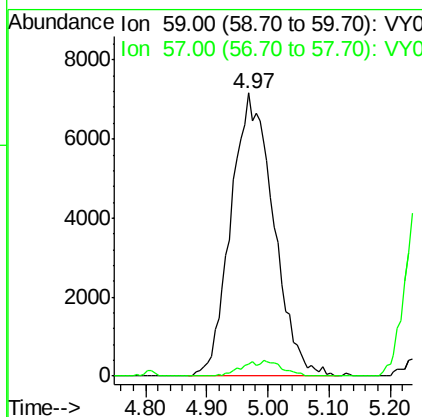
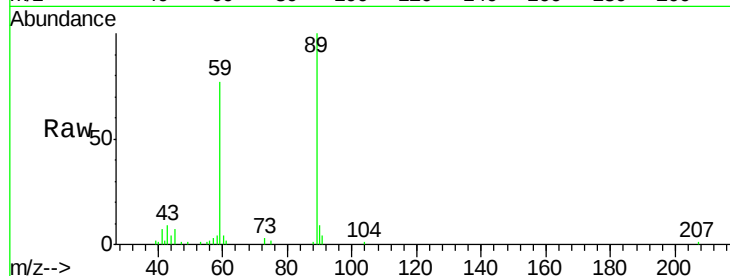
Tert butyl alcohol
Concen: 194.151 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 59 Resp: 34529
Ion Ratio Lower Upper
59 100
57 2.0 7.4 11.2#

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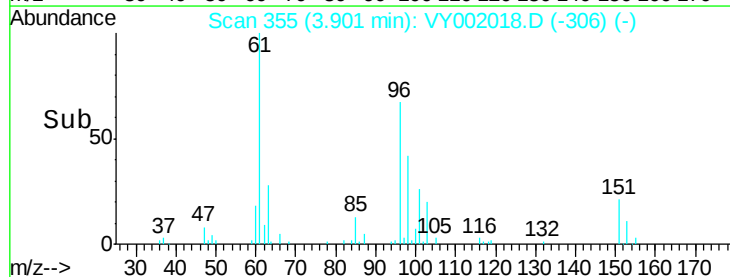
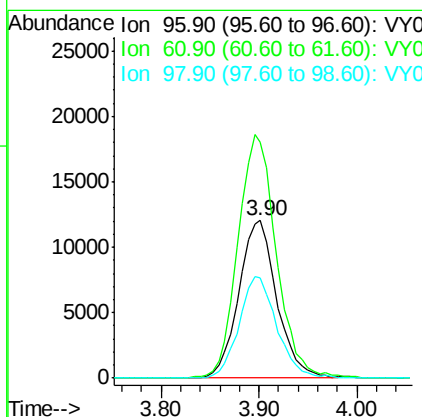
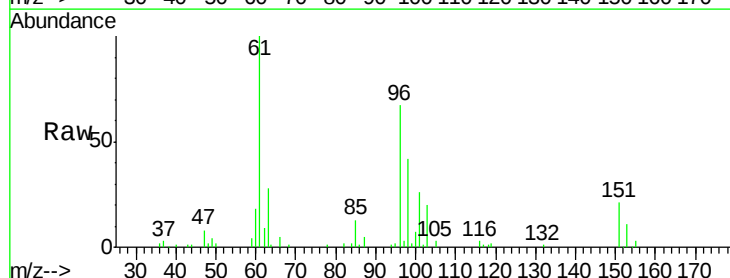
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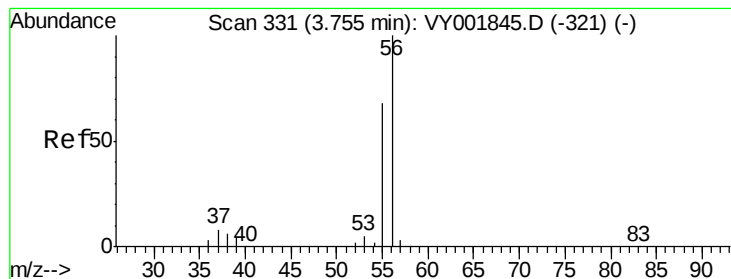


#12

1,1-Dichloroethene
Concen: 18.700 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 96 Resp: 32440
Ion Ratio Lower Upper
96 100
61 150.0 124.8 187.2
98 63.7 49.2 73.8





#13

Acrolein

Concen: 65.411 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 56 Resp: 15311

Ion Ratio Lower Upper

56 100

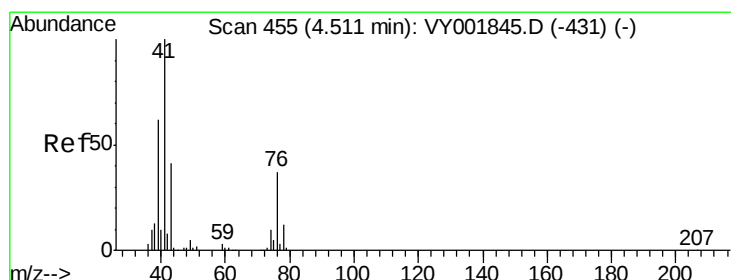
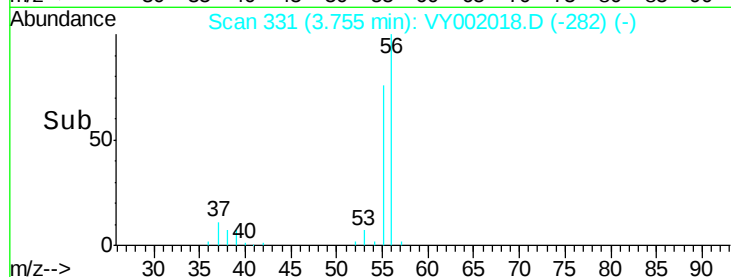
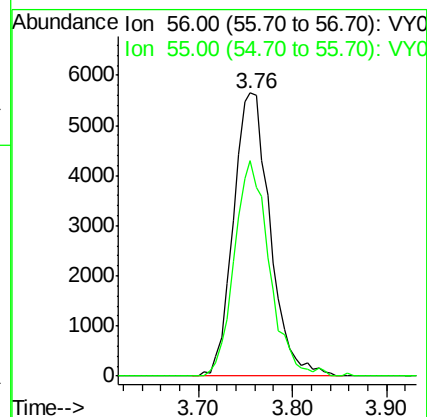
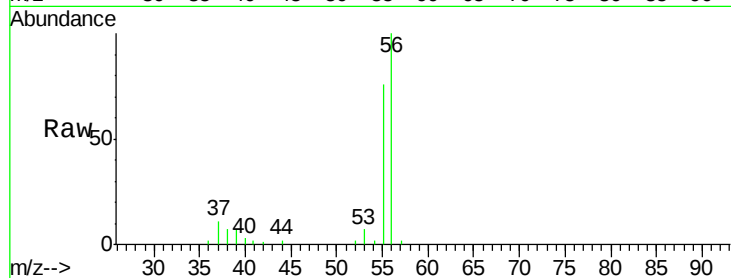
55 73.0 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 19.115 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

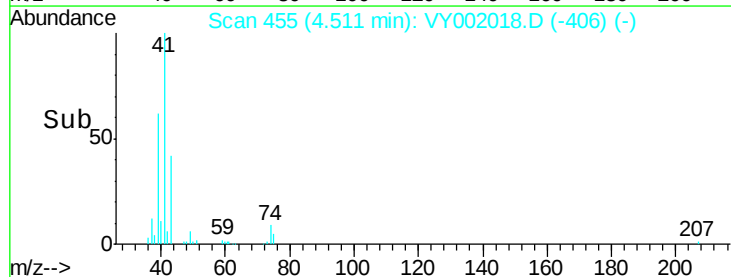
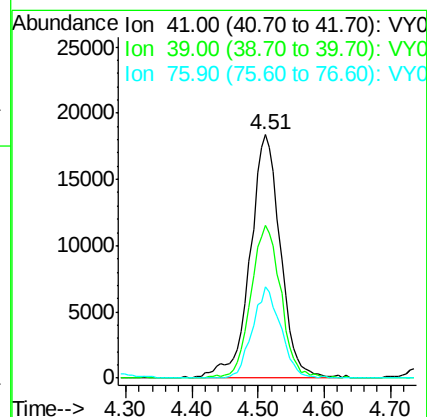
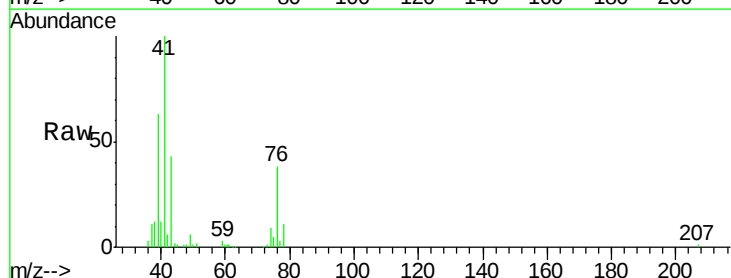
Tgt Ion: 41 Resp: 58785

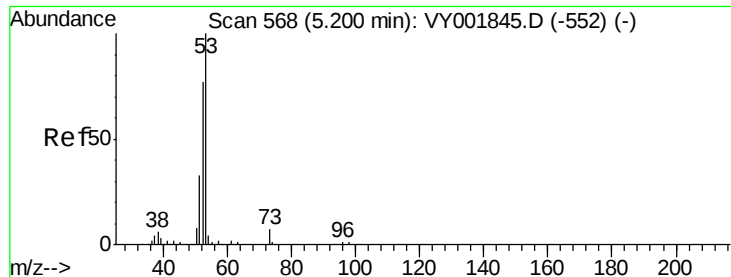
Ion Ratio Lower Upper

41 100

39 62.0 49.0 73.6

76 34.7 28.9 43.3





#15

Acrylonitrile

Concen: 89.474 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

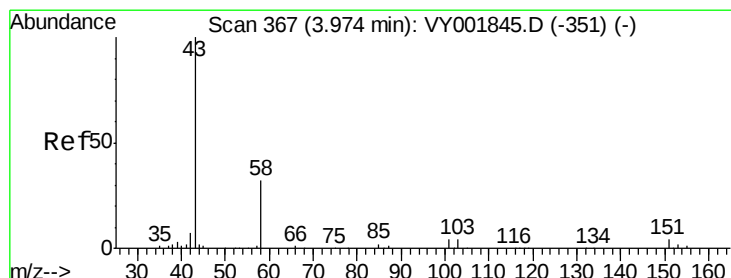
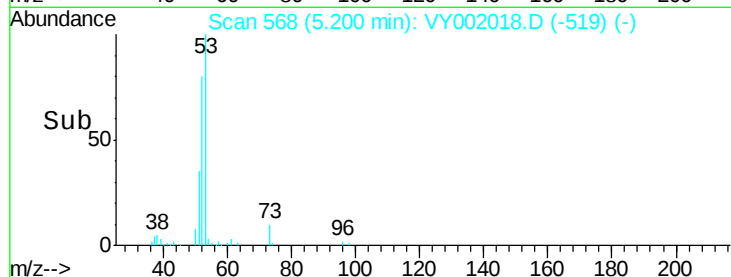
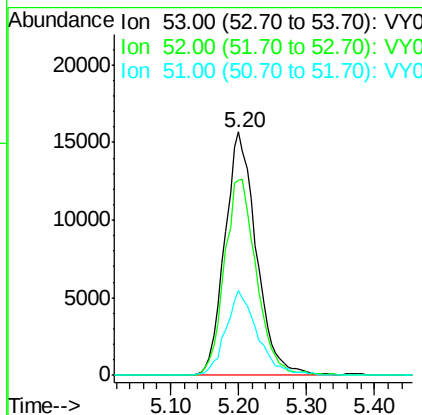
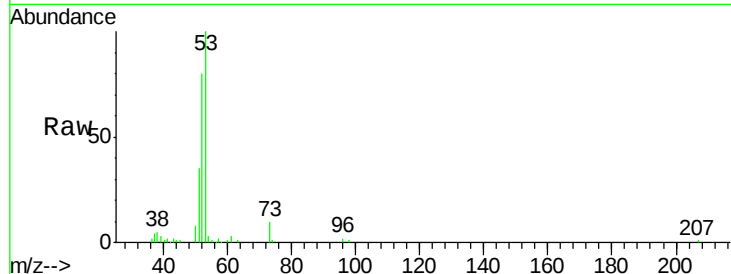
ClientSampleId :

VY0319SBS01

Tot Ion:	53	Resp:	50477
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.1	97.7
51	35.1	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 87.215 ug/l

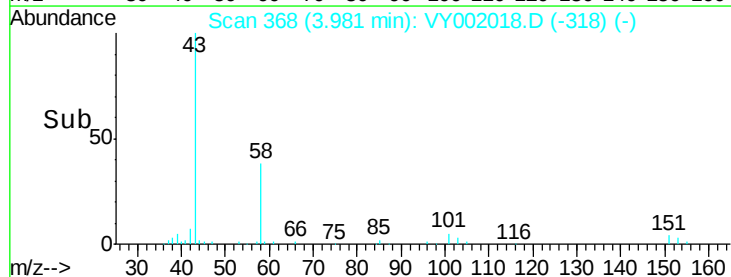
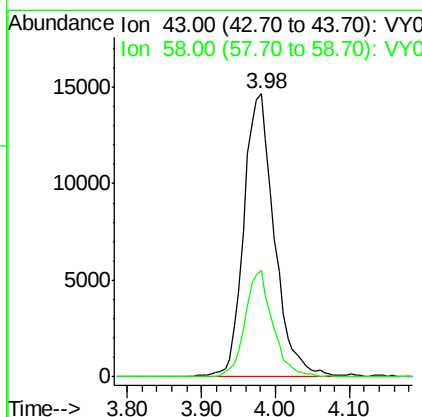
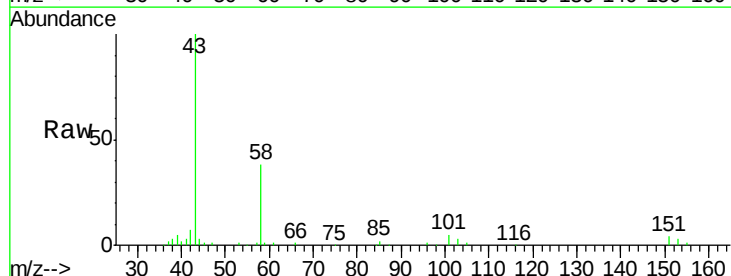
RT: 3.98 min Scan# 368

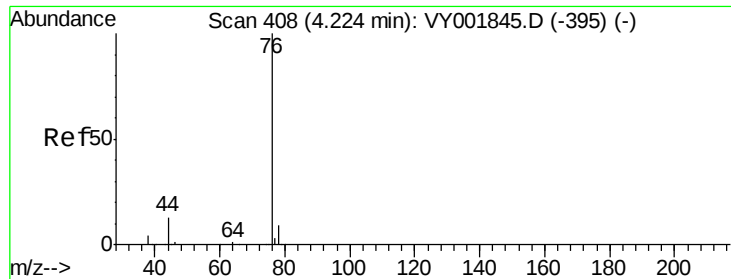
Delta R.T. 0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion:	43	Resp:	42313
Ion Ratio	Lower	Upper	
43	100		
58	37.8	25.9	38.9





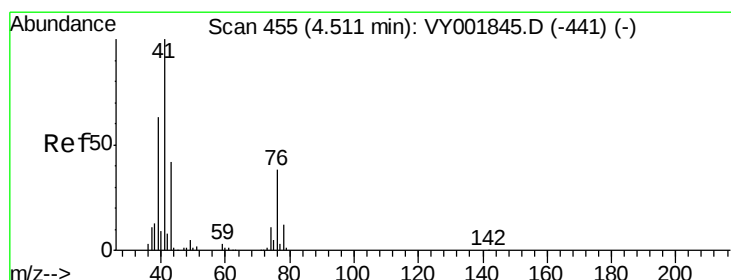
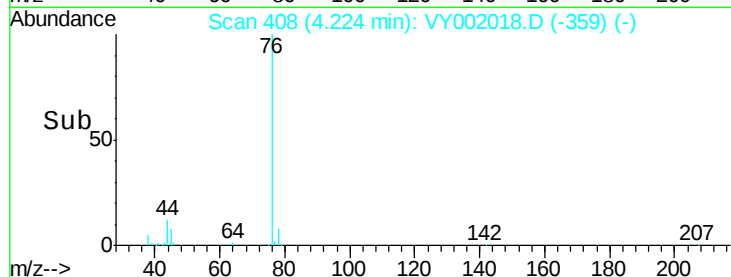
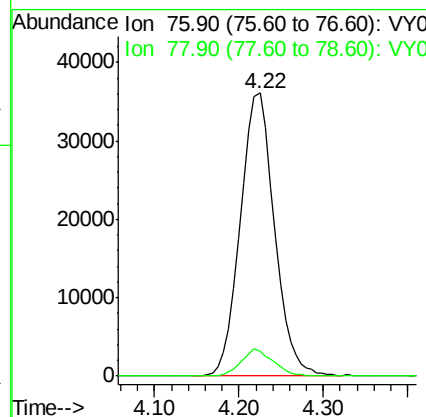
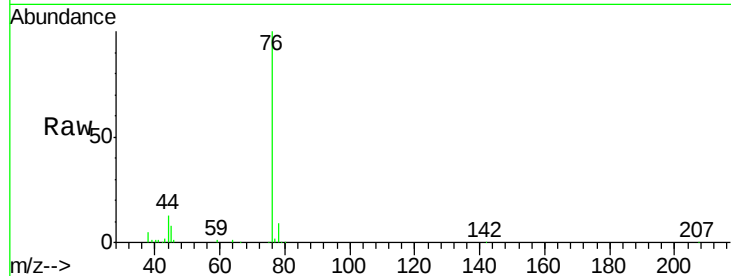
#17
Carbon Disulfide
Concen: 17.019 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

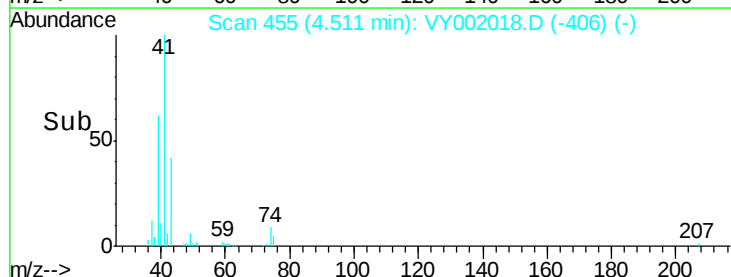
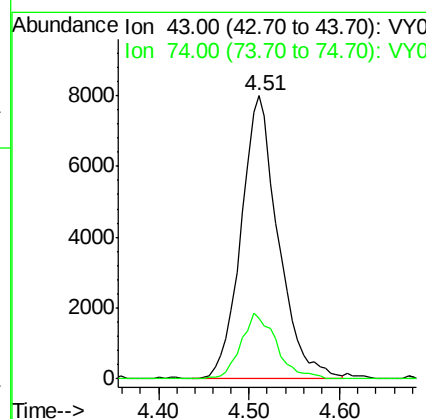
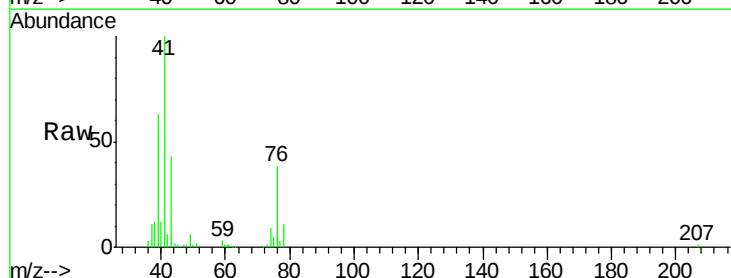
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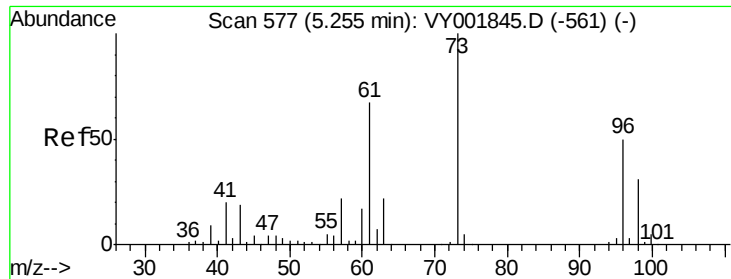
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#18
Methyl Acetate
Concen: 18.231 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	19.0	28.6





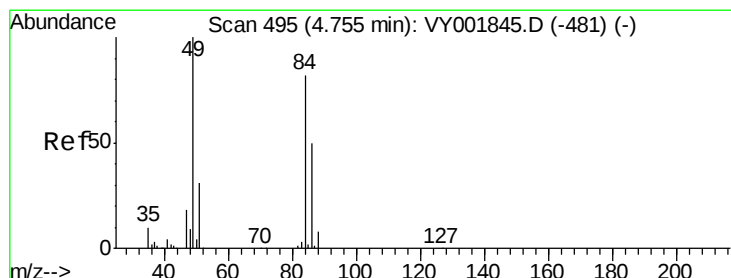
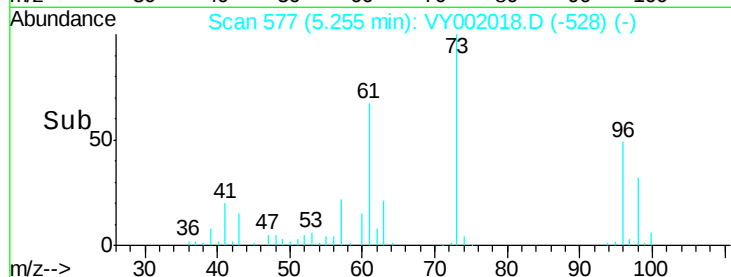
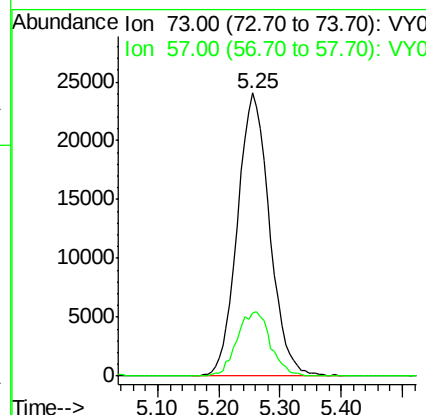
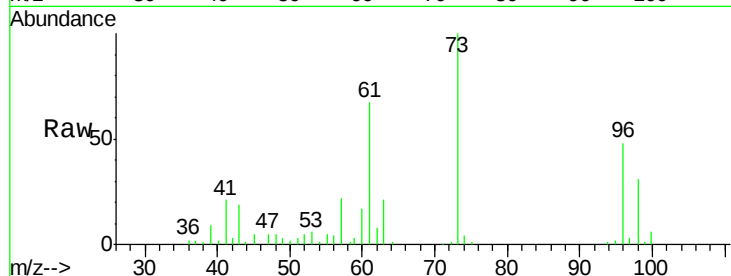
#19
Methyl tert-butyl Ether
Concen: 18.605 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleID :
VY0319SBS01

Tot Ion: 73 Resp: 87466
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

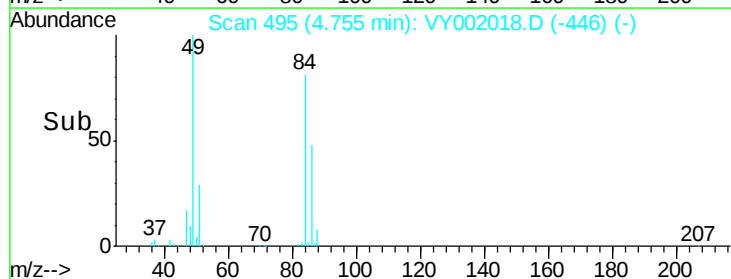
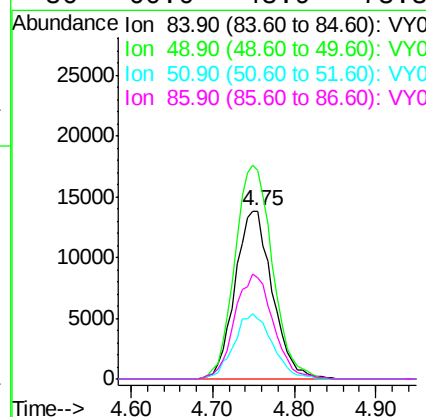
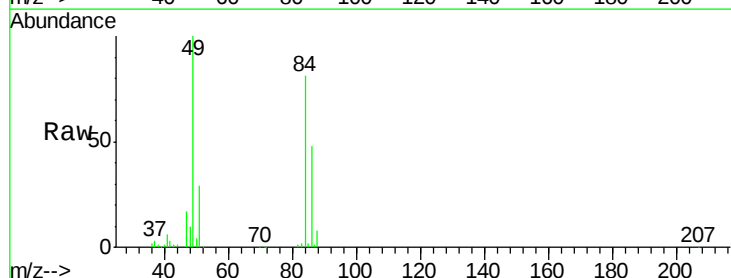
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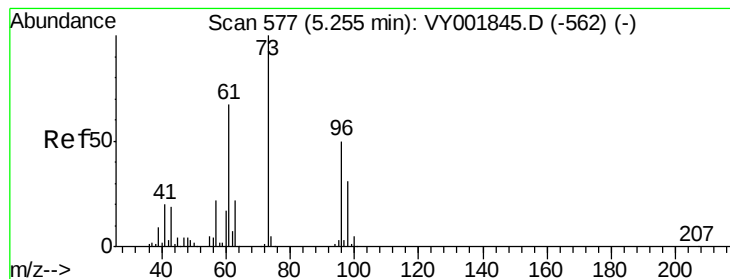
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#20
Methylene Chloride
Concen: 21.031 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 84 Resp: 43730
Ion Ratio Lower Upper
84 100
49 124.1 98.2 147.2
51 35.7 30.2 45.2
86 60.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 18.701 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 96 Resp: 36822

Ion Ratio Lower Upper

96 100

61 130.9 107.7 161.5

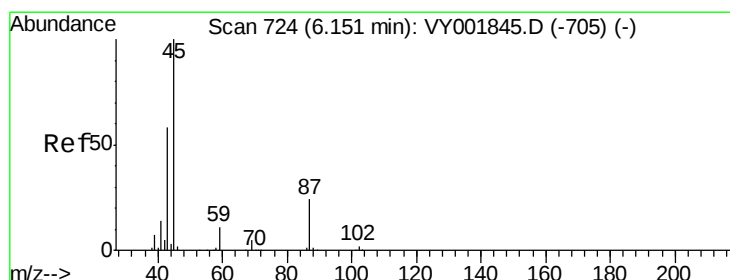
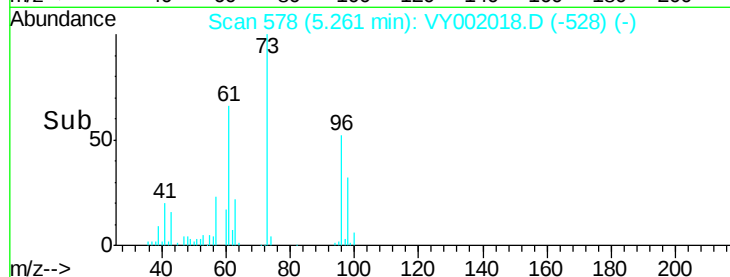
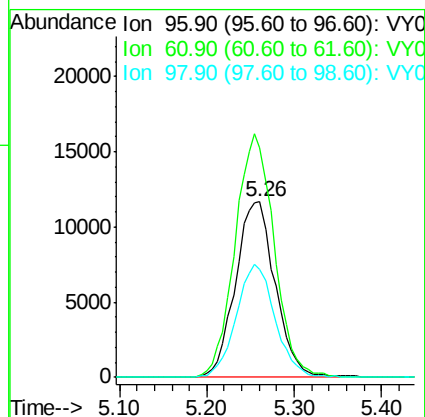
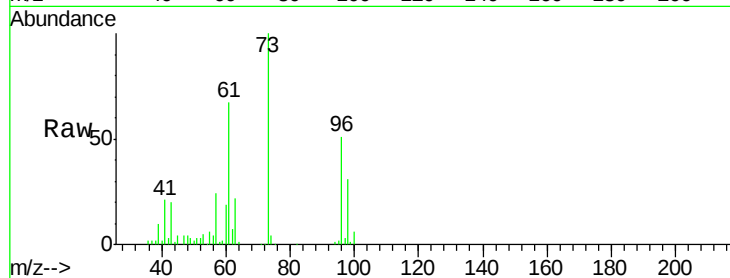
98 61.2 49.3 73.9

