

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001906.D
 Acq On : 09 Mar 2020 13:02
 Operator : SY/MD
 Sample : VY0309SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 2:56:45 PM

Quant Time: Mar 10 12:04:23 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	7.80	168	170978	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	314268	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	282999	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	132698	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	93713	51.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	7.72	113	86175	50.22	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.18	98	359741	49.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.48	95	126478	50.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31626	20.039	ug/l	100
3) Chloromethane	2.12	50	44664	20.990	ug/l	98
4) Vinyl Chloride	2.26	62	43636	20.161	ug/l	98
5) Bromomethane	2.65	94	29450	19.756	ug/l	97
6) Chloroethane	2.79	64	28115	20.679	ug/l	98
7) Trichlorofluoromethane	3.13	101	59756	20.358	ug/l	97
8) Diethyl Ether	3.54	74	25011	21.619	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	39300	20.816	ug/l	99
10) Methyl Iodide	4.10	142	41440	18.980	ug/l	99
11) Tert butyl alcohol	4.95	59	36444	186.089	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	40094	21.091	ug/l	98
13) Acrolein	3.74	56	26437	103.069	ug/l	97
14) Allyl chloride	4.49	41	70653	20.965	ug/l	98
15) Acrylonitrile	5.18	53	66080	106.890	ug/l	99
16) Acetone	3.96	43	55286	103.992	ug/l	100
17) Carbon Disulfide	4.20	76	130930	20.489	ug/l	99
18) Methyl Acetate	4.49	43	29323	21.466	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	109395	21.236	ug/l	100
20) Methylene Chloride	4.72	84	48151	21.133	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	44860	20.791	ug/l	97
22) Diisopropyl ether	6.13	45	143318	20.747	ug/l	96
23) Vinyl Acetate	6.07	43	480447	106.090	ug/l	99
24) 1,1-Dichloroethane	6.03	63	77172	20.629	ug/l	97
25) 2-Butanone	6.99	43	87644	108.406	ug/l	96
26) 2,2-Dichloropropane	6.99	77	65909	21.466	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	48528	20.676	ug/l	96
28) Bromochloromethane	7.34	49	35435	21.015	ug/l	99
29) Tetrahydrofuran	7.35	42	56576	105.379	ug/l	99
30) Chloroform	7.52	83	73130	20.807	ug/l	100
31) Cyclohexane	7.79	56	82040	20.453	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	61884	20.890	ug/l	99
36) 1,1-Dichloropropene	7.92	75	62230	20.577	ug/l	99
37) Ethyl Acetate	7.08	43	37875	21.548	ug/l	99
38) Carbon Tetrachloride	7.91	117	52845	20.455	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	81986	20.440	ug/l	97
40) Benzene	8.16	78	184078	20.536	ug/l	97
41) Methacrylonitrile	7.33	41	22335m	28.236	ug/l	
42) 1,2-Dichloroethane	8.24	62	48769	21.114	ug/l	98
43) Isopropyl Acetate	8.28	43	70112	21.069	ug/l	99
44) Trichloroethene	8.94	130	44841	20.540	ug/l	98
45) 1,2-Dichloropropane	9.22	63	46647	20.701	ug/l	98
46) Dibromomethane	9.31	93	24451	21.057	ug/l	97
47) Bromodichloromethane	9.50	83	56589	20.950	ug/l	94
48) Methyl methacrylate	9.30	41	31615	21.410	ug/l	97
49) 1,4-Dioxane	9.30	88	6726	422.719	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	182344	106.382	ug/l	99
52) Toluene	10.24	92	112441	20.649	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	61470	20.888	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	72623	20.729	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	35104	20.657	ug/l	97
56) Ethyl methacrylate	10.51	69	52510	21.081	ug/l	98
57) 1,3-Dichloropropane	10.79	76	63104	20.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	134185	139.950	ug/l	100
59) 2-Hexanone	10.83	43	128609	105.124	ug/l	99
60) Dibromochloromethane	10.99	129	36850	20.578	ug/l	99
61) 1,2-Dibromoethane	11.09	107	33886	21.050	ug/l	98
64) Tetrachloroethene	10.72	164	36782	20.725	ug/l	93
65) Chlorobenzene	11.52	112	114651	20.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	39269	21.236	ug/l	99
67) Ethyl Benzene	11.60	91	214668	20.413	ug/l	100
68) m/p-Xylenes	11.71	106	159212	40.949	ug/l	99
69) o-Xylene	12.03	106	75835	20.694	ug/l	99
70) Styrene	12.05	104	131209	20.905	ug/l	99
71) Bromoform	12.21	173	21018	20.959	ug/l	# 100
73) Isopropylbenzene	12.33	105	203140	20.054	ug/l	98
74) N-amyl acetate	12.14	43	65061	20.898	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	44755	20.488	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	33858m	21.503	ug/l	
77) Bromobenzene	12.61	156	44393	20.684	ug/l	96
78) n-propylbenzene	12.67	91	254730	20.383	ug/l	100
79) 2-Chlorotoluene	12.76	91	138275	20.027	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	171929	20.617	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	15656	20.085	ug/l	96
82) 4-Chlorotoluene	12.86	91	146353	20.358	ug/l	99
83) tert-Butylbenzene	13.08	119	142155	20.524	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	168996	20.420	ug/l	99
85) sec-Butylbenzene	13.25	105	211359	20.702	ug/l	100
86) p-Isopropyltoluene	13.37	119	185213	21.030	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	86766	20.631	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87197	20.437	ug/l	97
89) n-Butylbenzene	13.70	91	189273	20.715	ug/l	100
90) Hexachloroethane	13.96	117	33850	20.374	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	78601	20.572	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7060	20.711	ug/l	97

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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	53258	21.494	ug/l	100
94) Hexachlorobutadiene	15.11	225	25967	21.495	ug/l	97
95) Naphthalene	15.24	128	121944	20.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	46641	21.367	ug/l	99

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

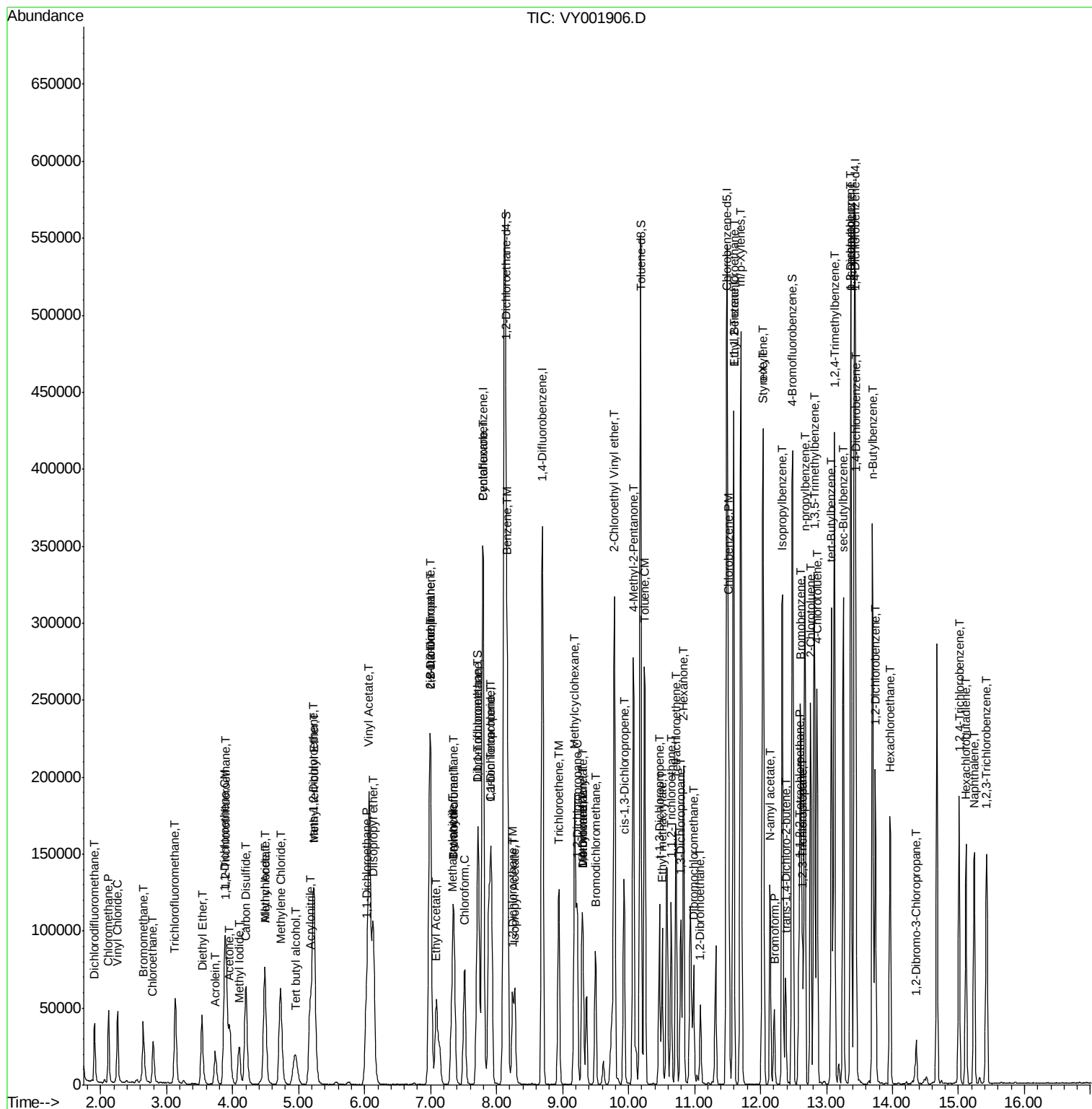
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Data File : VY001906.D
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Operator : SY/MD
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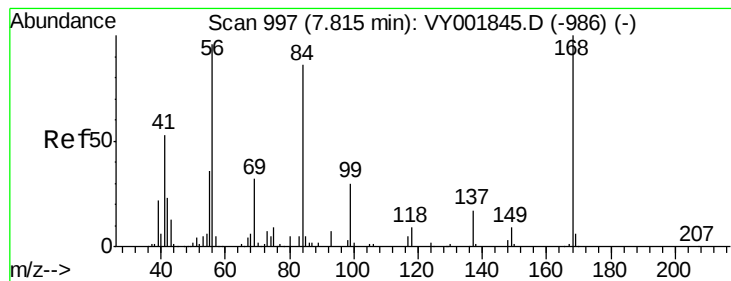
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:168 Resp: 170978

Ion Ratio Lower Upper

168 100

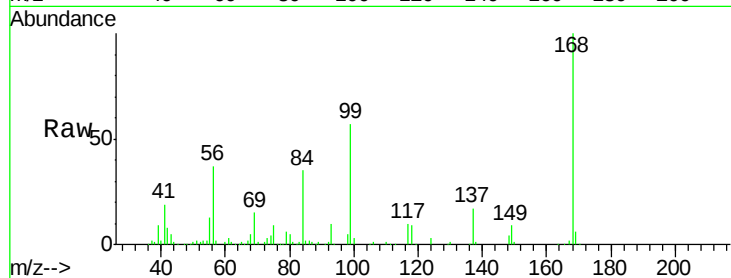
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Manual Integrations

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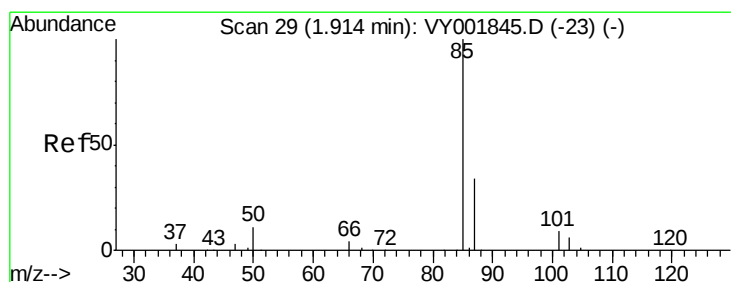
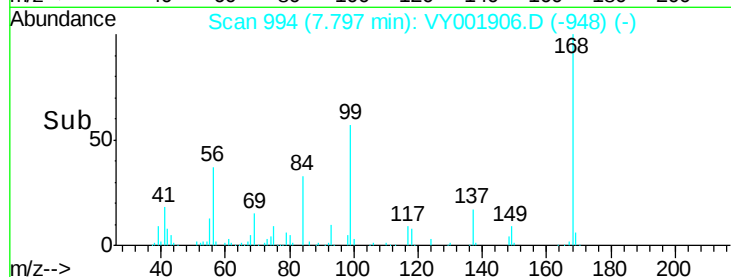
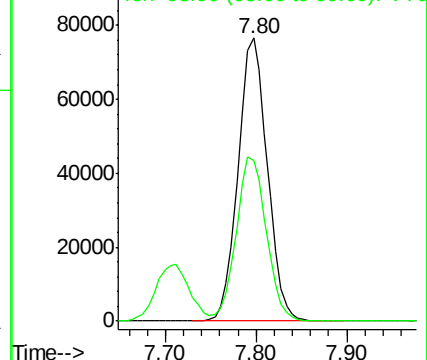
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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 20.039 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001906.D

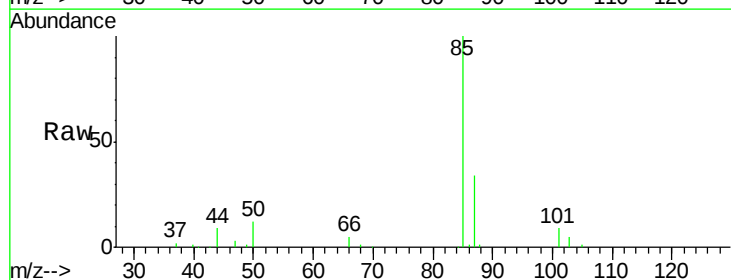
Acq: 09 Mar 2020 13:02

Tgt Ion: 85 Resp: 31626

Ion Ratio Lower Upper

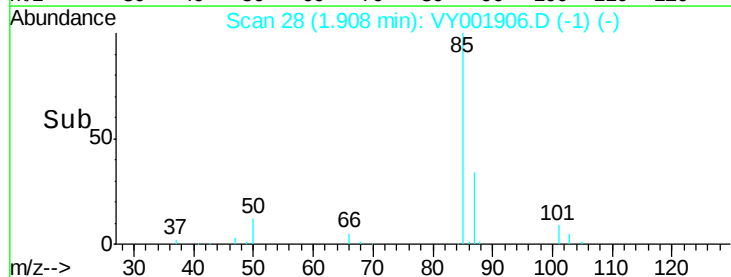
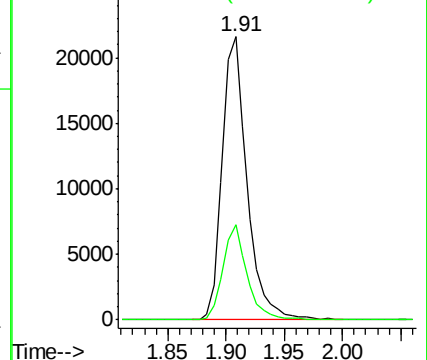
85 100

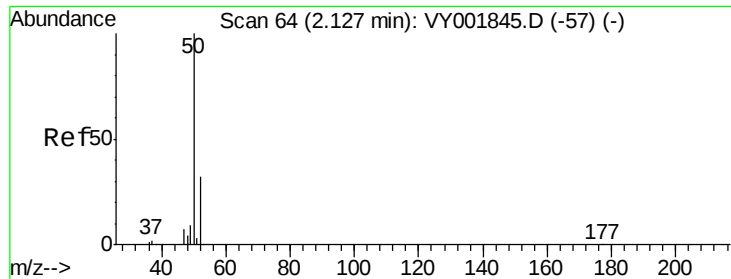
87 33.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 20.990 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 50 Resp: 44664

Ion Ratio Lower Upper

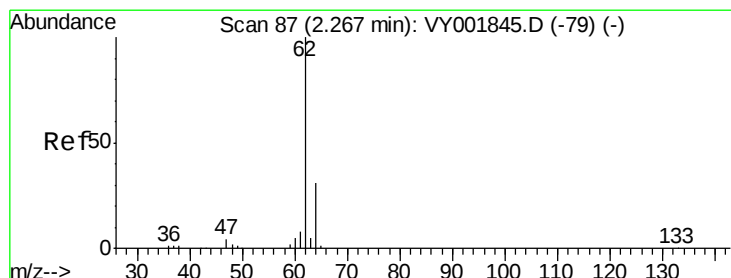
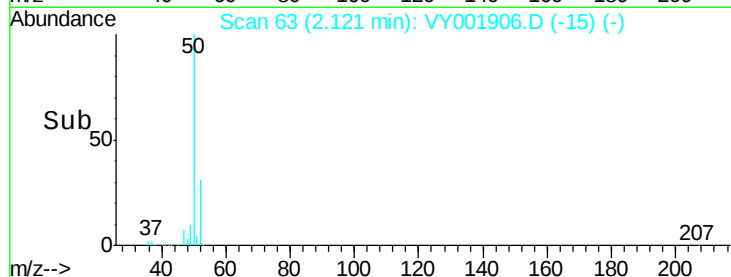
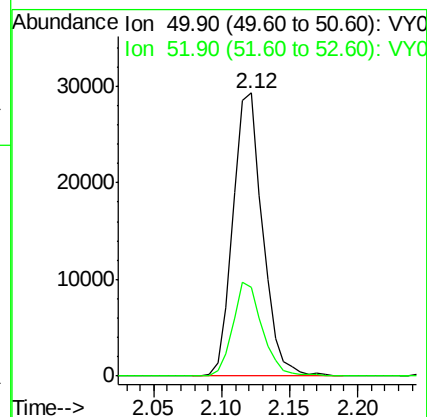
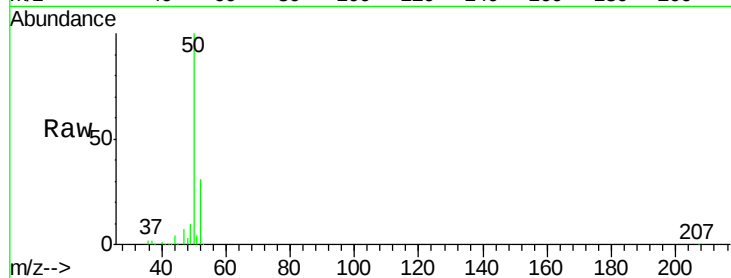
50 100

52 31.2 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.161 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001906.D

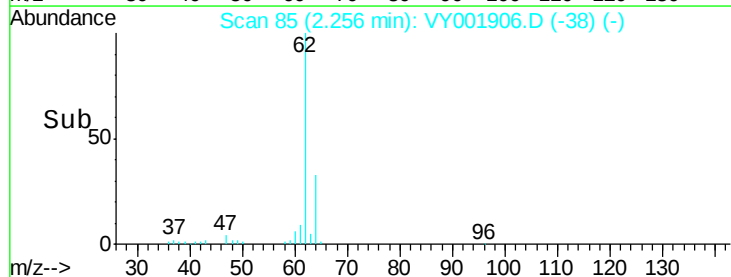
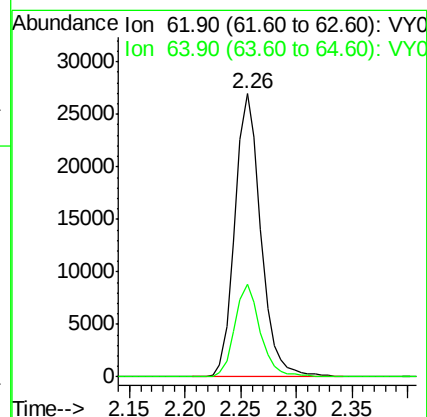
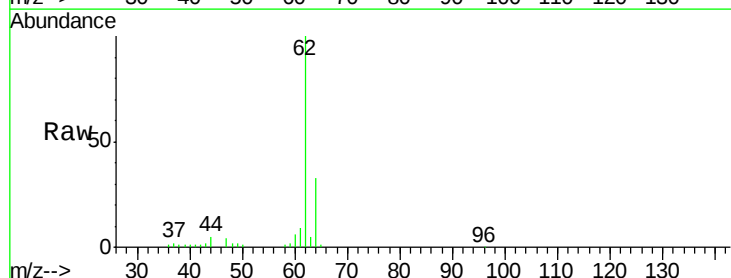
Acq: 09 Mar 2020 13:02

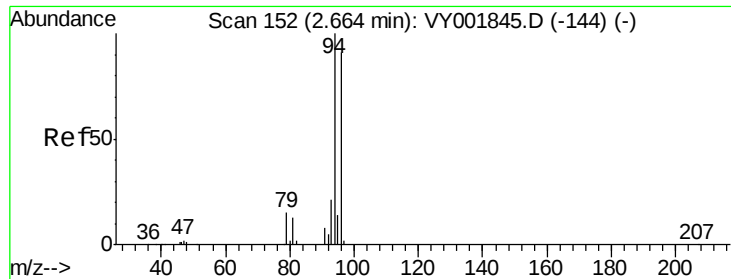
Tgt Ion: 62 Resp: 43636

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 19.756 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 94 Resp: 29450

Ion Ratio Lower Upper

94 100

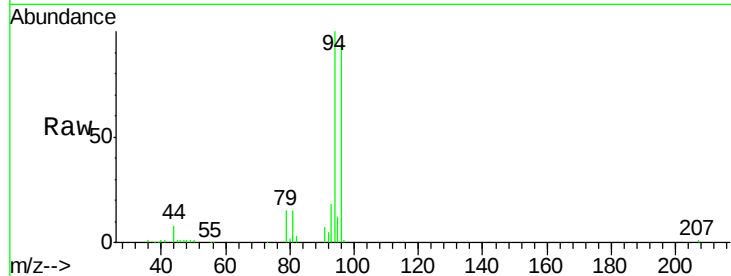
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Manual Integrations

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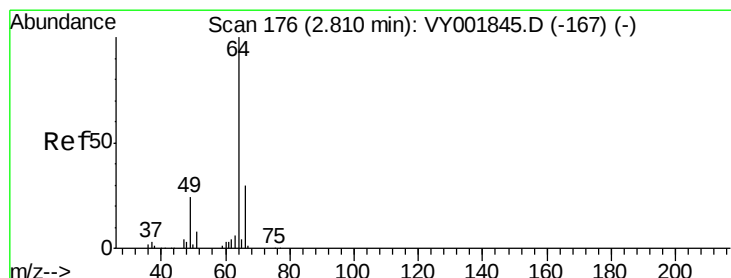
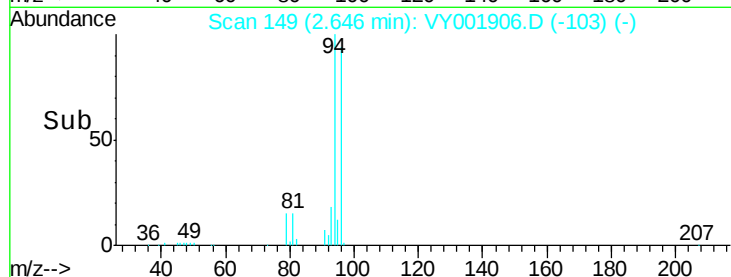
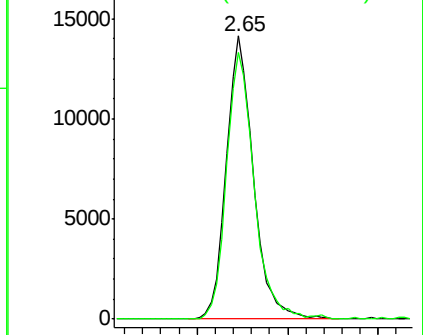
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.679 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.02 min

Lab File: VY001906.D

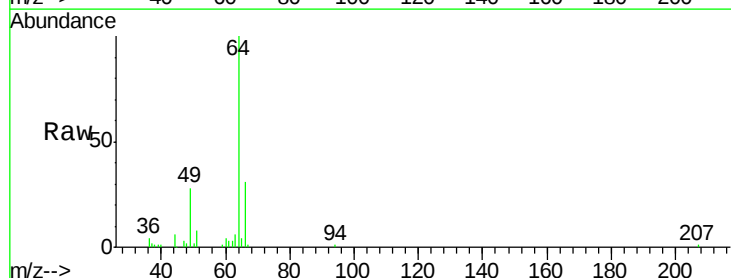
Acq: 09 Mar 2020 13:02

Tgt Ion: 64 Resp: 28115

Ion Ratio Lower Upper

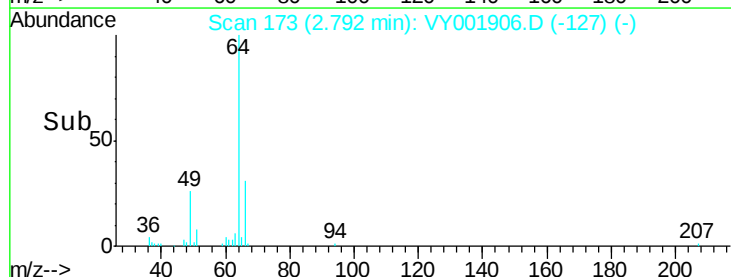
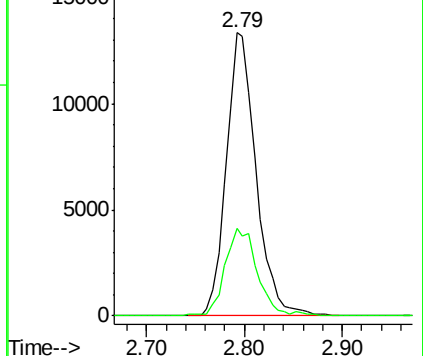
64 100

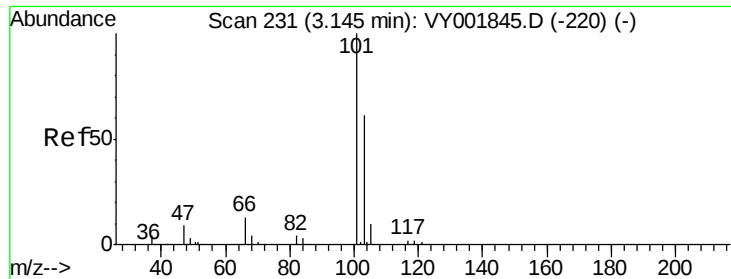
66 31.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