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.444 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion: 45 Resp: 122574

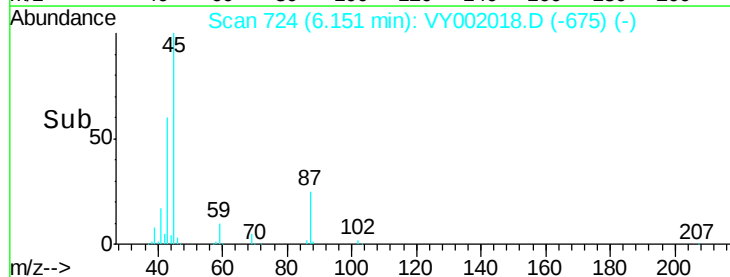
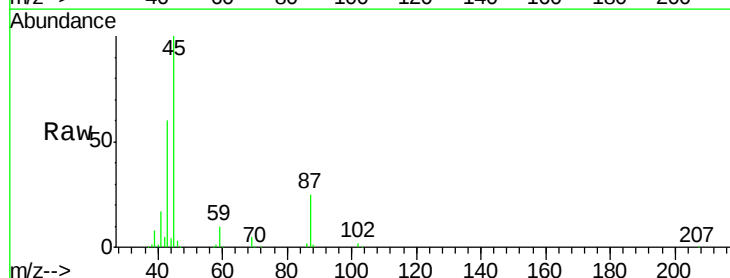
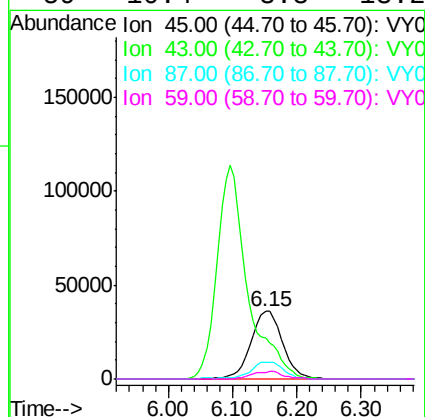
Ion Ratio Lower Upper

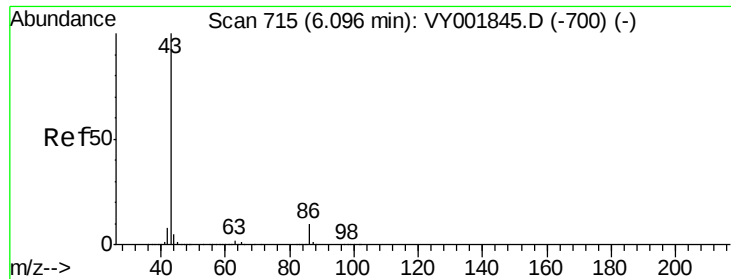
45 100

43 60.2 47.2 70.8

87 25.1 19.8 29.8

59 10.4 8.8 13.2





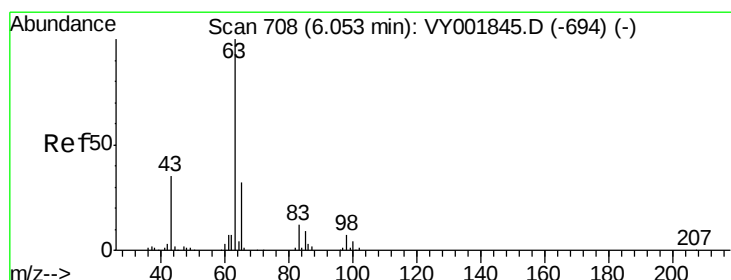
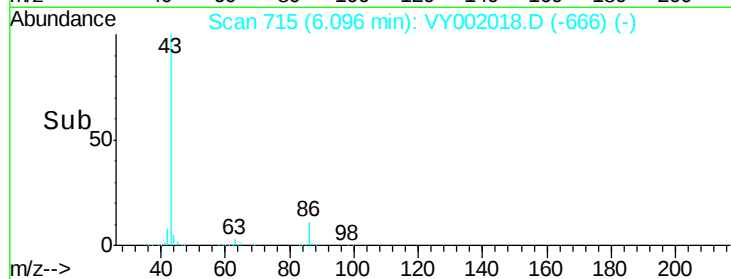
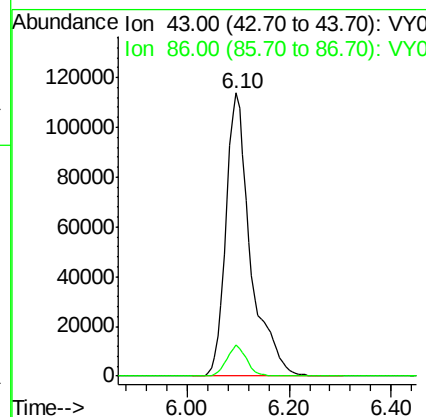
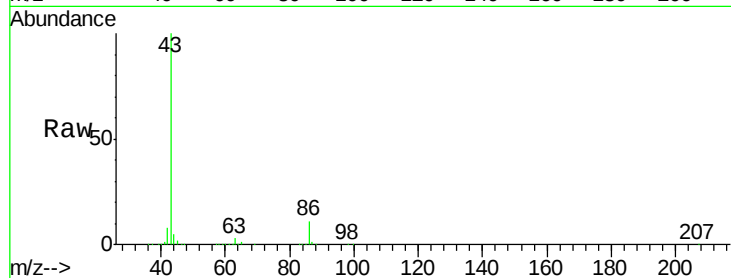
#23
 Vinyl Acetate
 Concen: 91.976 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.2	7.8	11.8

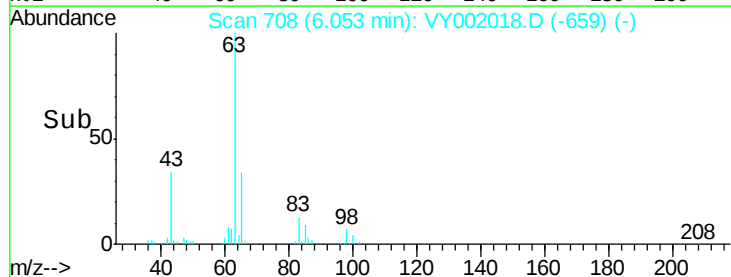
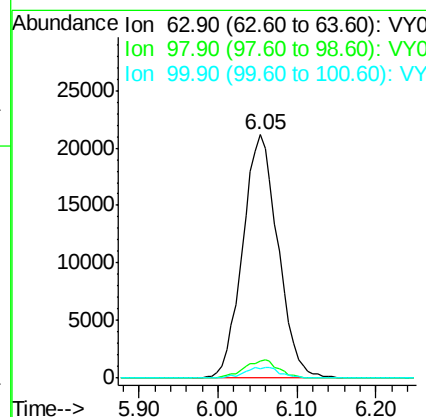
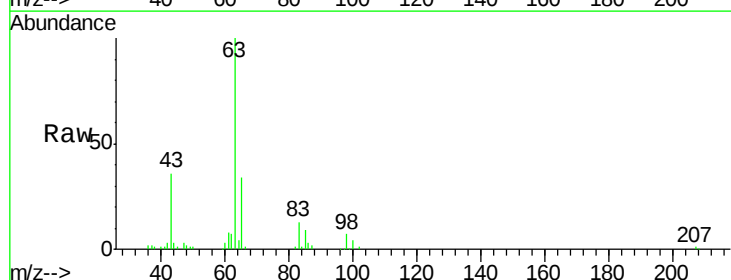
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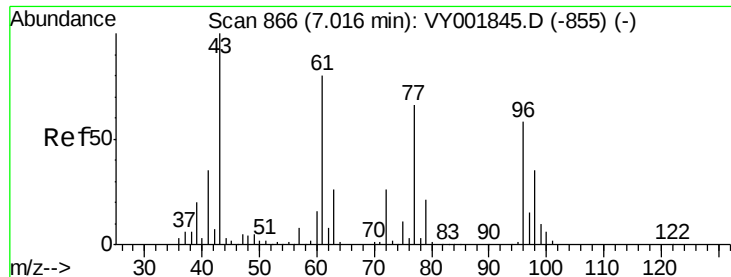
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#24
 1,1-Dichloroethane
 Concen: 19.261 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.2
100	4.1	2.0	6.0





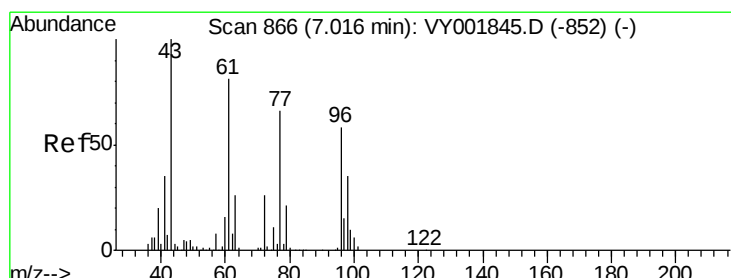
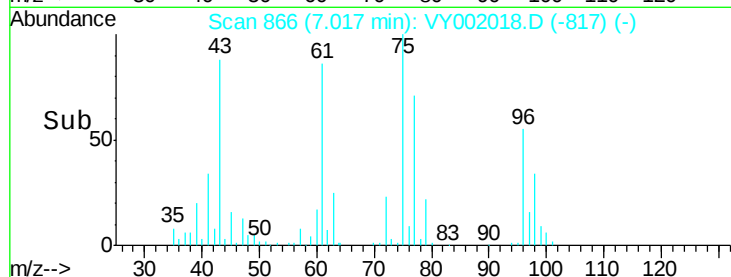
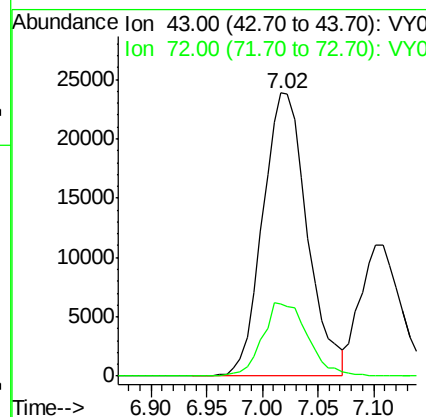
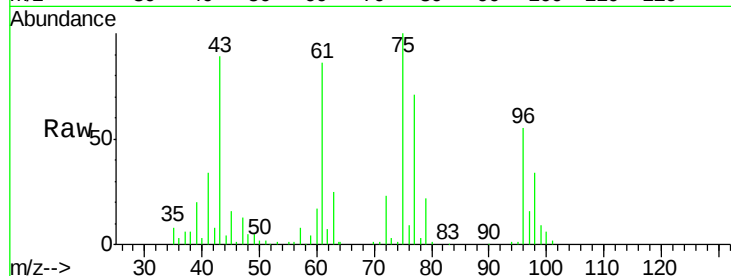
#25
2-Butanone
Concen: 90.076 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 43 Resp: 66457
Ion Ratio Lower Upper
43 100
72 25.7 20.9 31.3

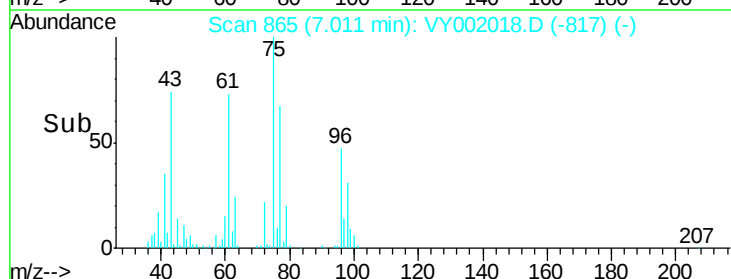
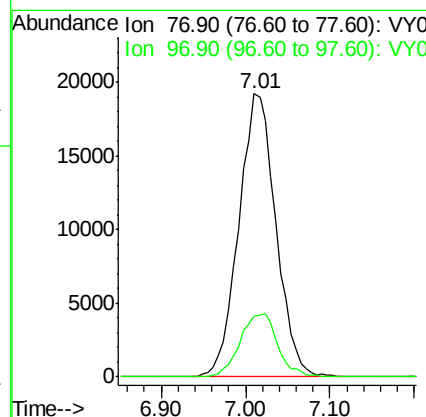
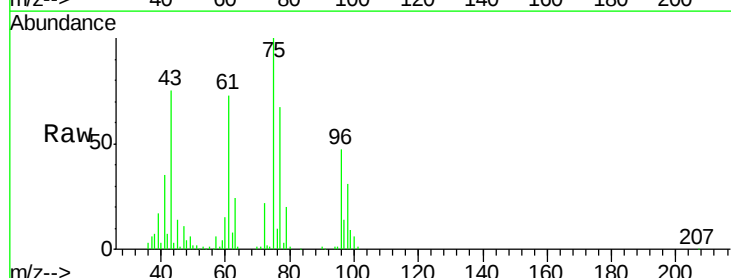
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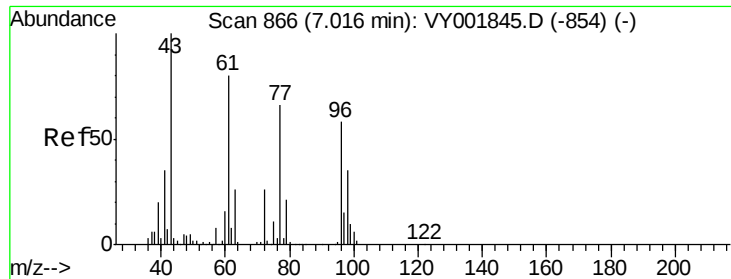
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#26
2,2-Dichloropropane
Concen: 20.406 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 77 Resp: 57178
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 18.910 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

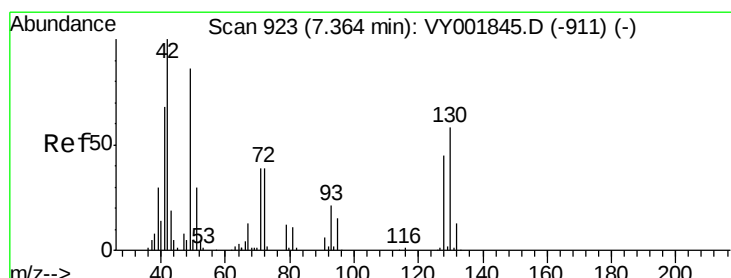
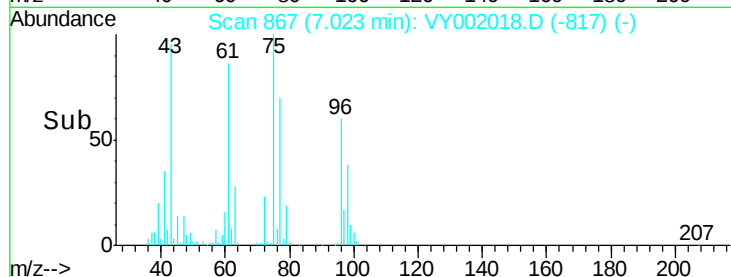
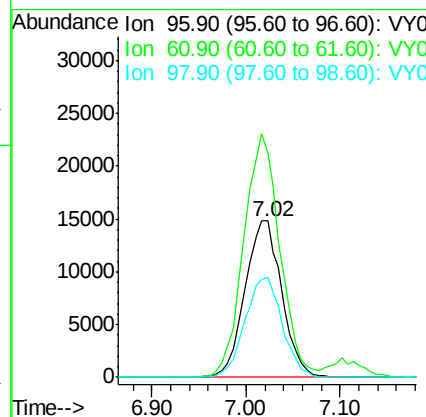
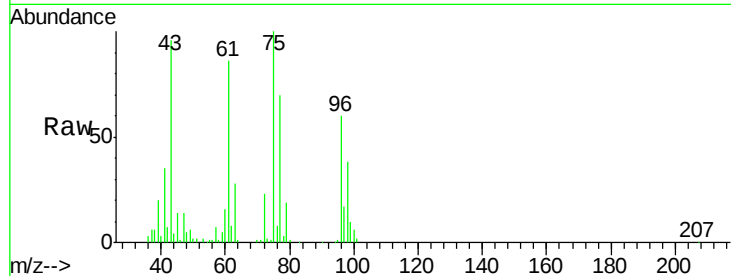
Instrument :
MSVOA_Y

ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.1	0.0	288.2	
98	64.8	0.0	129.0	

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#28

Bromochloromethane

Concen: 20.672 ug/l

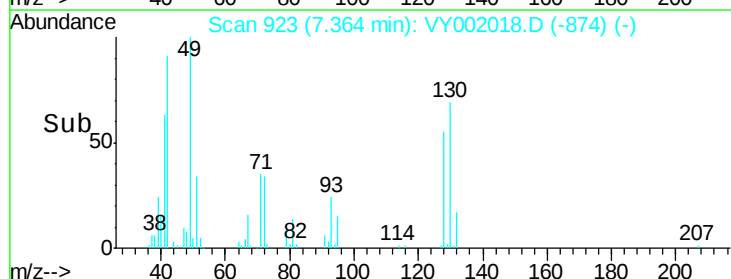
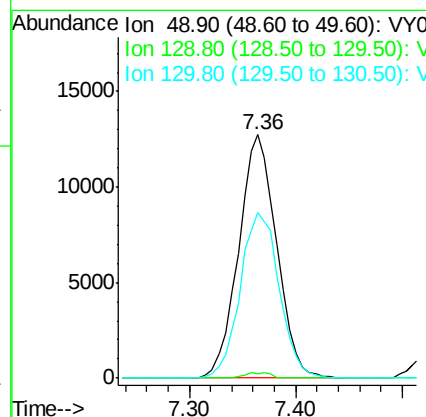
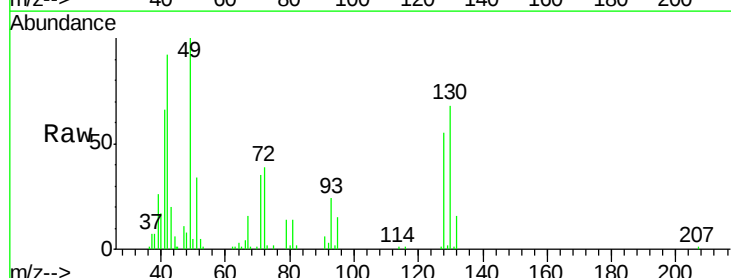
RT: 7.36 min Scan# 923

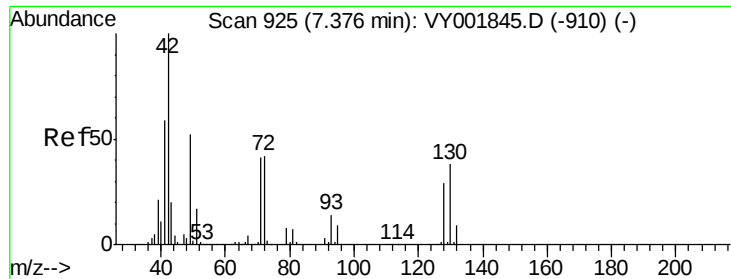
Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	3.8	
130	69.9	54.4	81.6	





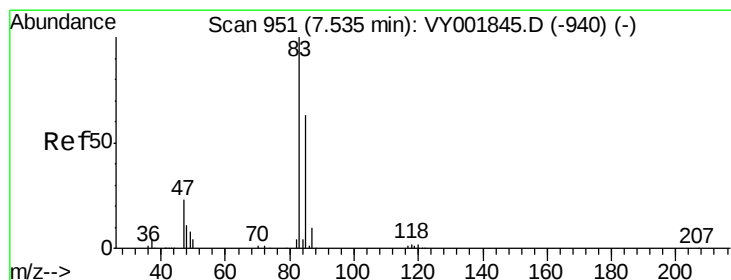
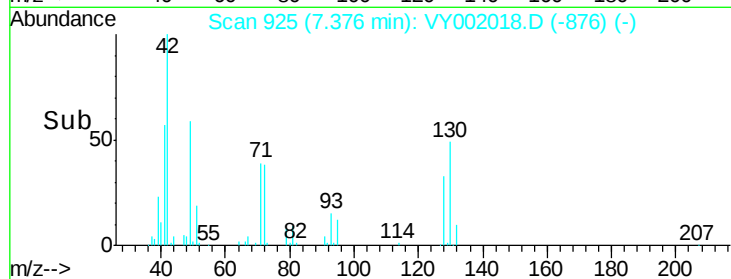
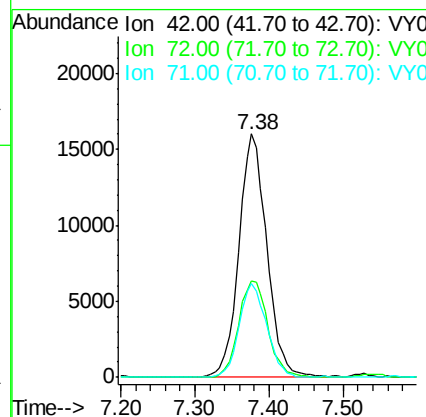
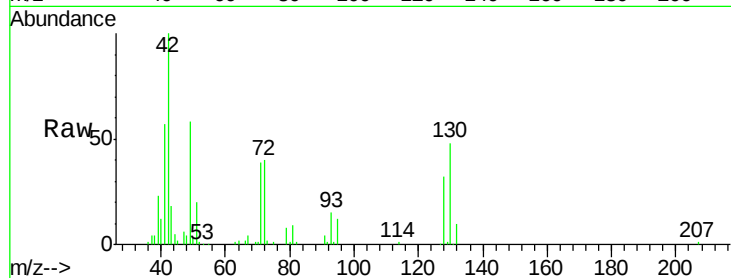
#29
Tetrahydrofuran
Concen: 86.288 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.5	50.3
71	37.6	31.3	46.9

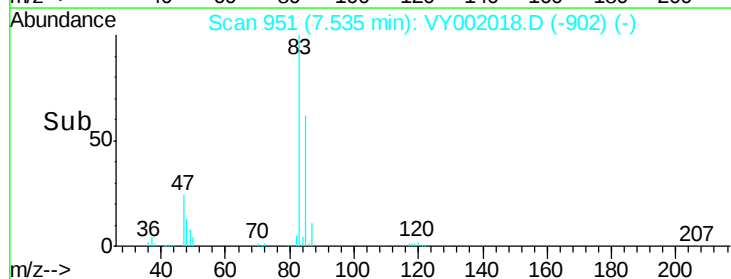
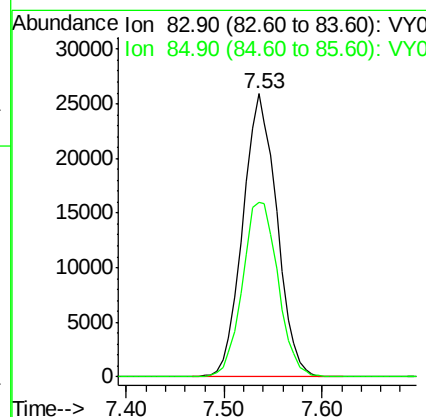
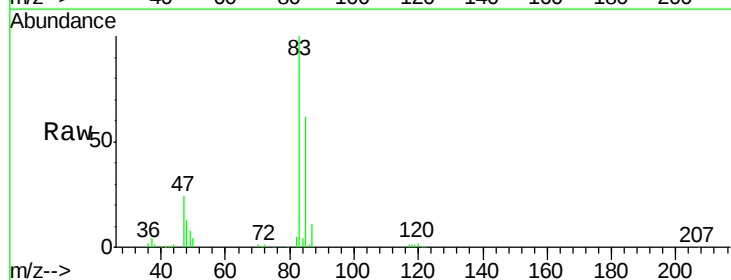
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#30
Chloroform
Concen: 19.520 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.7	76.1





#31

Cyclohexane

Concen: 18.520 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 56 Resp: 67788

Ion Ratio Lower Upper

56 100

69 35.5 26.7 40.1

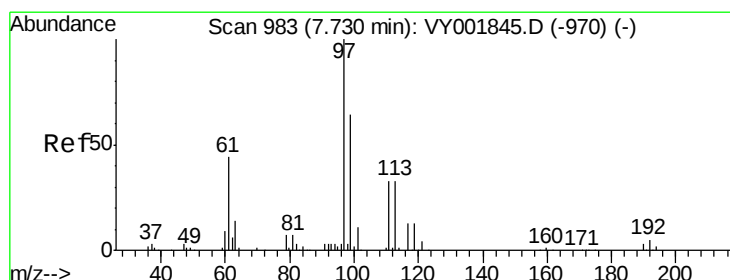
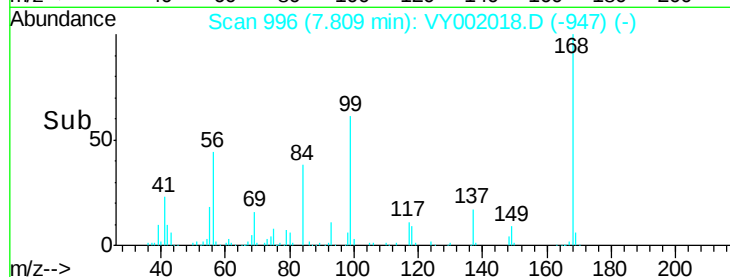
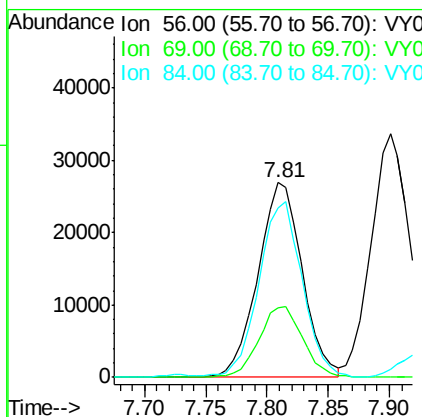
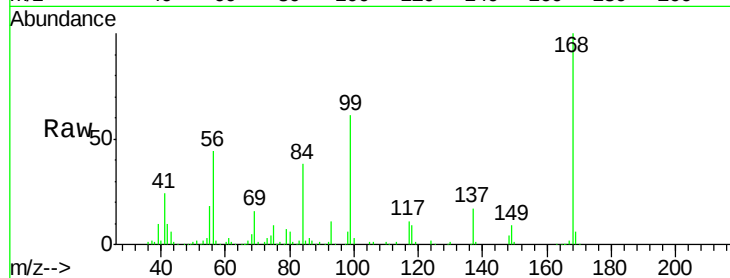
84 85.8 70.4 105.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.481 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

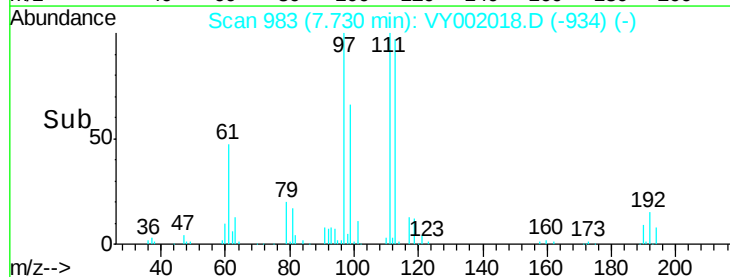
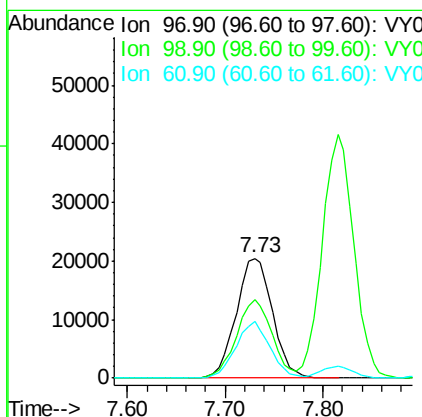
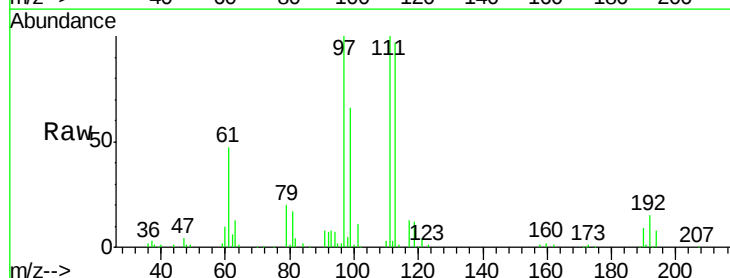
Tgt Ion: 97 Resp: 52664

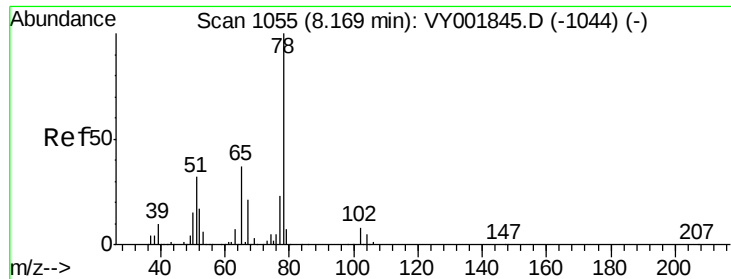
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 44.4 35.0 52.4





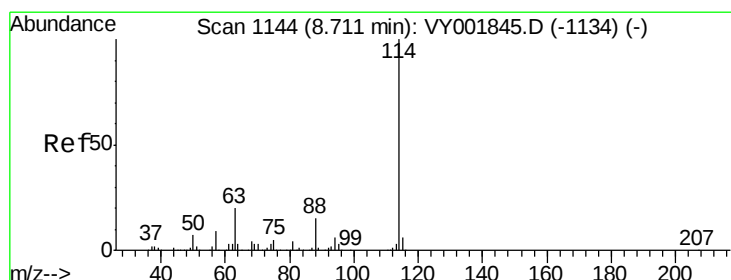
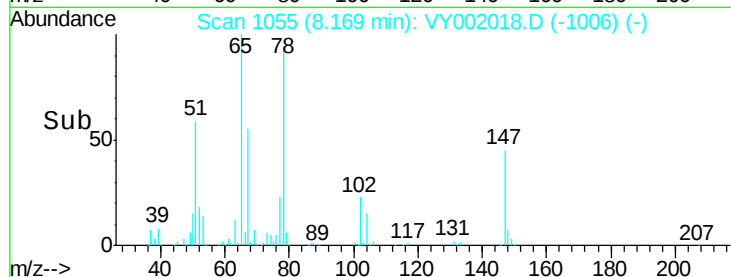
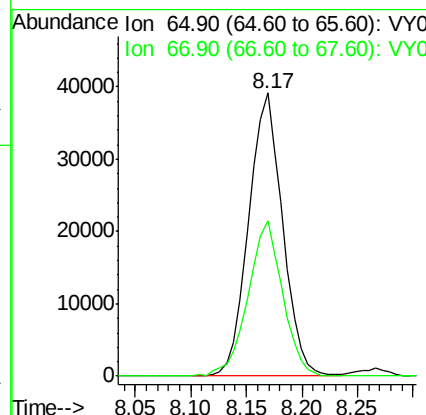
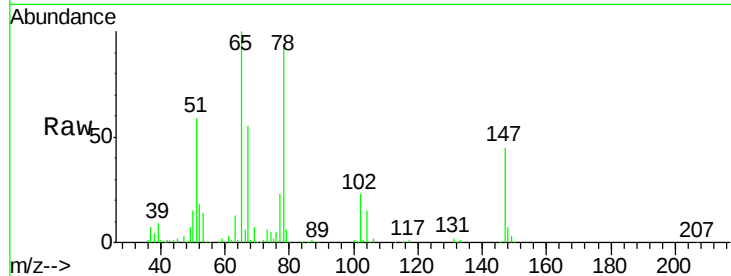
#33
 1,2-Dichloroethane-d4
 Concen: 49.958 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.6	0.0	110.8	

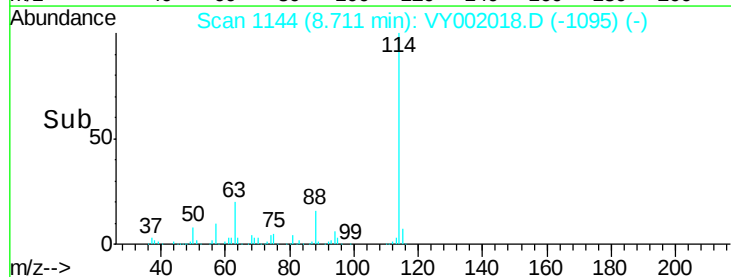
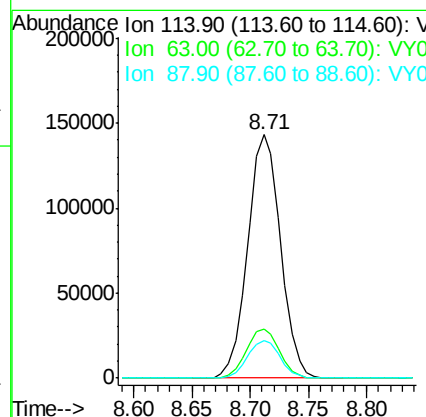
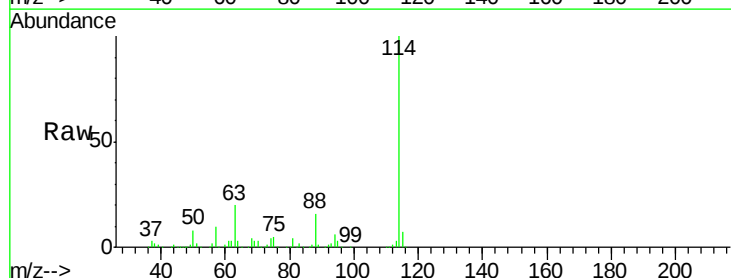
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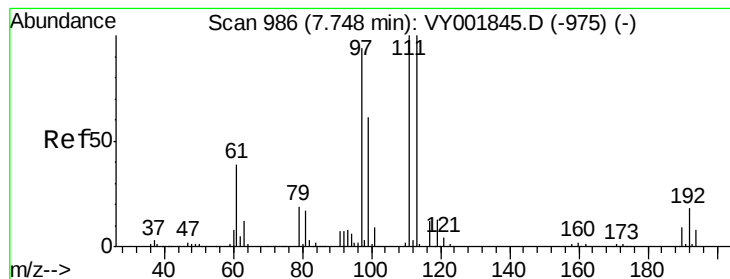
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.3	0.0	39.4	
88	15.6	0.0	30.4	





#35

Dibromofluoromethane

Concen: 51.114 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion:113 Resp: 78628

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

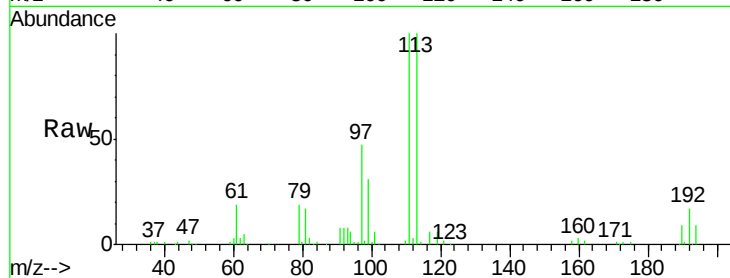
192 17.5 14.2 21.2

Manual Integrations

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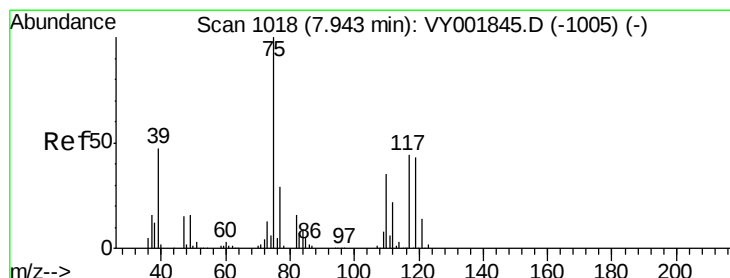
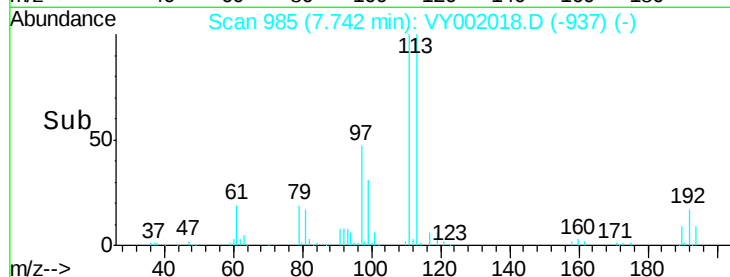
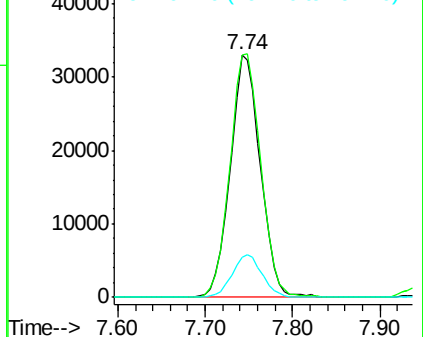
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.078 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

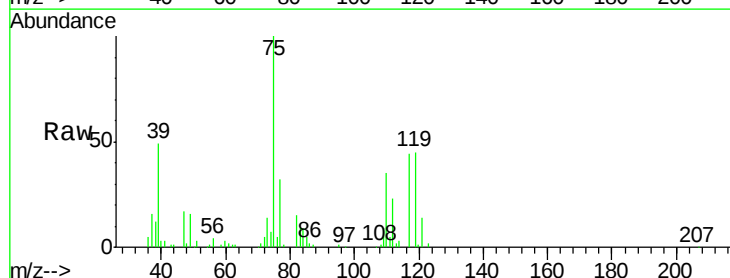
Tgt Ion: 75 Resp: 51720

Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

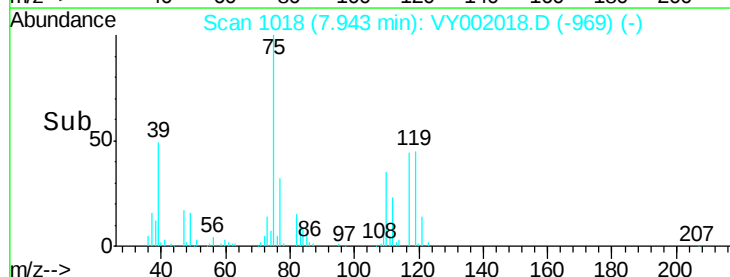
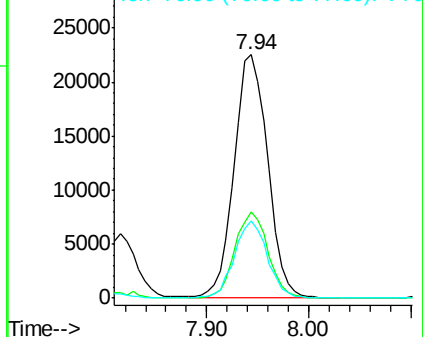
77 30.9 24.2 36.2

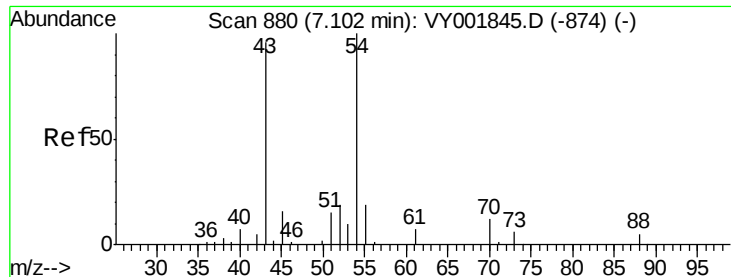


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





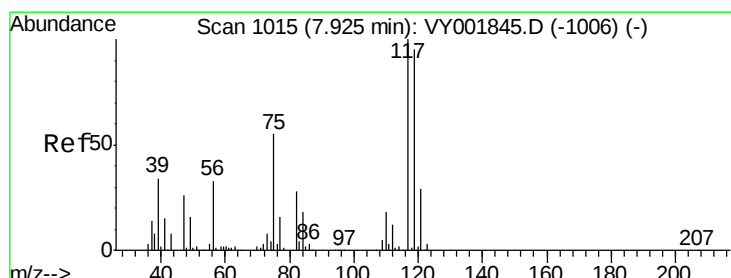
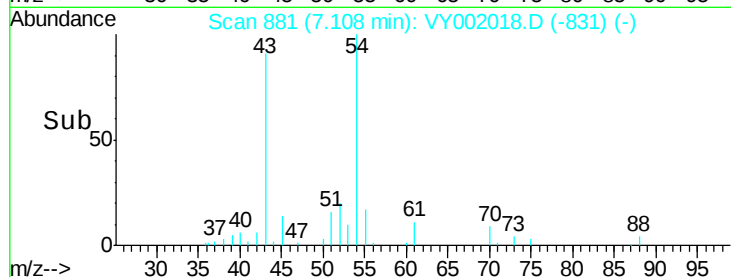
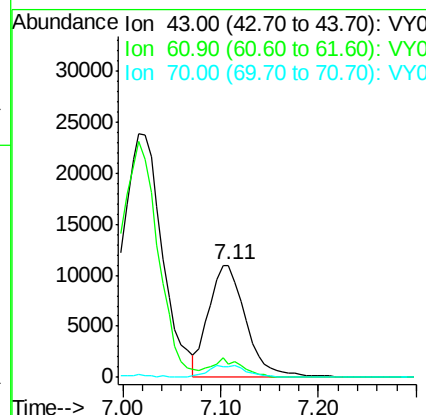
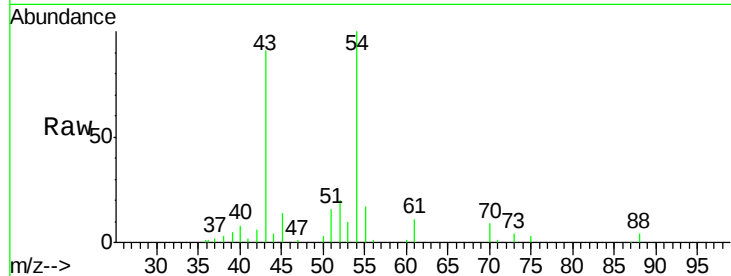
#37
Ethyl Acetate
Concen: 18.333 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	10.7	8.2	12.4

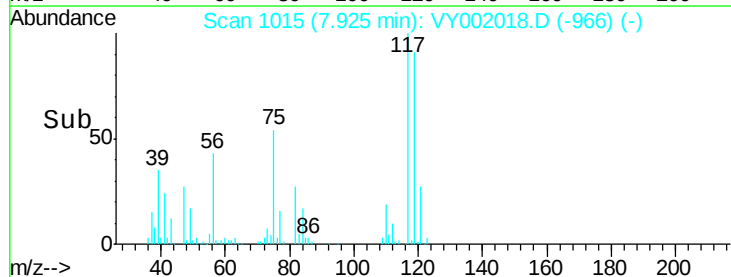
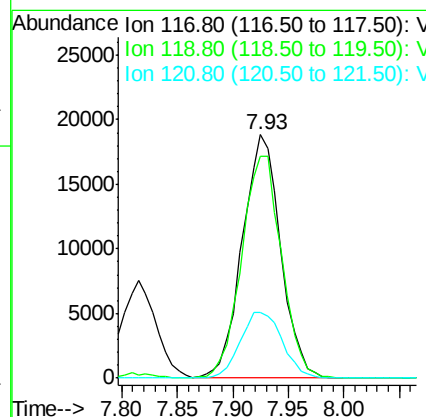
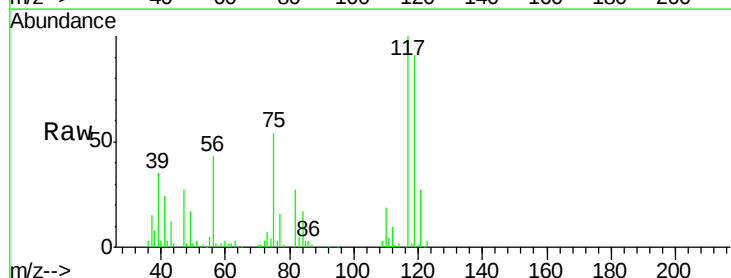
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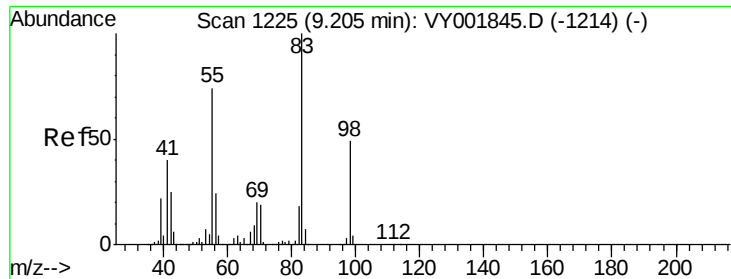
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#38
Carbon Tetrachloride
Concen: 19.419 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.3	114.5
121	27.0	23.5	35.3





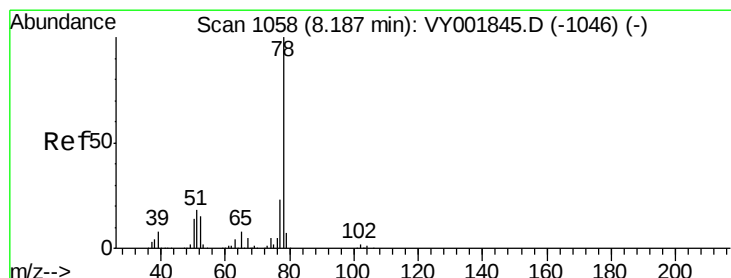
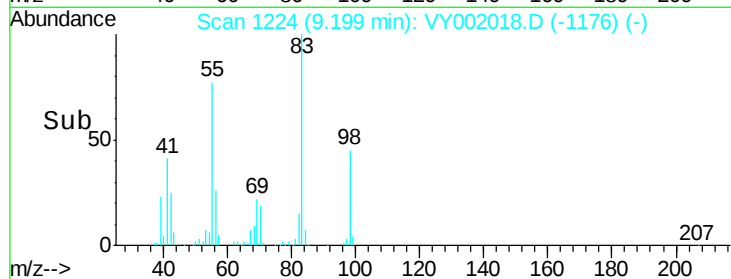
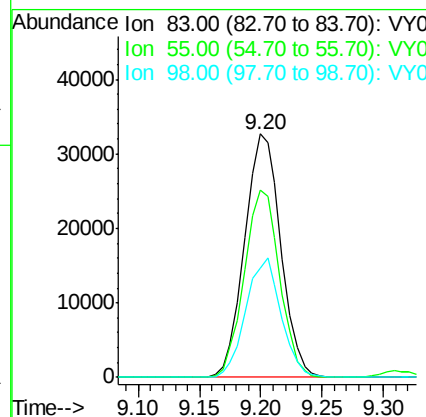
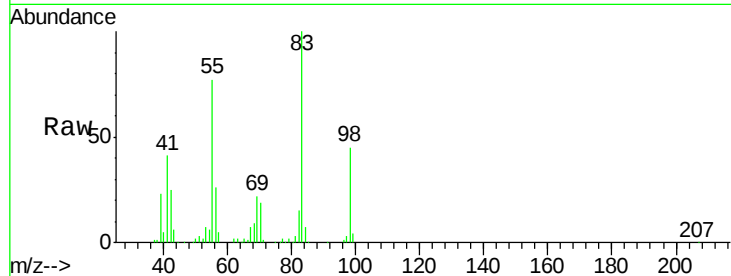
#39
Methvlcvclohexane
Concen: 18.648 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	59.4	89.0
98	45.0	38.9	58.3

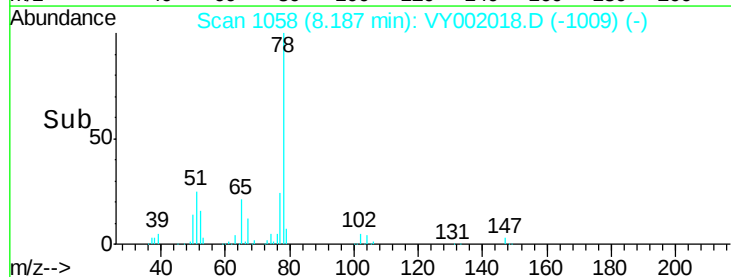
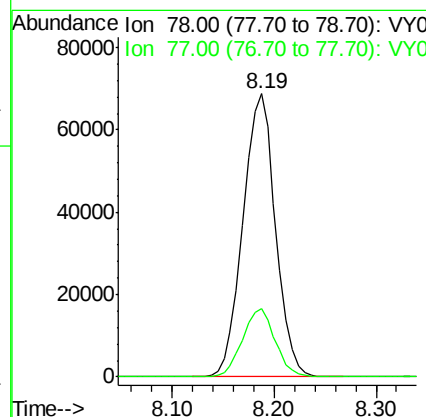
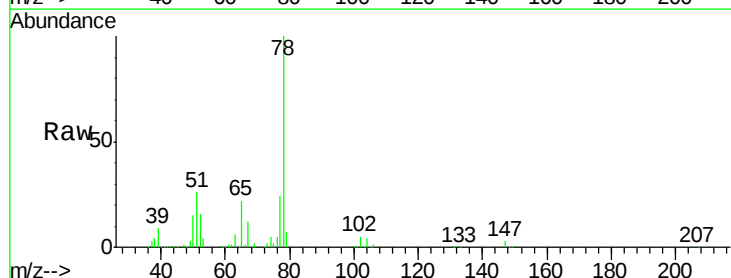
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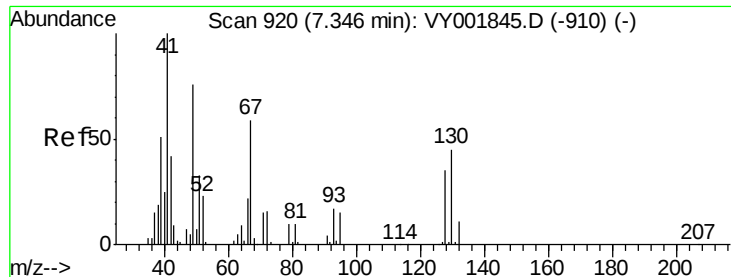
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#40
Benzene
Concen: 18.918 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





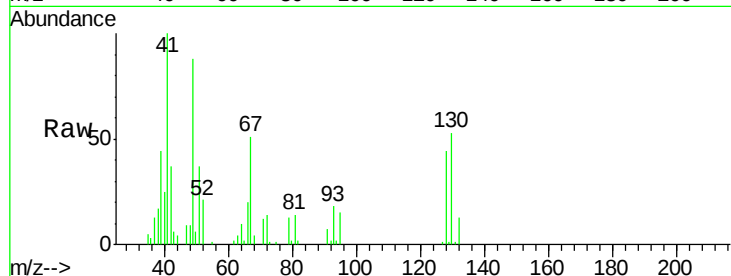
#41
Methacrylonitrile
Concen: 21.416 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

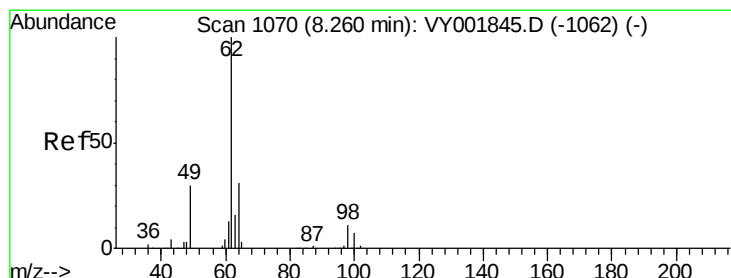
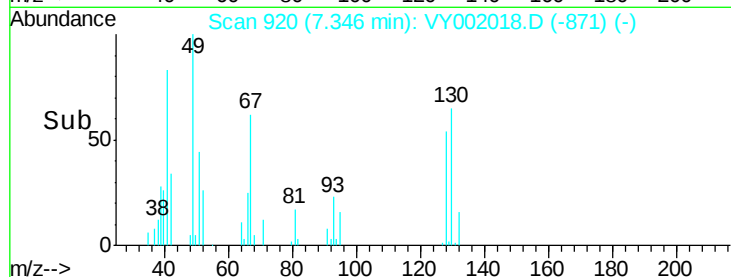
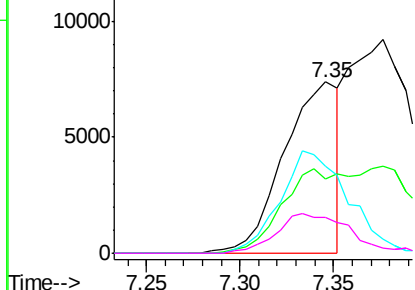
Tot Ion	41	Resp	15186
Ion Ratio	Lower	Upper	
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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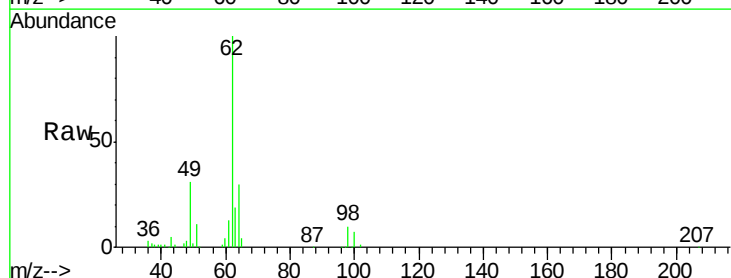


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

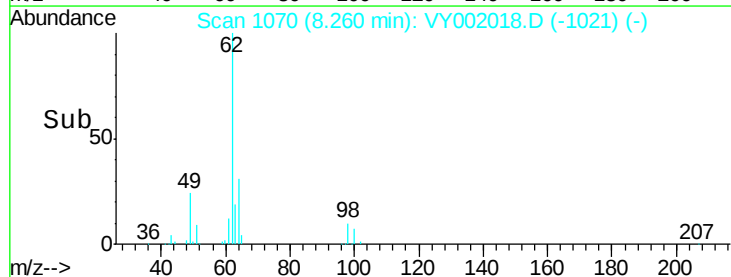
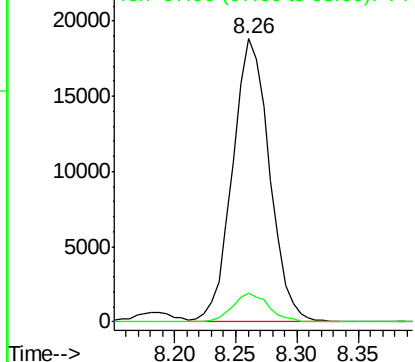


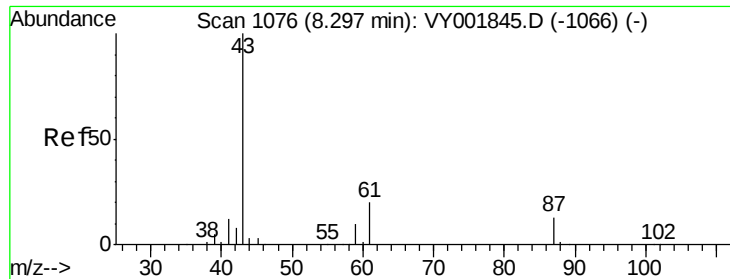
#42
1,2-Dichloroethane
Concen: 19.055 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	62	Resp	39454
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	21.4