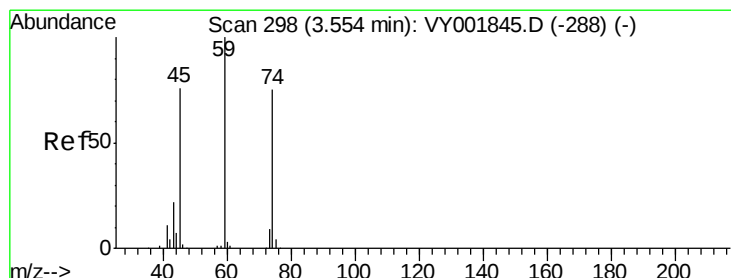
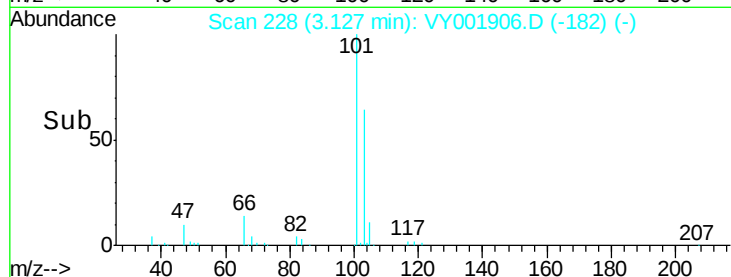
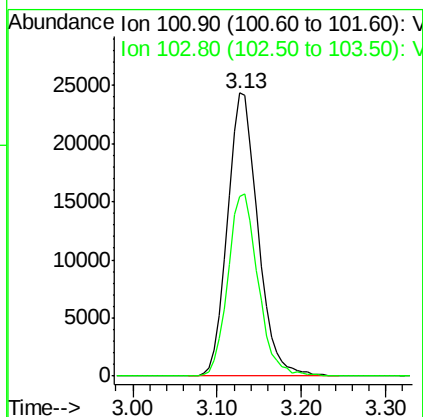
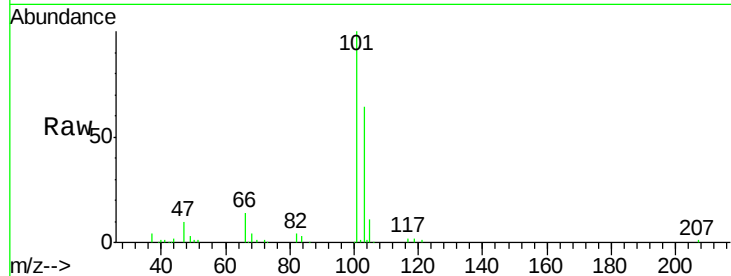
Trichlorofluoromethane
Concen: 20.358 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.02 min
Lab File: VY001906.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	59756		
103	63.5	49.1	73.7	

Manual Integrations
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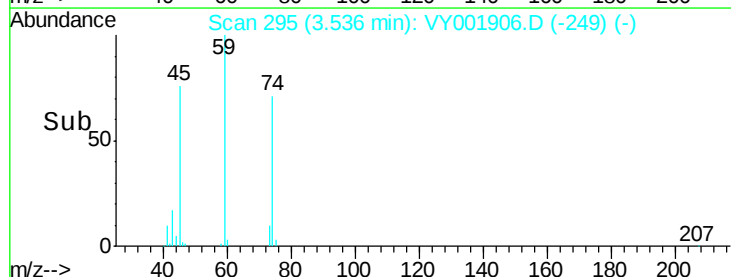
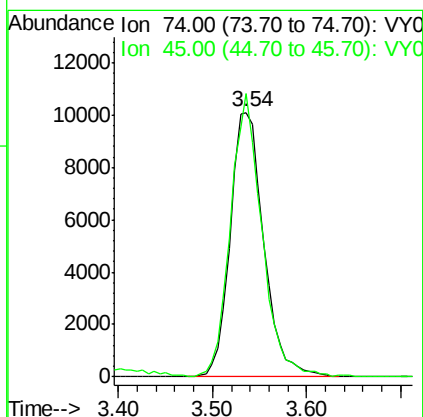
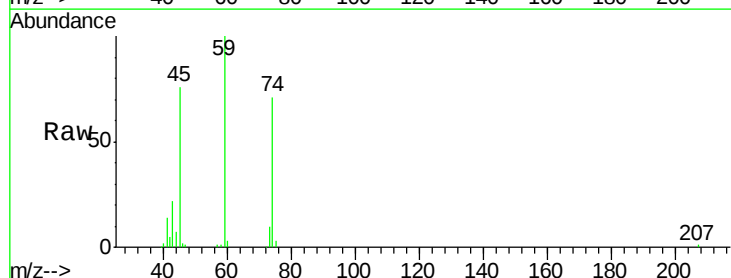
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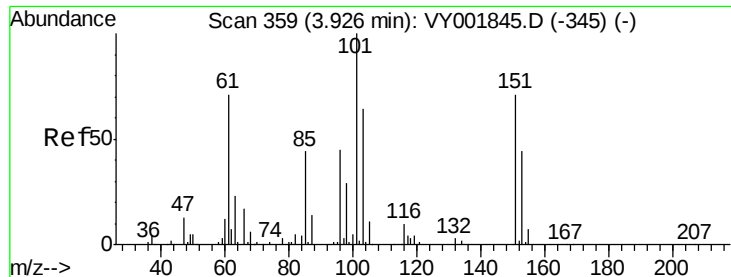


#8

Diethyl Ether
Concen: 21.619 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	25011		
45	100.6	50.5	151.5	





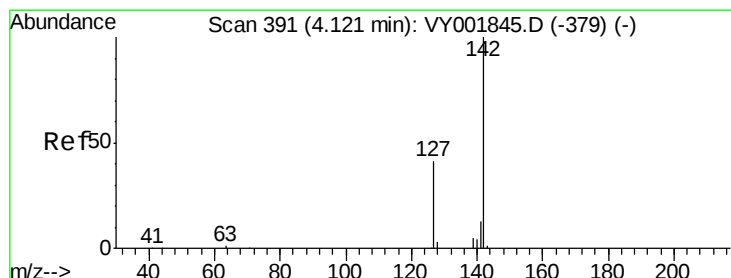
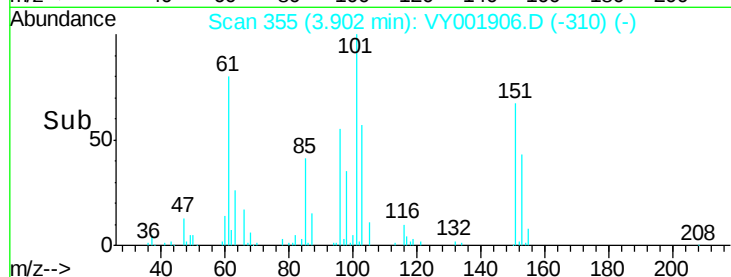
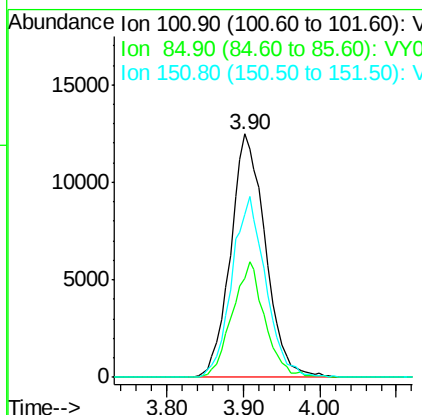
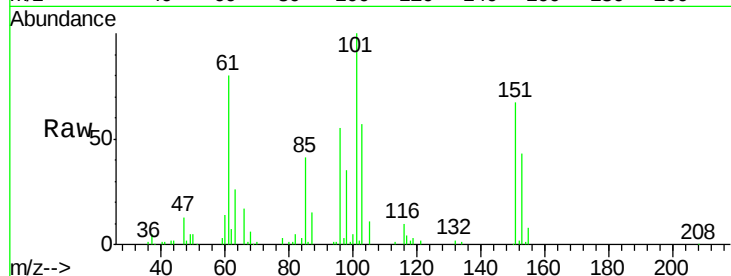
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.816 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.3	52.9
151	72.2	57.0	85.4

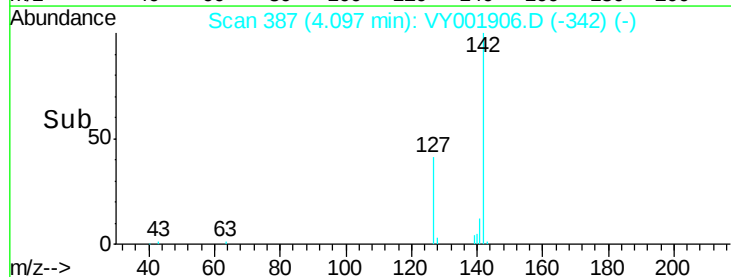
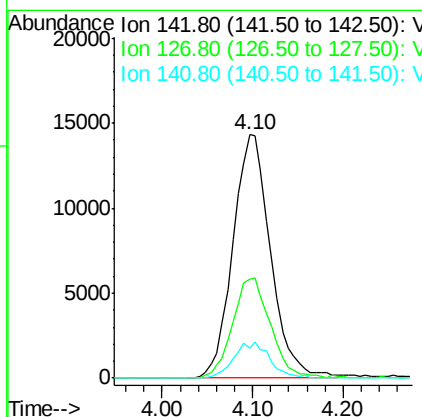
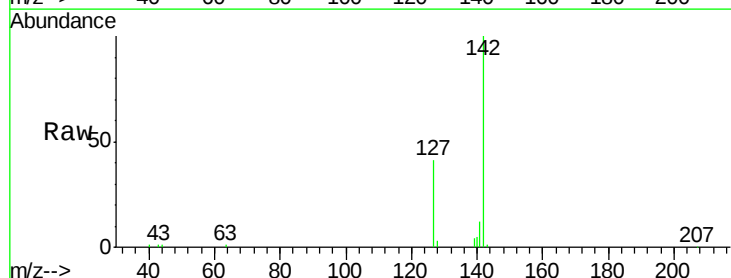
Manual Integrations
 APPROVED

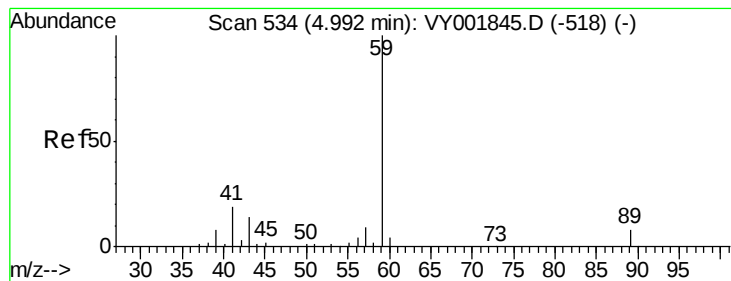
MMDadoda
 3/10/2020 2:56:45 PM



#10
 Methyl Iodide
 Concen: 18.980 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.3	32.7	49.1
141	14.1	11.0	16.6





#11

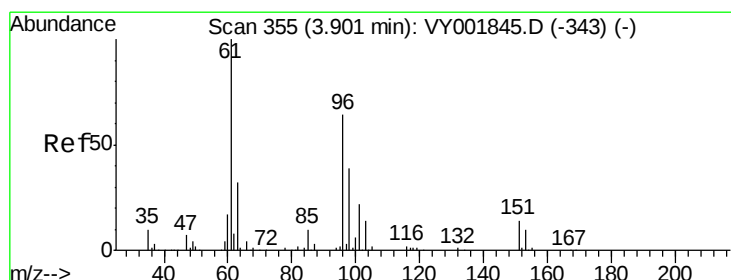
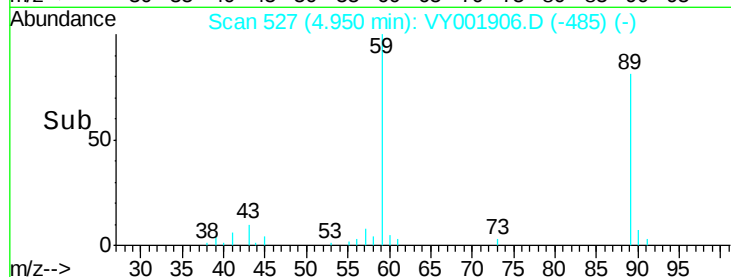
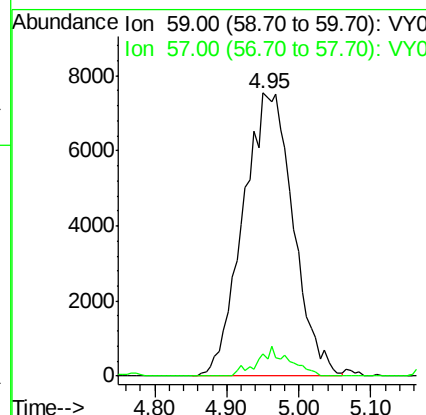
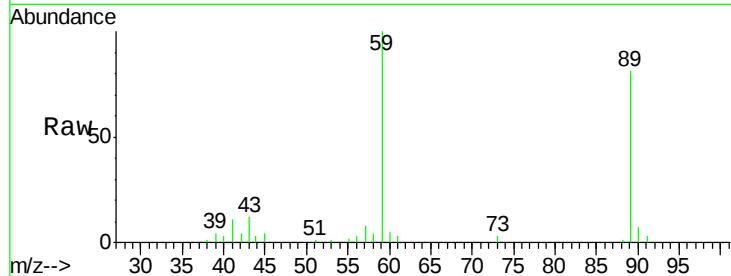
Tert butyl alcohol
 Concen: 186.089 ug/l
 RT: 4.95 min Scan# 527
 Delta R.T. -0.04 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion: 59 Resp: 36444
 Ion Ratio Lower Upper
 59 100
 57 6.1 7.4 11.2#

Manual Integrations
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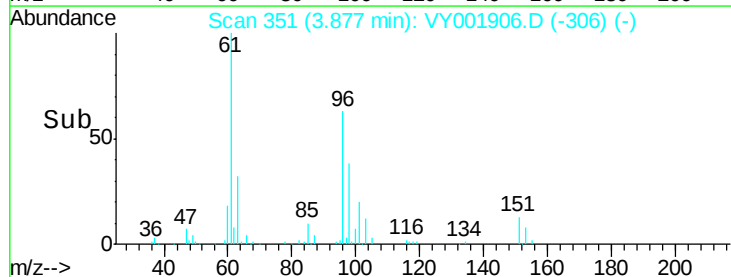
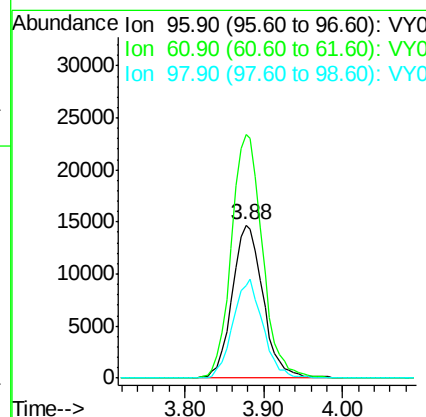
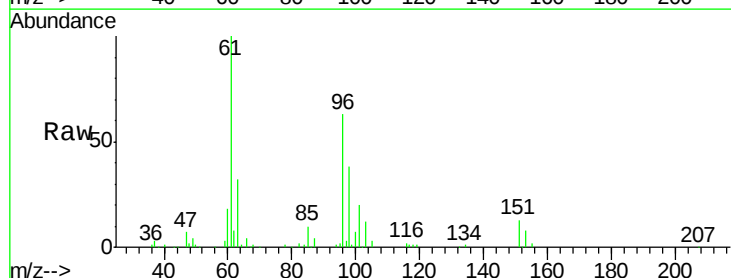
MMDadoda
 3/10/2020 2:56:45 PM

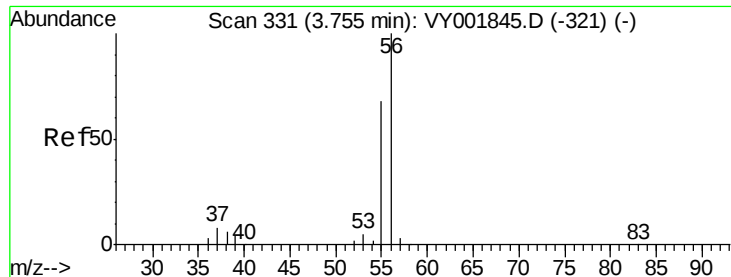


#12

1,1-Dichloroethene
 Concen: 21.091 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 96 Resp: 40094
 Ion Ratio Lower Upper
 96 100
 61 159.2 124.8 187.2
 98 60.3 49.2 73.8





#13

Acrolein

Concen: 103.069 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 56 Resp: 26437

Ion Ratio Lower Upper

56 100

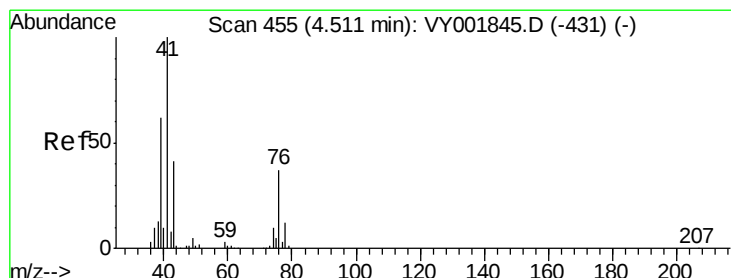
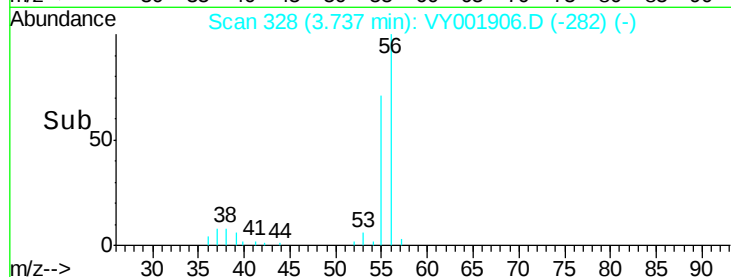
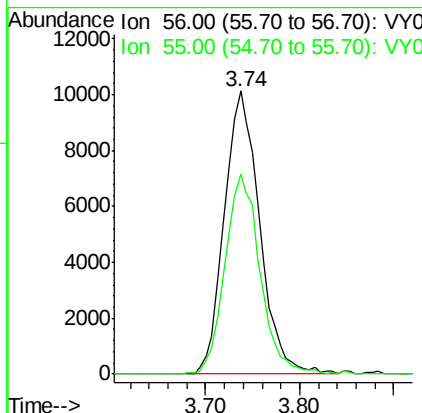
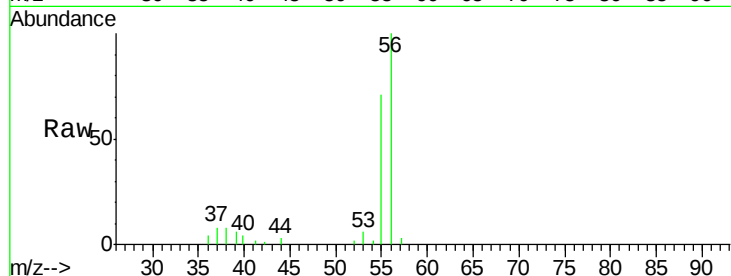
55 69.7 54.0 81.0

Manual Integrations

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MMDadoda

3/10/2020 2:56:45 PM



#14

Allyl chloride

Concen: 20.965 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

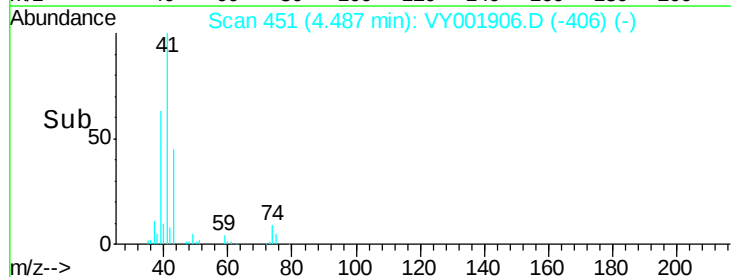
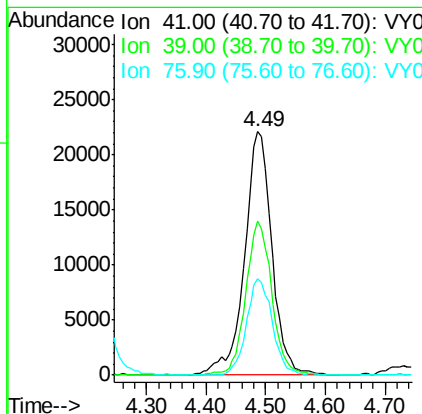
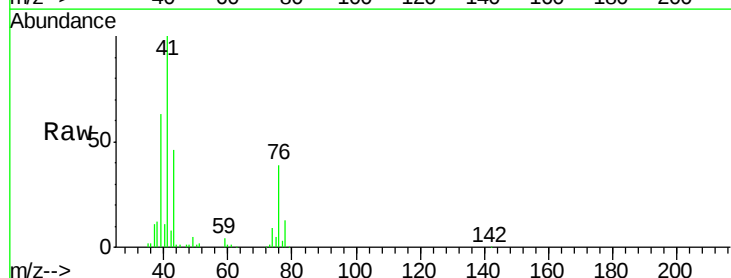
Tgt Ion: 41 Resp: 70653

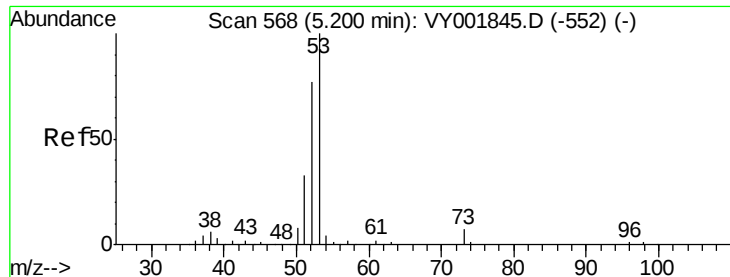
Ion Ratio Lower Upper

41 100

39 60.3 49.0 73.6

76 37.2 28.9 43.3





#15

Acrylonitrile

Concen: 106.890 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

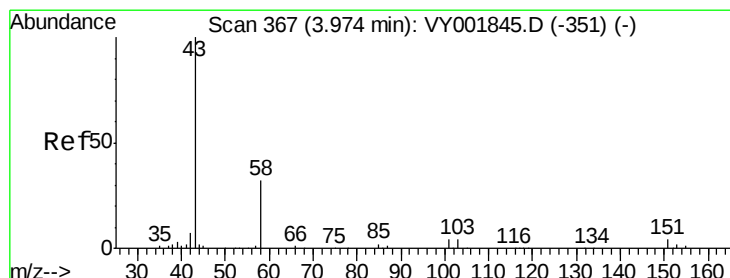
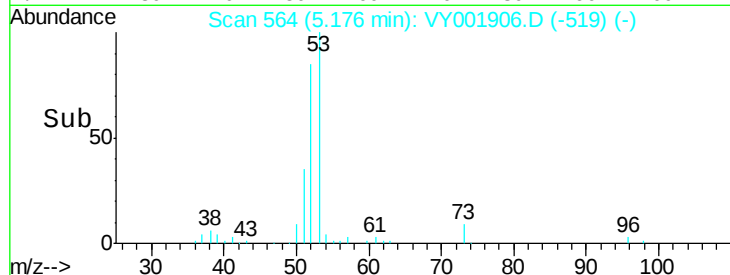
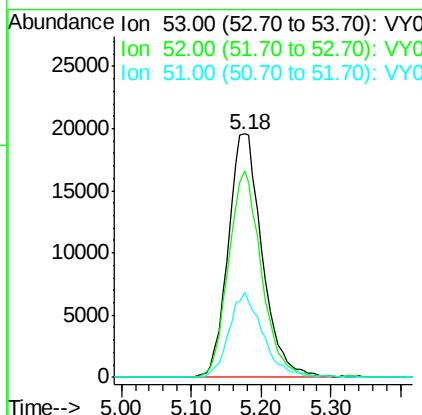
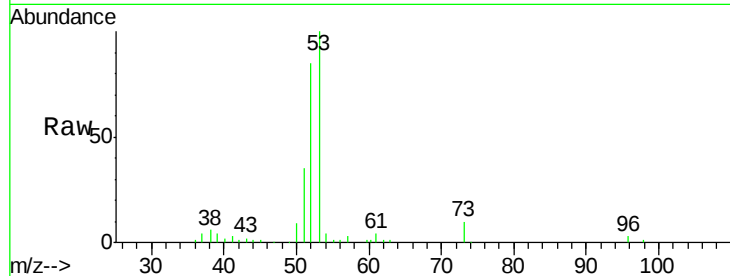
ClientSampled :

VY0309SBS01

Tot Ion:	53	Resp:	66080
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.1	97.7
51	34.5	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 103.992 ug/l

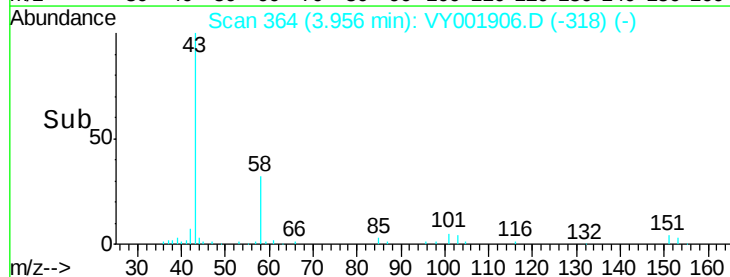
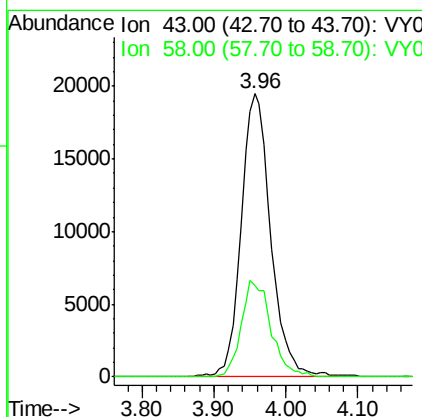
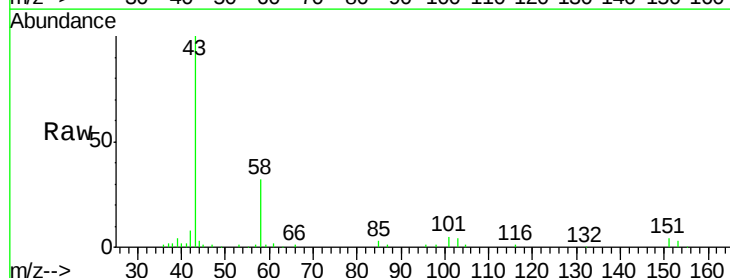
RT: 3.96 min Scan# 364

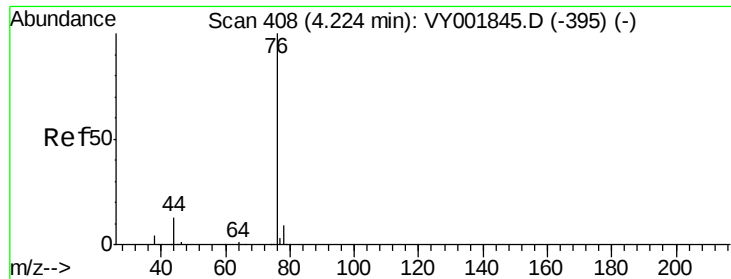
Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion:	43	Resp:	55286
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.9	38.9





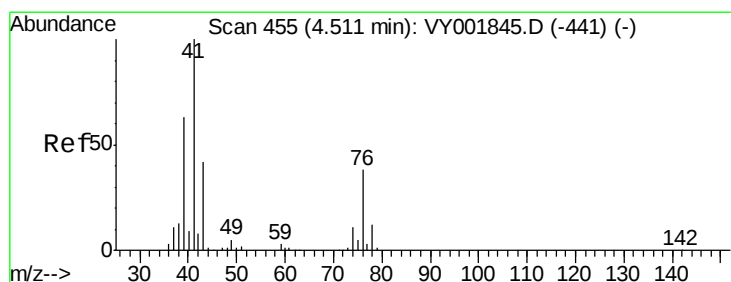
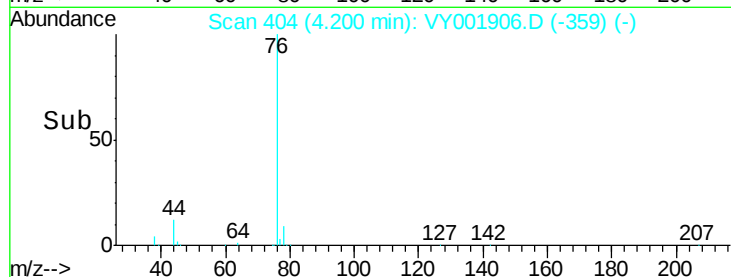
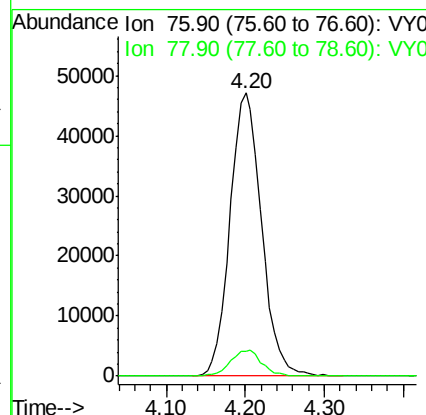
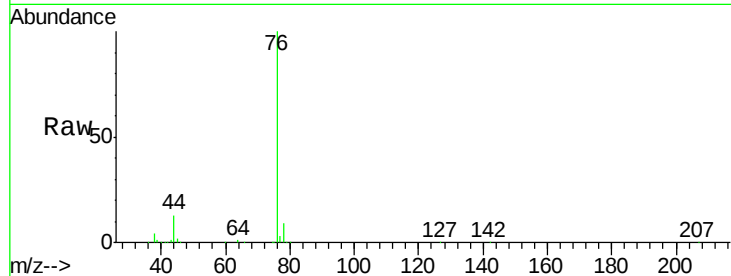
#17
Carbon Disulfide
Concen: 20.489 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

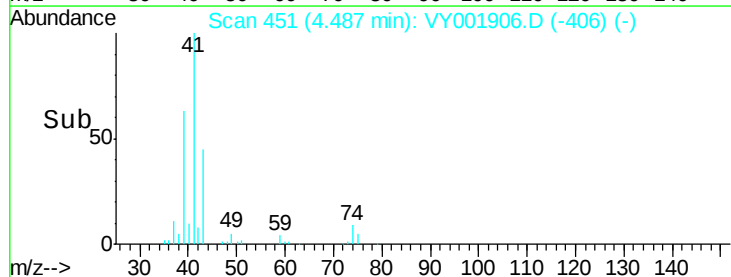
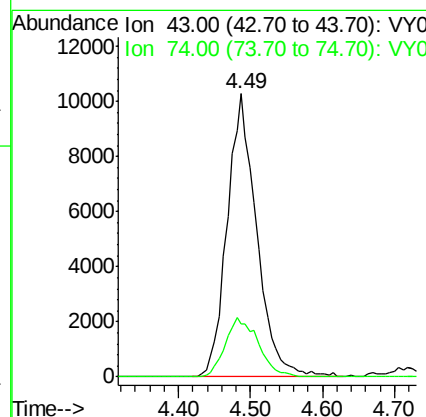
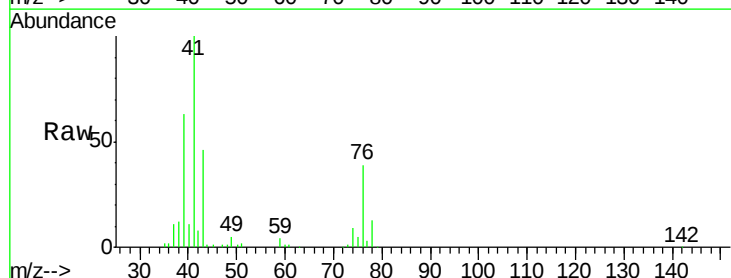
Manual Integrations
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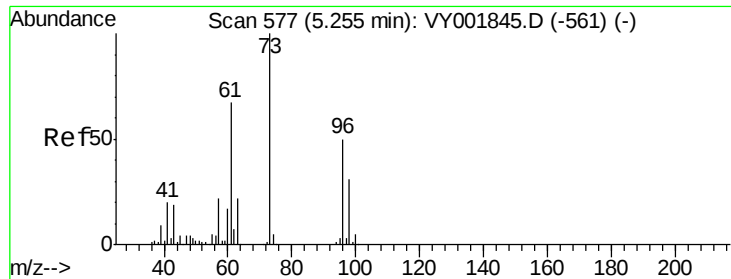
MMDadoda
3/10/2020 2:56:45 PM



#18
Methyl Acetate
Concen: 21.466 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.0	28.6





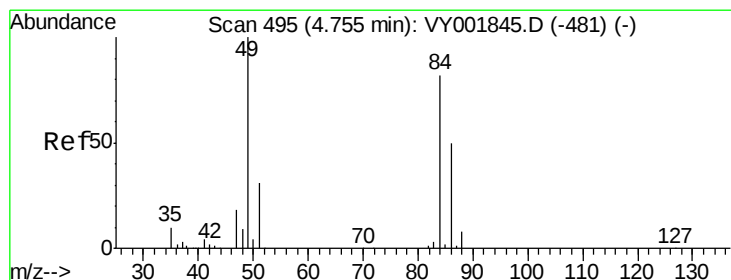
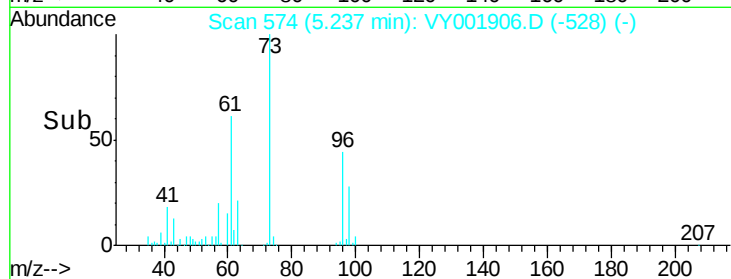
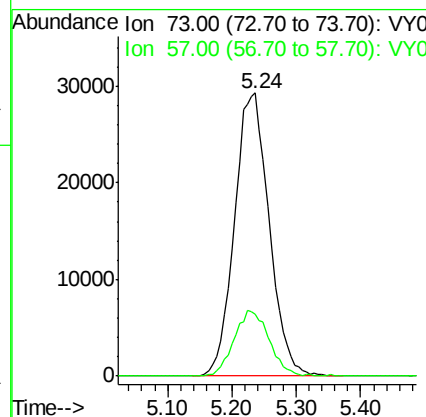
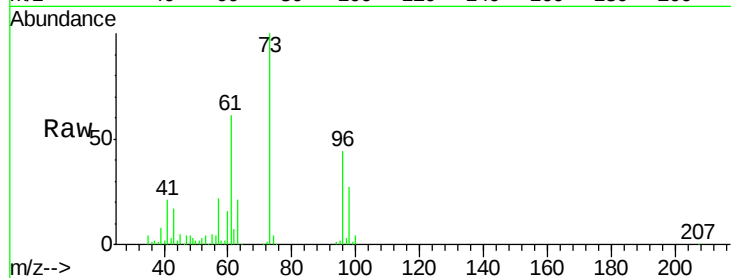
#19
Methyl tert-butyl Ether
Concen: 21.236 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion: 73 Resp: 109395
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2

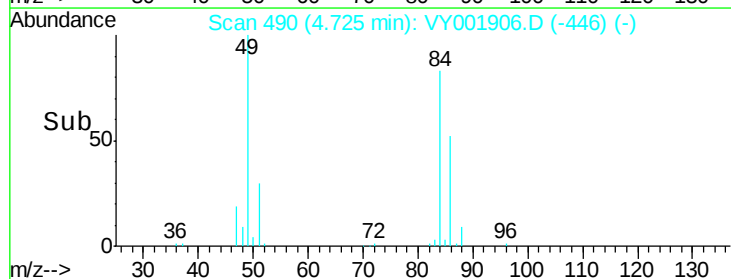
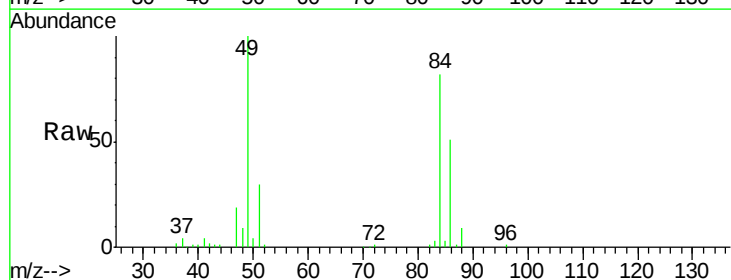
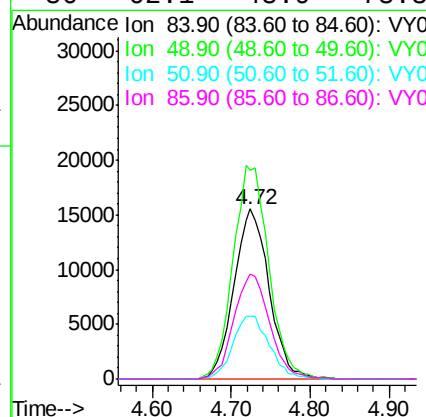
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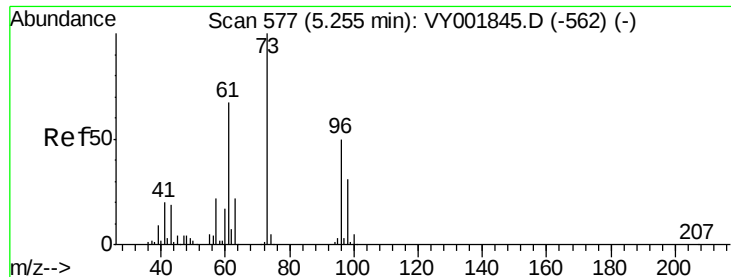
MMDadoda
3/10/2020 2:56:45 PM



#20
Methylene Chloride
Concen: 21.133 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 84 Resp: 48151
Ion Ratio Lower Upper
84 100
49 122.6 98.2 147.2
51 37.0 30.2 45.2
86 62.1 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.791 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

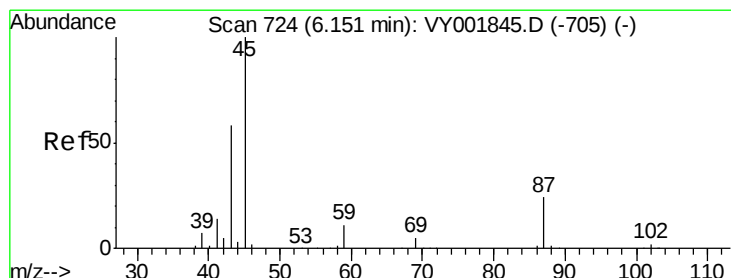
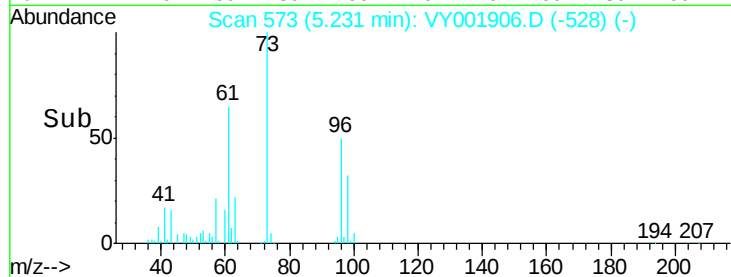
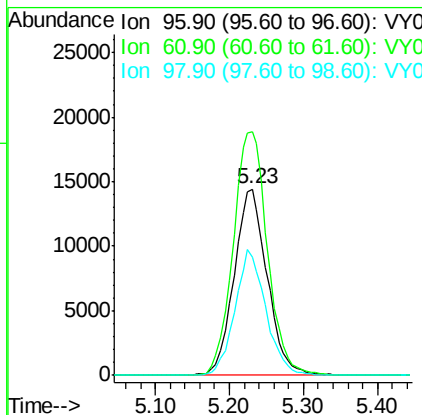
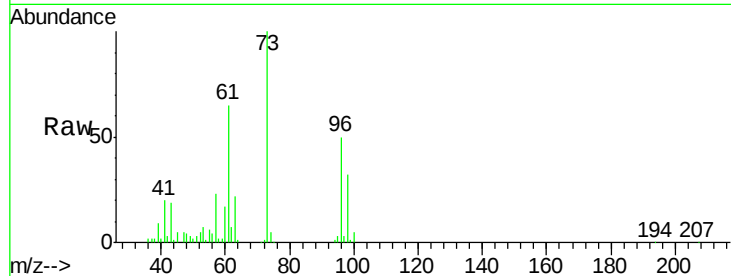
ClientSampleId :

VY0309SBS01

Tot Ion:	96	Resp:	44860
Ion	Ratio	Lower	Upper
96	100		
61	130.6	107.7	161.5
98	63.1	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.747 ug/l

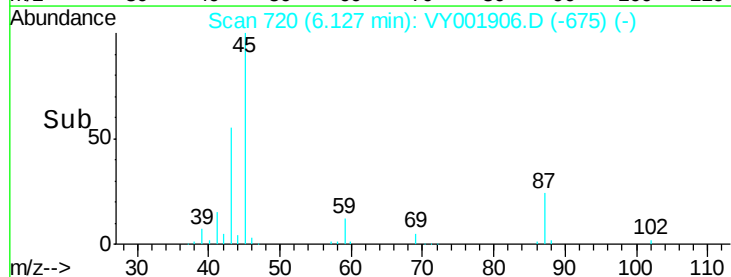
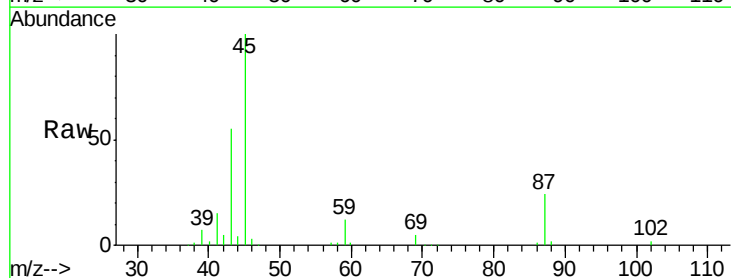
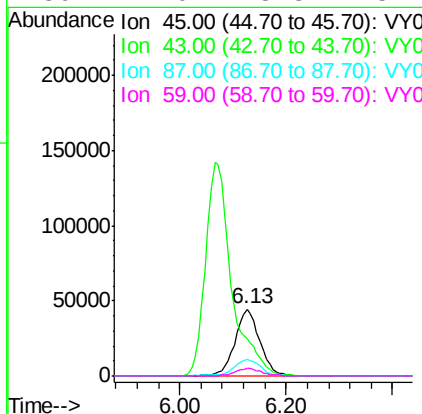
RT: 6.13 min Scan# 720

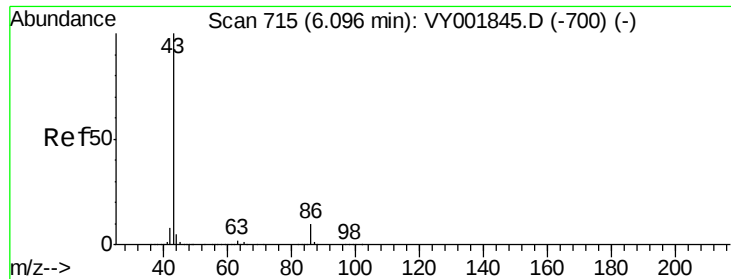
Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion:	45	Resp:	143318
Ion	Ratio	Lower	Upper
45	100		
43	54.7	47.2	70.8
87	24.4	19.8	29.8
59	12.0	8.8	13.2





#23

Vinyl Acetate

Concen: 106.090 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.03 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 43 Resp: 480447

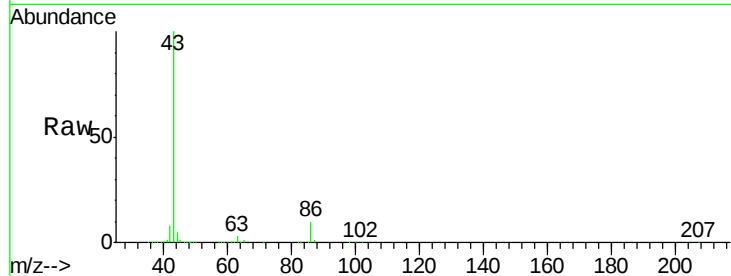
Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.8

Manual Integrations
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3/10/2020 2:56:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

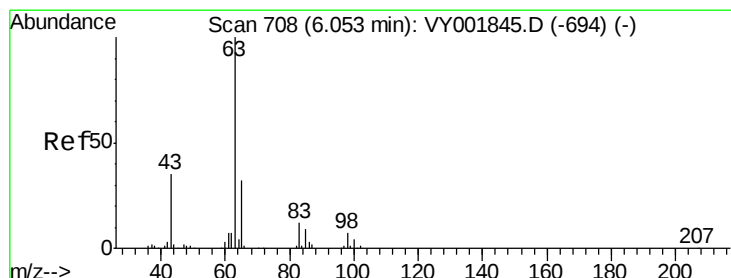
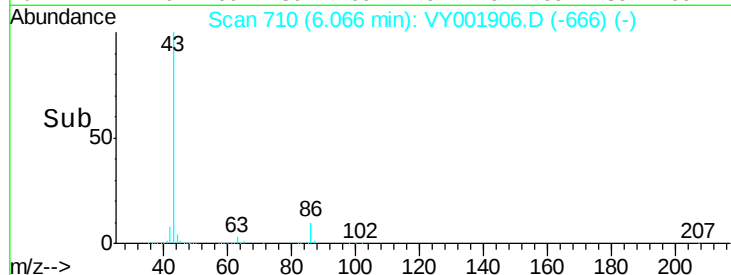
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.629 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

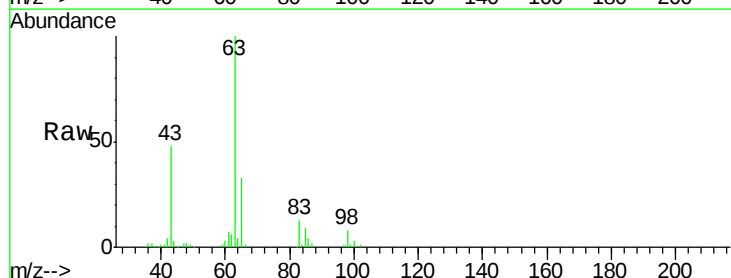
Tgt Ion: 63 Resp: 77172

Ion Ratio Lower Upper

63 100

98 8.1 3.4 10.2

100 3.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

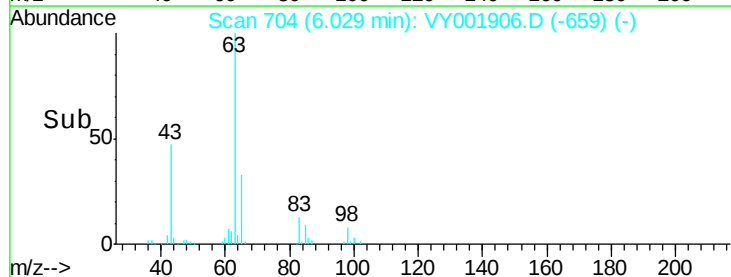
30000

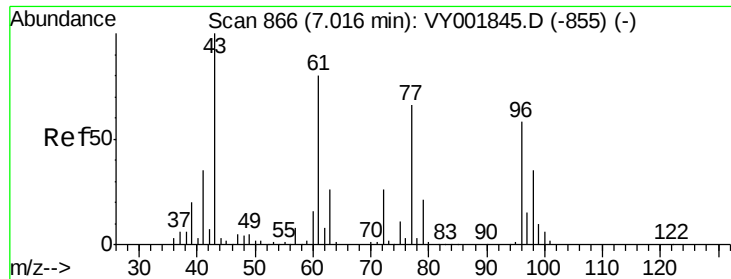
20000

10000

0

Time-->





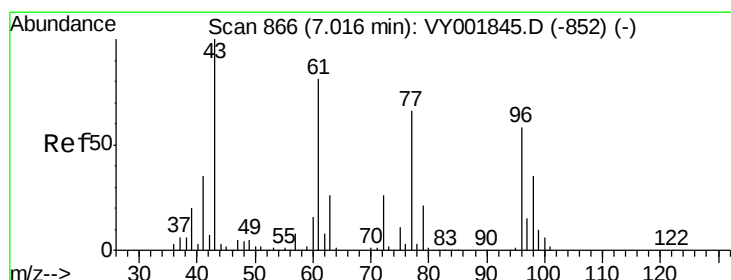
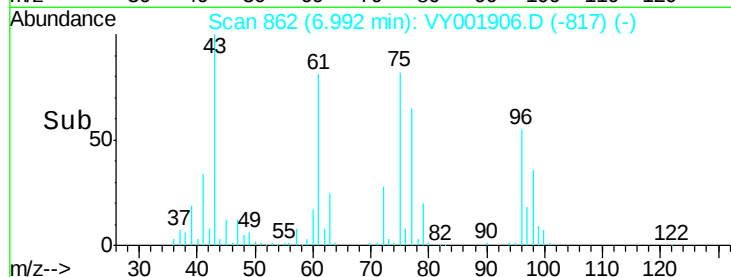
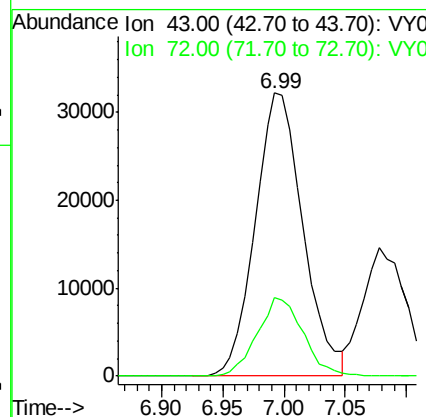
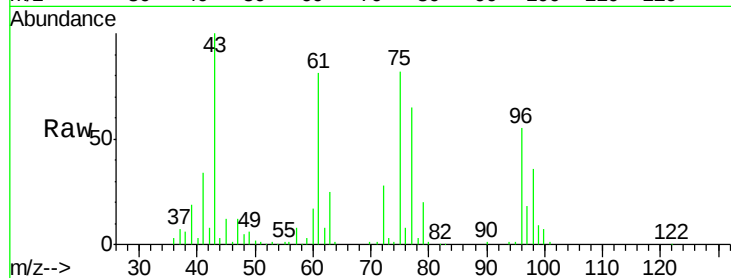
#25
2-Butanone
Concen: 108.406 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion: 43 Resp: 87644
Ion Ratio Lower Upper
43 100
72 28.0 20.9 31.3

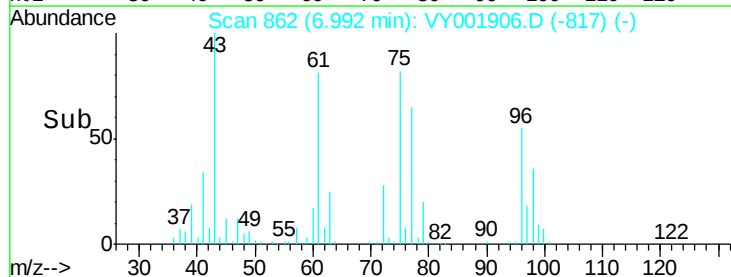
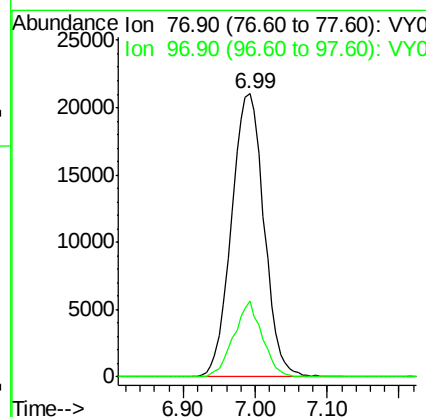
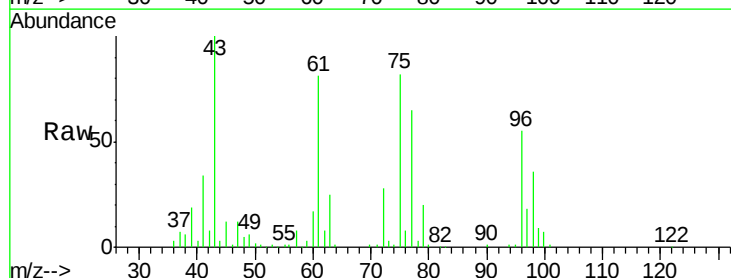
Manual Integrations
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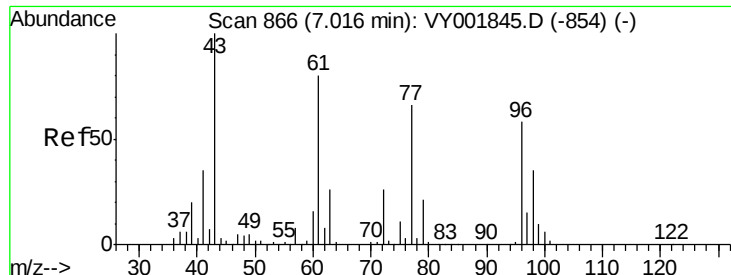
MMDadoda
3/10/2020 2:56:45 PM