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





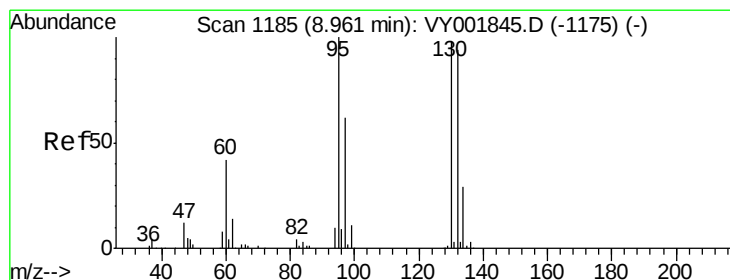
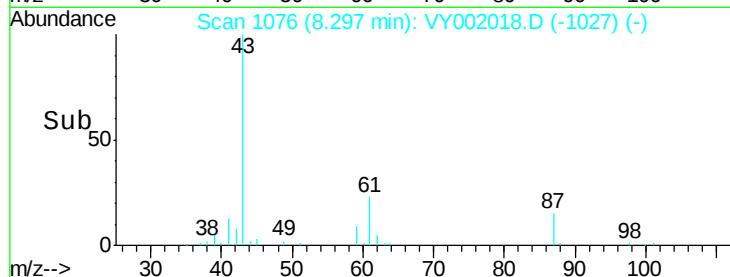
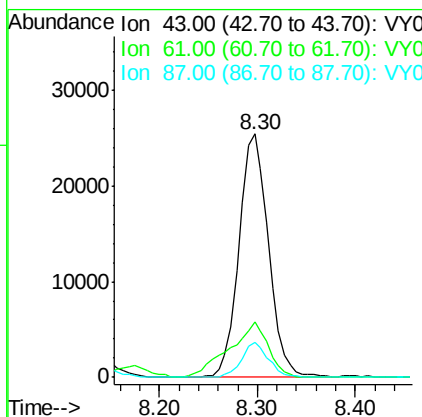
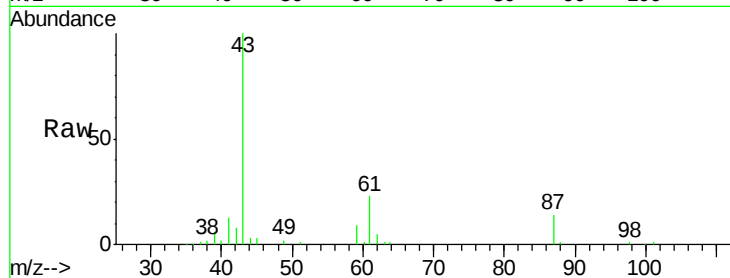
#43
Isopropyl Acetate
Concen: 17.891 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.8	35.6
87	12.9	10.9	16.3

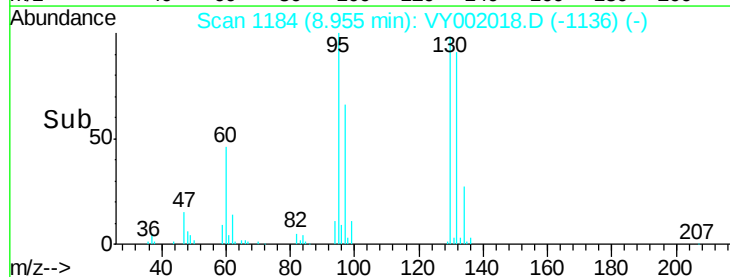
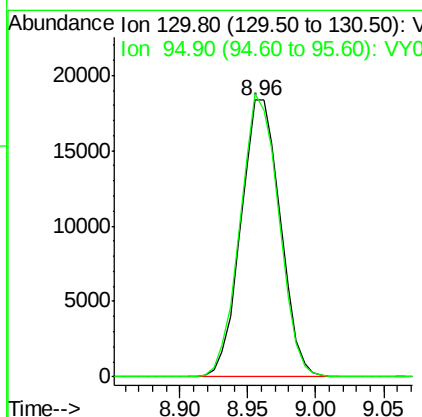
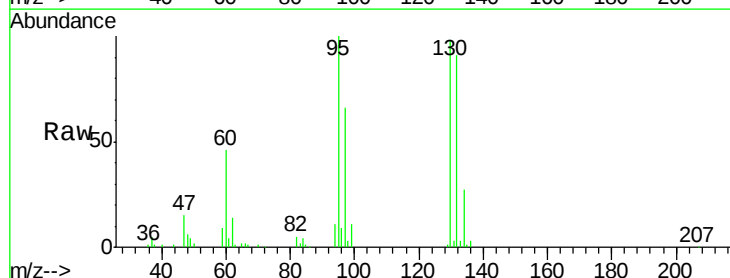
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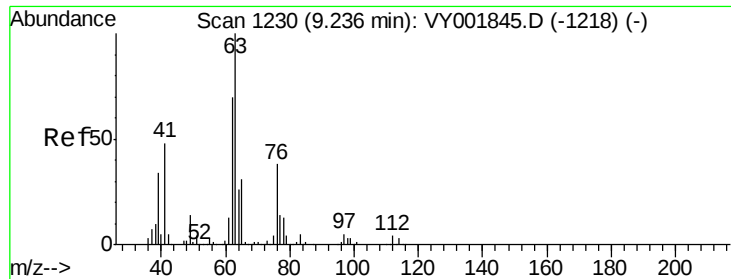
MMDadoda
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#44
Trichloroethene
Concen: 19.087 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	204.6





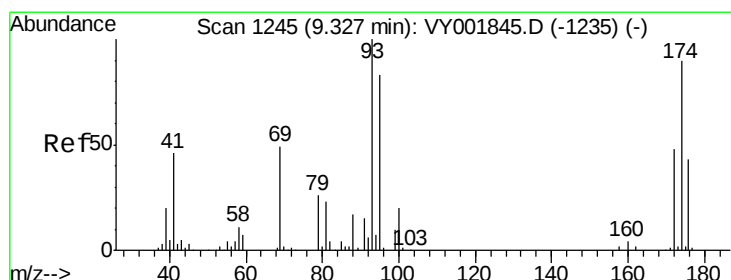
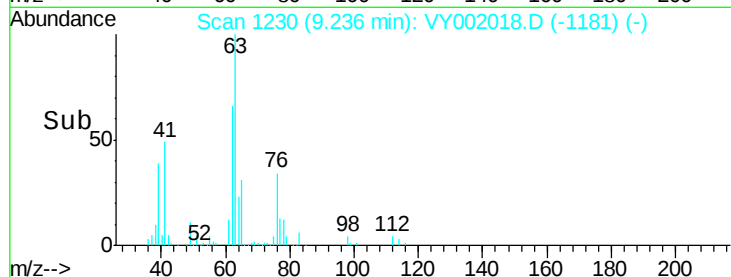
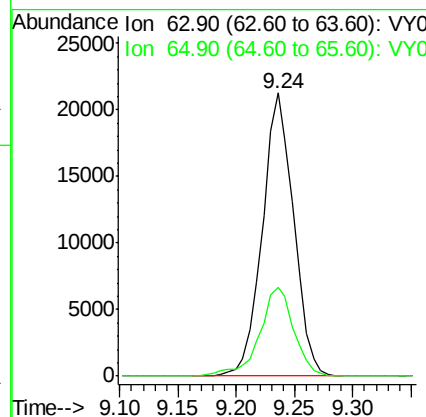
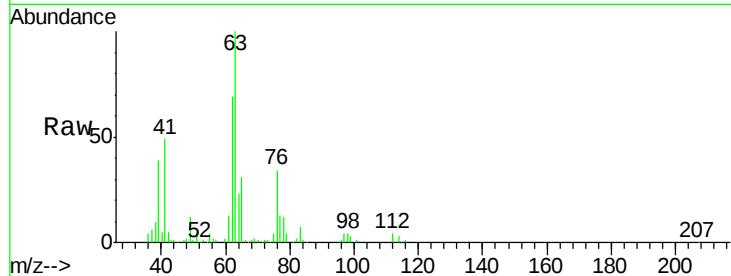
#45
 1,2-Dichloropropane
 Concen: 19.557 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.9	37.3

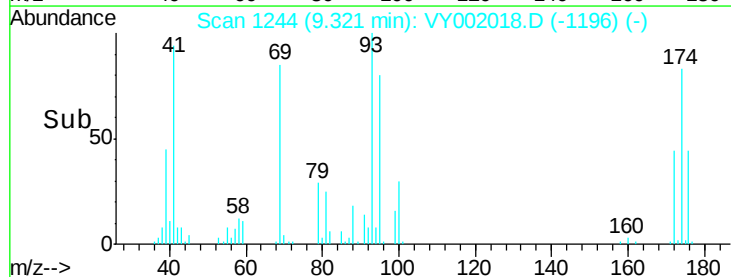
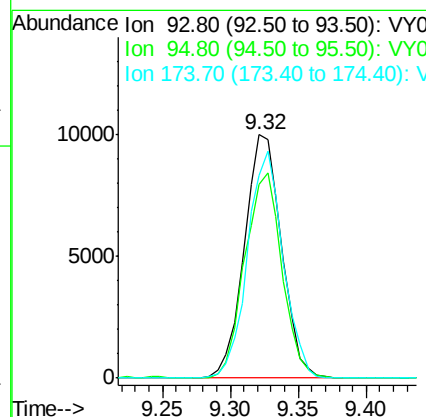
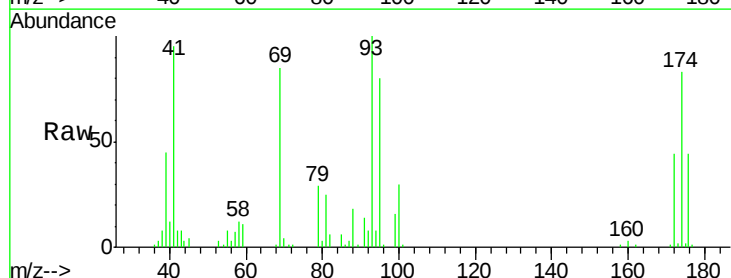
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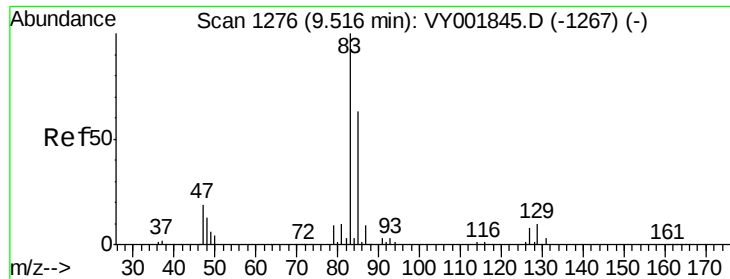
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#46
 Dibromomethane
 Concen: 18.338 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.0	100.4
174	89.2	71.8	107.8





#47

Bromodichloromethane

Concen: 19.223 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

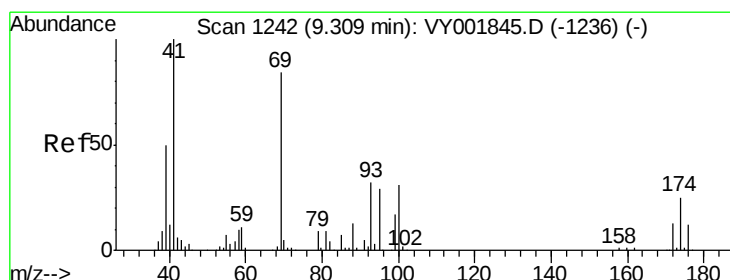
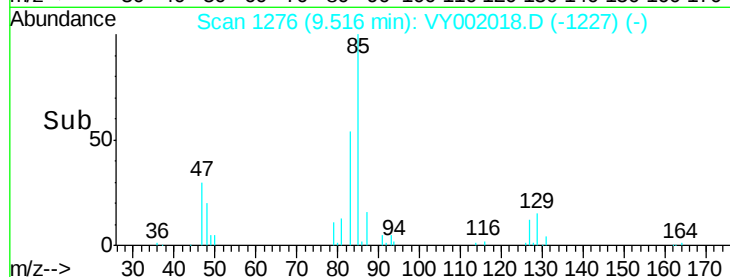
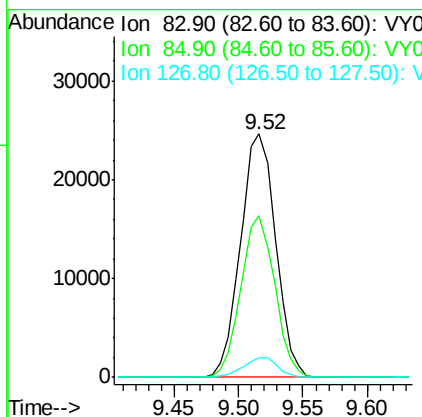
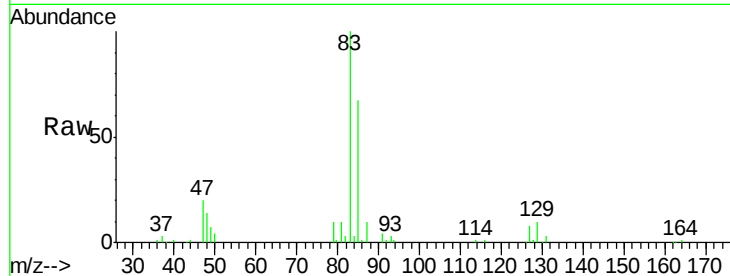
ClientSampleId :

VY0319SBS01

Tot Ion:	83	Resp:	46546
Ion Ratio	Lower	Upper	
83	100		
85	66.6	50.6	76.0
127	8.0	6.2	9.4

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#48

Methyl methacrylate

Concen: 17.569 ug/l

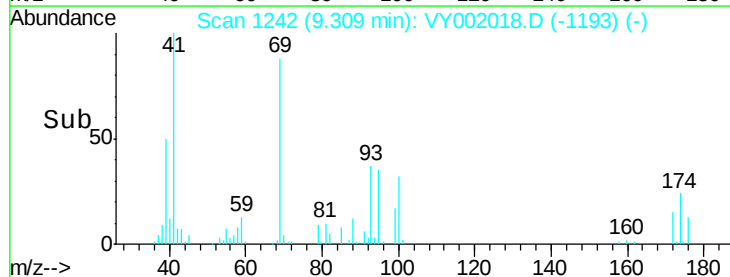
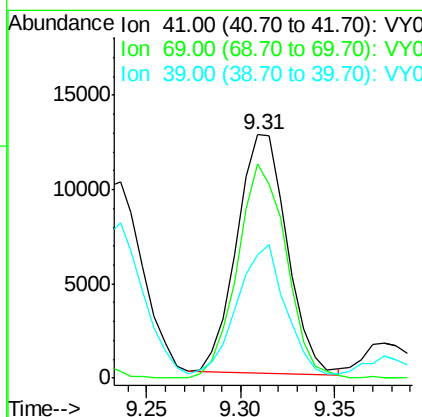
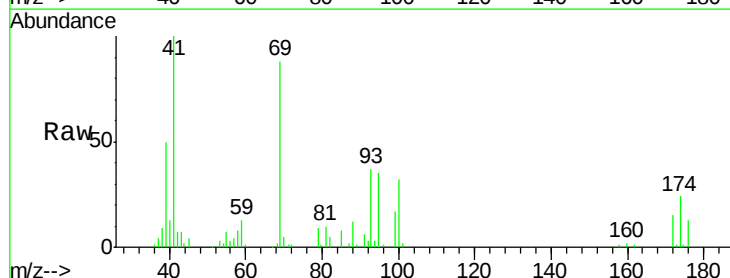
RT: 9.31 min Scan# 1242

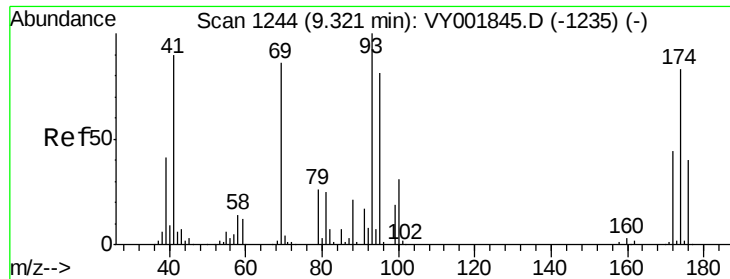
Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion:	41	Resp:	23255
Ion Ratio	Lower	Upper	
41	100		
69	87.6	69.0	103.6
39	55.7	39.1	58.7





#49

1,4-Dioxane

Concen: 335.832 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

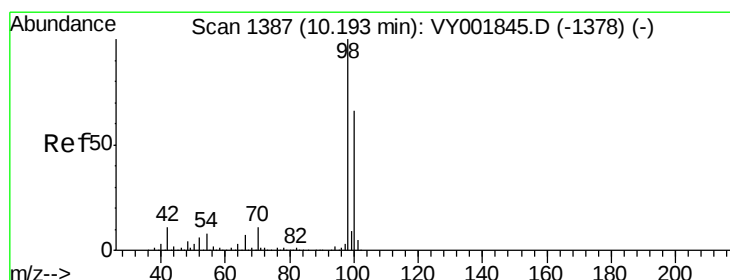
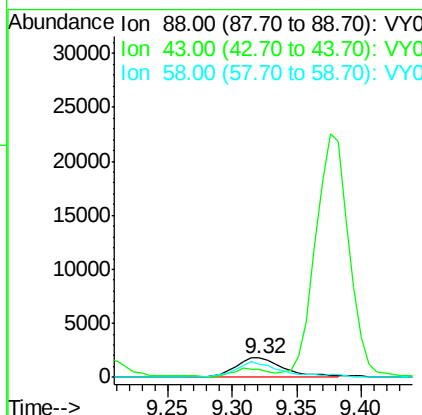
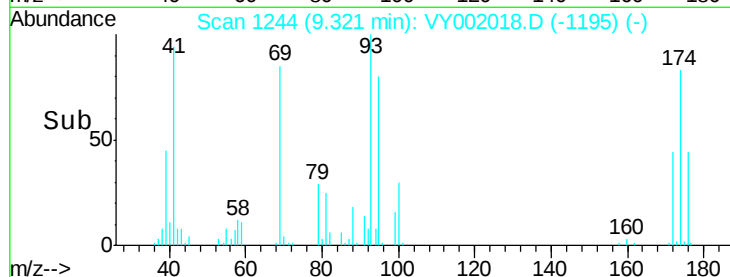
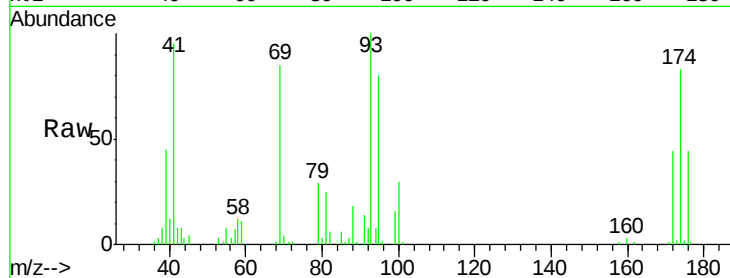
ClientSampleId :

VY0319SBS01

Tot Ion:	88	Resp:	4790
Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.0	37.6
58	69.2	58.9	88.3

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#50

Toluene-d8

Concen: 49.893 ug/l

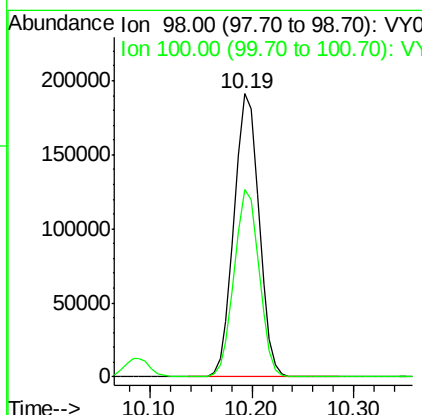
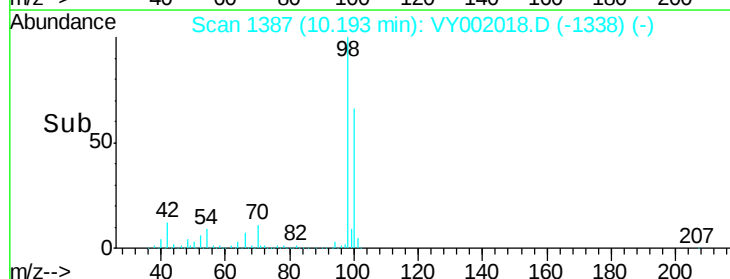
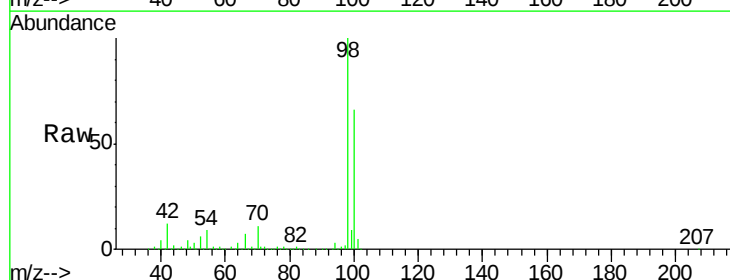
RT: 10.19 min Scan# 1387

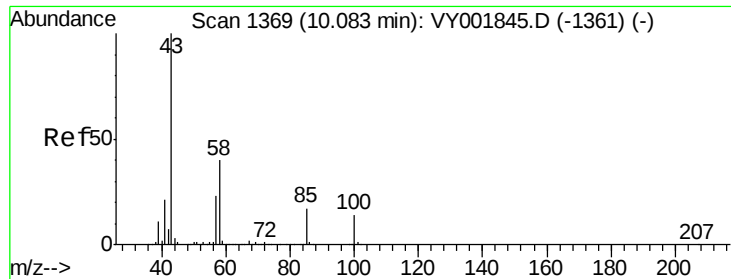
Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion:	98	Resp:	323643
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4





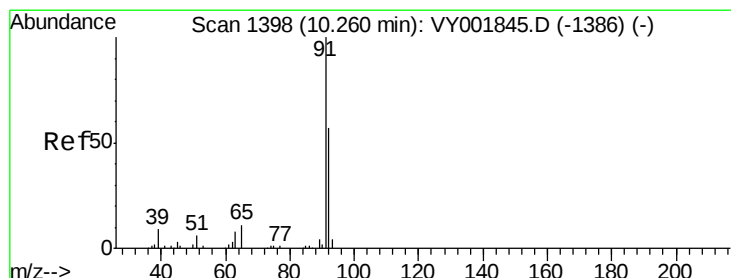
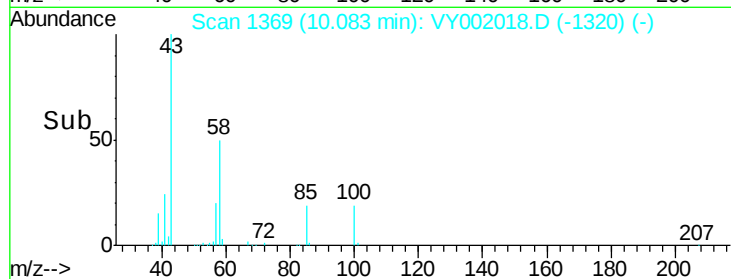
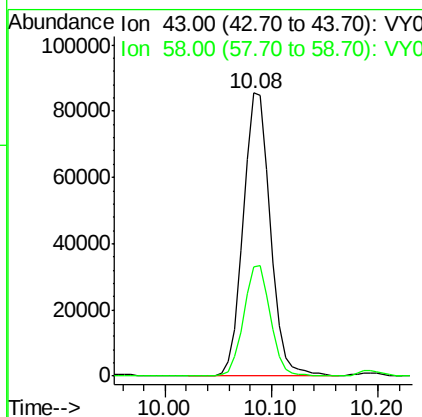
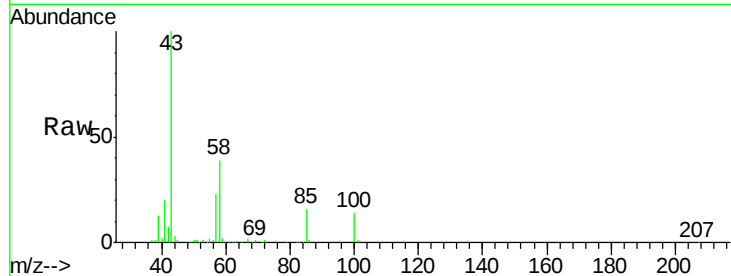
#51
4-Methyl-2-Pentanone
Concen: 99.914 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	32.0	48.0

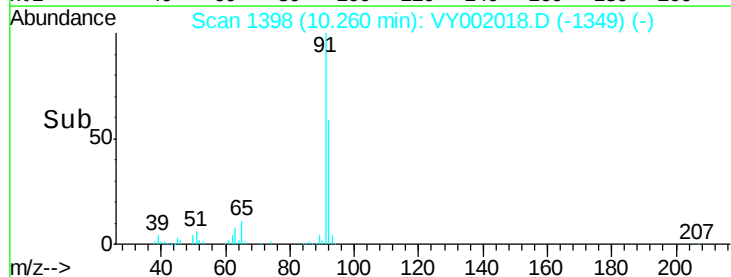
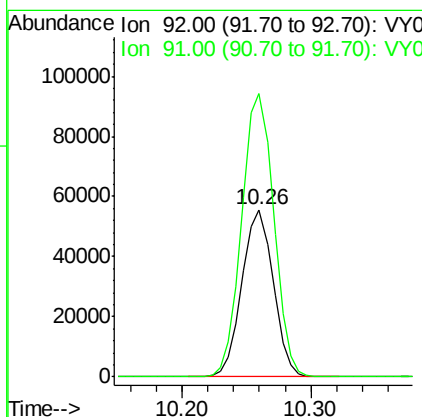
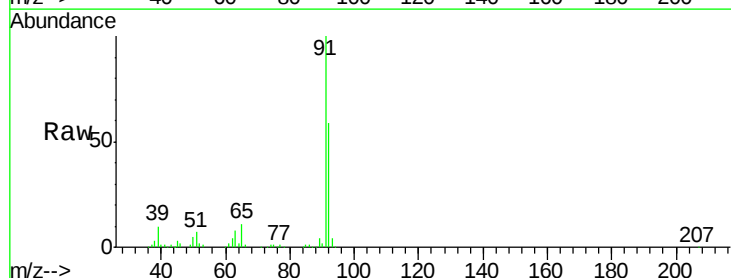
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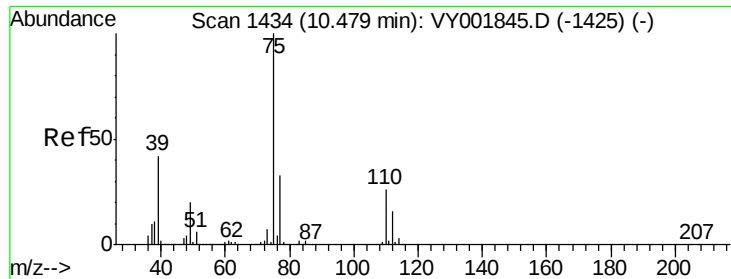
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#52
Toluene
Concen: 19.151 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.8	138.6	208.0