#26
2,2-Dichloropropane
Concen: 21.466 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 77 Resp: 65909
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7





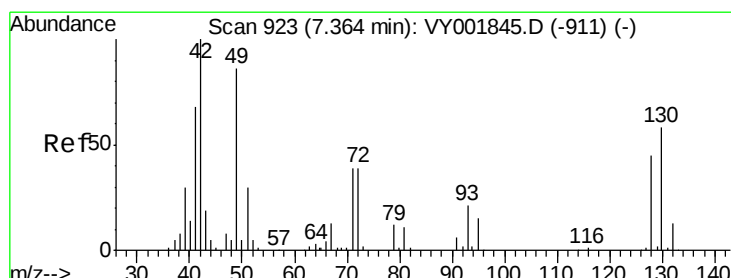
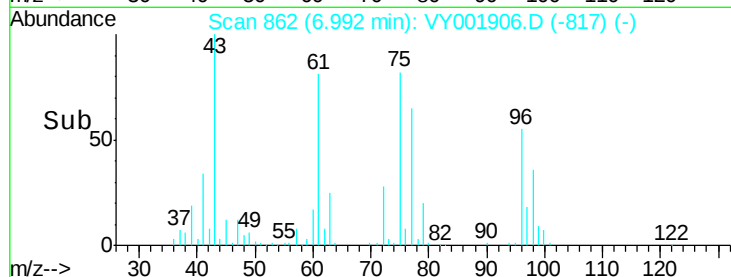
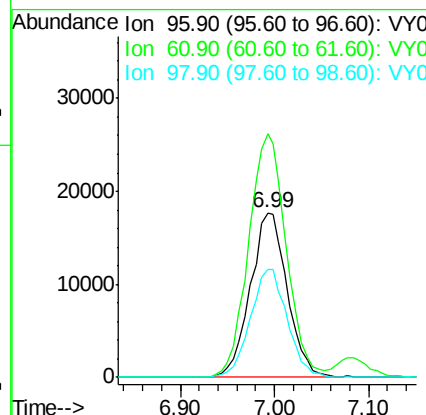
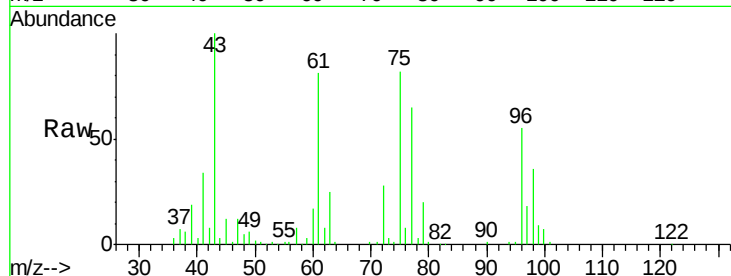
#27
 cis-1,2-Dichloroethene
 Concen: 20.676 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48528		
61	150.2	0.0	288.2	
98	65.6	0.0	129.0	

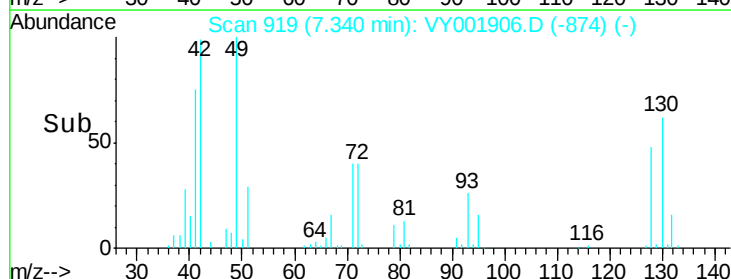
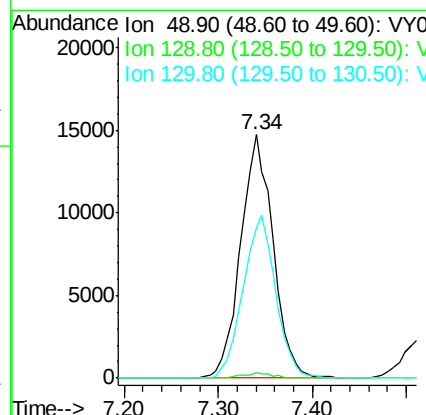
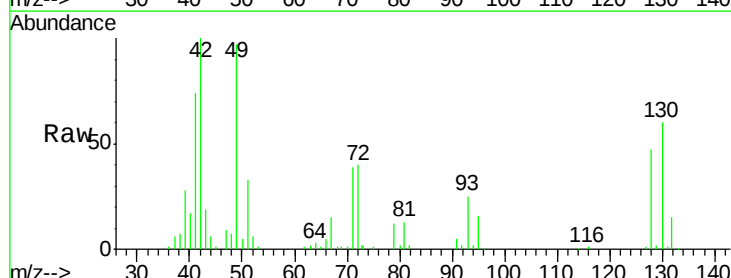
Manual Integrations
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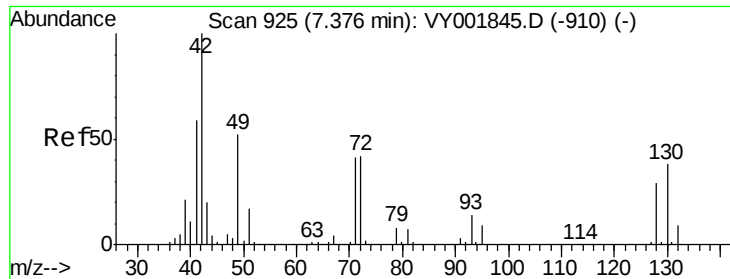
MMDadoda
 3/10/2020 2:56:45 PM



#28
 Bromochloromethane
 Concen: 21.015 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	35435		
129	1.8	0.0	3.8	
130	67.1	54.4	81.6	





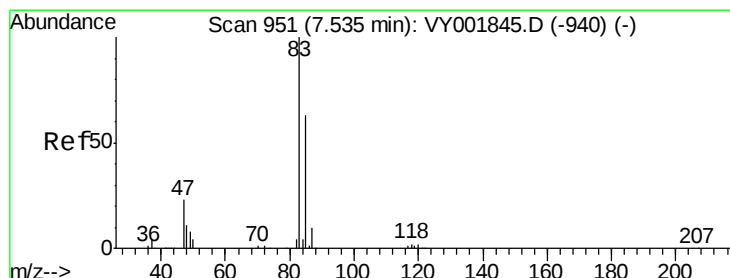
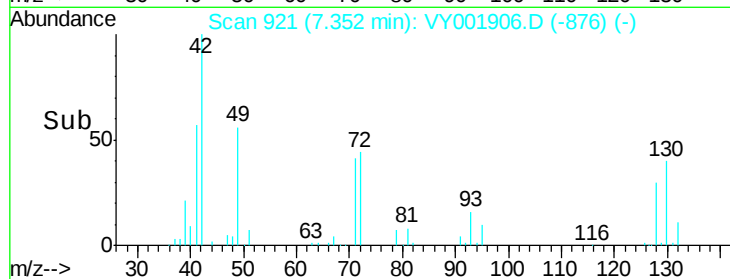
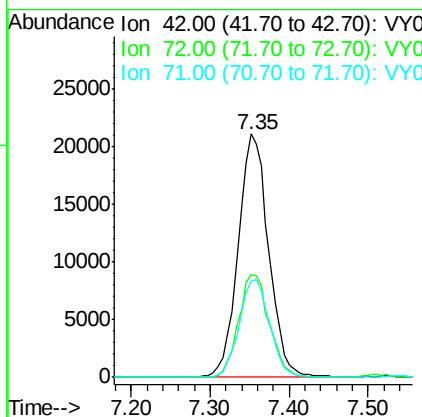
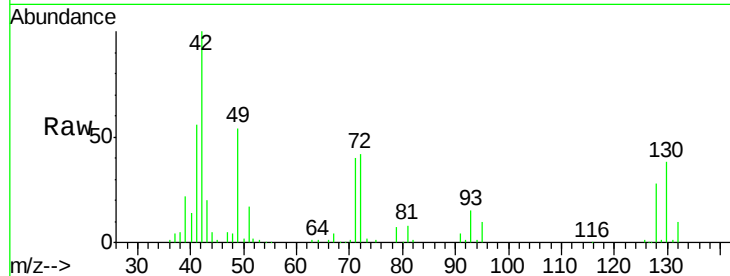
#29
Tetrahydrofuran
Concen: 105.379 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.5	50.3
71	40.3	31.3	46.9

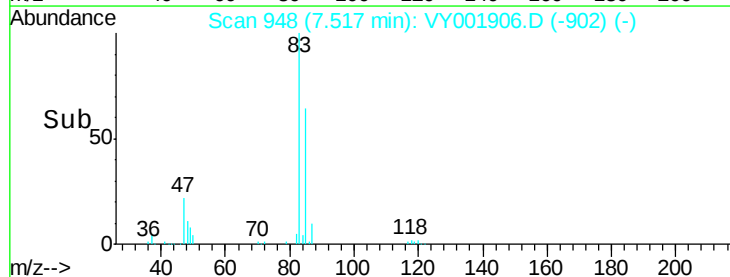
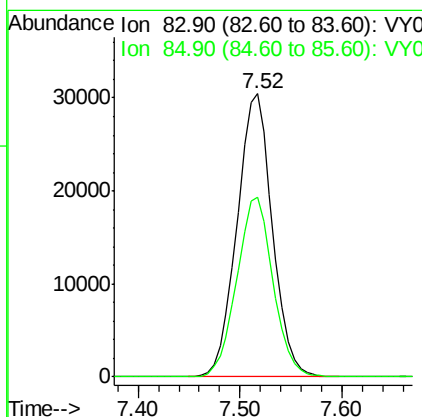
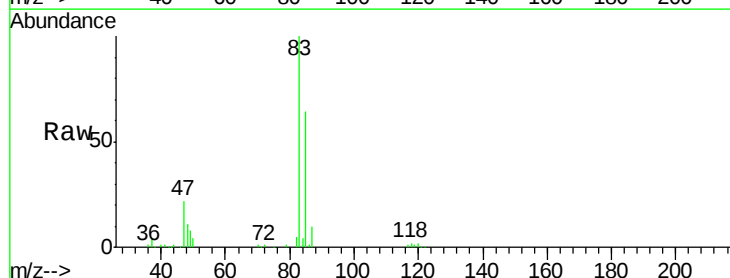
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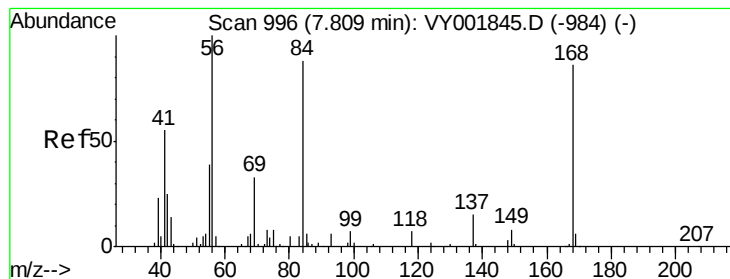
MMDadoda
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#30
Chloroform
Concen: 20.807 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1





#31

Cyclohexane

Concen: 20.453 ug/l

RT: 7.79 min Scan# 992

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 56 Resp: 82040

Ion Ratio Lower Upper

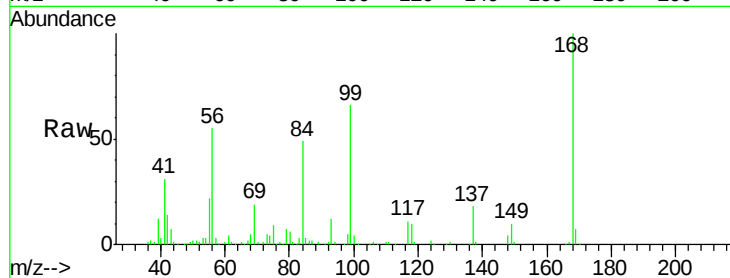
56 100

69 35.3 26.7 40.1

84 86.7 70.4 105.6

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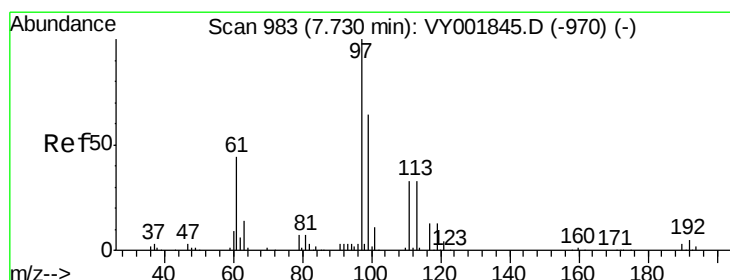
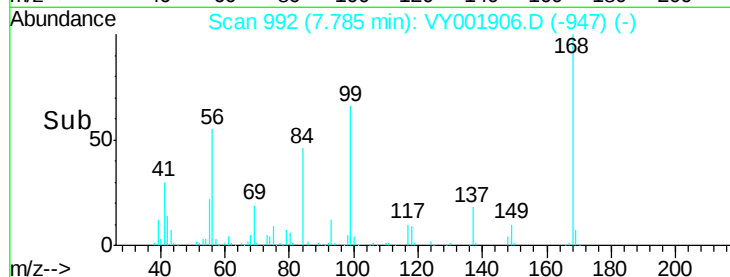
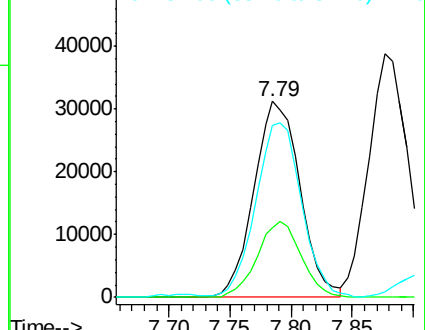


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.890 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

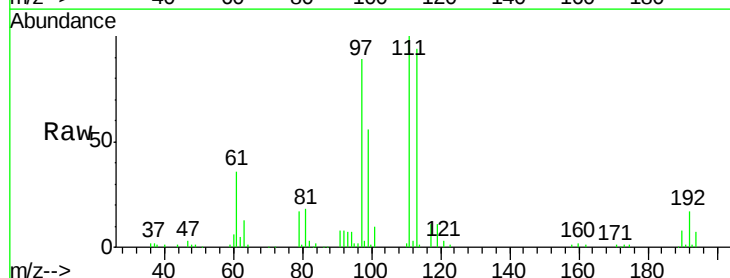
Tgt Ion: 97 Resp: 61884

Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

61 43.5 35.0 52.4

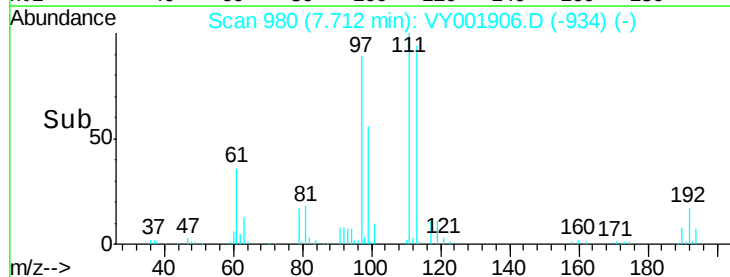
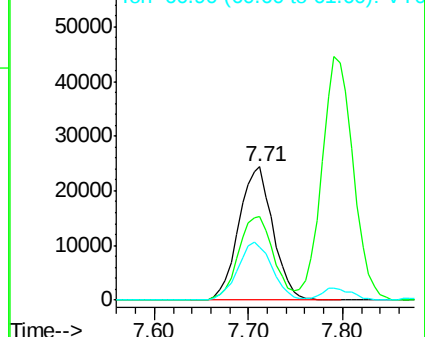


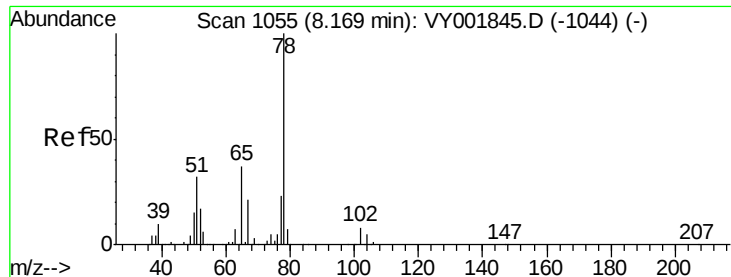
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





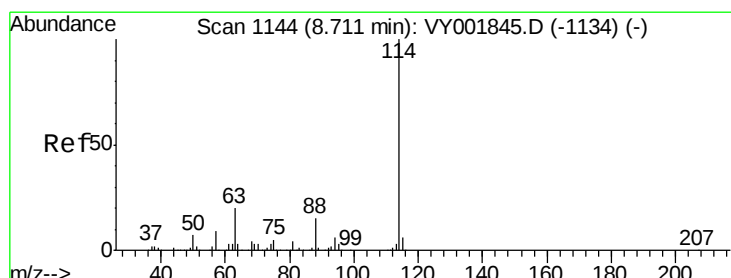
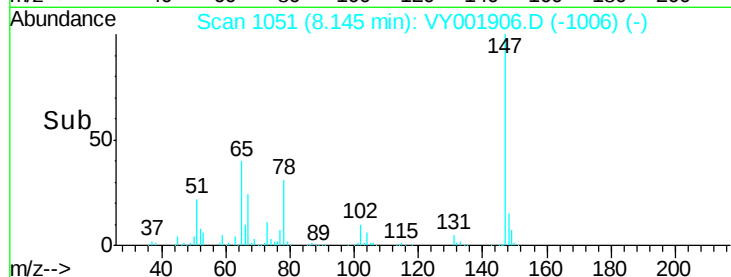
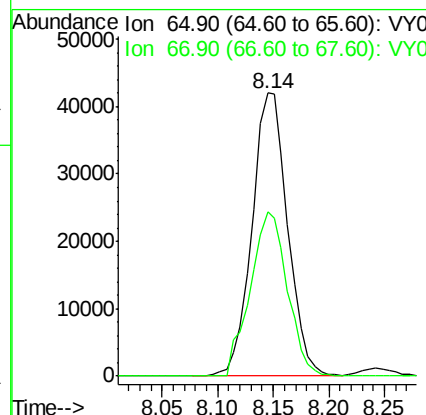
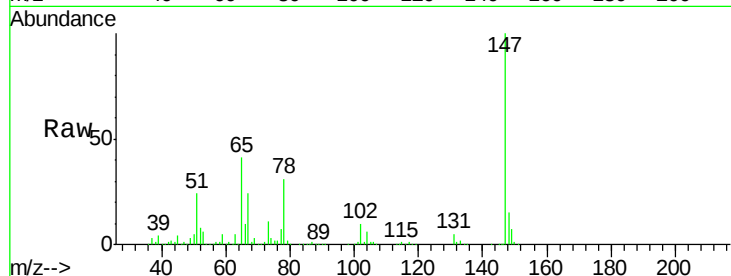
#33
 1,2-Dichloroethane-d4
 Concen: 51.341 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	93713		
67	60.4	0.0	110.8	

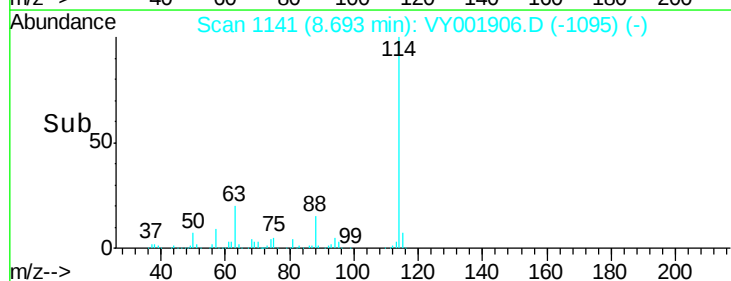
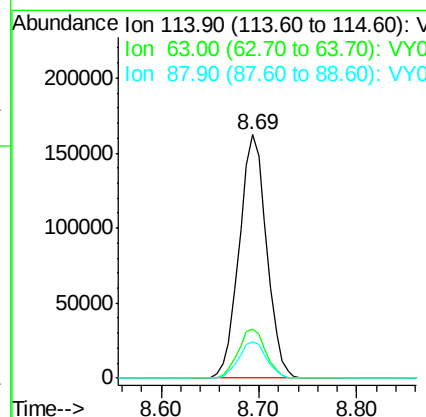
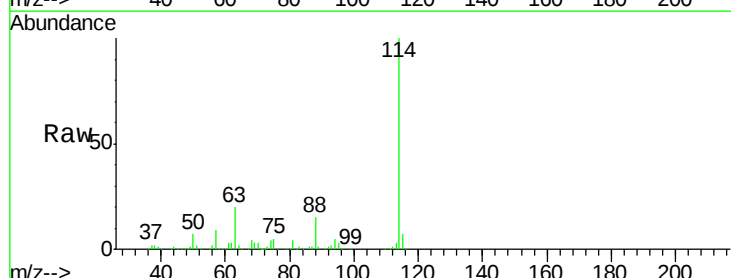
Manual Integrations
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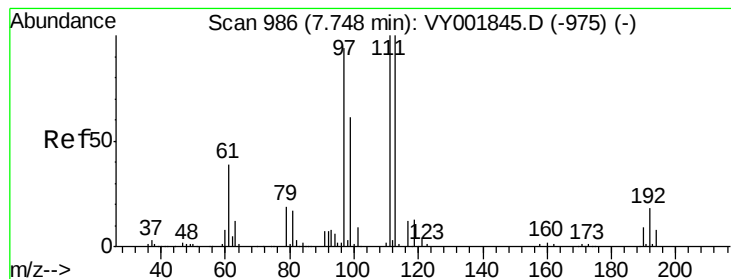
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	314268		
63	19.9	0.0	39.4	
88	15.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 50.217 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

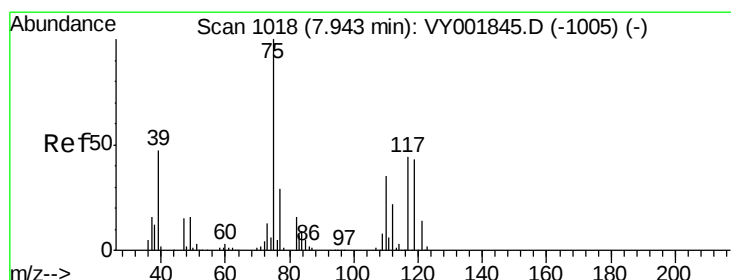
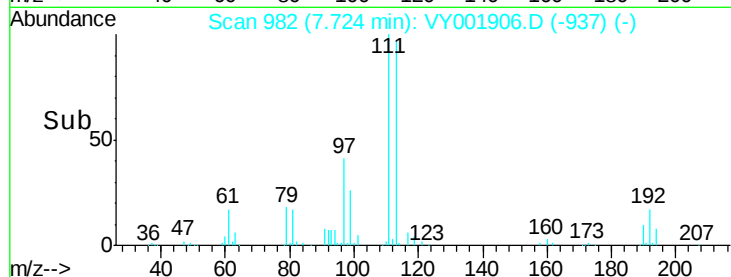
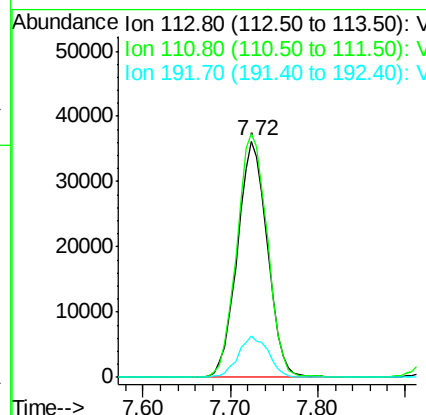
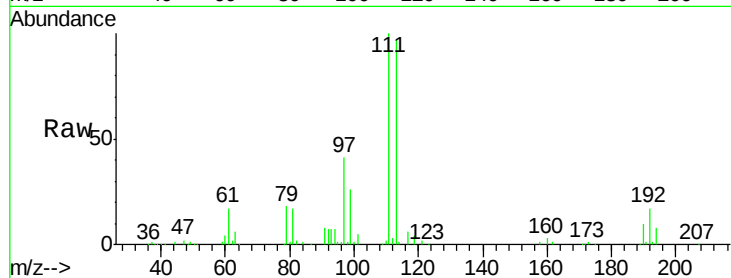
ClientSampleId :

VY0309SBS01

Tot Ion:	113	Resp:	86175
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.8	122.8
192	17.8	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 20.577 ug/l

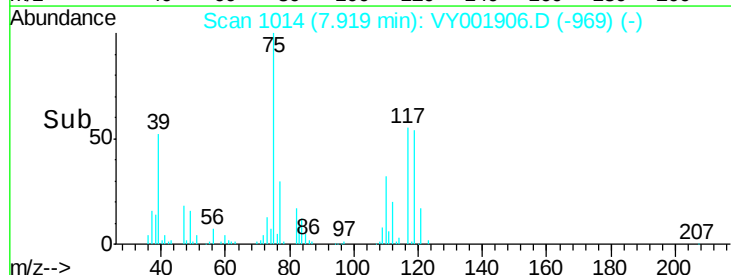
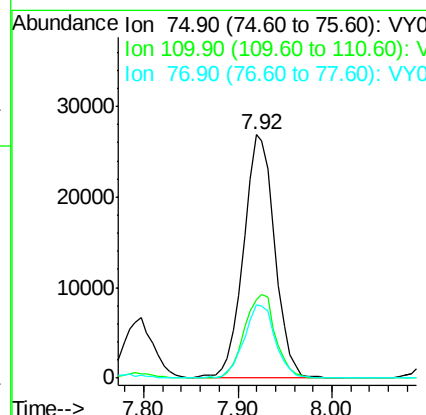
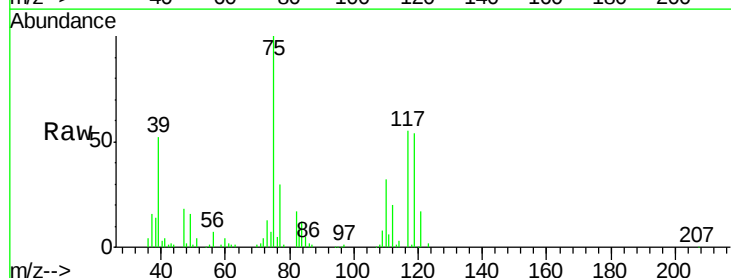
RT: 7.92 min Scan# 1014