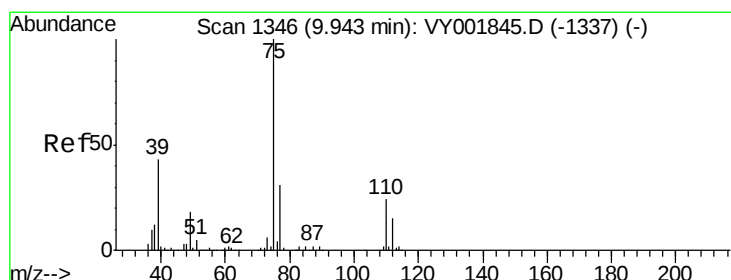
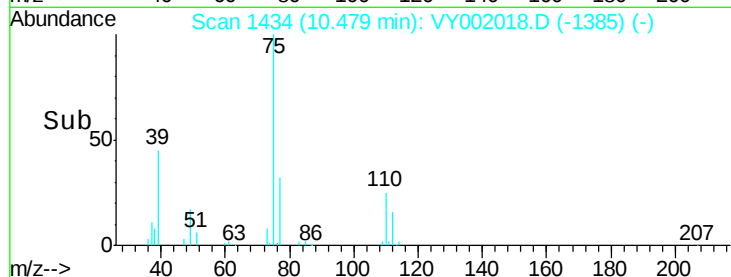
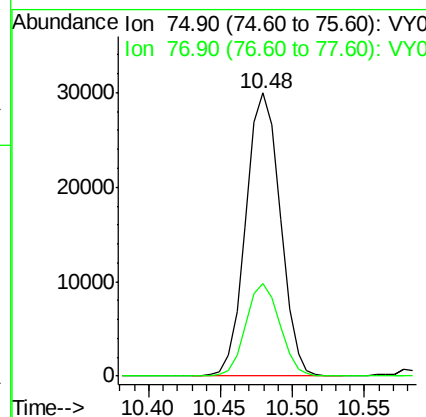
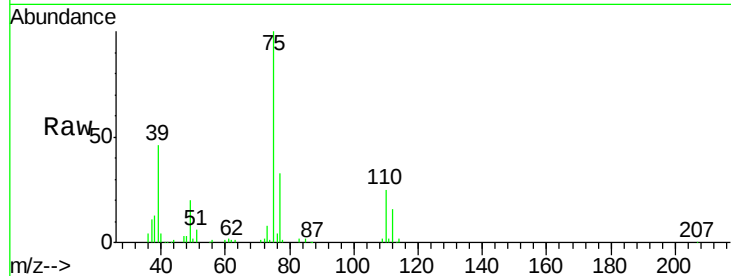
#53
t-1,3-Dichloropropene
Concen: 18.825 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 75 Resp: 49662
Ion Ratio Lower Upper
75 100
77 32.7 26.3 39.5

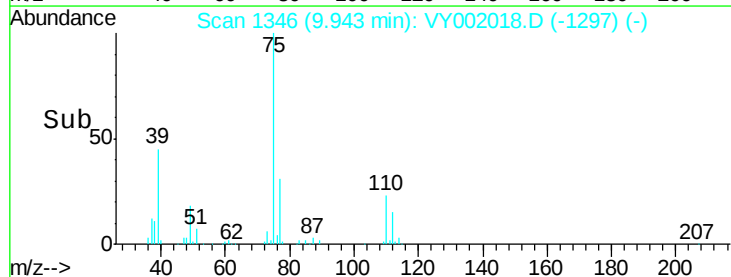
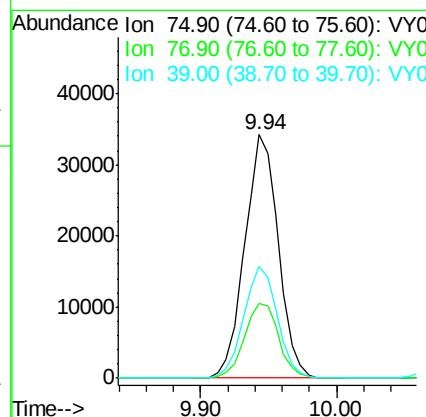
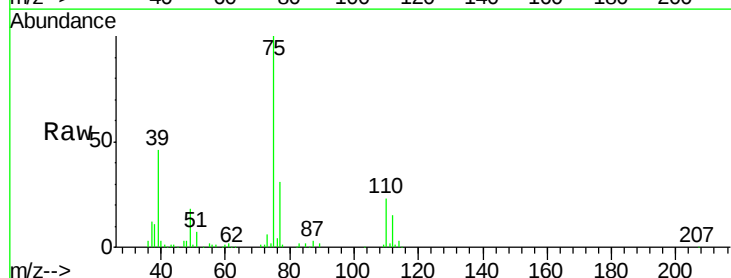
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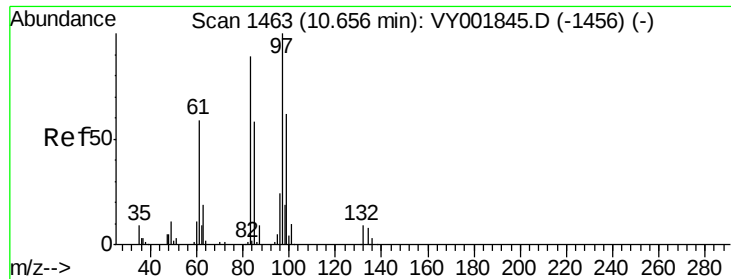
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#54
cis-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 75 Resp: 58980
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7
39 46.2 34.7 52.1





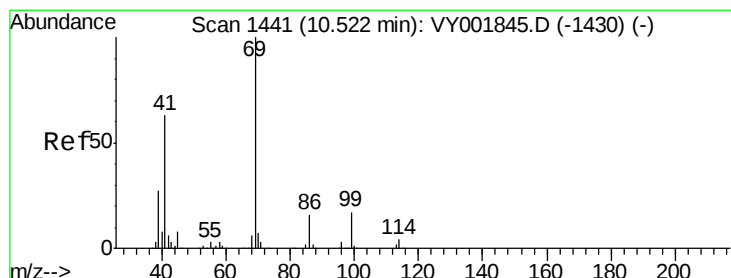
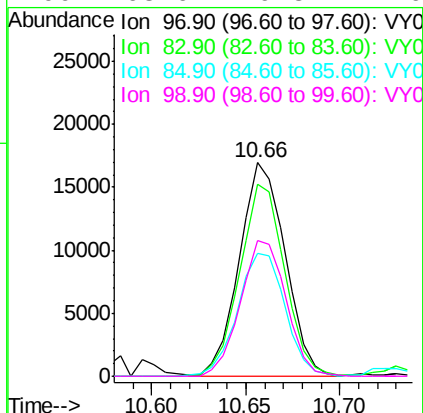
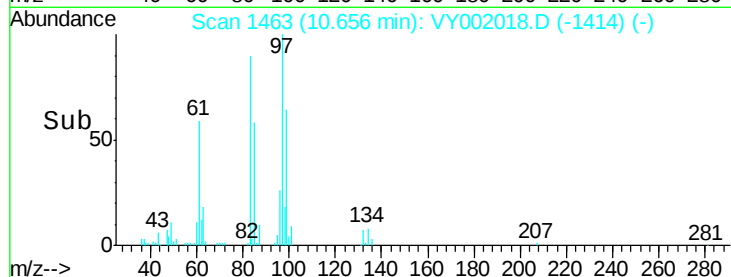
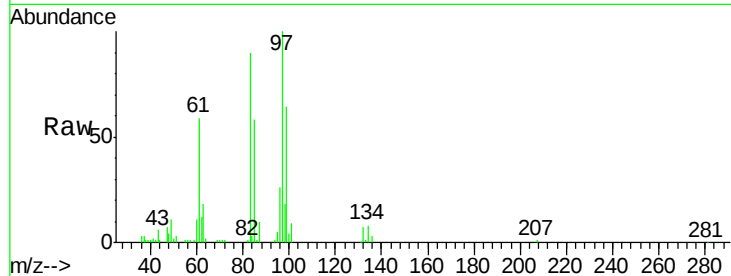
#55
 1,1,2-Trichloroethane
 Concen: 18.777 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion:	97	Resp:	28604
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.6	107.4
85	57.6	46.6	69.8
99	63.6	49.8	74.6

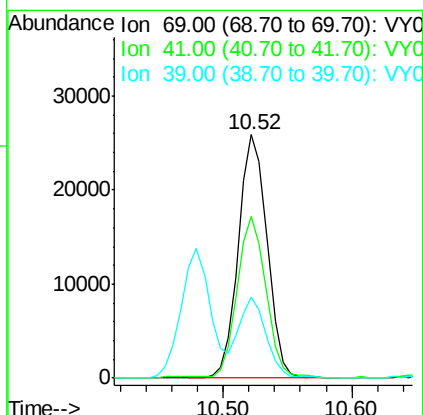
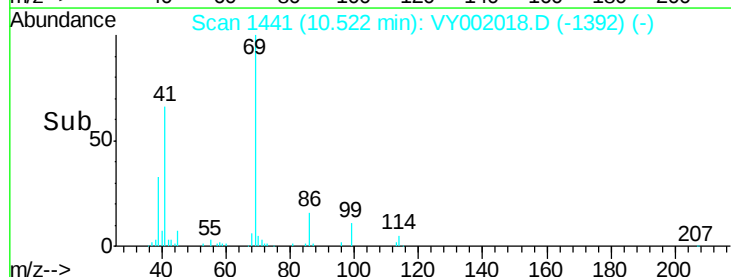
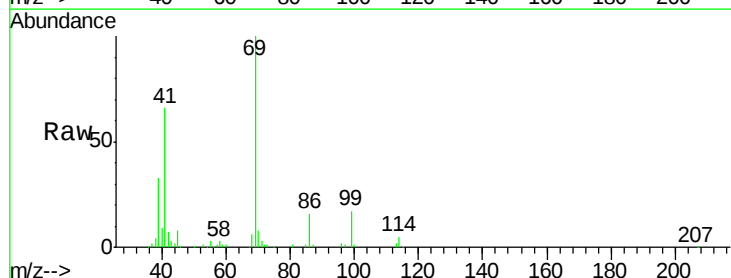
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#56
 Ethyl methacrylate
 Concen: 17.922 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion:	69	Resp:	40017
Ion	Ratio	Lower	Upper
69	100		
41	66.9	49.9	74.9
39	31.6	23.0	34.6





#57

1,3-Dichloropropane

Concen: 18.734 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 76 Resp: 50871

Ion Ratio Lower Upper

76 100

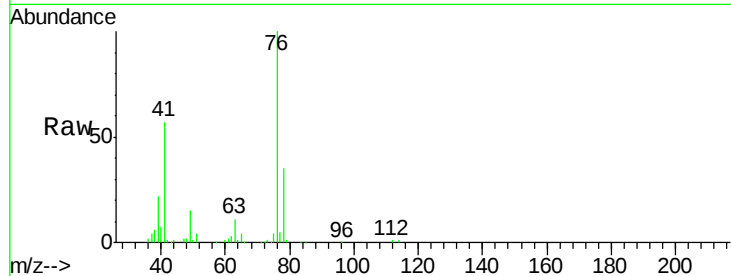
78 32.4 25.8 38.6

Manual Integrations

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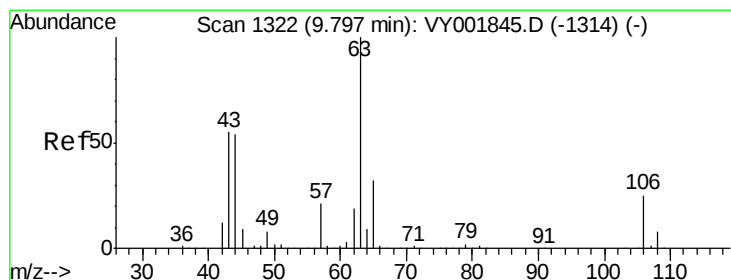
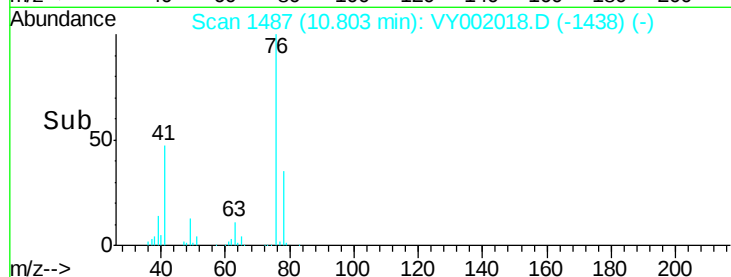
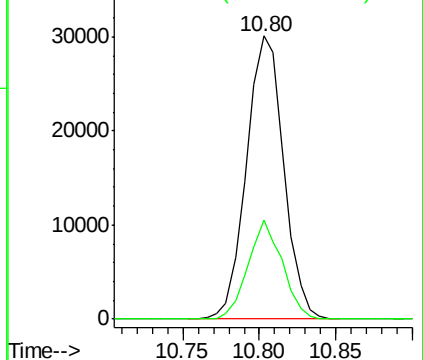
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 122.994 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002018.D

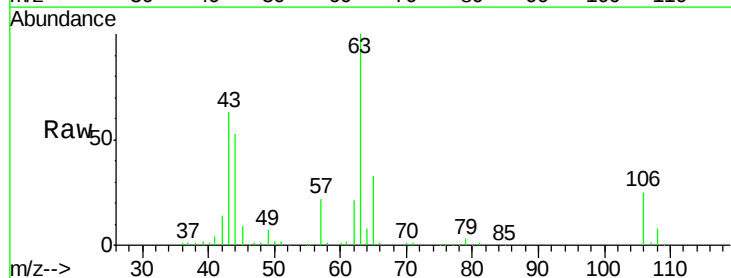
Acq: 19 Mar 2020 13:58

Tgt Ion: 63 Resp: 108752

Ion Ratio Lower Upper

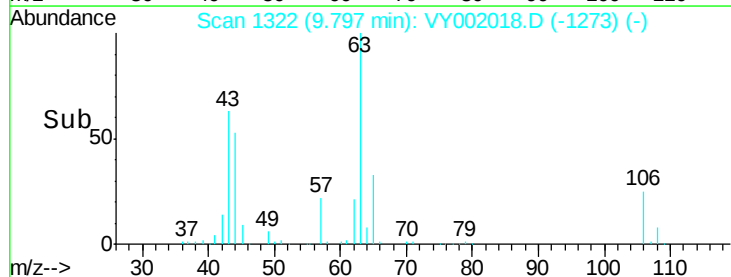
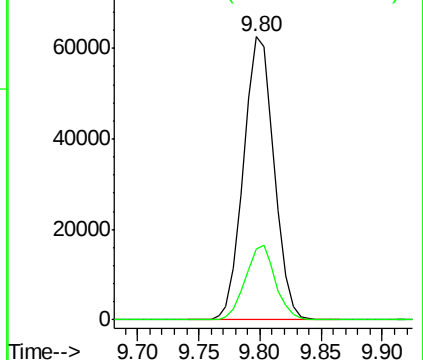
63 100

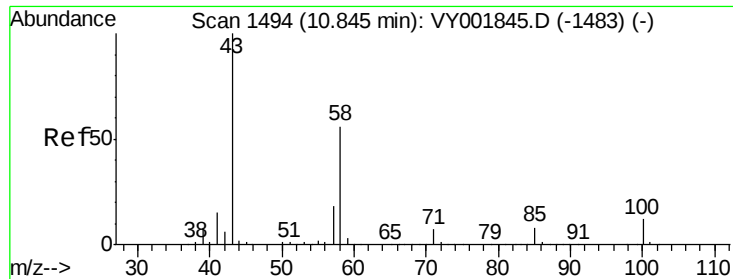
106 25.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





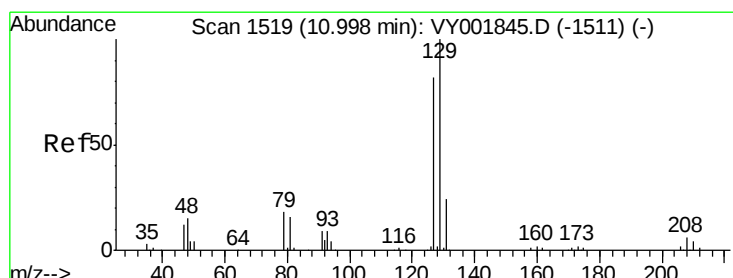
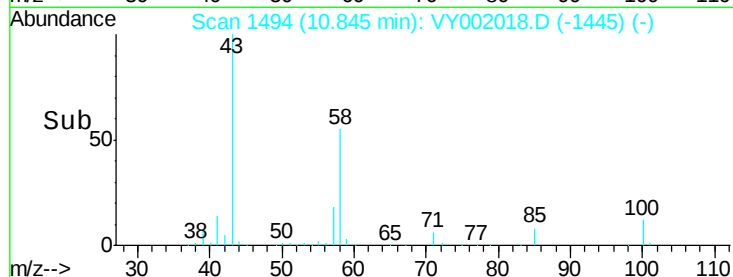
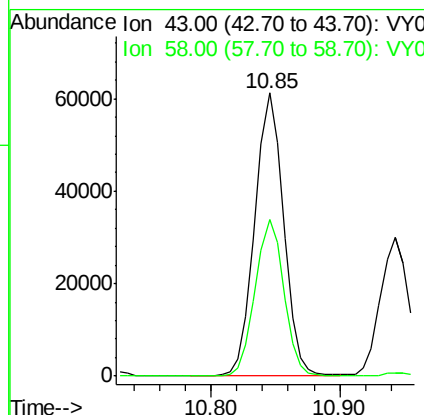
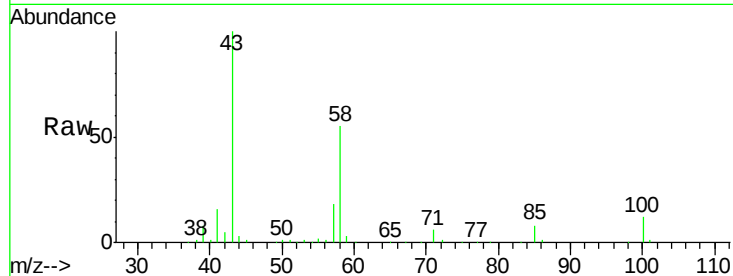
#59
2-Hexanone
Concen: 86.303 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 43 Resp: 94646
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.3

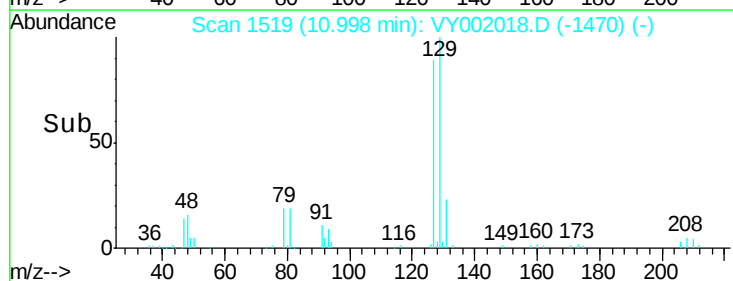
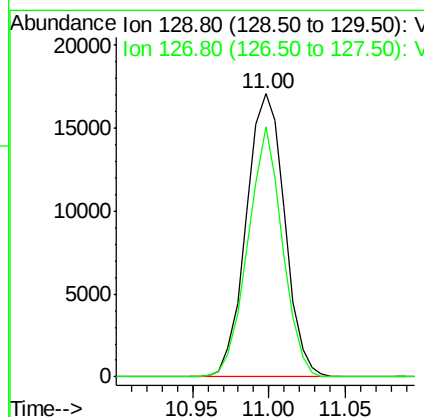
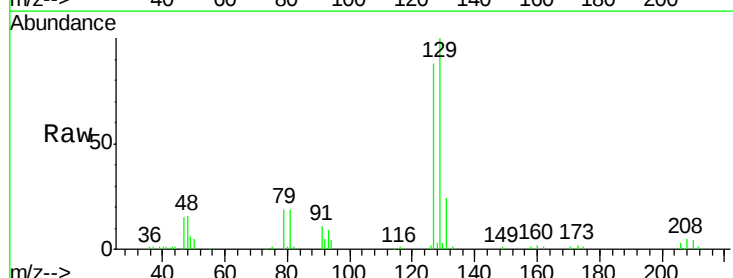
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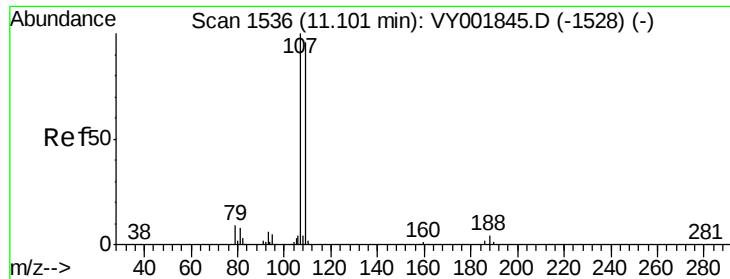
MMDadoda
3/20/2020 12:06:17 PM



#60
Dibromochloromethane
Concen: 18.558 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 129 Resp: 29790
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0





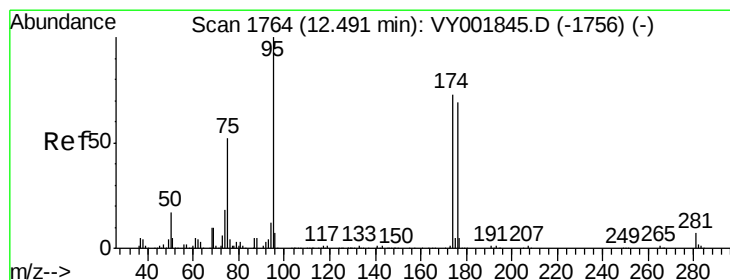
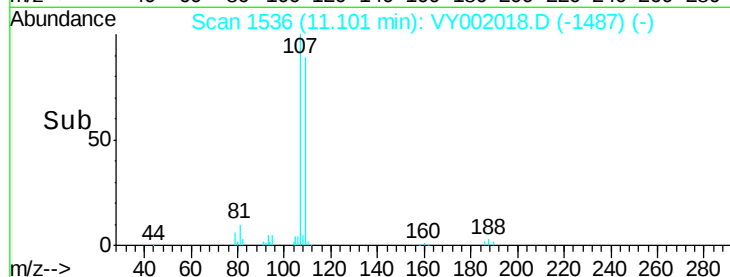
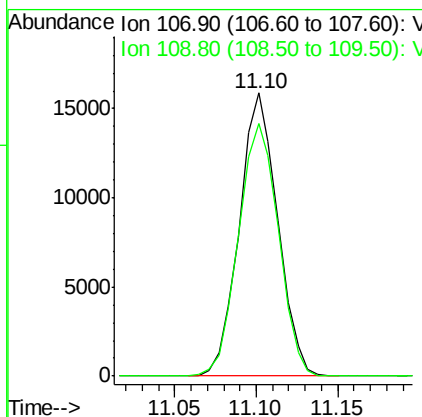
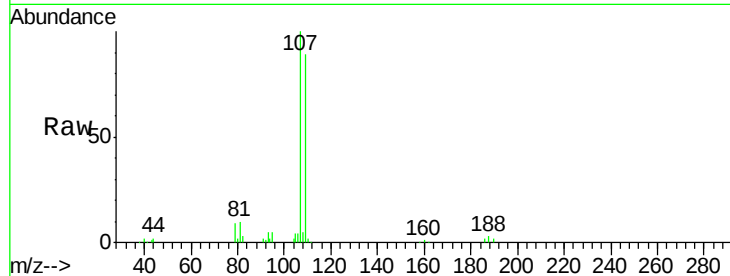
#61
1,2-Dibromoethane
Concen: 18.044 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 107 Resp: 26038
Ion Ratio Lower Upper
107 100
109 92.7 75.4 113.0

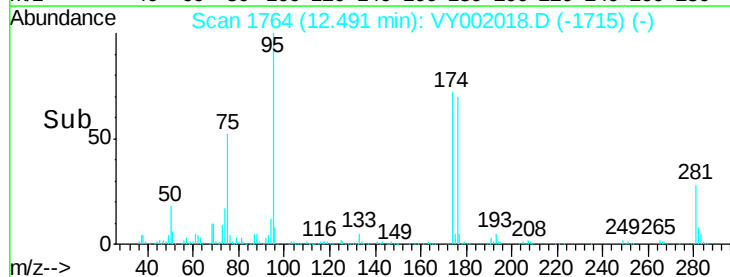
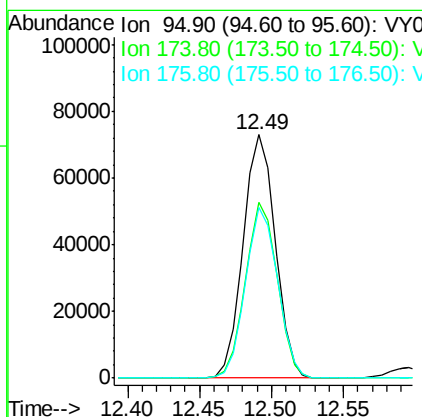
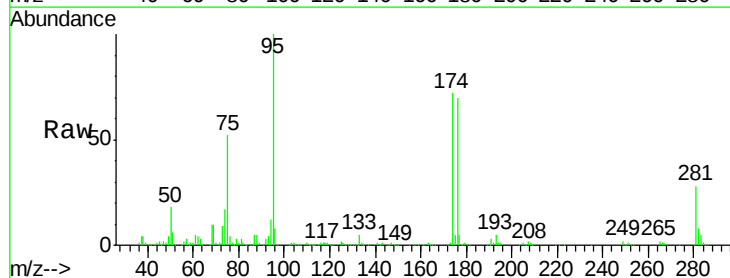
Manual Integrations
APPROVED

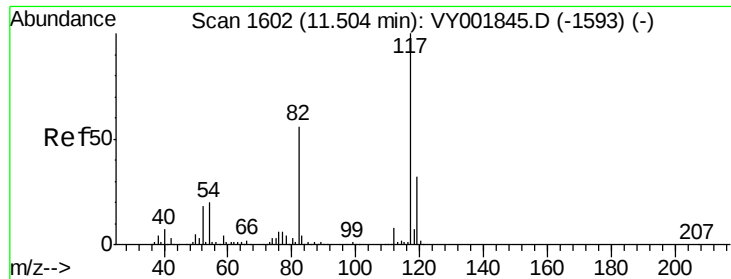
MMDadoda
3/20/2020 12:06:17 PM



#62
4-Bromofluorobenzene
Concen: 50.007 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 95 Resp: 112790
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.0
176 69.9 0.0 137.4





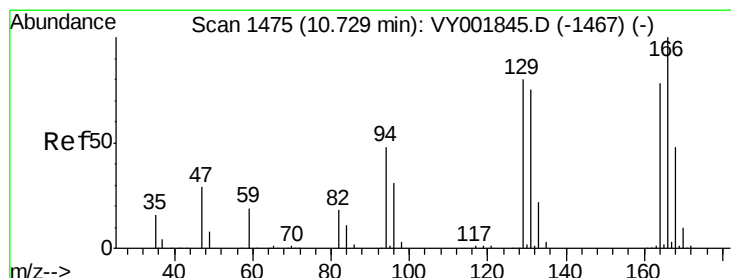
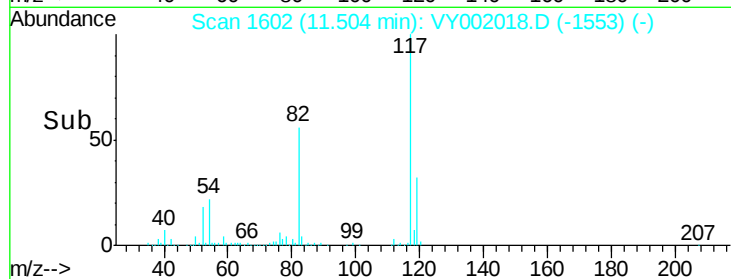
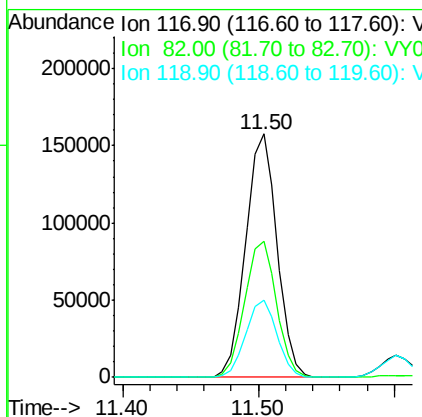
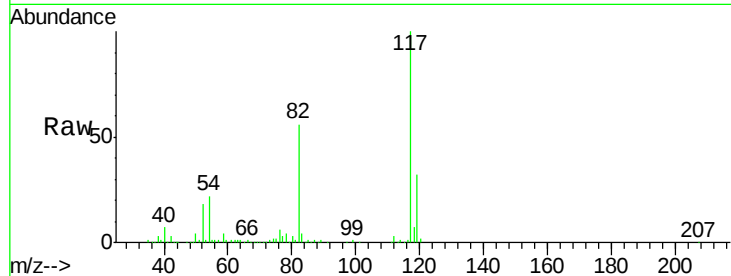
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	254750		
82	55.7		44.5	66.7
119	31.8		25.7	38.5