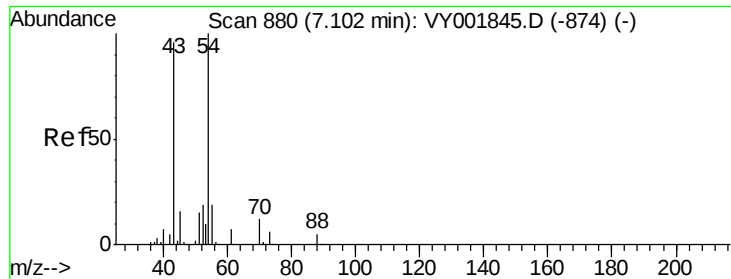
Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion:	75	Resp:	62230
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.4	52.2
77	30.3	24.2	36.2





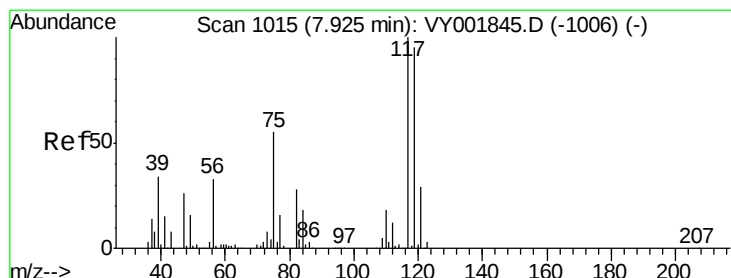
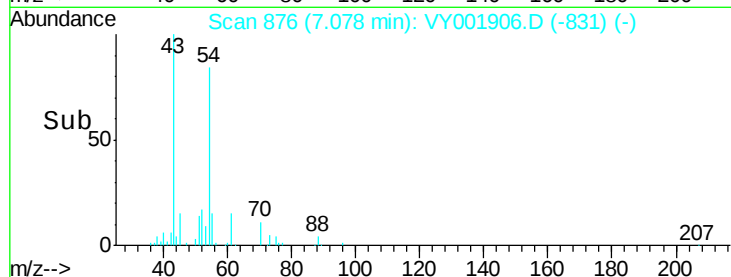
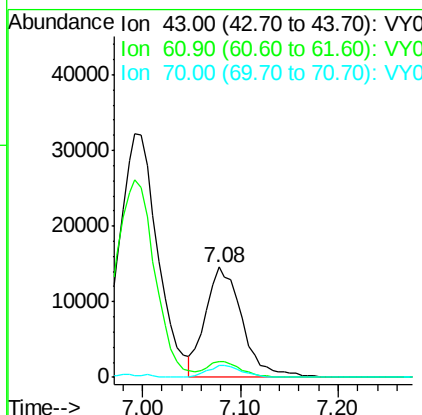
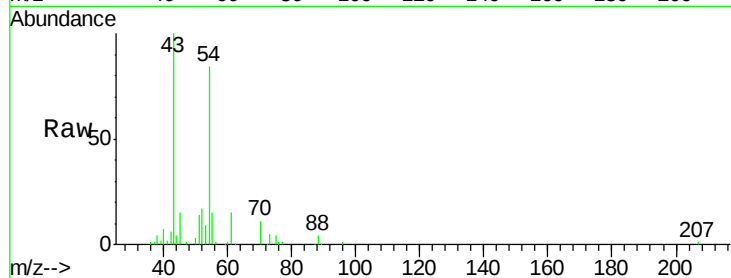
#37
Ethyl Acetate
Concen: 21.548 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.2	8.2	12.4

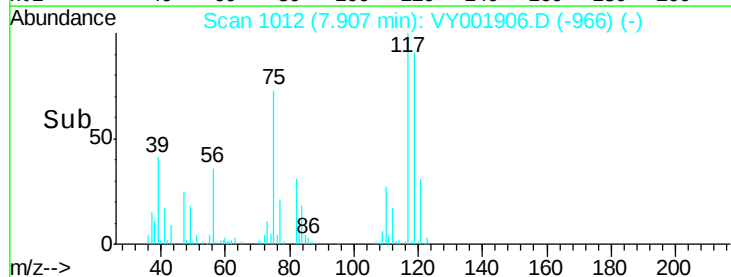
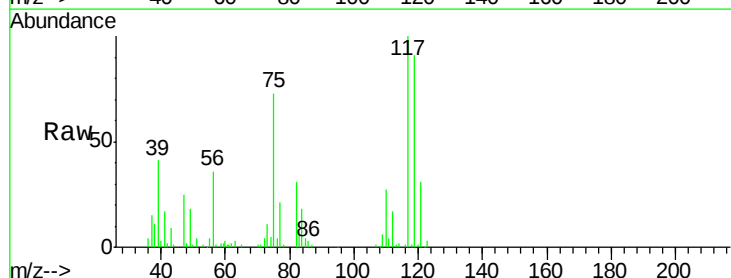
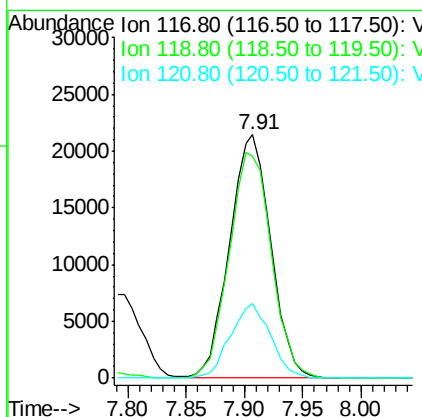
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#38
Carbon Tetrachloride
Concen: 20.455 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.3	114.5
121	30.9	23.5	35.3





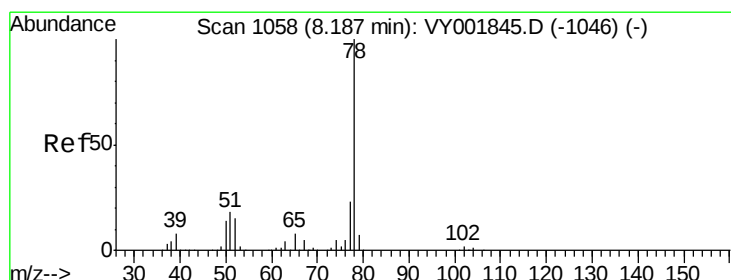
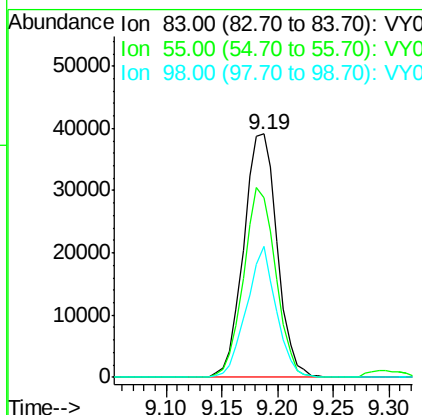
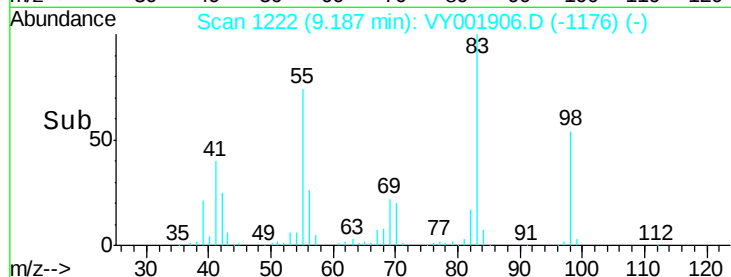
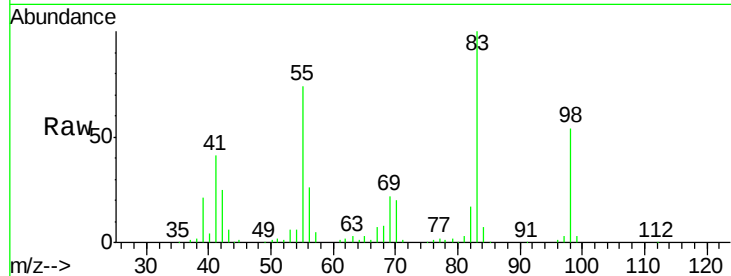
#39
Methvlcvclohexane
Concen: 20.440 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	83.00	Resp	81986
Ion Ratio	100	Lower	Upper
83	100		
55	73.7	59.4	89.0
98	53.6	38.9	58.3

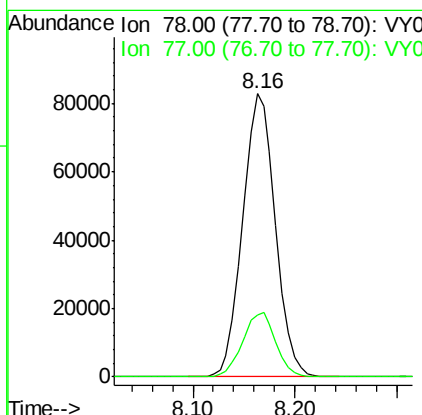
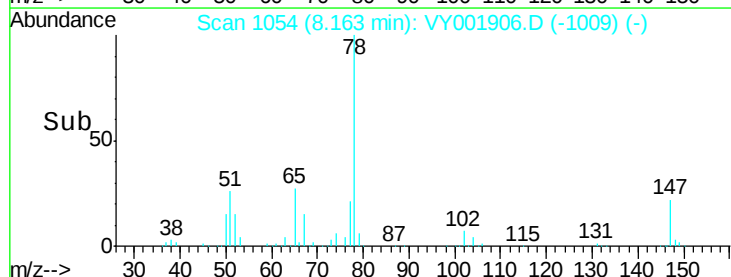
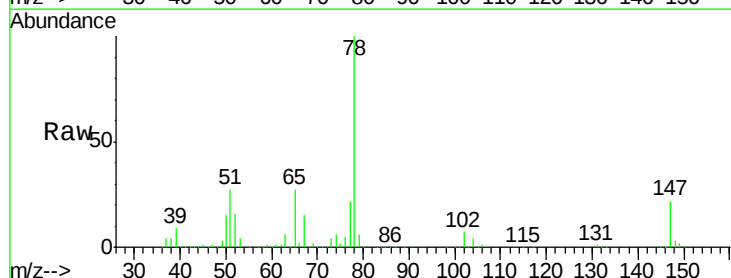
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#40
Benzene
Concen: 20.536 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	78.00	Resp	184078
Ion Ratio	100	Lower	Upper
78	100		
77	22.1	18.7	28.1





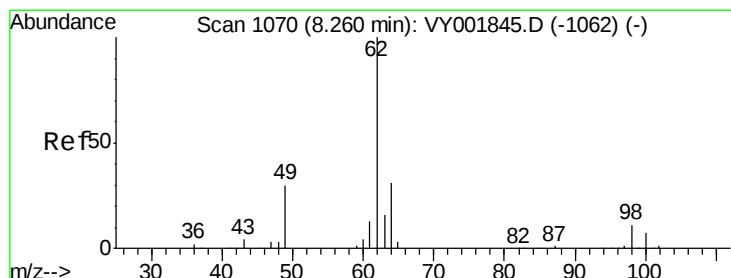
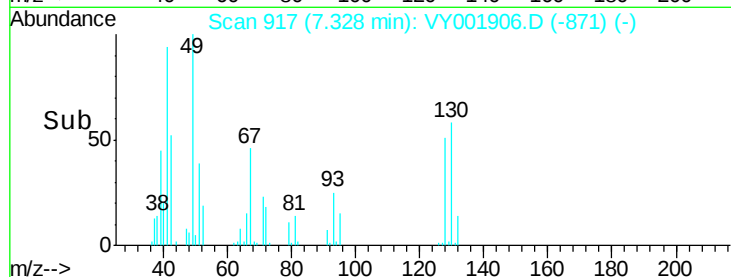
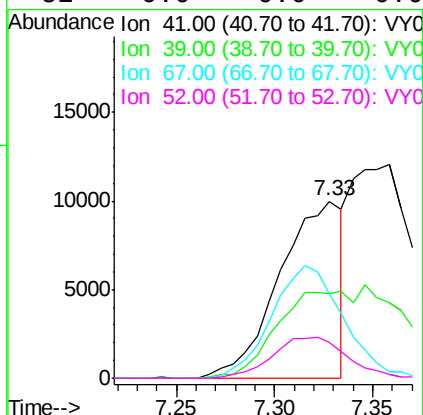
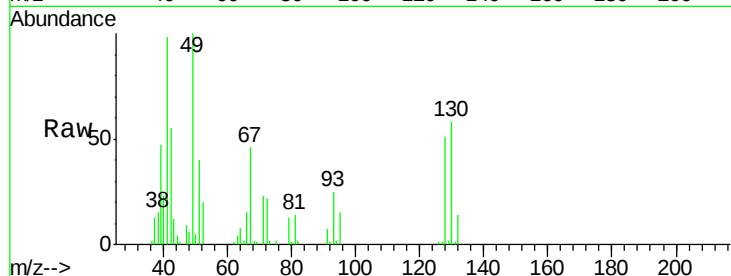
#41
Methacrylonitrile
Concen: 28.236 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot 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

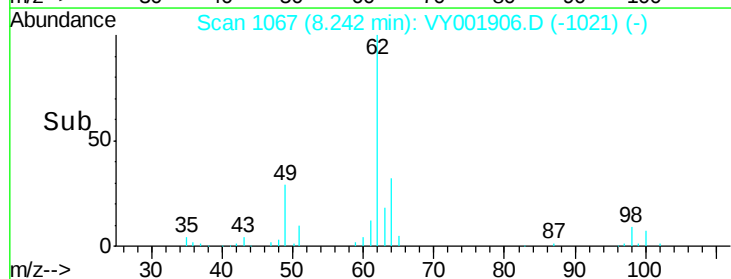
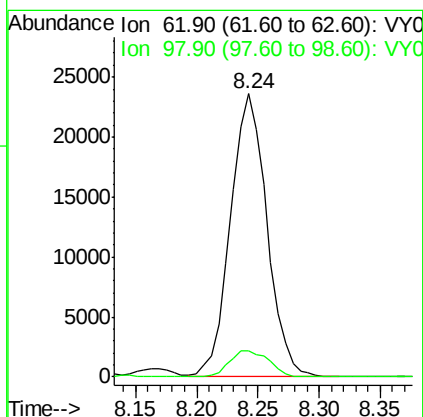
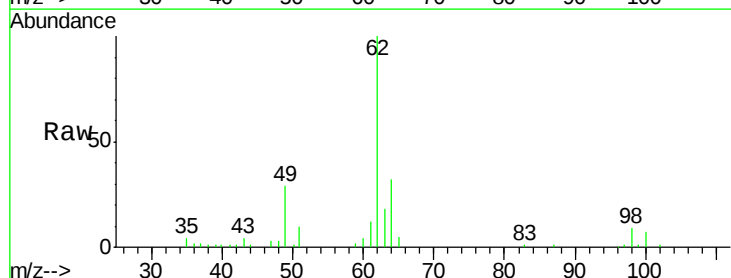
Manual Integrations
APPROVED

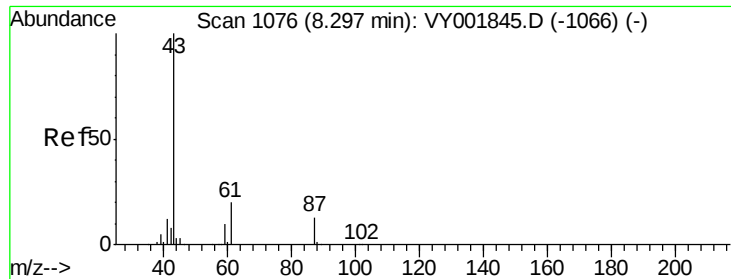
MMDadoda
3/10/2020 2:56:45 PM



#42
1,2-Dichloroethane
Concen: 21.114 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.4





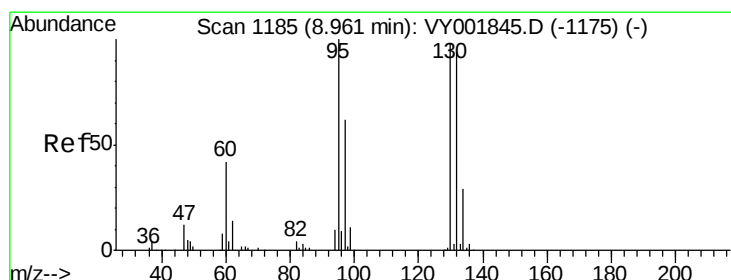
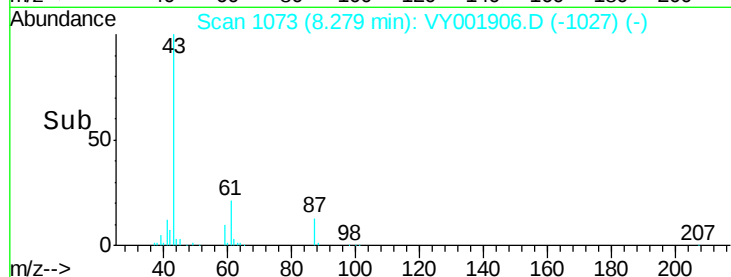
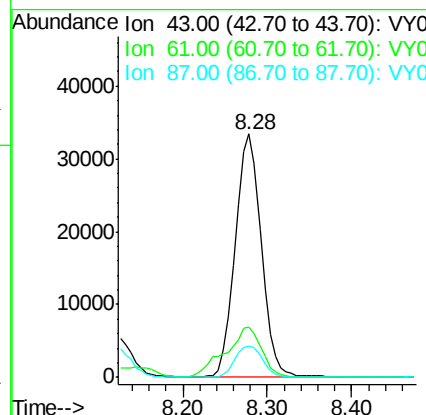
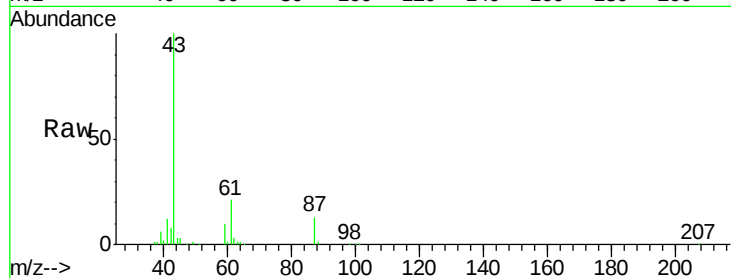
#43
Isopropyl Acetate
Concen: 21.069 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.8	35.6
87	13.7	10.9	16.3

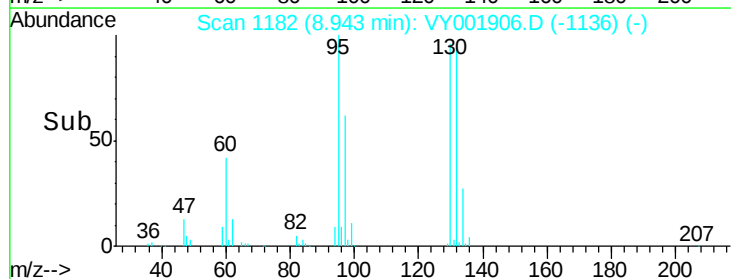
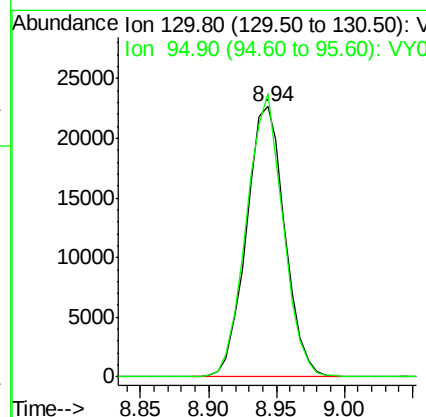
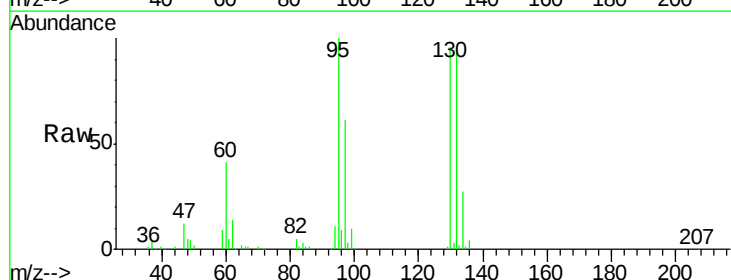
Manual Integrations
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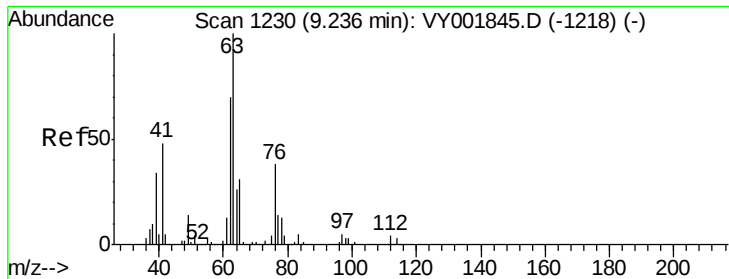
MMDadoda
3/10/2020 2:56:45 PM



#44
Trichloroethene
Concen: 20.540 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	204.6





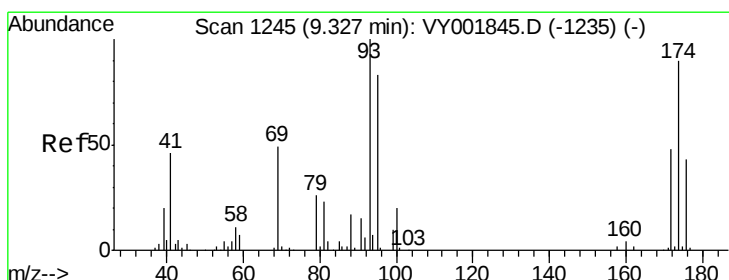
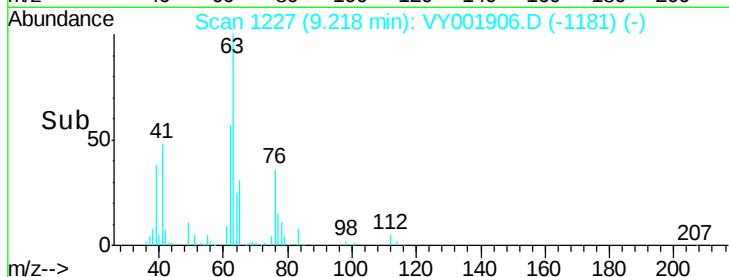
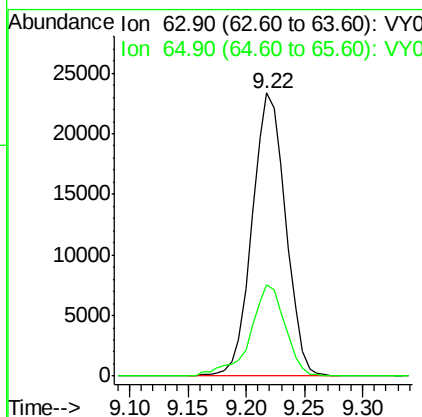
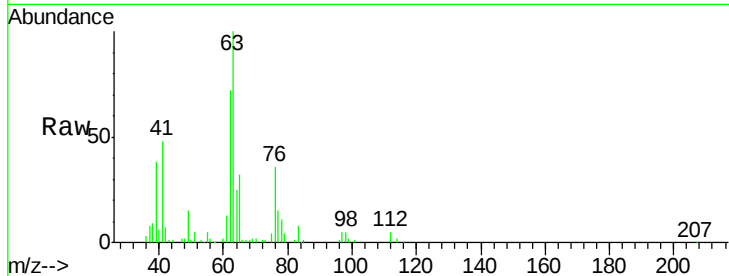
#45
 1,2-Dichloropropane
 Concen: 20.701 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.9	37.3

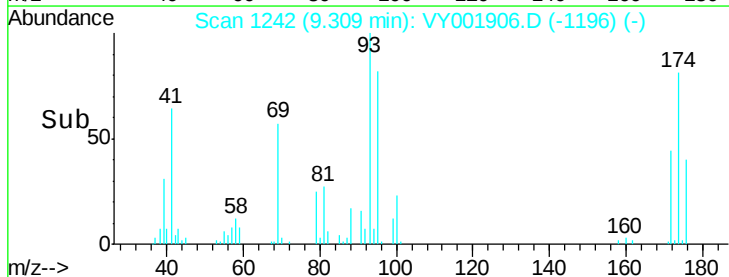
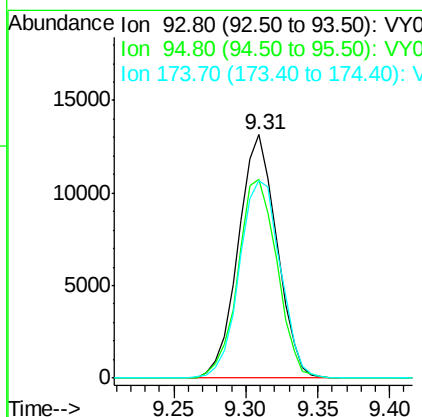
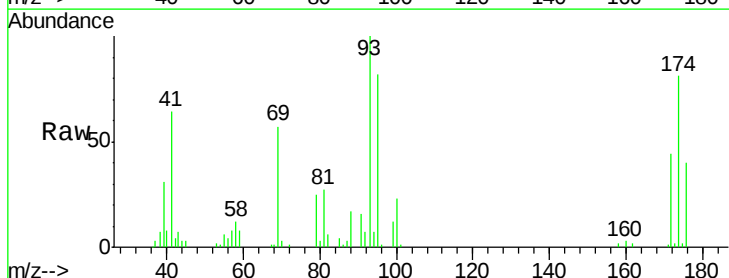
Manual Integrations
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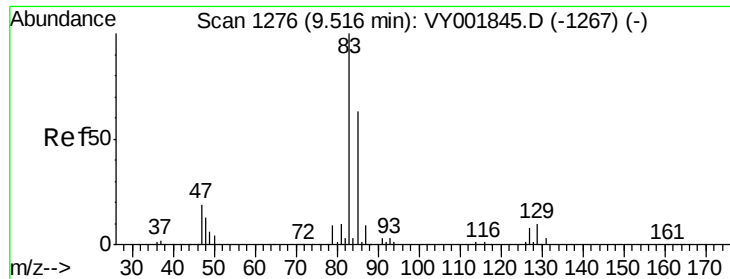
MMDadoda
 3/10/2020 2:56:45 PM