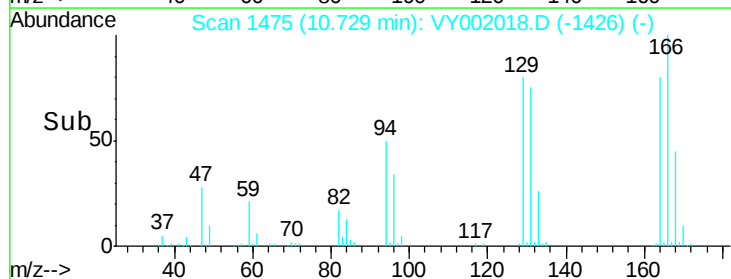
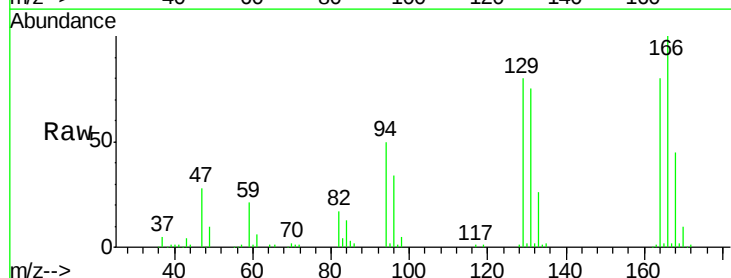
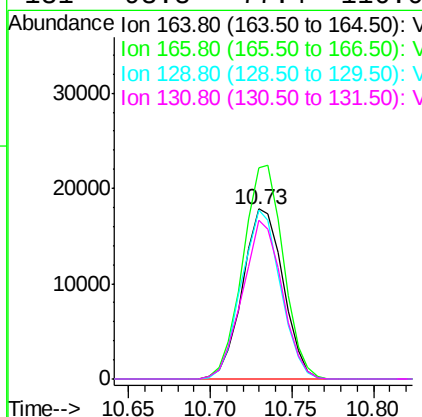
Manual Integrations
APPROVED

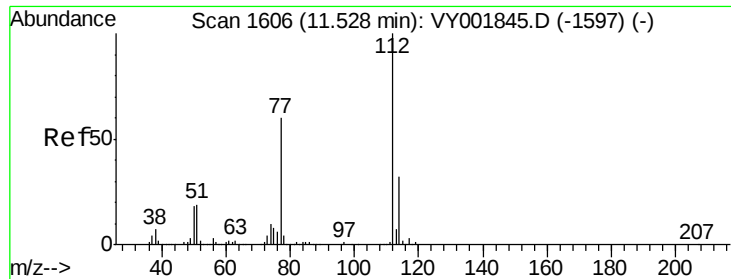
MMDadoda
3/20/2020 12:06:17 PM



#64
Tetrachloroethene
Concen: 19.359 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	30928		
166	124.4		102.6	154.0
129	99.4		82.3	123.5
131	93.8		77.4	116.0





#65

Chlorobenzene

Concen: 18.772 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion:112 Resp: 95285

Ion Ratio Lower Upper

112 100

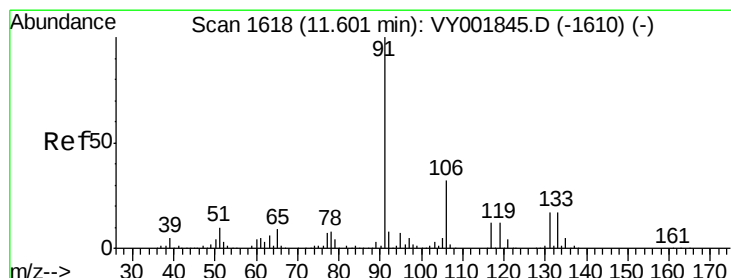
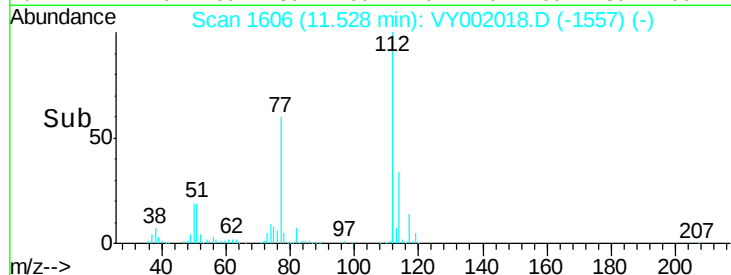
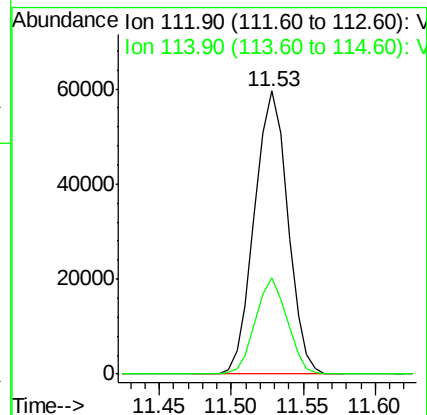
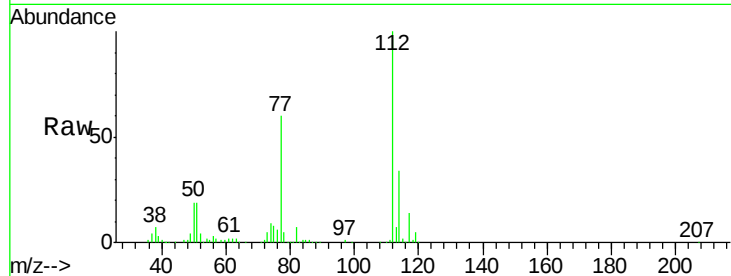
114 34.0 25.9 38.9

Manual Integrations

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3/20/2020 12:06:17 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.286 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

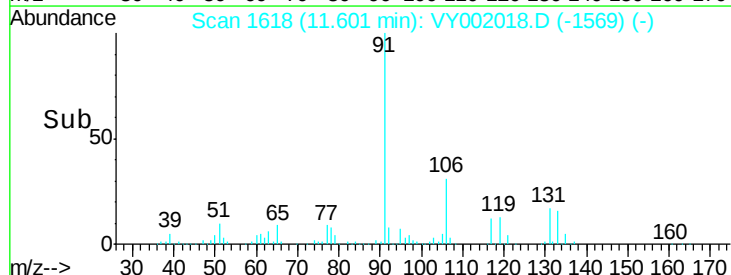
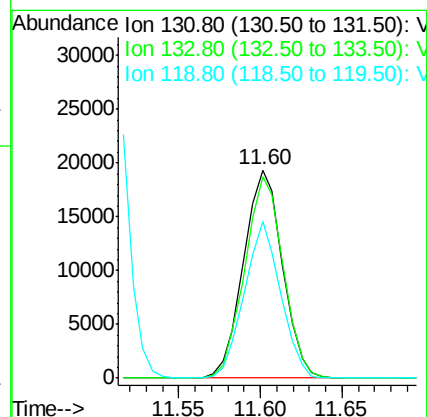
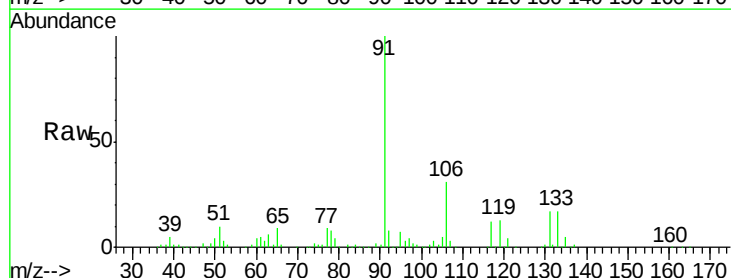
Tgt Ion:131 Resp: 32103

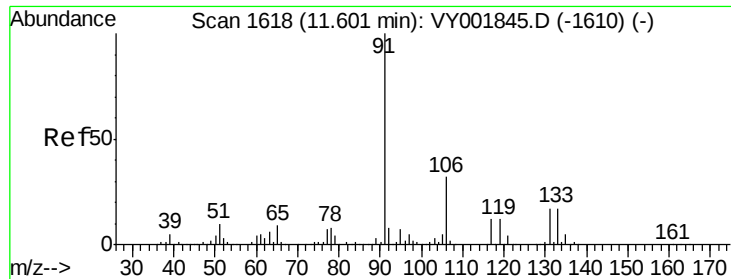
Ion Ratio Lower Upper

131 100

133 95.8 47.1 141.3

119 70.3 34.5 103.6





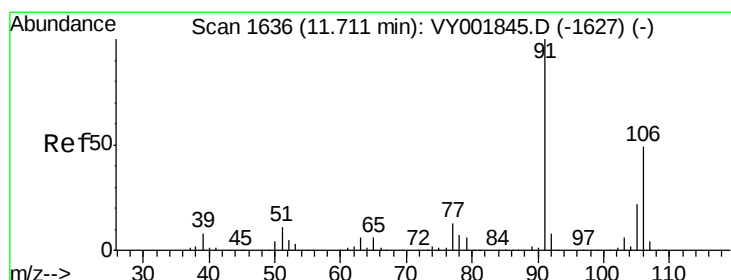
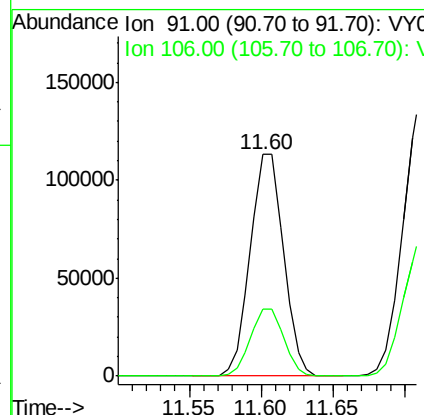
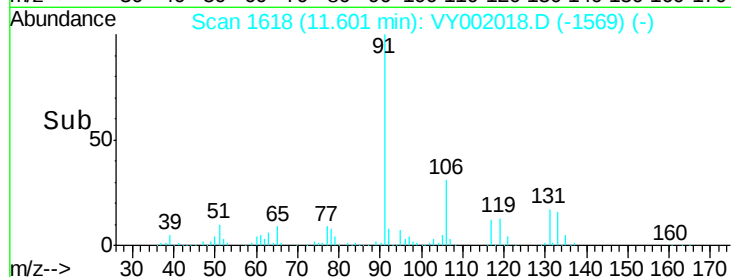
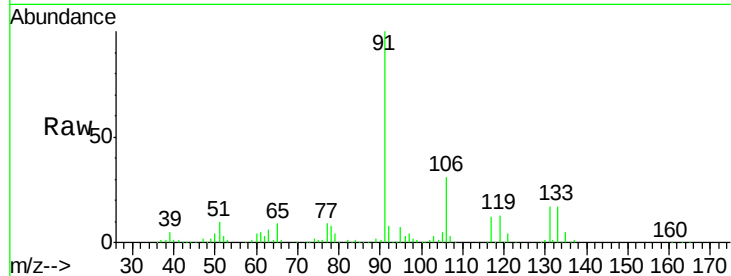
#67
Ethyl Benzene
Concen: 19.137 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion: 91 Resp: 181167
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

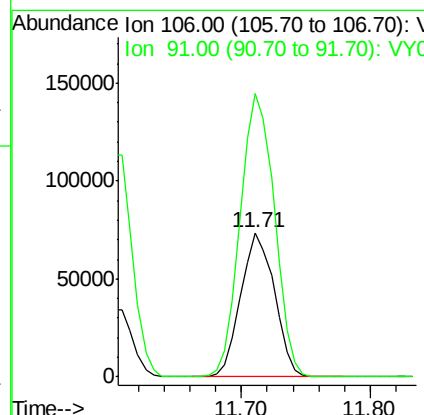
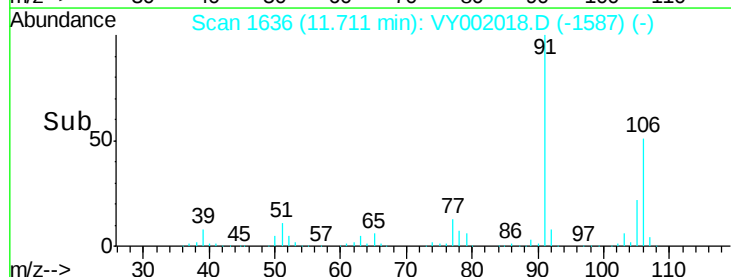
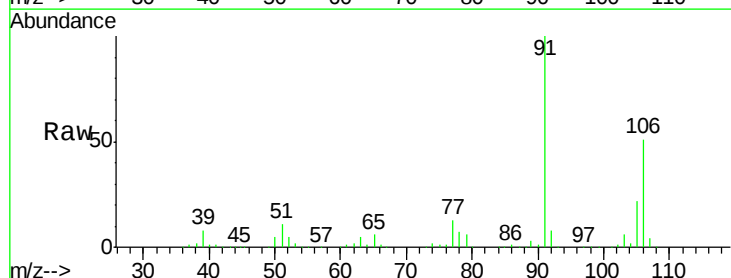
Manual Integrations
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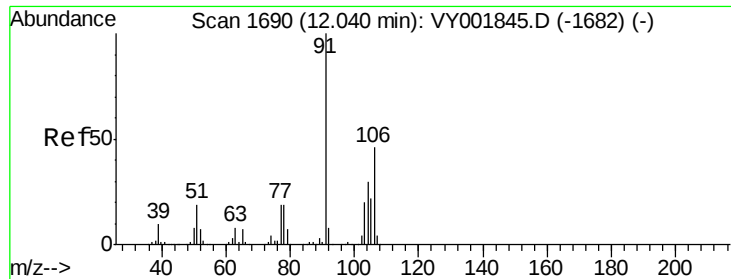
MMDadoda
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#68
m/p-Xylenes
Concen: 38.183 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion: 106 Resp: 133639
Ion Ratio Lower Upper
106 100
91 199.4 161.3 241.9





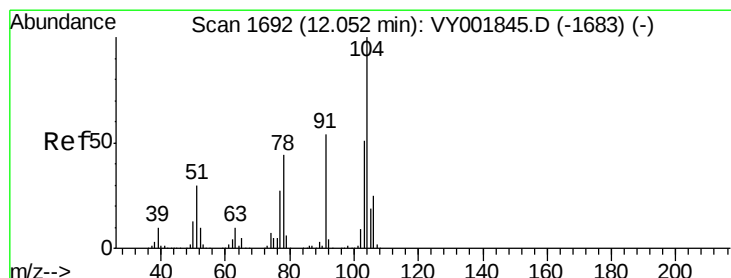
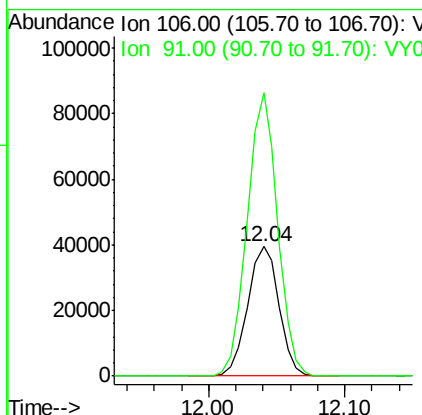
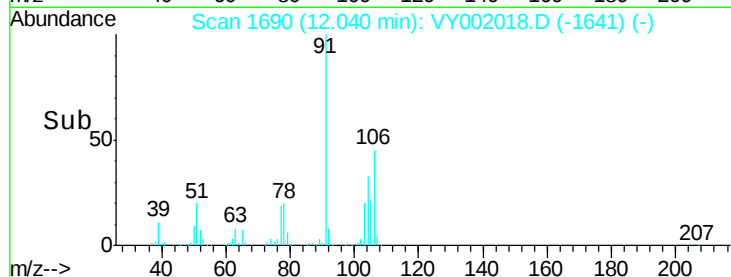
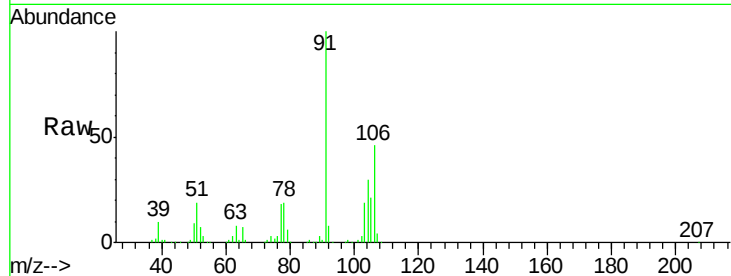
#69
o-Xylene
Concen: 19.345 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.4	106.8	320.4

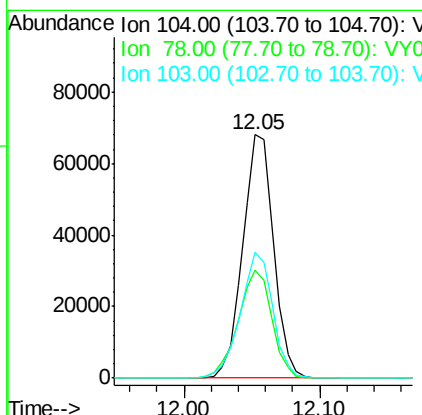
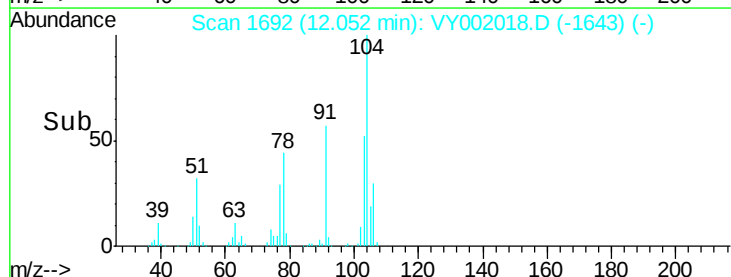
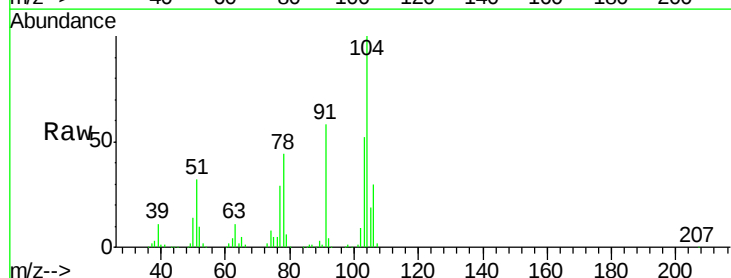
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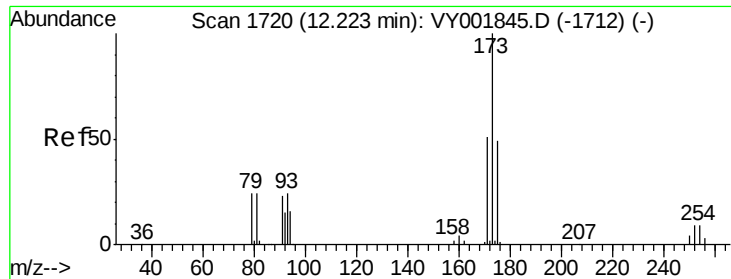
MMDadoda
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#70
Styrene
Concen: 19.143 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.1	38.5	57.7
103	103	54.1	42.9	64.3





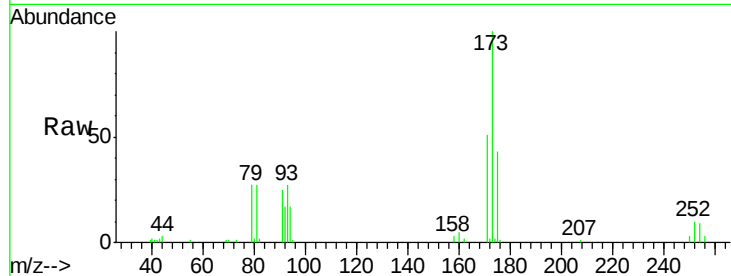
#71
Bromoform
Concen: 18.380 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

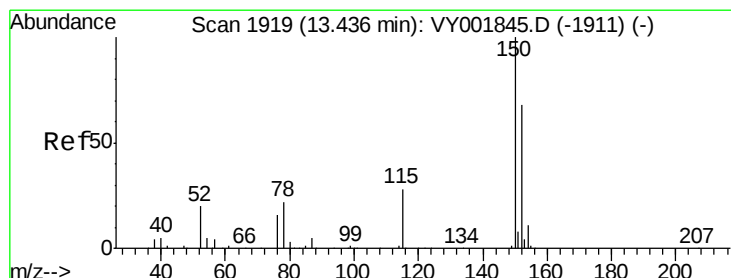
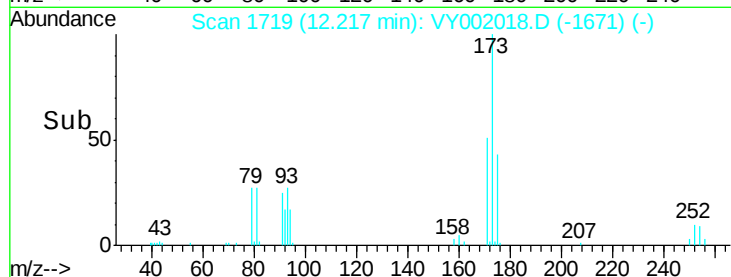
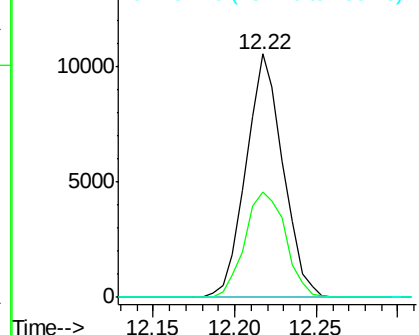
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.3	72.8
254	0.0	0.0	0.0

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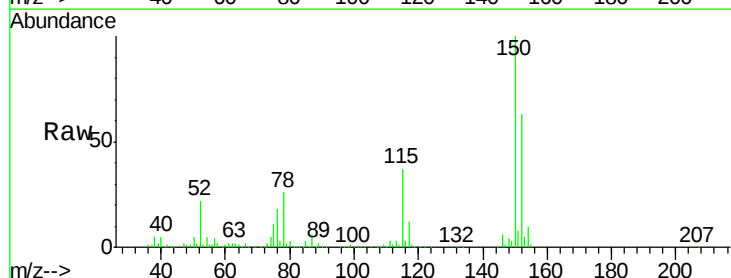


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

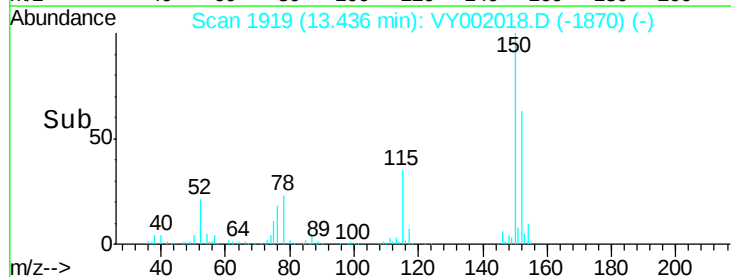
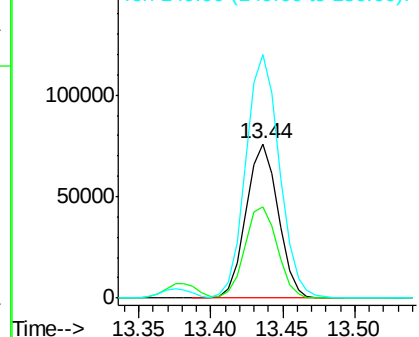


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.9	89.7
150	165.8	0.0	340.6



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





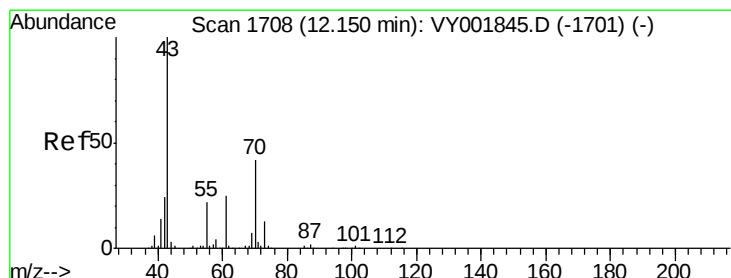
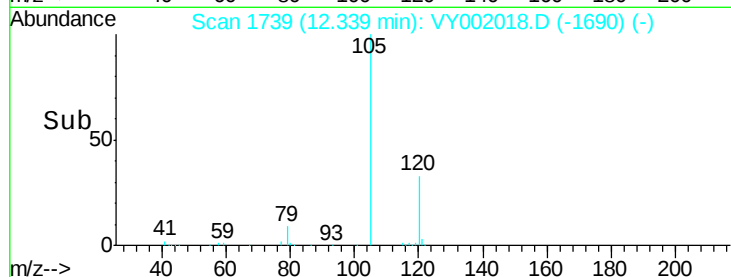
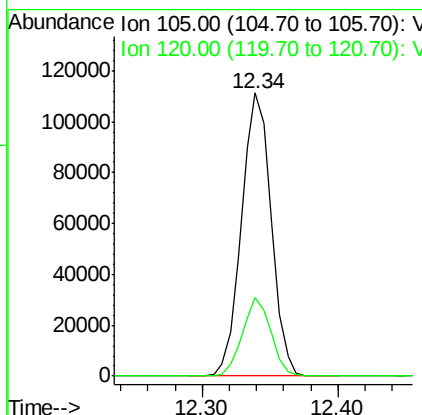
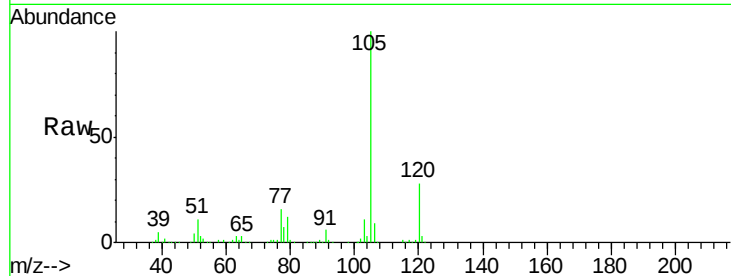
#73
Isopropylbenzene
Concen: 19.005 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.1	39.3

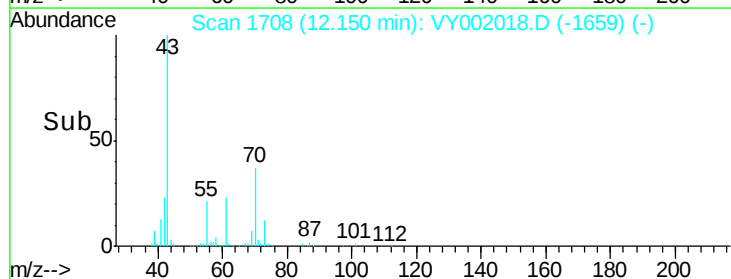
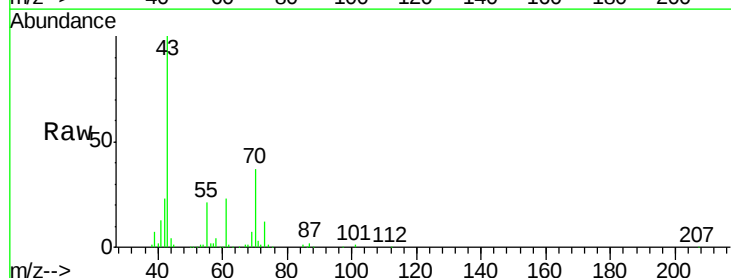
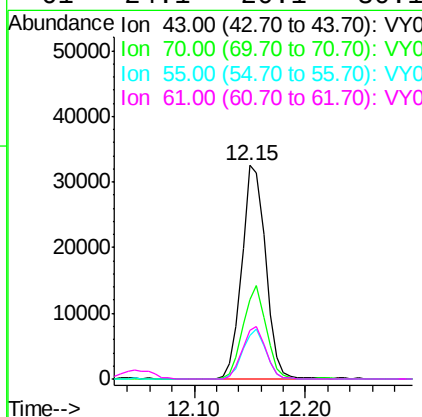
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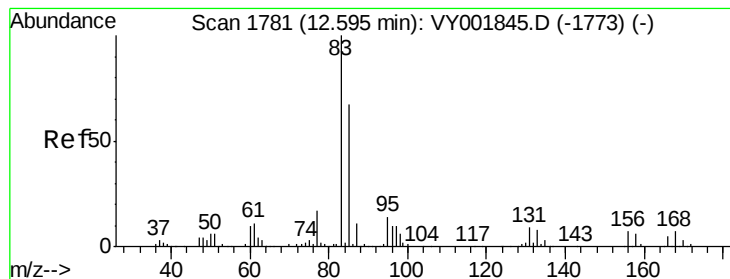
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#74
N-ethyl acetate
Concen: 17.669 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.3	34.7	52.1
55	22.8	18.2	27.4
61	24.1	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.759 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