#46
 Dibromomethane
 Concen: 21.057 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.0	100.4
174	85.8	71.8	107.8





#47

Bromodichloromethane

Concen: 20.950 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.02 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

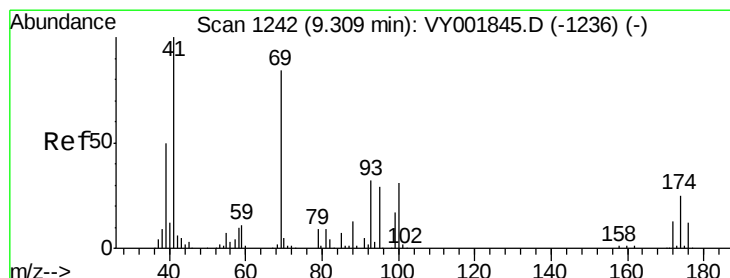
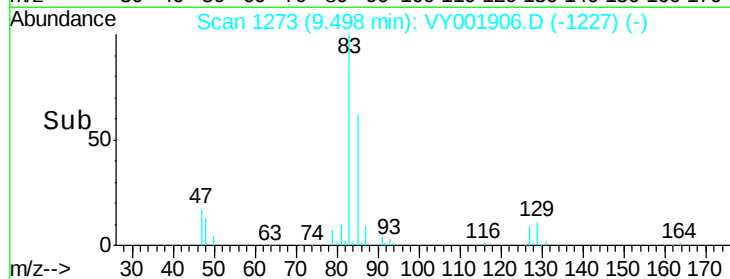
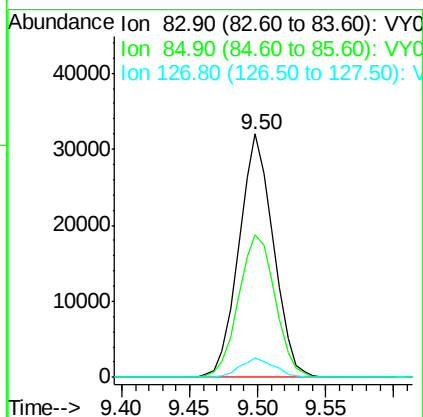
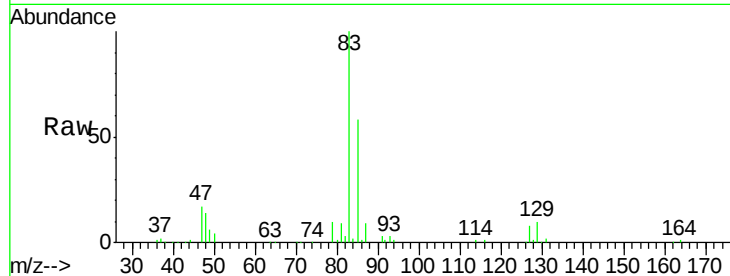
ClientSampleId :

VY0309SBS01

Tot Ion:	83	Resp:	56589
Ion Ratio	Lower	Upper	
83	100		
85	58.5	50.6	76.0
127	8.3	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.410 ug/l

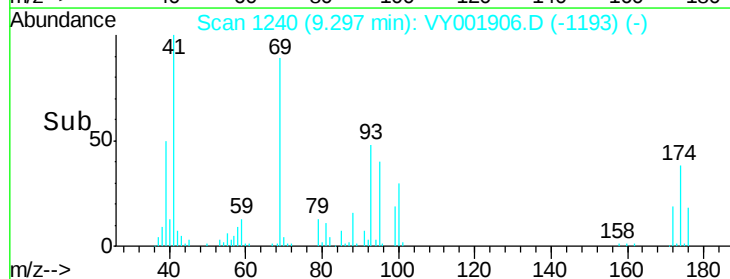
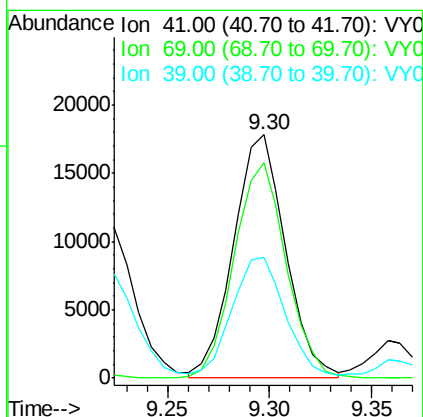
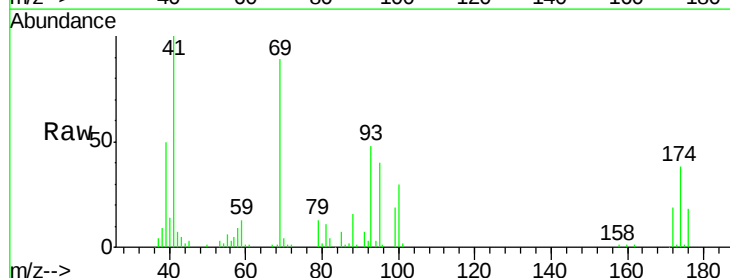
RT: 9.30 min Scan# 1240

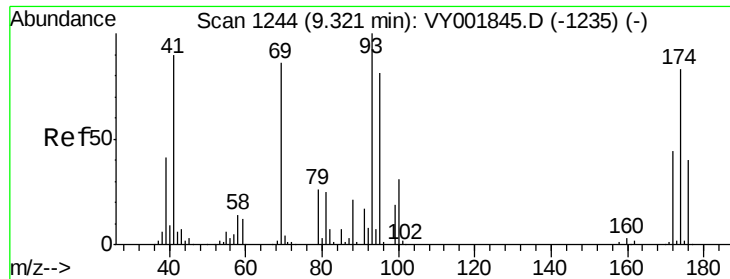
Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion:	41	Resp:	31615
Ion Ratio	Lower	Upper	
41	100		
69	88.4	69.0	103.6
39	51.2	39.1	58.7





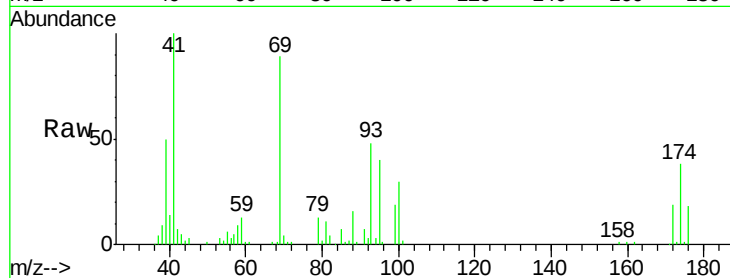
#49
1,4-Dioxane
Concen: 422.719 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.0	37.6
58	67.0	58.9	88.3

Manual Integrations
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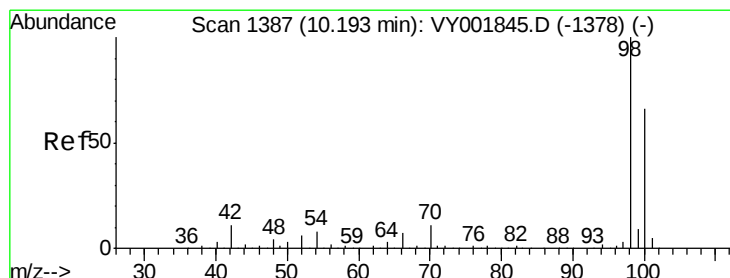
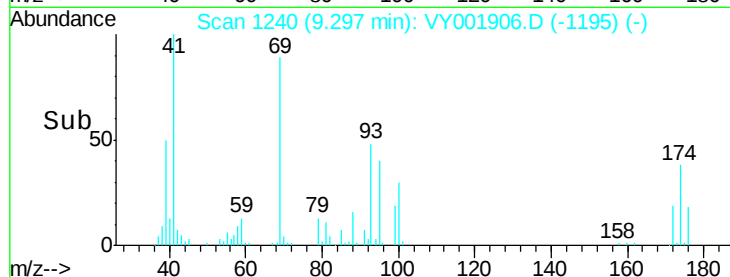
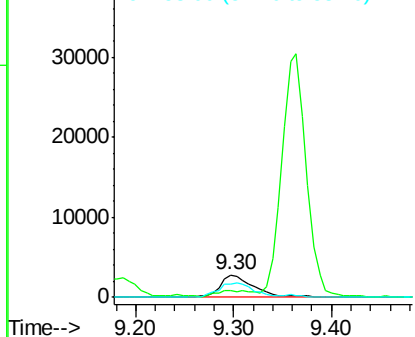


Abundance

Ion 88.00 (87.70 to 88.70): VY0

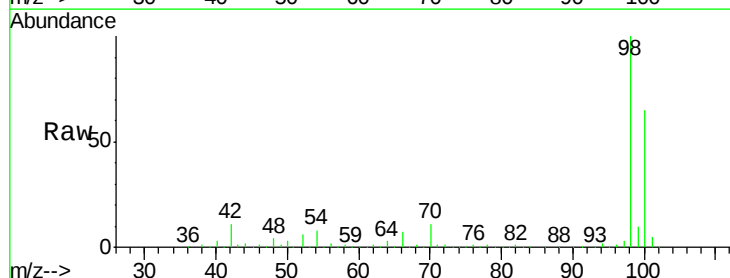
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

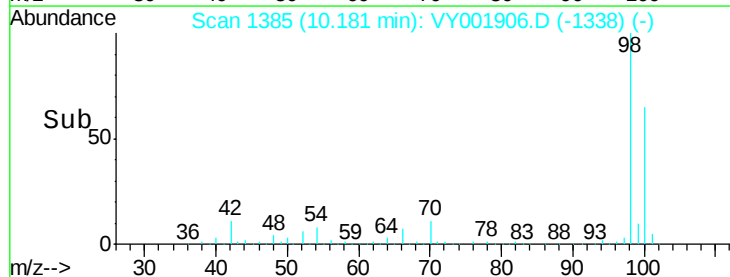
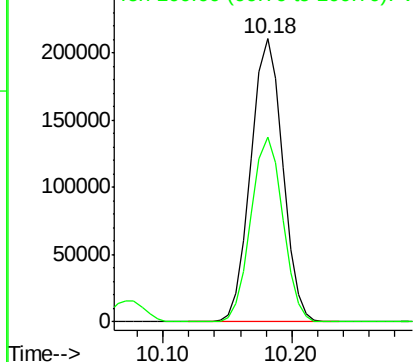
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4

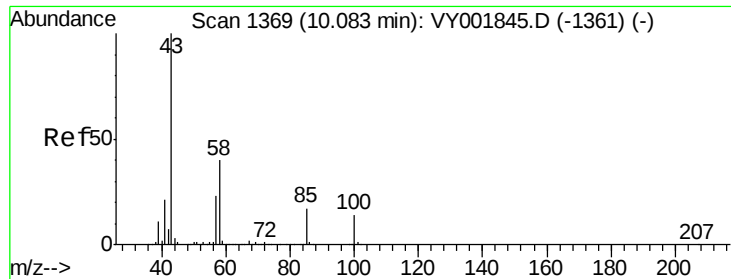


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





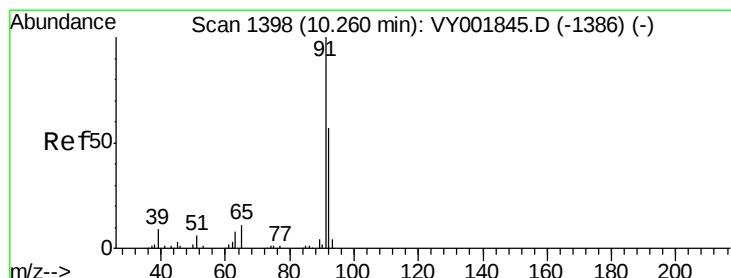
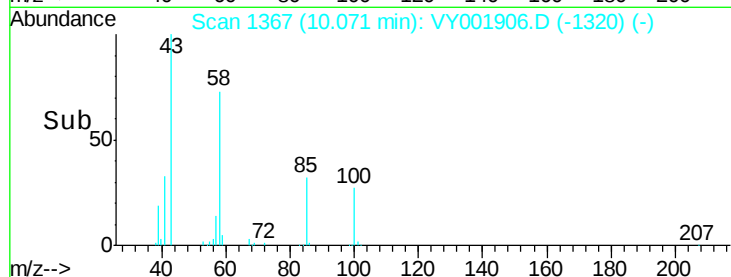
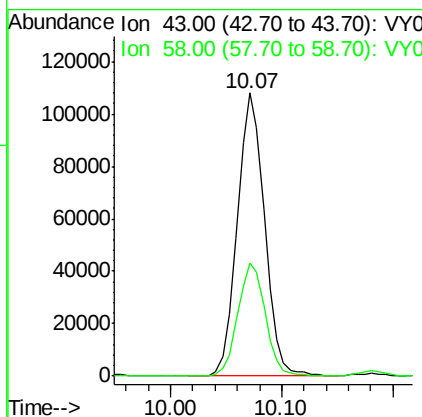
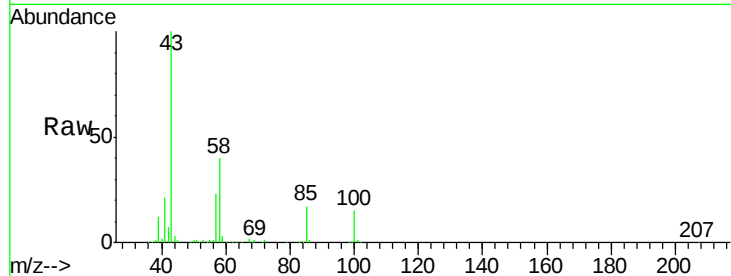
#51
4-Methyl-2-Pentanone
Concen: 106.382 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	43	Resp	182344
Ion Ratio	43	100	
Lower	58	40.6	32.0
Upper			48.0

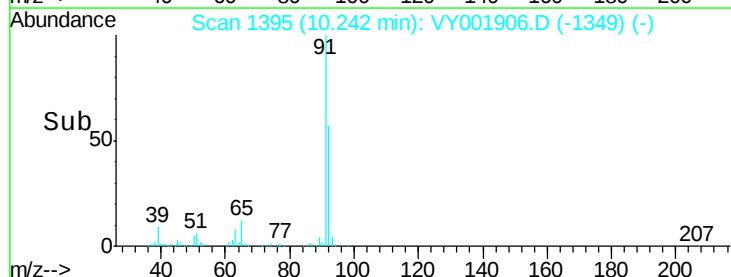
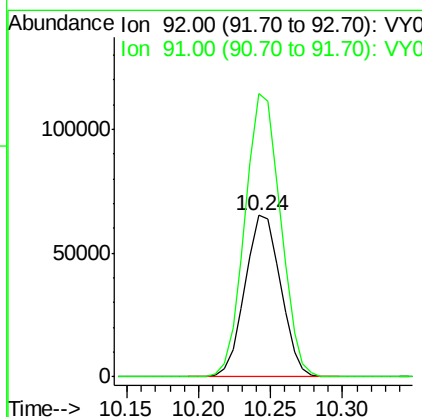
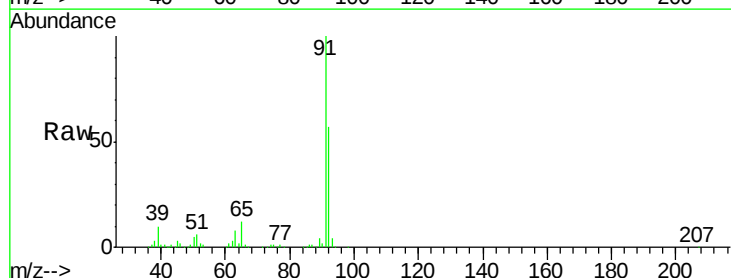
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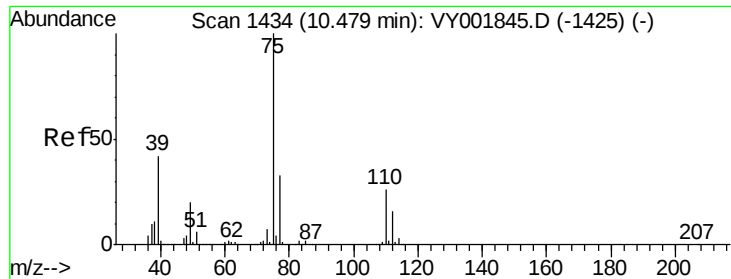
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3/10/2020 2:56:45 PM



#52
Toluene
Concen: 20.649 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.02 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	92	Resp	112441
Ion Ratio	92	100	
Lower	91	174.3	138.6
Upper			208.0





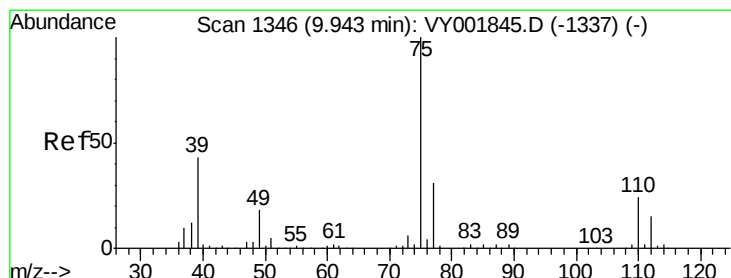
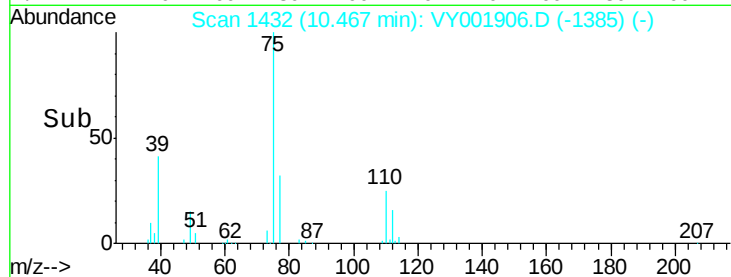
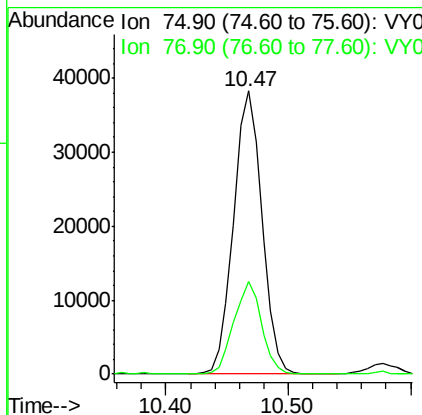
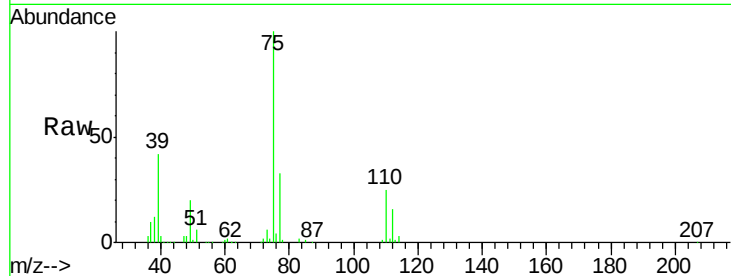
#53
t-1,3-Dichloropropene
Concen: 20.888 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion: 75 Resp: 61470
Ion Ratio Lower Upper
75 100
77 32.7 26.3 39.5

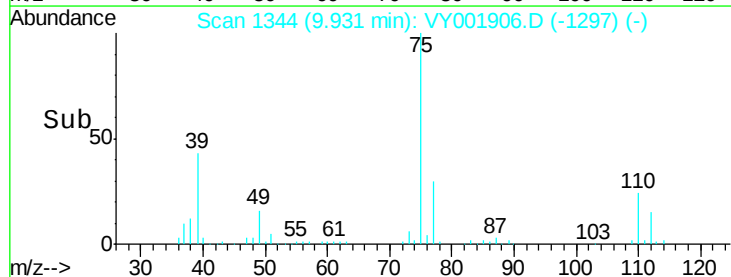
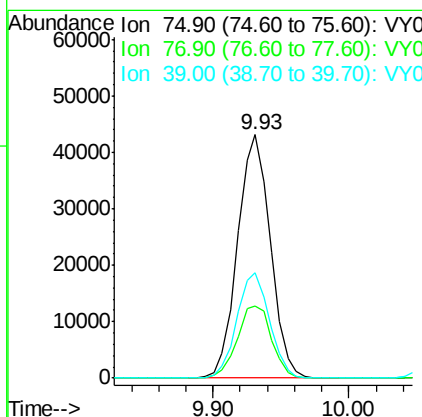
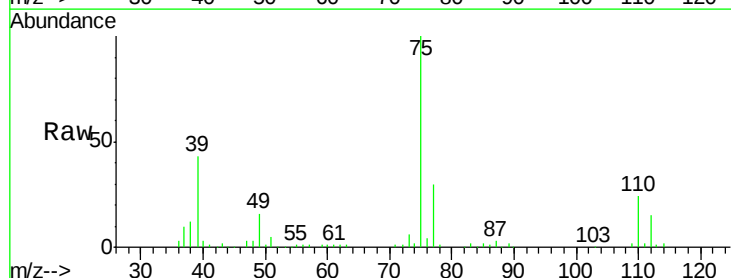
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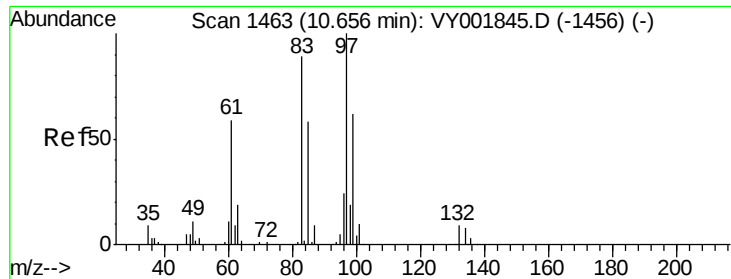
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#54
cis-1,3-Dichloropropene
Concen: 20.729 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 75 Resp: 72623
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7
39 43.1 34.7 52.1





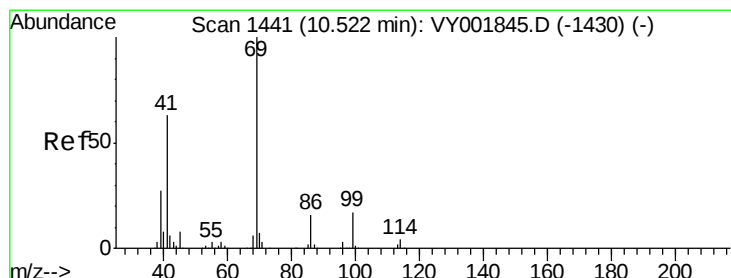
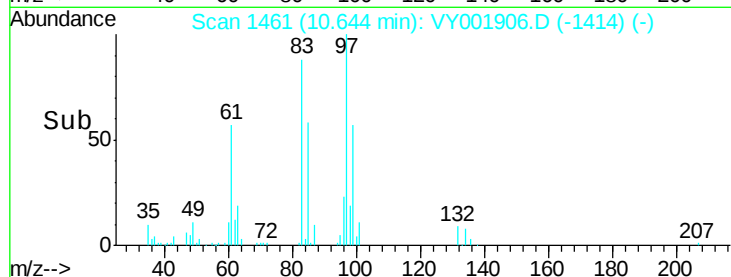
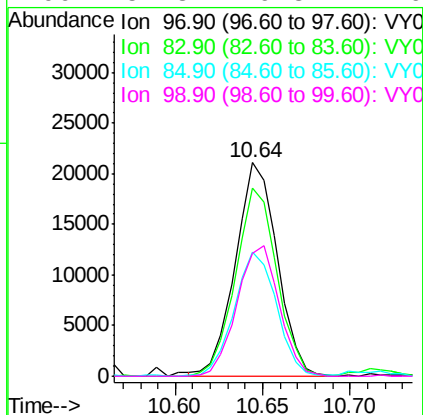
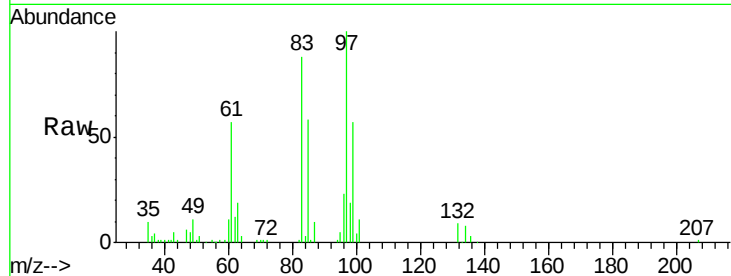
#55
 1,1,2-Trichloroethane
 Concen: 20.657 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion:	97	Resp:	35104
Ion	Ratio	Lower	Upper
97	100		
83	88.1	71.6	107.4
85	57.8	46.6	69.8
99	57.3	49.8	74.6

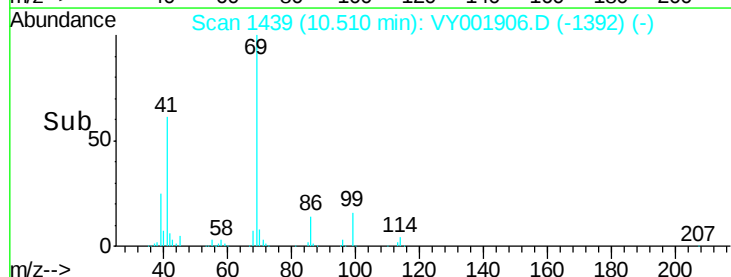
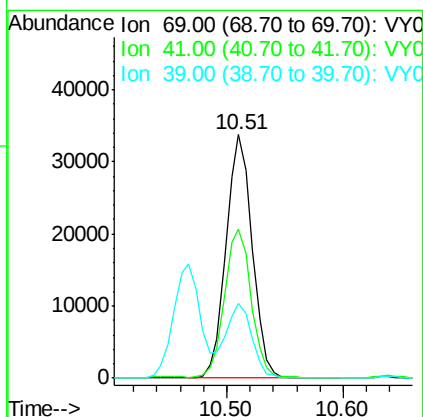
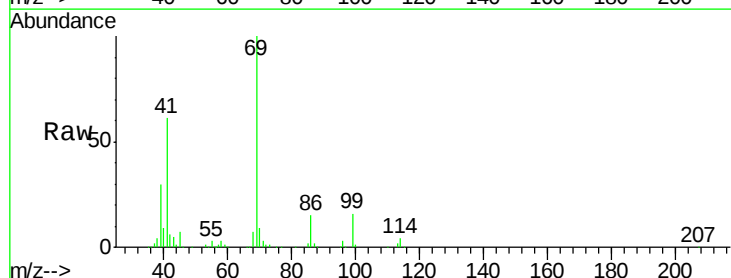
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#56
 Ethyl methacrylate
 Concen: 21.081 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion:	69	Resp:	52510
Ion	Ratio	Lower	Upper
69	100		
41	63.0	49.9	74.9
39	31.6	23.0	34.6