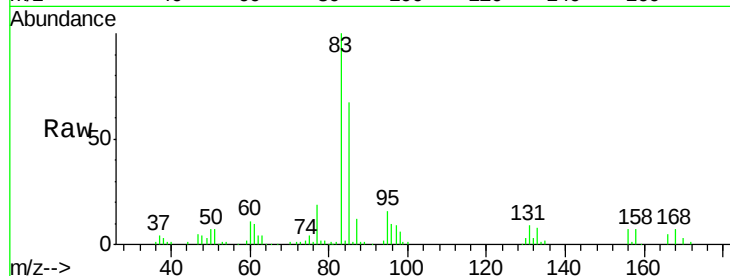
ClientSampleId :

VY0319SBS01

Tot Ion:	83	Resp:	34116
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.6	13.8
85	64.7	32.1	96.3

Manual Integrations
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3/20/2020 12:06:17 PM

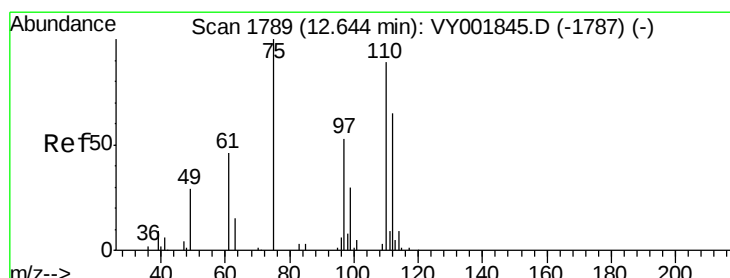
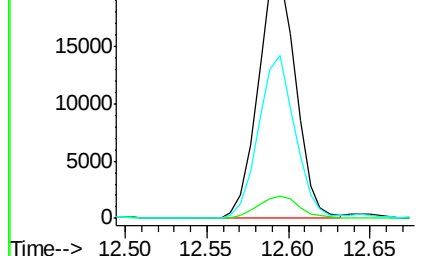
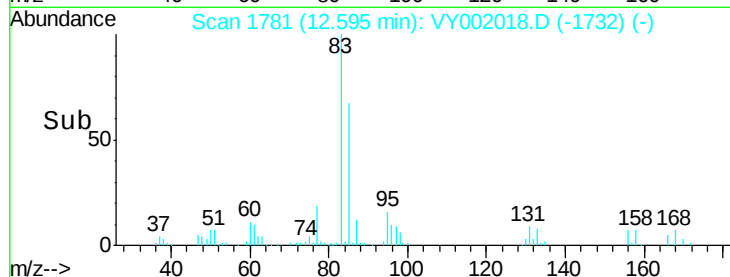


Abundance Ion 82.90 (82.60 to 83.60): VY002018.D (-1732) (-)

Ion 130.80 (130.50 to 131.50): VY002018.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VY002018.D (-1732) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 16.782 ug/l m

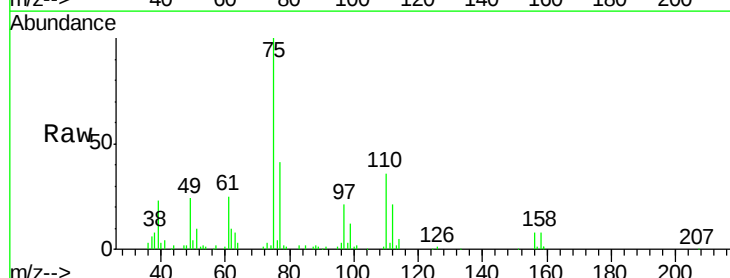
RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

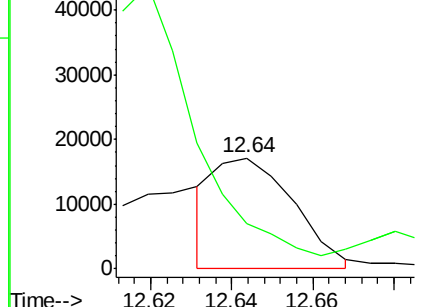
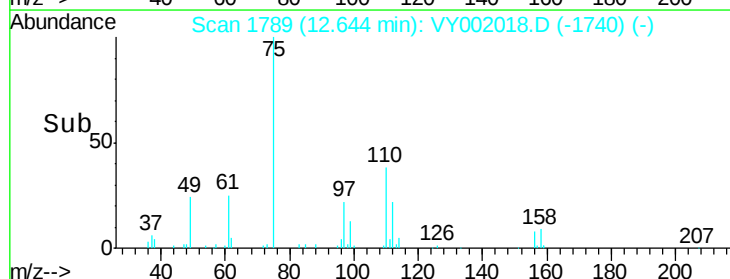
Tgt Ion:	75	Resp:	23238
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

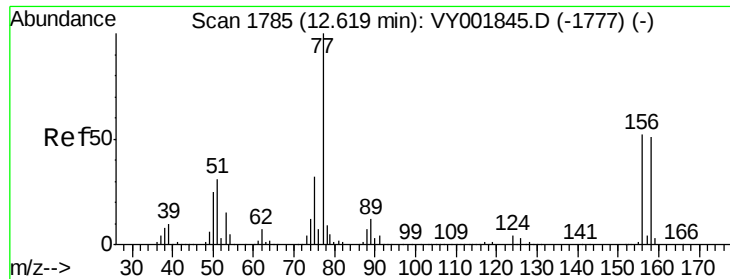


Abundance Ion 74.90 (74.60 to 75.60): VY002018.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY002018.D (-1740) (-)

Time-->





#77

Bromobenzene

Concen: 19.134 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion:156 Resp: 36113

Ion Ratio Lower Upper

156 100

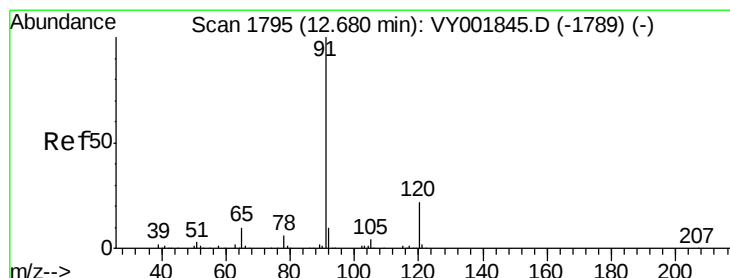
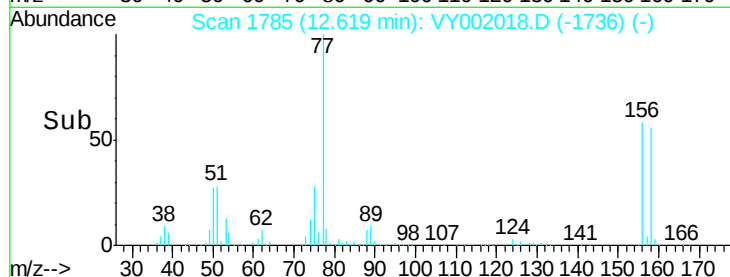
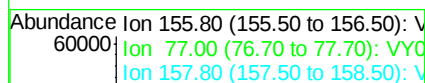
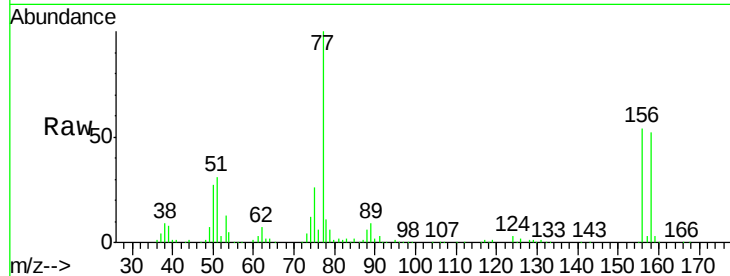
77 212.5 109.0 327.0

158 97.7 48.9 146.8

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#78

n-propylbenzene

Concen: 19.052 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002018.D

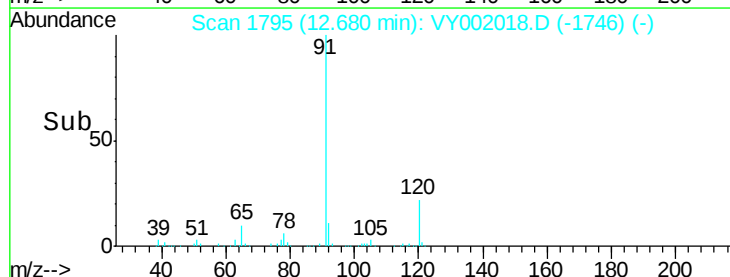
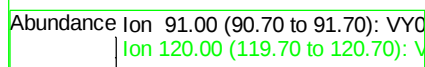
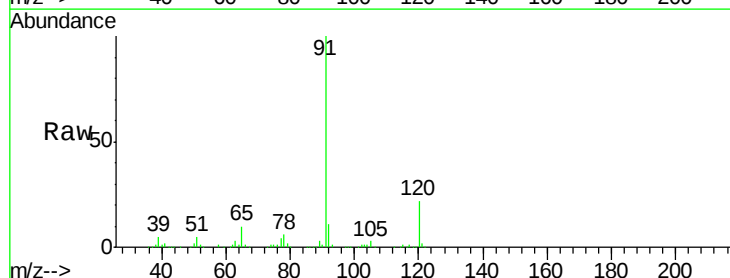
Acq: 19 Mar 2020 13:58

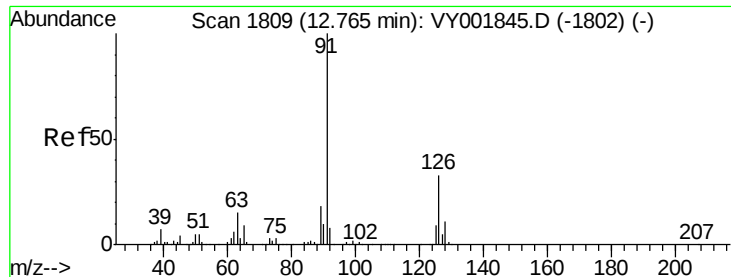
Tgt Ion: 91 Resp: 209386

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.999 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tot Ion: 91 Resp: 115358

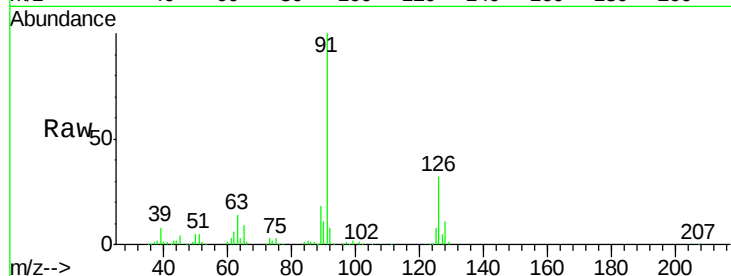
Ion Ratio Lower Upper

91 100

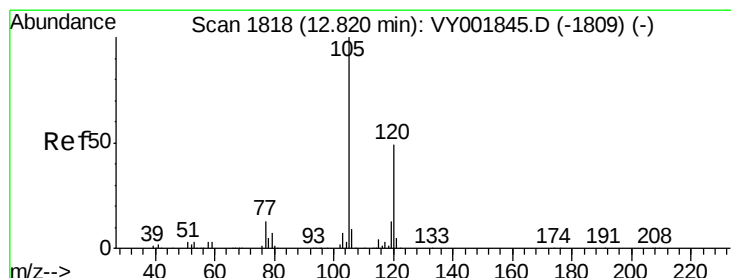
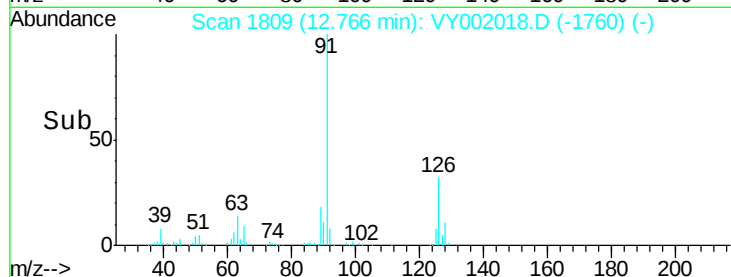
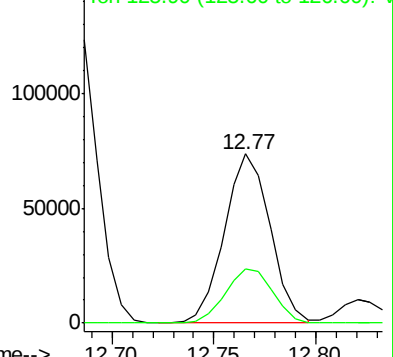
126 33.2 16.3 48.8

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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.294 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002018.D

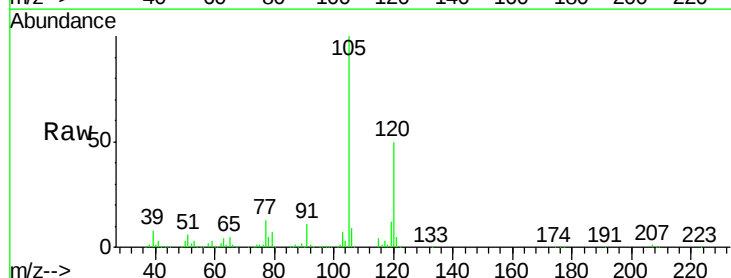
Acq: 19 Mar 2020 13:58

Tgt Ion: 105 Resp: 141494

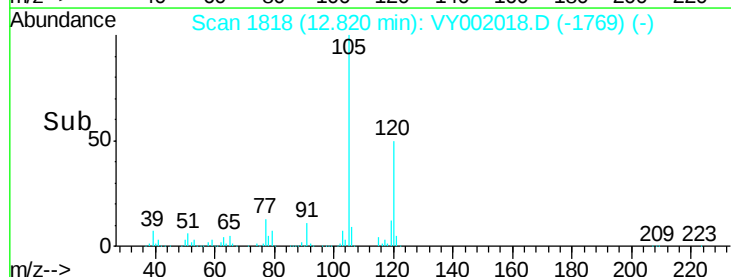
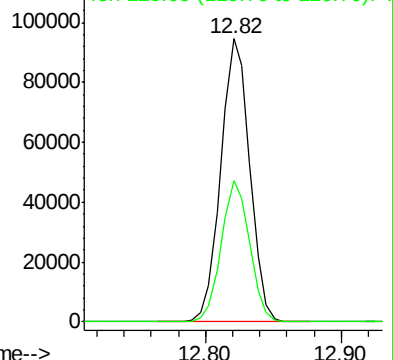
Ion Ratio Lower Upper

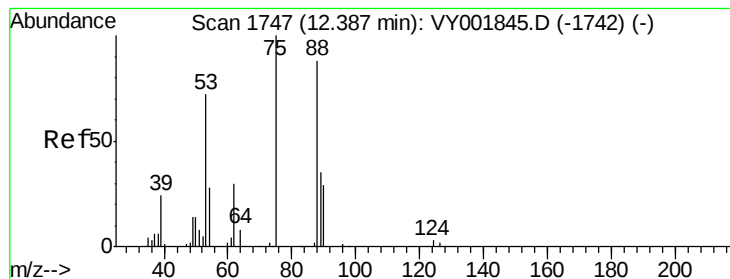
105 100

120 48.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.516 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Instrument :

MSVOA_Y

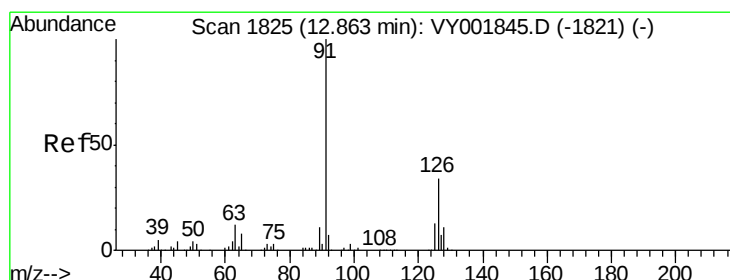
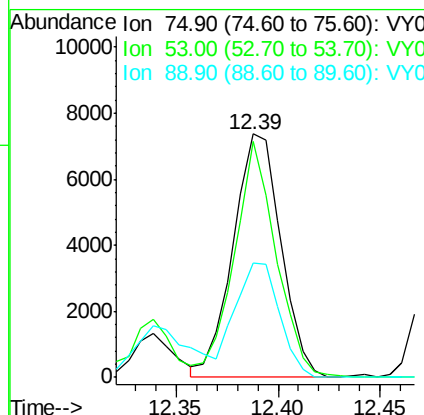
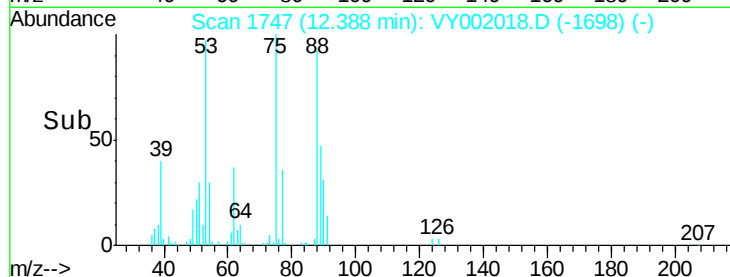
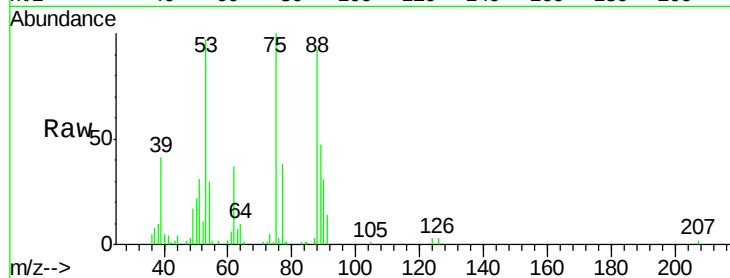
ClientSampleId :

VY0319SBS01

Tot Ion:	75	Resp:	12007
Ion Ratio	Lower	Upper	
75	100		
53	85.1	65.4	98.0
89	43.4	36.0	54.0

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#82

4-Chlorotoluene

Concen: 19.157 ug/l

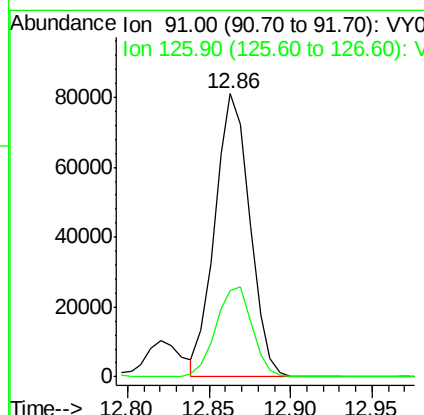
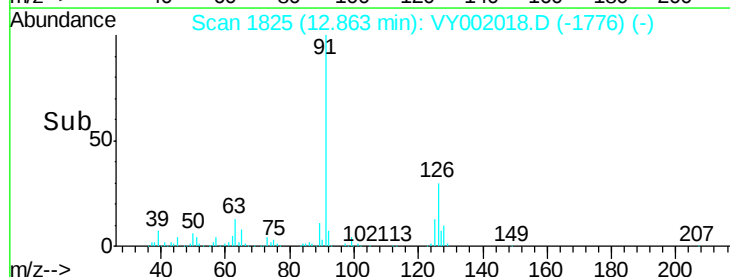
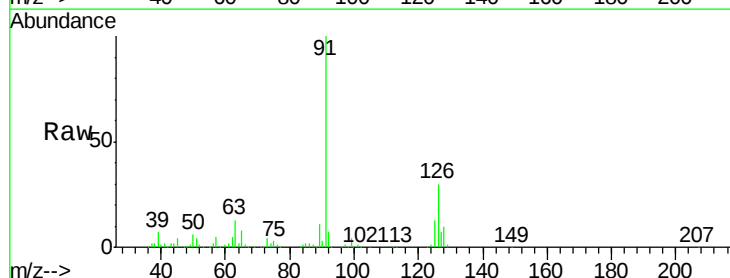
RT: 12.86 min Scan# 1825

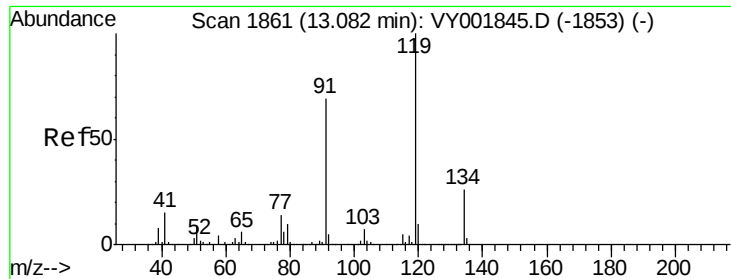
Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion:	91	Resp:	121114
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.4	49.2





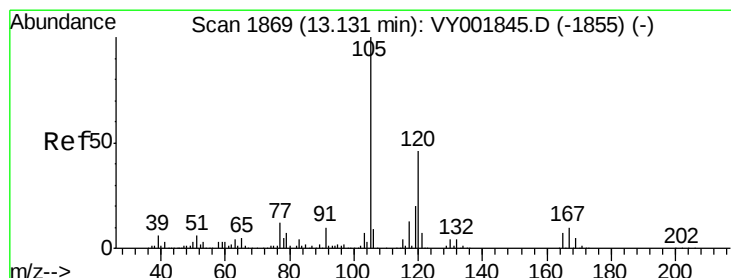
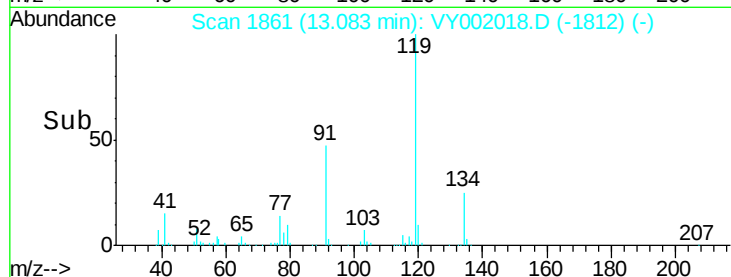
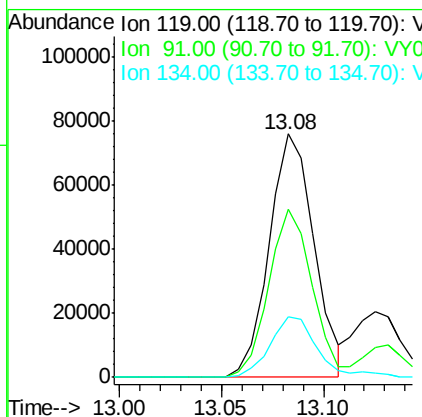
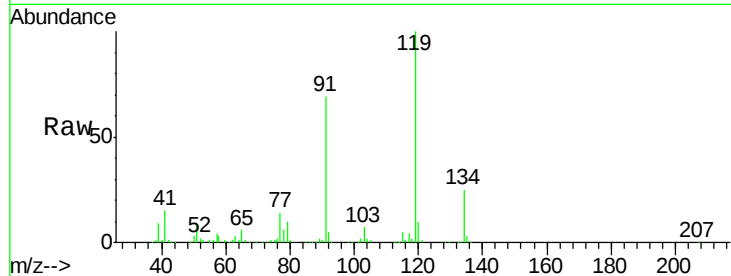
#83
tert-Butylbenzene
Concen: 19.175 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	116800		
91	67.4	34.0	101.8	
134	26.8	13.5	40.4	

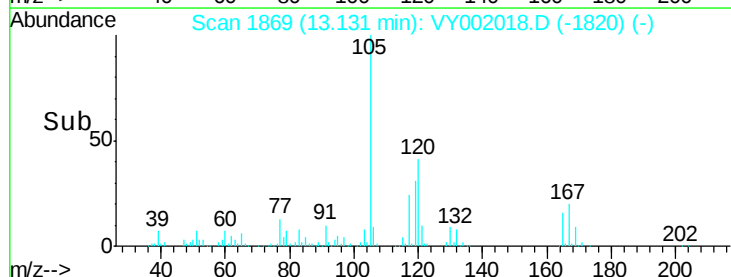
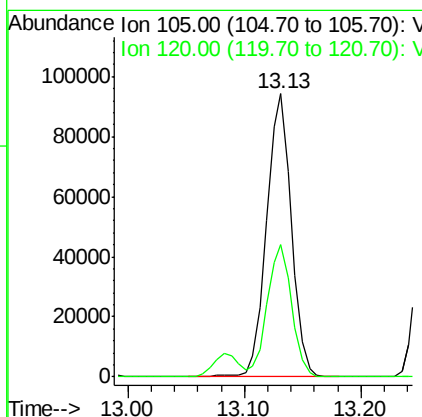
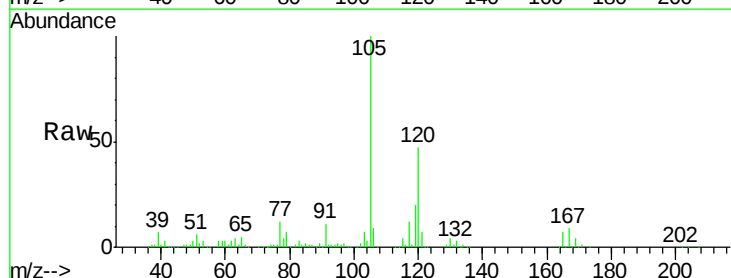
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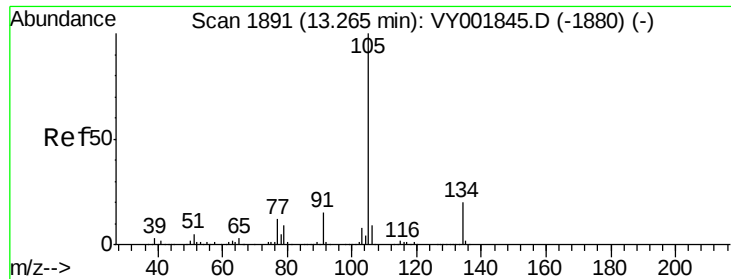
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#84
1,2,4-Trimethylbenzene
Concen: 19.159 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	139442		
120	46.0	22.6	67.7	