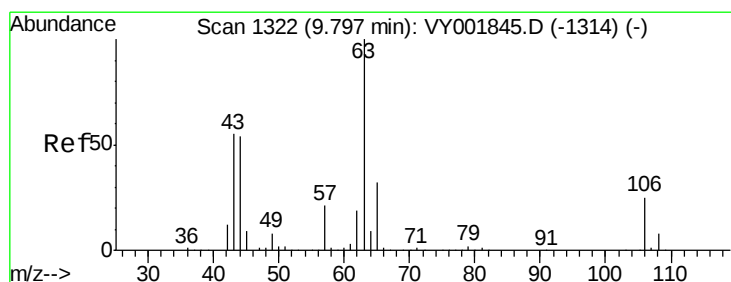
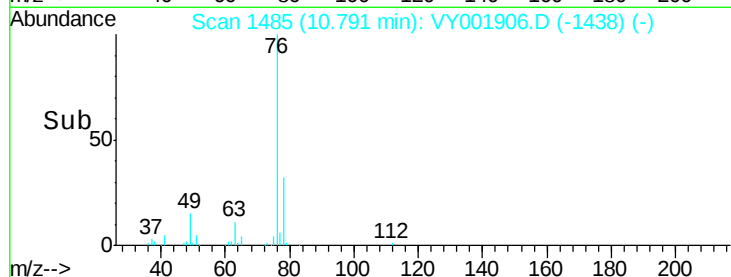
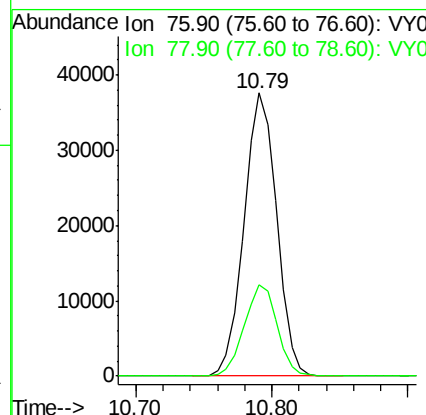
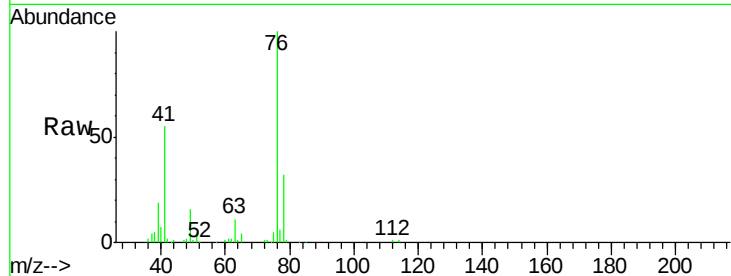
#57
 1,3-Dichloropropane
 Concen: 20.832 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

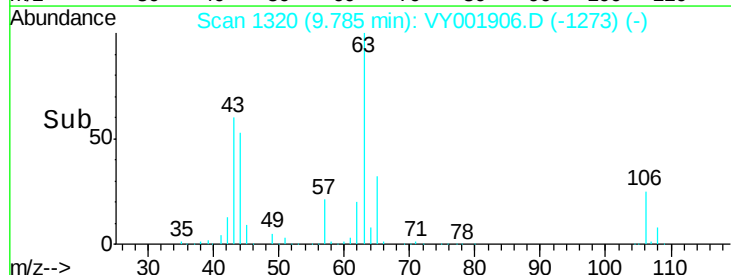
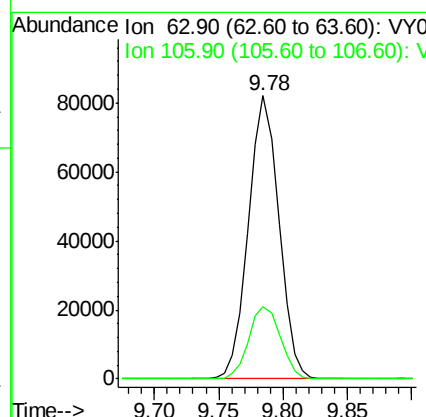
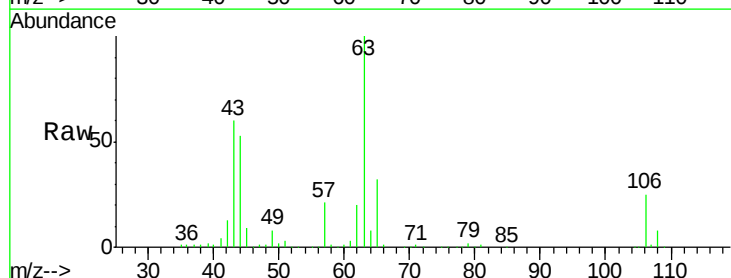
Manual Integrations
 APPROVED

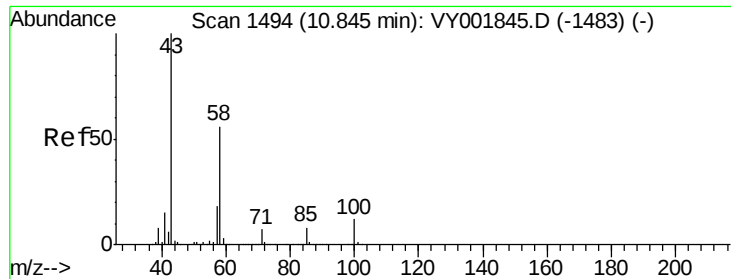
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#58
 2-Chloroethyl Vinyl ether
 Concen: 139.950 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.3	31.9





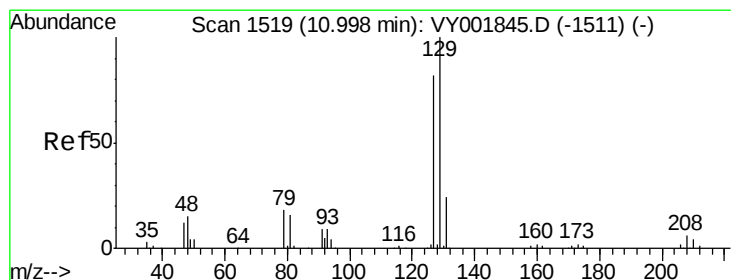
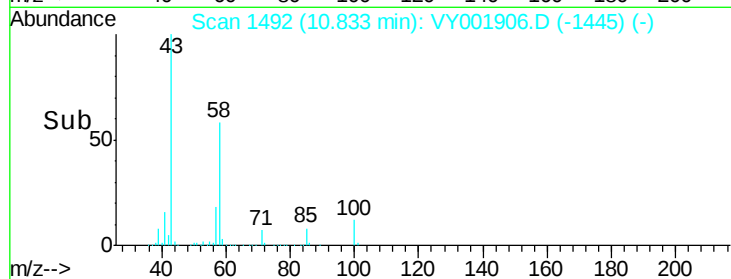
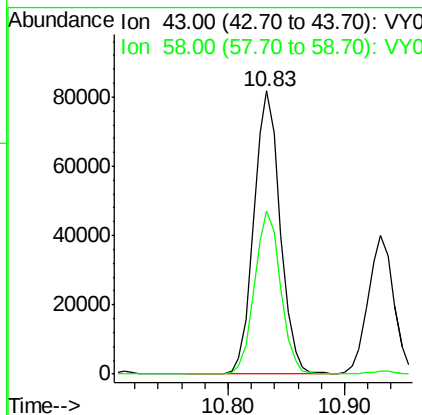
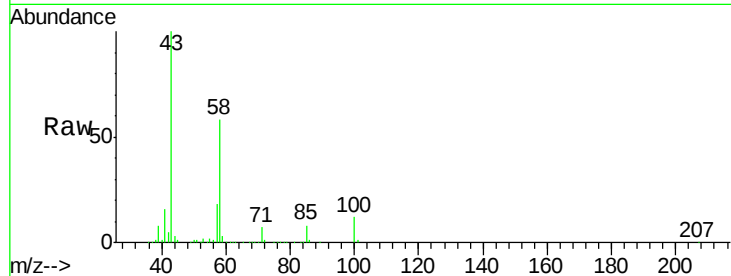
#59
2-Hexanone
Concen: 105.124 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion: 43 Resp: 128609
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3

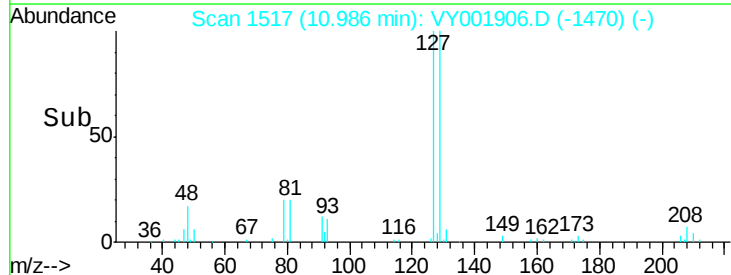
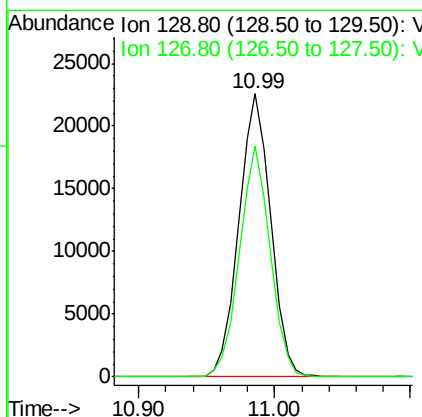
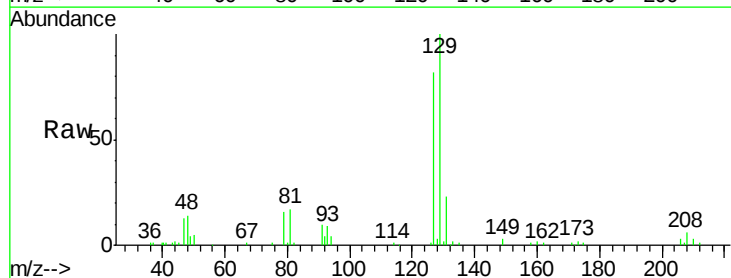
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#60
Dibromochloromethane
Concen: 20.578 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion:129 Resp: 36850
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0





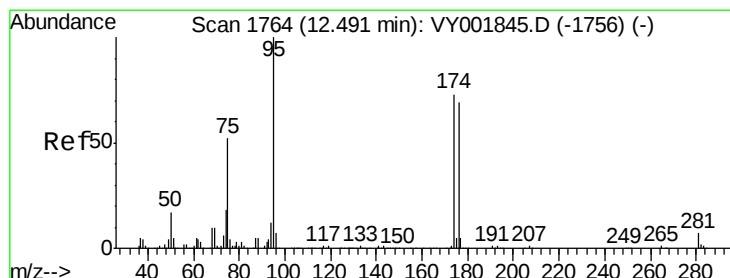
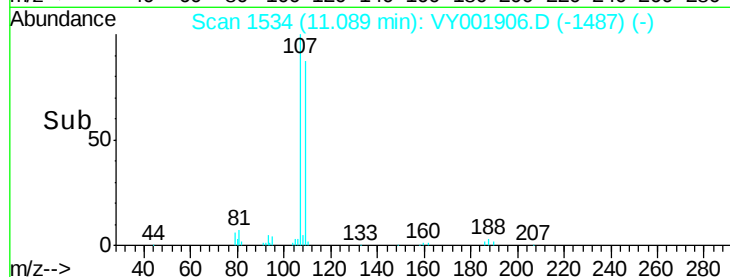
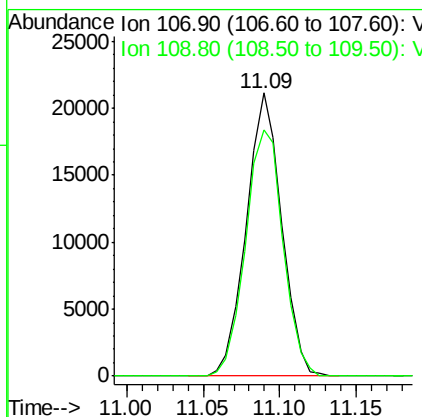
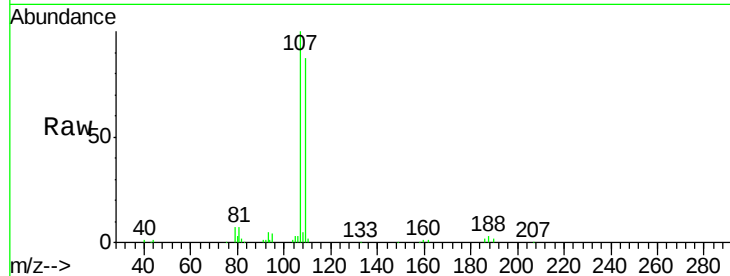
#61
 1,2-Dibromoethane
 Concen: 21.050 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion: 107 Resp: 33886
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.4 113.0

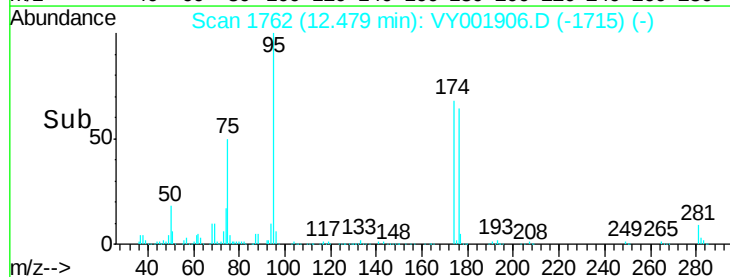
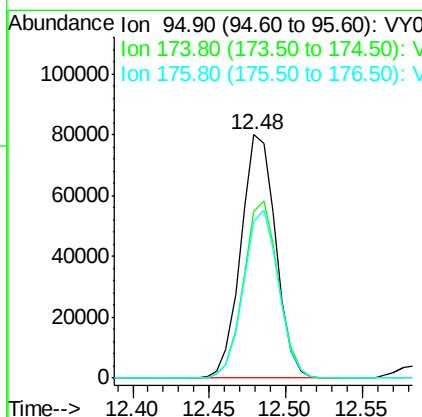
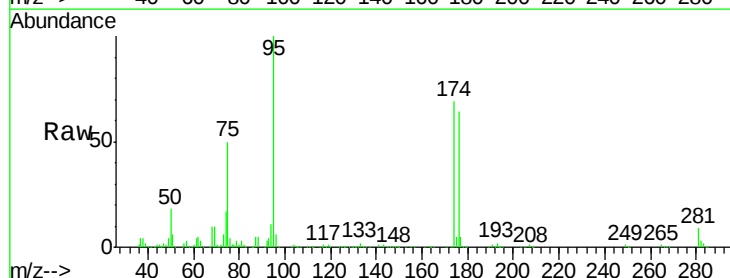
Manual Integrations
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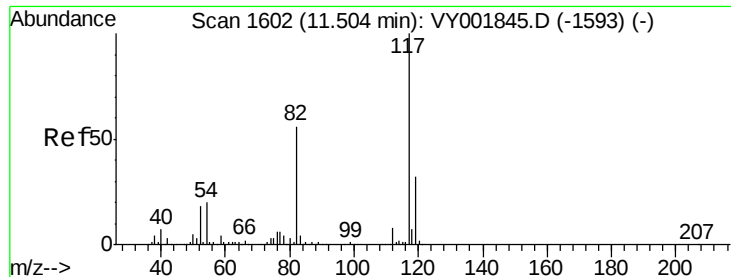
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.267 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion: 95 Resp: 126478
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 145.0
 176 69.6 0.0 137.4





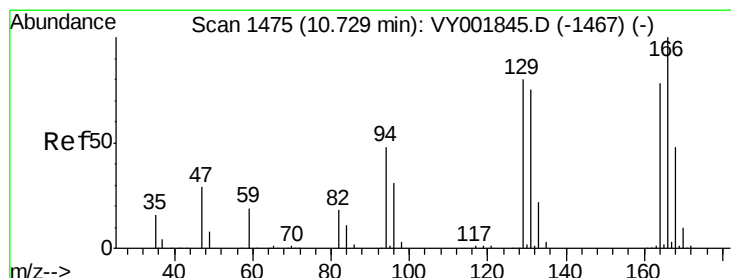
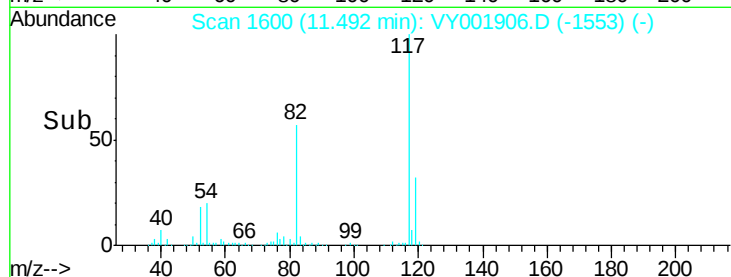
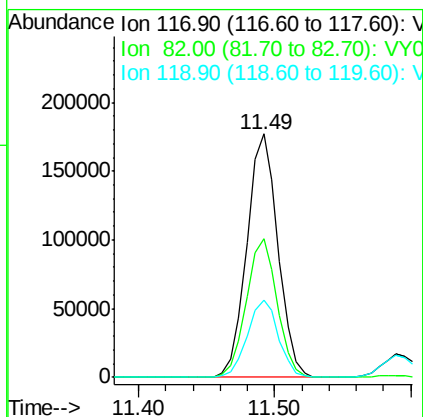
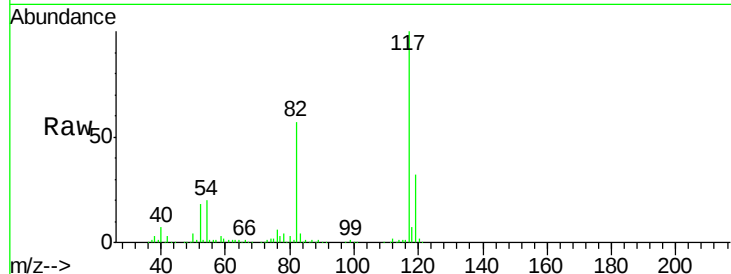
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	282999		
82	57.1		44.5	66.7
119	31.6		25.7	38.5

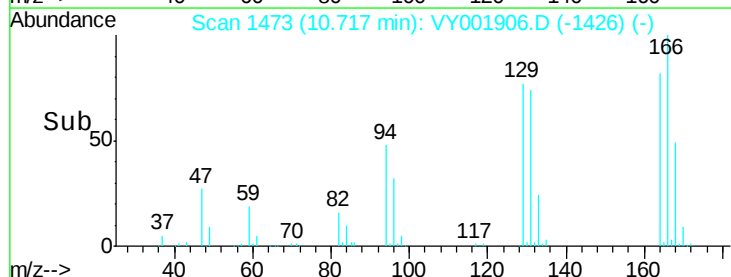
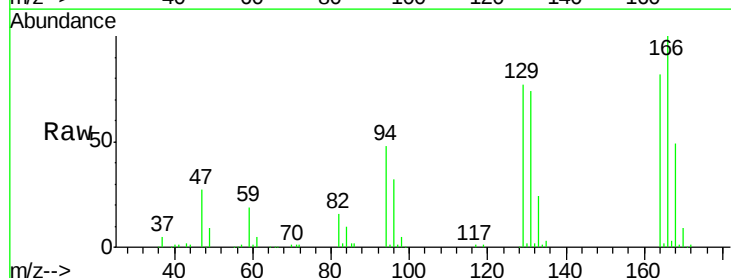
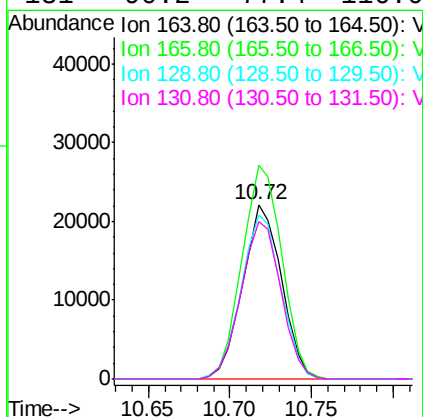
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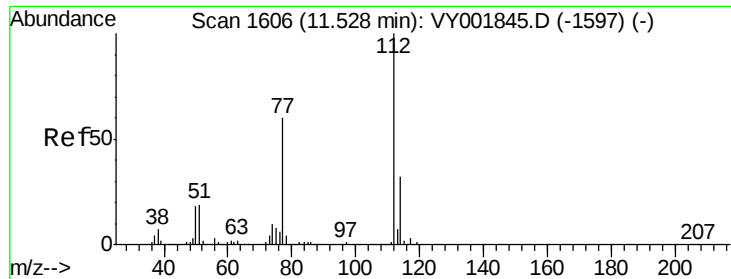
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#64
Tetrachloroethene
Concen: 20.725 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36782		
166	122.6		102.6	154.0
129	94.0		82.3	123.5
131	90.2		77.4	116.0





#65

Chlorobenzene

Concen: 20.332 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:112 Resp: 114651

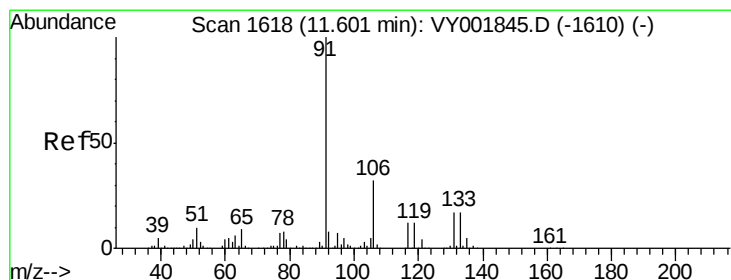
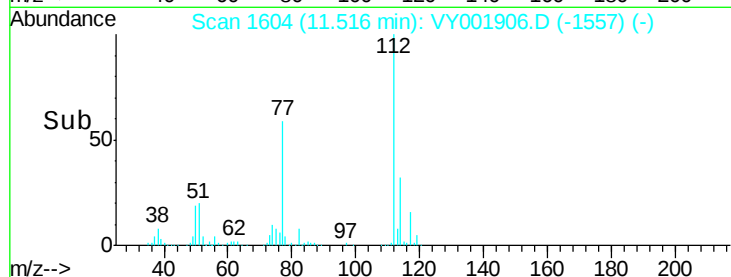
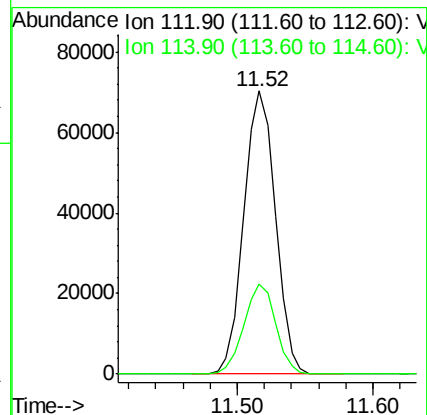
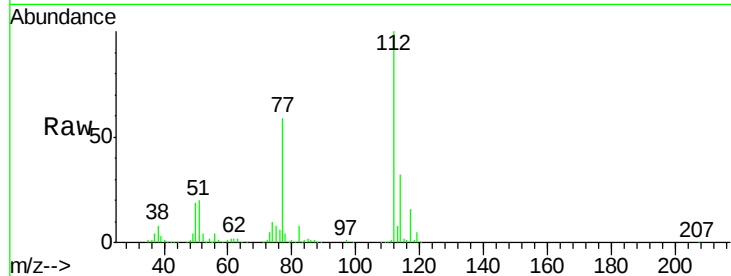
Ion Ratio Lower Upper

112 100

114 31.8 25.9 38.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.236 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

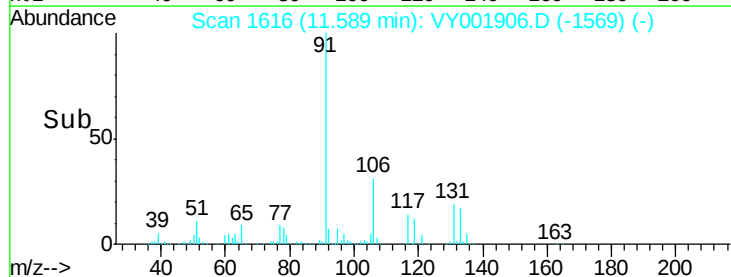
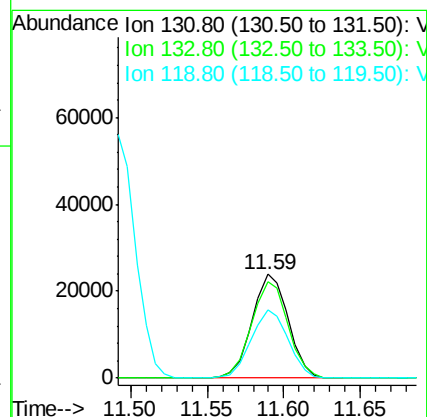
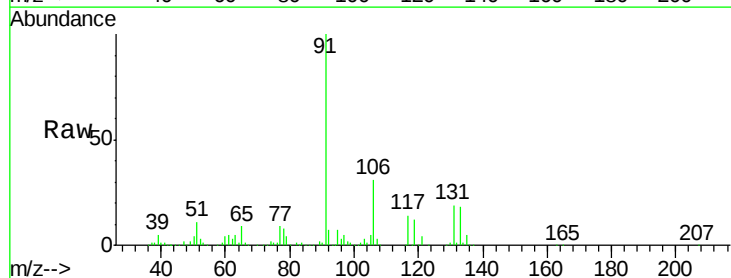
Tgt Ion:131 Resp: 39269