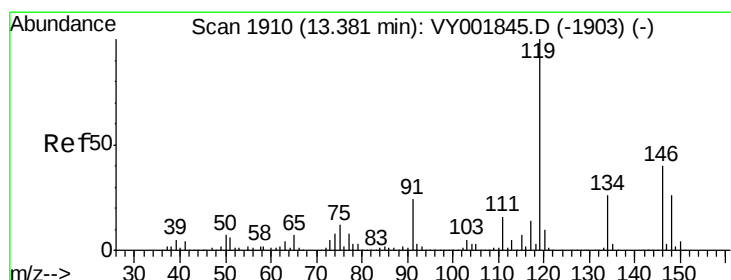
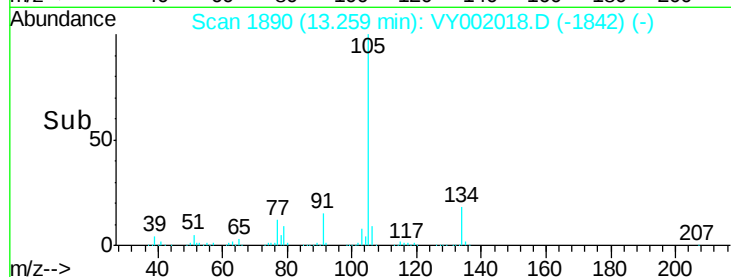
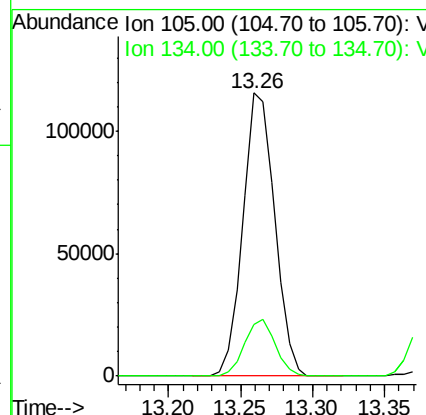
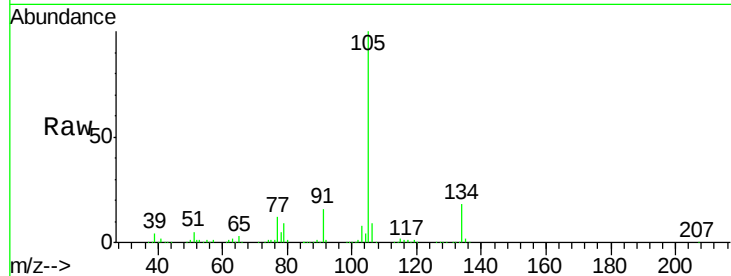
#85
 sec-Butylbenzene
 Concen: 19.733 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	177168		
134	19.3	9.7	29.1	

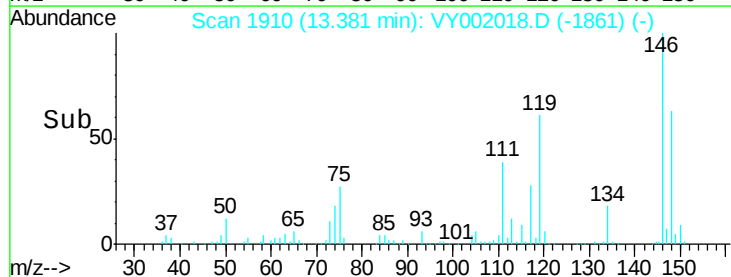
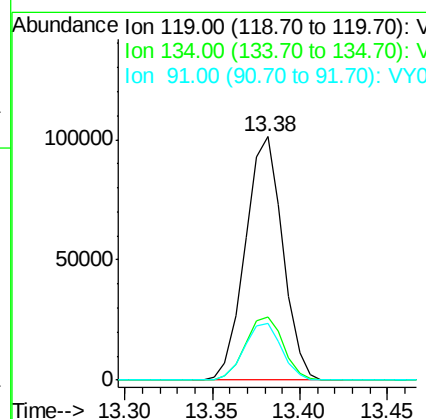
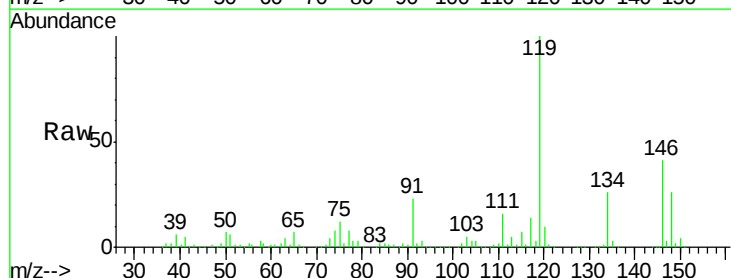
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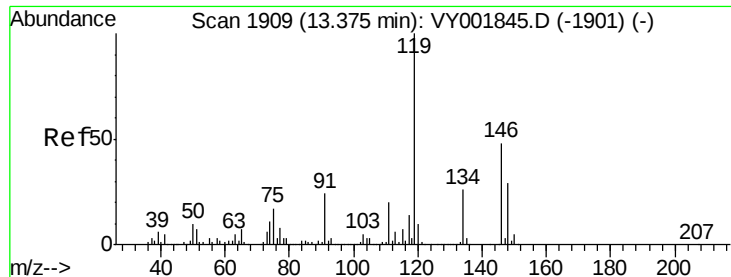
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#86
 p-Isopropyltoluene
 Concen: 19.387 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	150156		
134	26.6	13.1	39.3	
91	23.4	11.9	35.7	





#87

1,3-Dichlorobenzene

Concen: 19.620 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

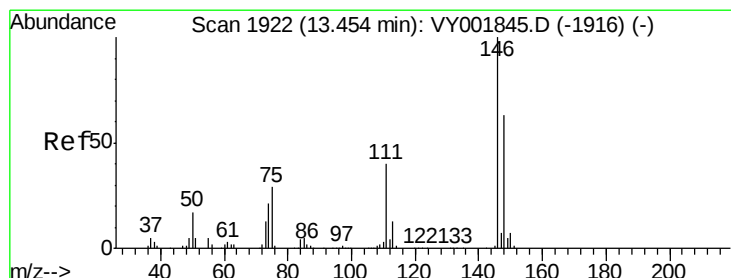
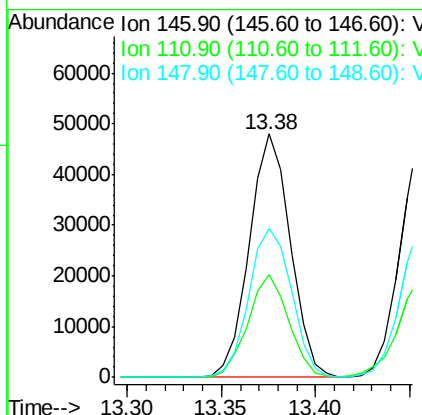
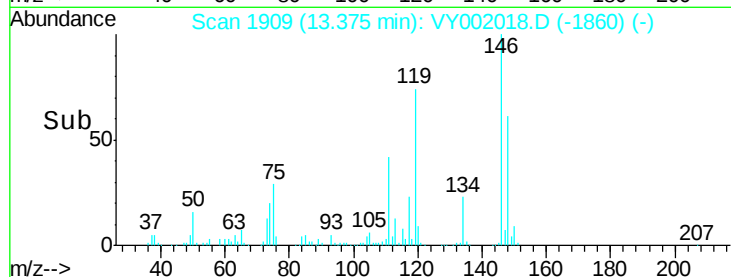
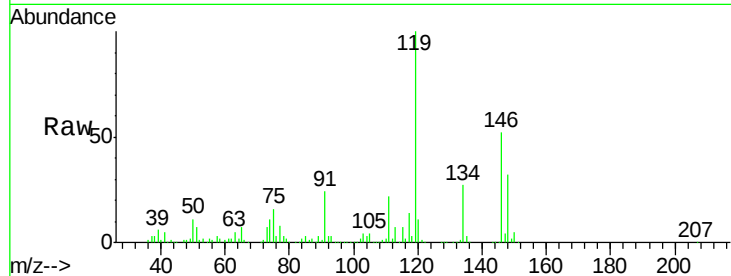
Instrument :
MSVOA_Y

ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.5
148	63.6	31.4	94.0

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#88

1,4-Dichlorobenzene

Concen: 19.018 ug/l

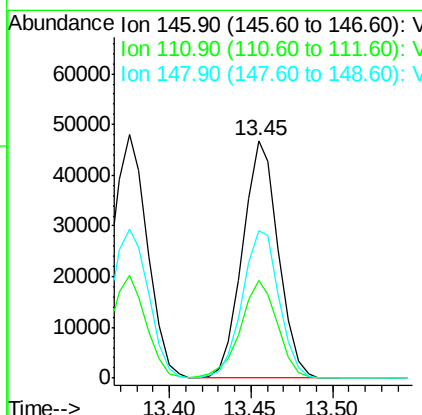
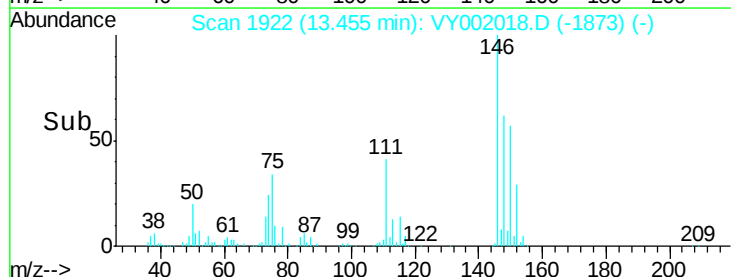
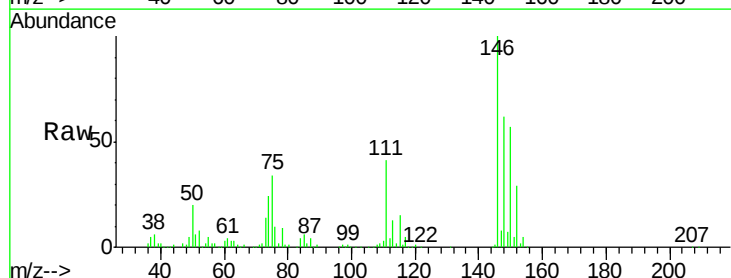
RT: 13.45 min Scan# 1922

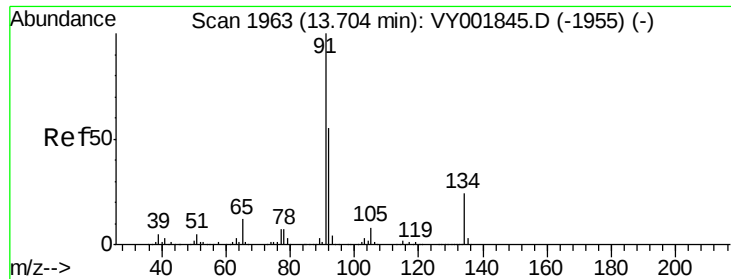
Delta R.T. 0.00 min

Lab File: VY002018.D

Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	60.0
148	63.6	31.5	94.5





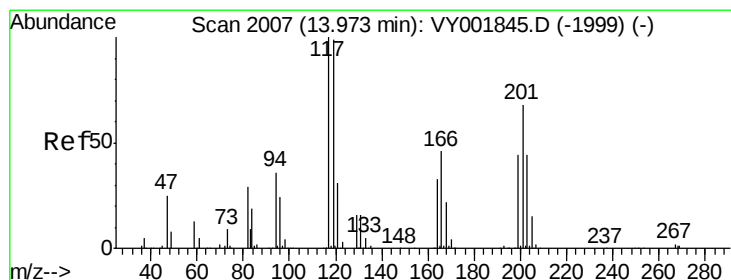
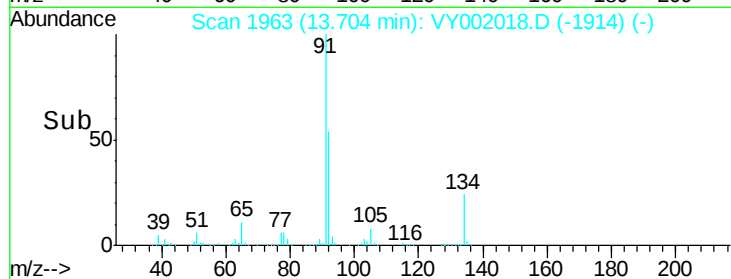
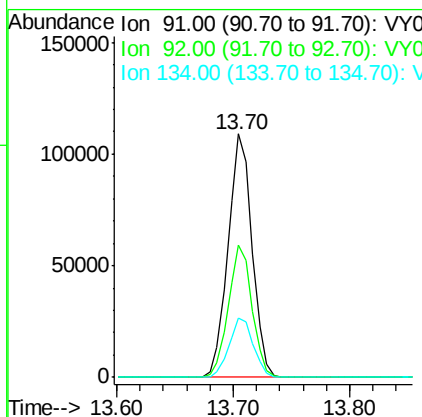
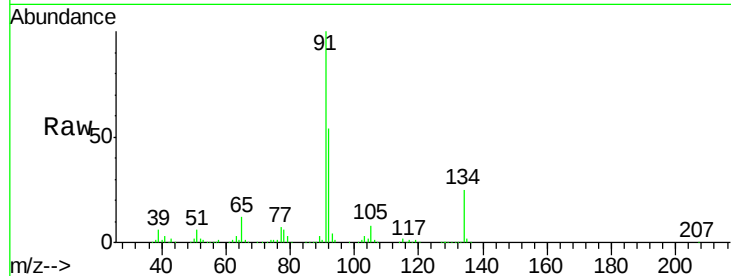
#89
n-Butylbenzene
Concen: 19.408 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	155949		
92	53.7		27.5	82.4
134	24.6		12.5	37.5

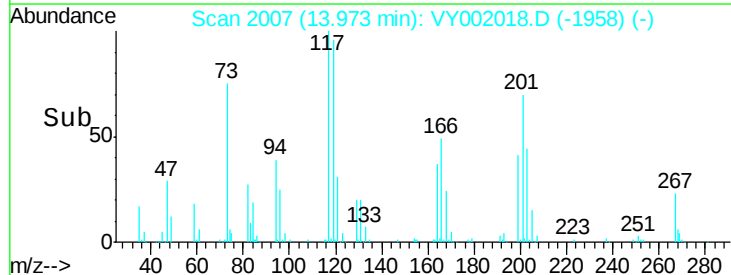
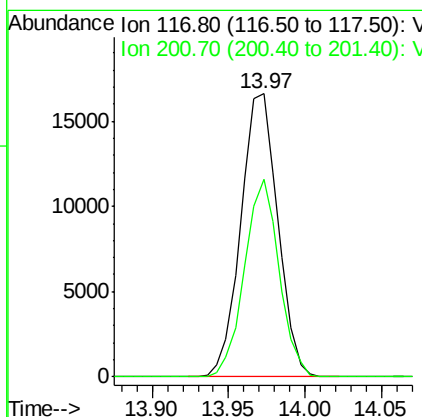
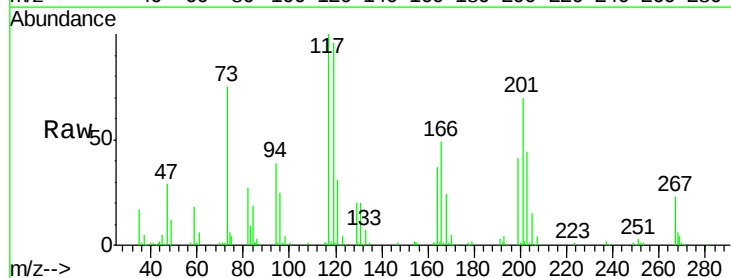
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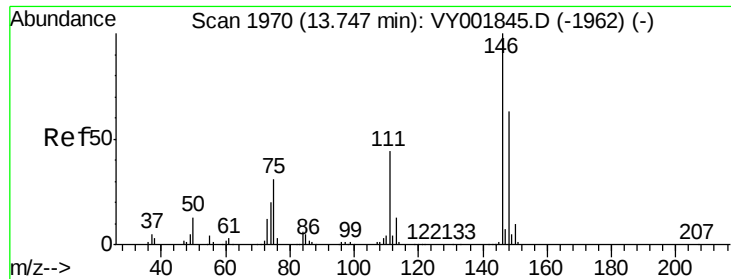
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#90
Hexachloroethane
Concen: 19.096 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27901		
201	65.2		32.5	97.5





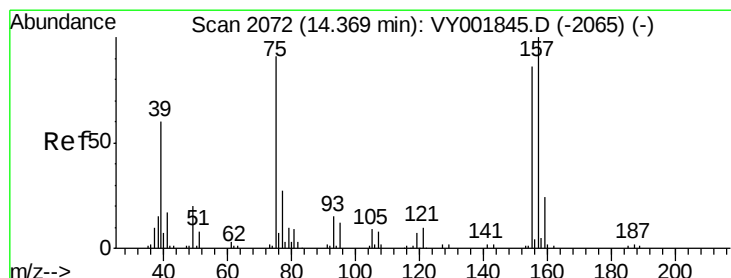
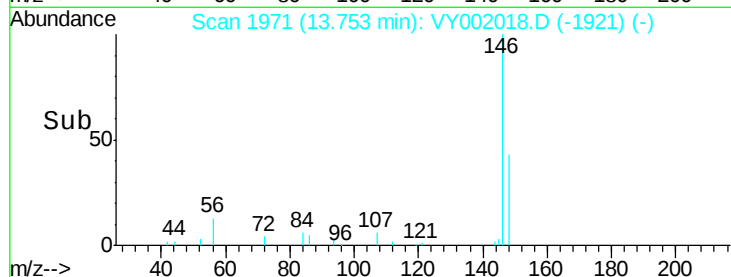
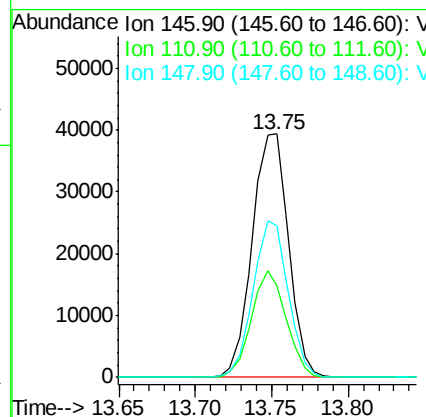
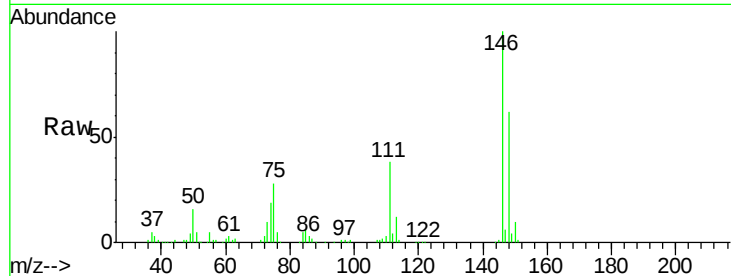
#91
 1,2-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	62.0	32.0	96.0

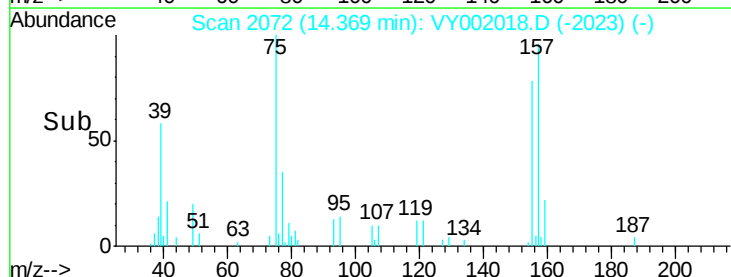
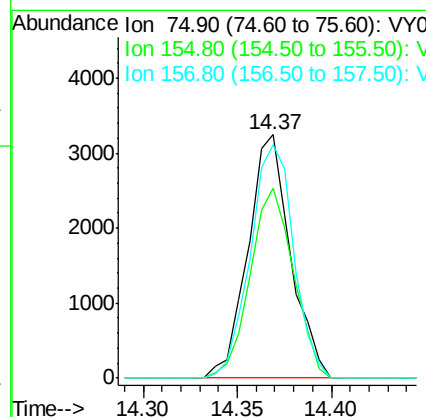
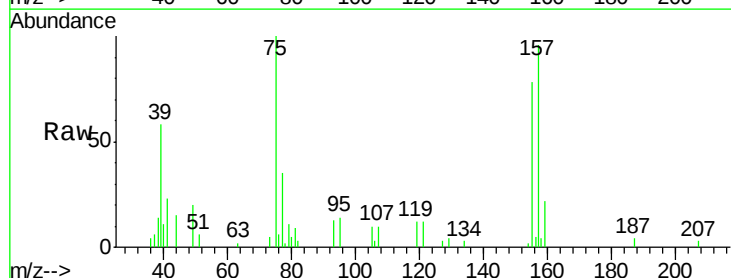
Manual Integrations
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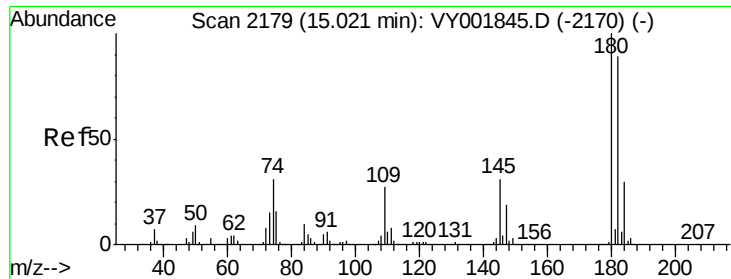
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.946 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002018.D
 Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	42.9	128.7
157	97.8	53.1	159.4





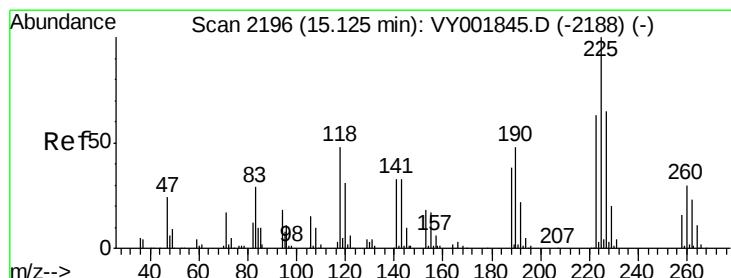
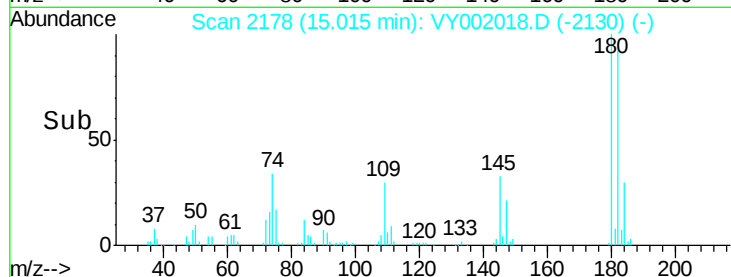
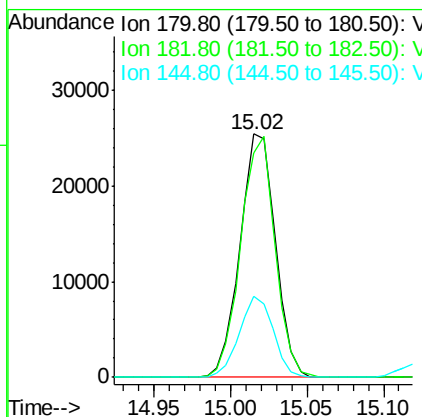
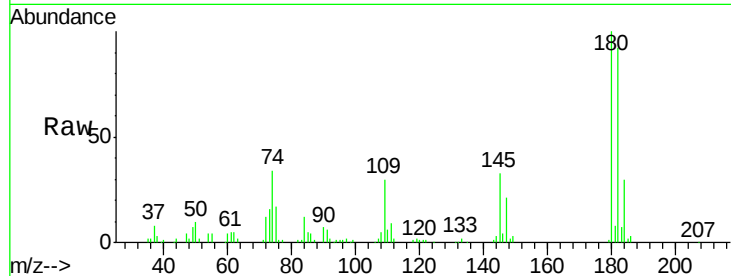
#93
1,2,4-Trichlorobenzene
Concen: 18.766 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.1	138.3
145	32.0	15.6	46.8

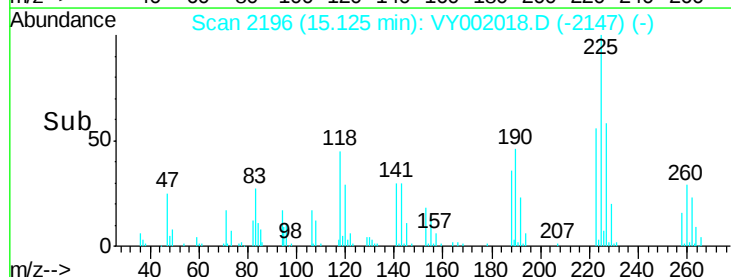
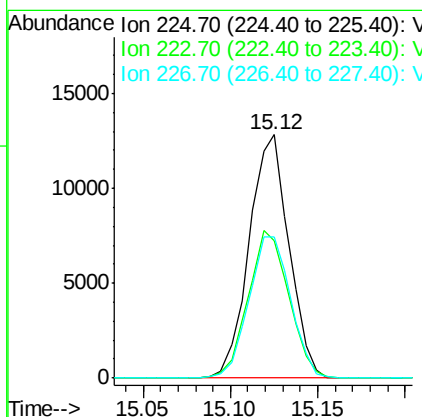
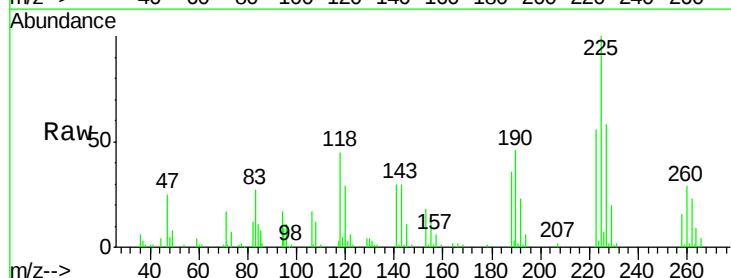
Manual Integrations
APPROVED

MMDadoda
3/20/2020 12:06:17 PM



#94
Hexachlorobutadiene
Concen: 19.013 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.5	94.5
227	61.3	31.9	95.5





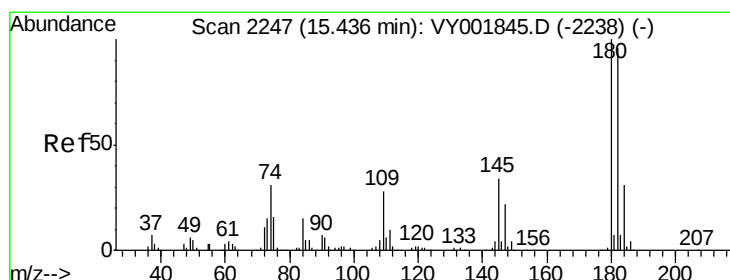
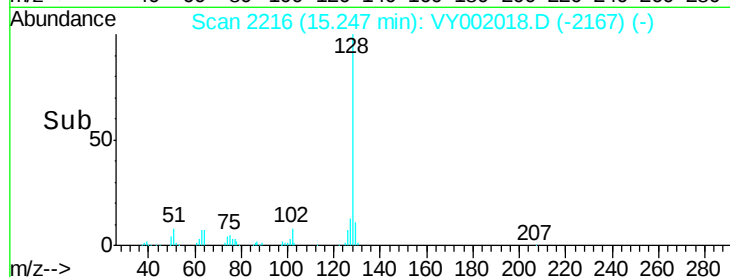
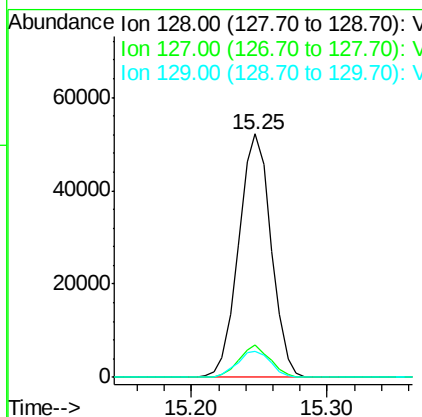
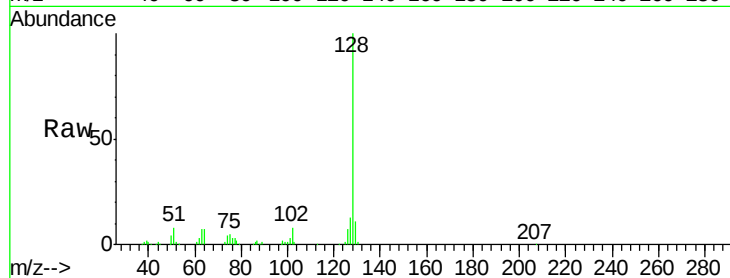
#95
Naphthalene
Concen: 16.815 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/20/2020 12:06:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.363 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002018.D
Acq: 19 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.9
145	33.6	16.8	50.3