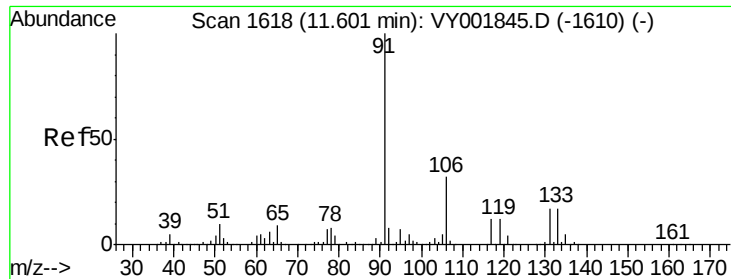
Ion Ratio Lower Upper

131 100

133 94.3 47.1 141.3

119 66.9 34.5 103.6





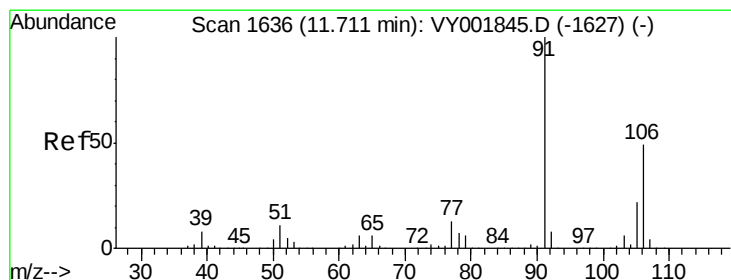
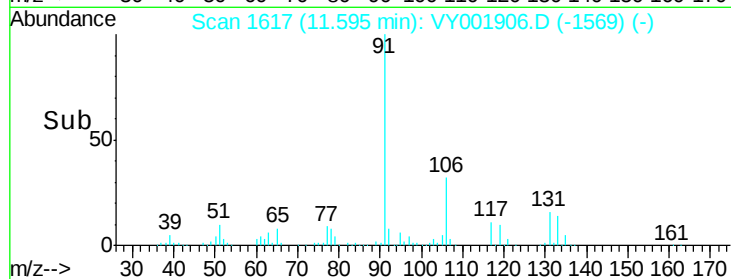
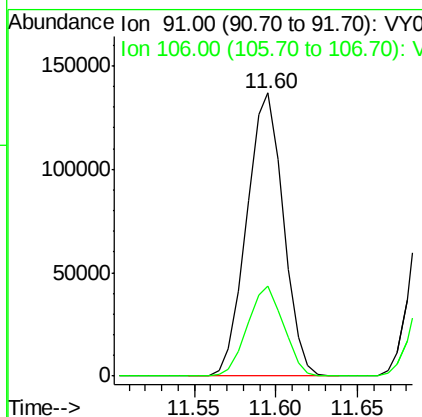
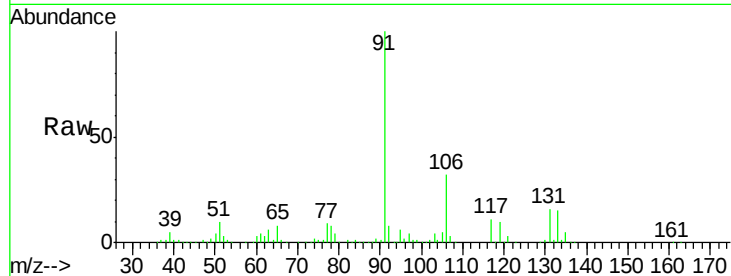
#67
Ethyl Benzene
Concen: 20.413 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion: 91 Resp: 214668
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

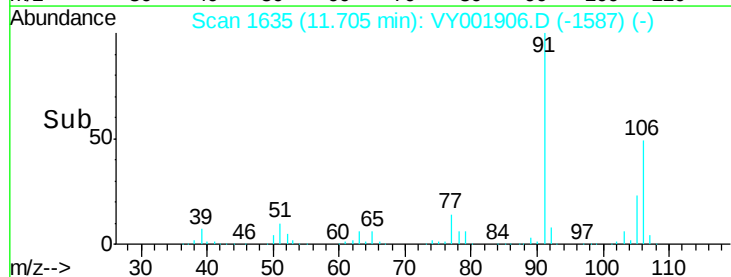
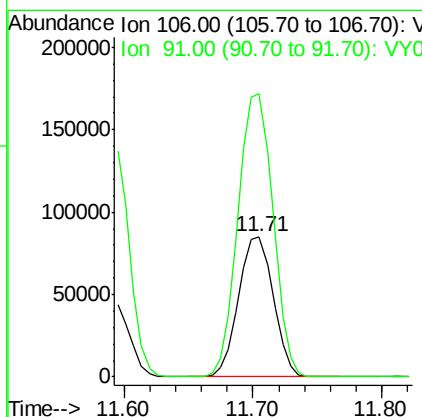
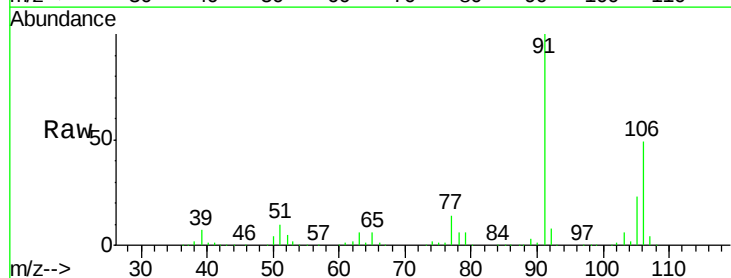
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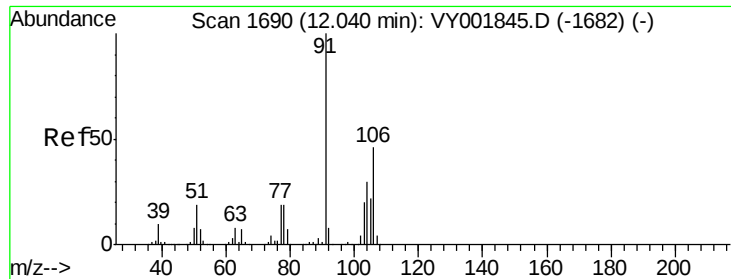
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#68
m/p-Xylenes
Concen: 40.949 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion: 106 Resp: 159212
Ion Ratio Lower Upper
106 100
91 203.4 161.3 241.9





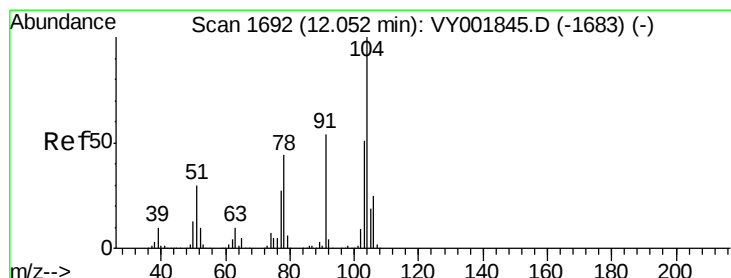
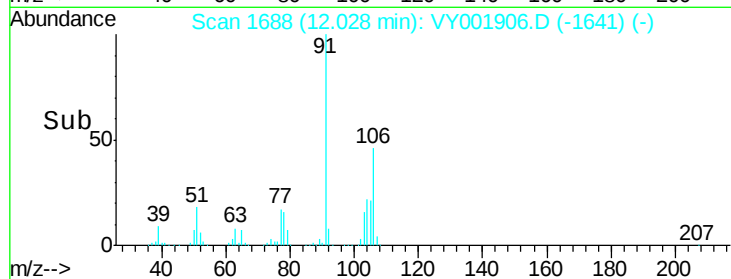
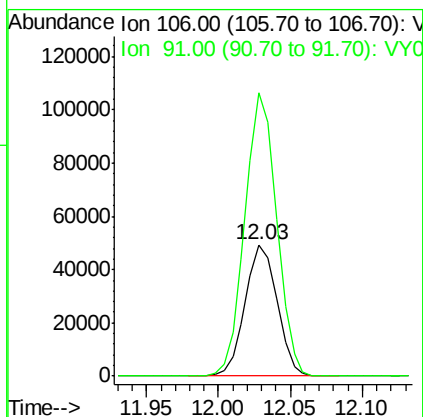
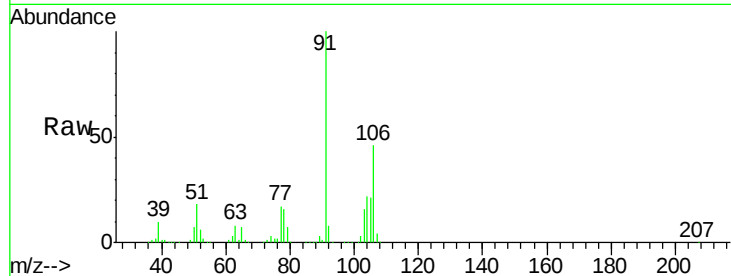
#69
o-Xylene
Concen: 20.694 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion:106 Resp: 75835
Ion Ratio Lower Upper
106 100
91 214.4 106.8 320.4

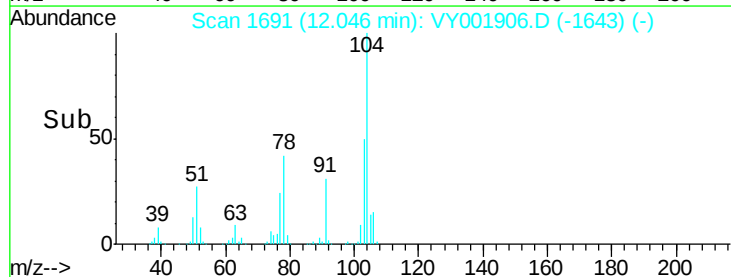
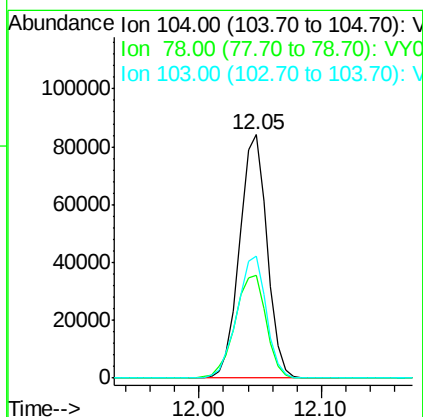
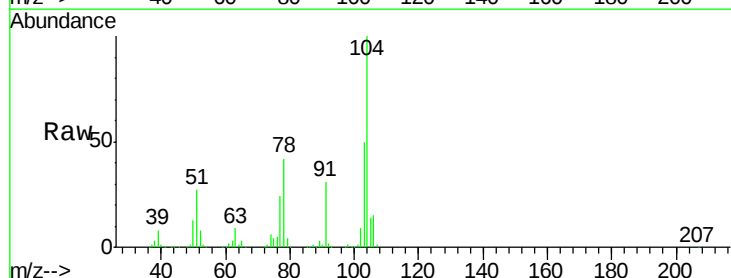
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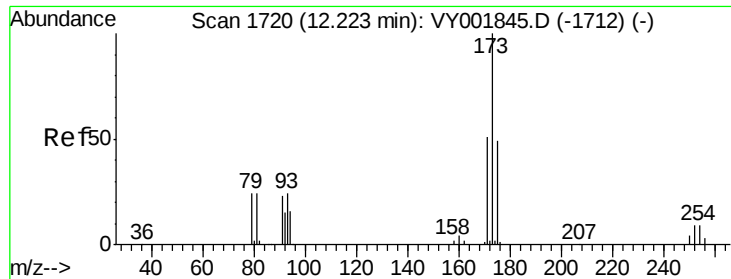
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#70
Styrene
Concen: 20.905 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion:104 Resp: 131209
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 53.2 42.9 64.3





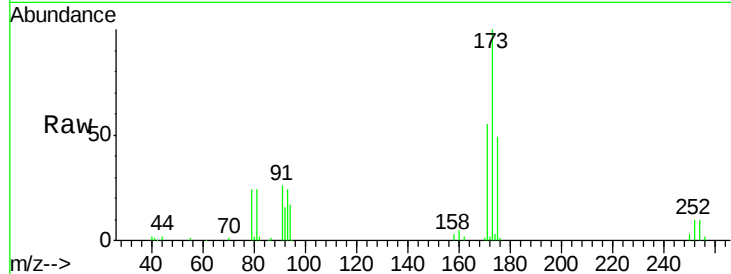
#71
Bromoform
Concen: 20.959 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

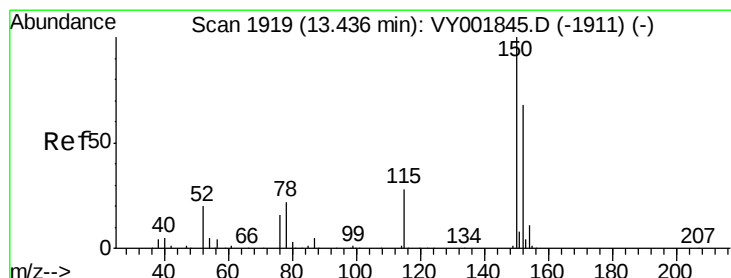
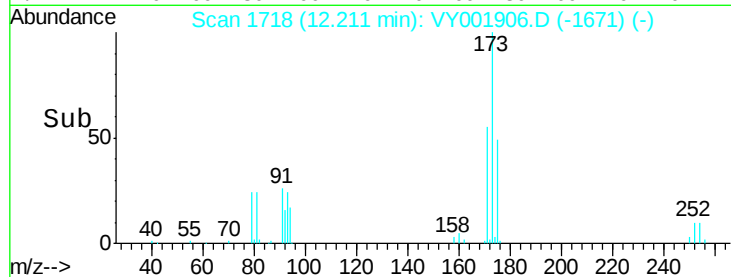
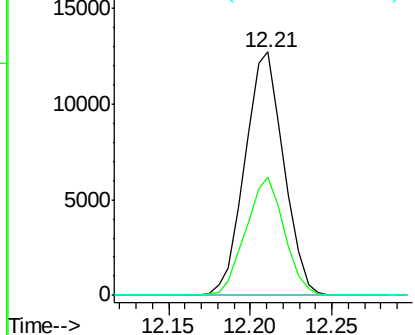
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.0	0.0

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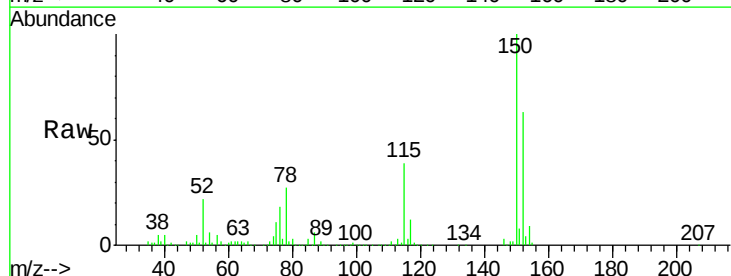


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

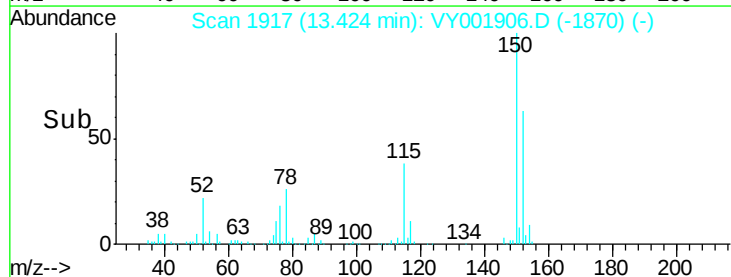
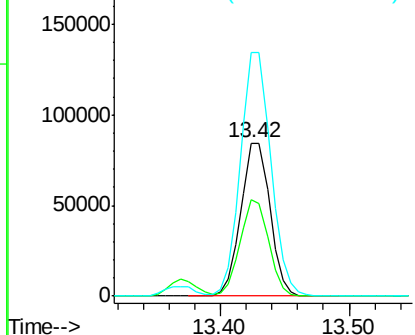


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	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: 20.054 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:105 Resp: 203140

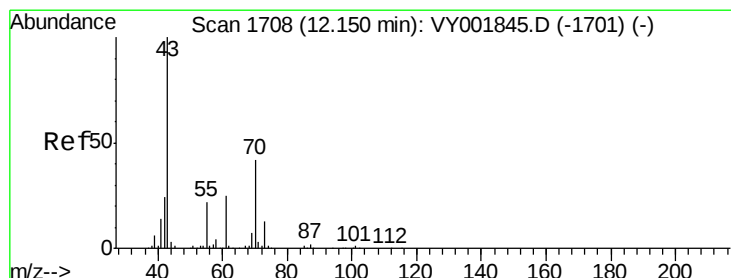
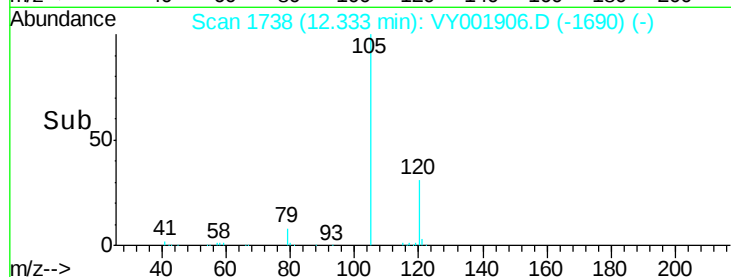
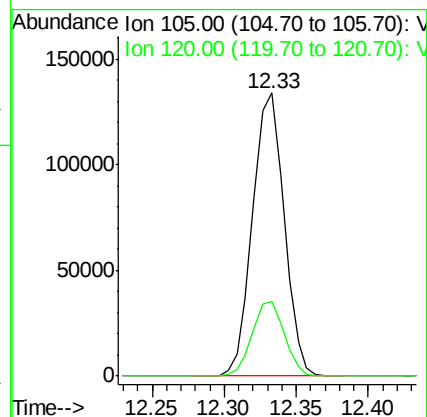
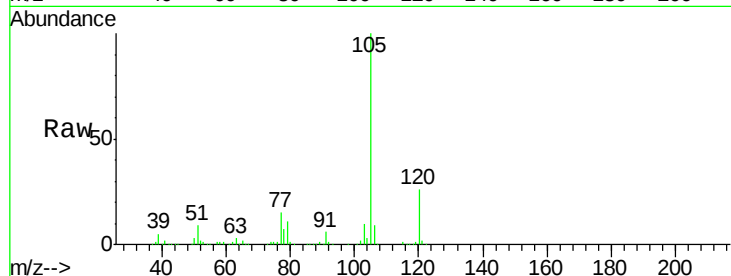
Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.3

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#74

N-ethyl acetate

Concen: 20.898 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion: 43 Resp: 65061

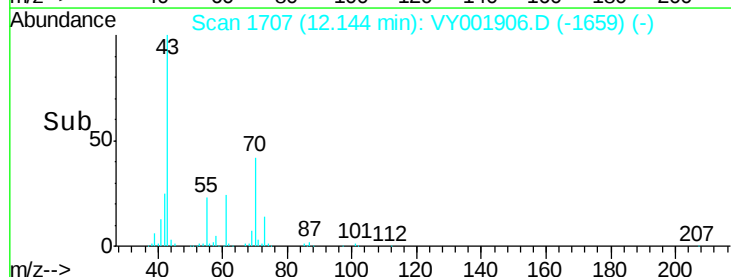
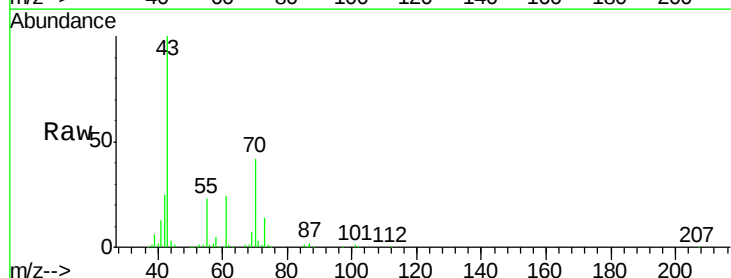
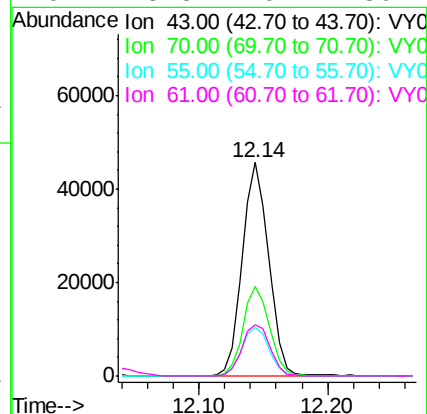
Ion Ratio Lower Upper

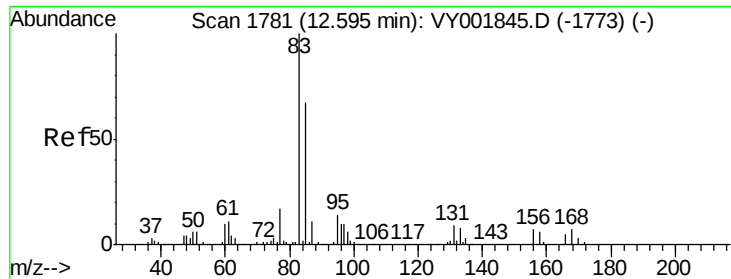
43 100

70 42.3 34.7 52.1

55 23.8 18.2 27.4

61 25.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.488 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

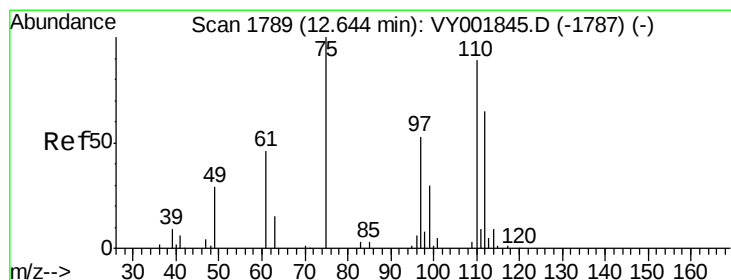
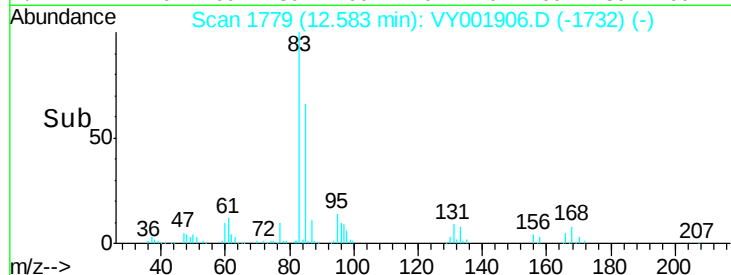
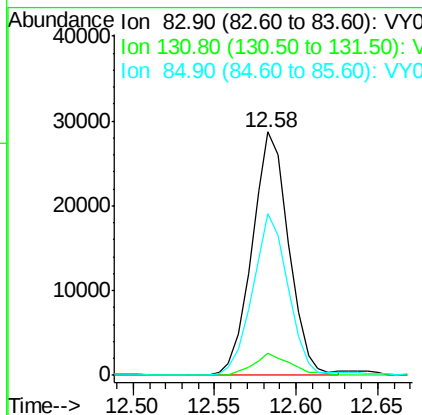
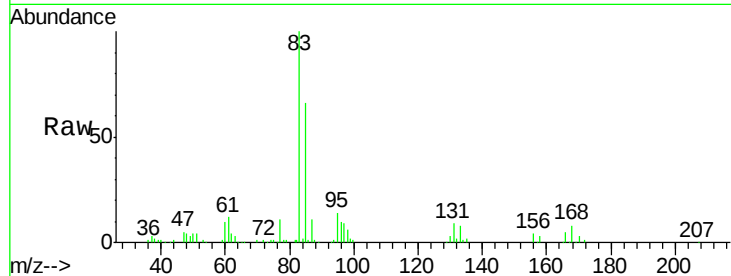
ClientSampleId :

VY0309SBS01

Tot Ion:	83	Resp:	44755
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	64.0	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 21.503 ug/l m

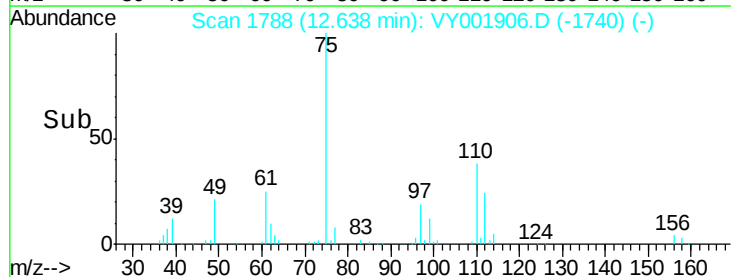
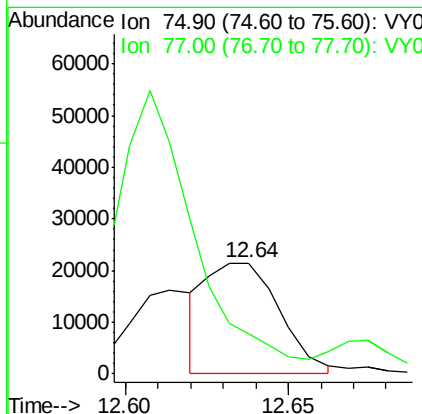
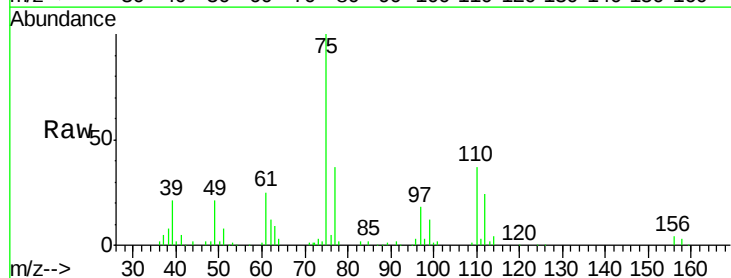
RT: 12.64 min Scan# 1788

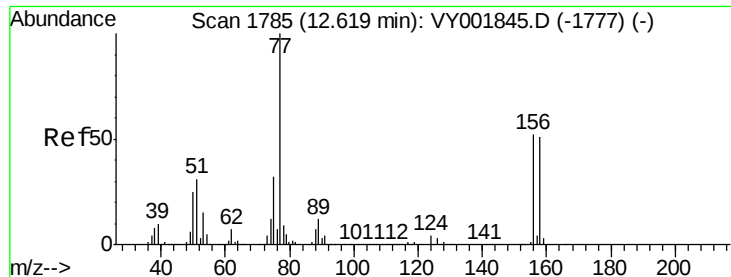
Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion:	75	Resp:	33858
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.684 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:156 Resp: 44393

Ion Ratio Lower Upper

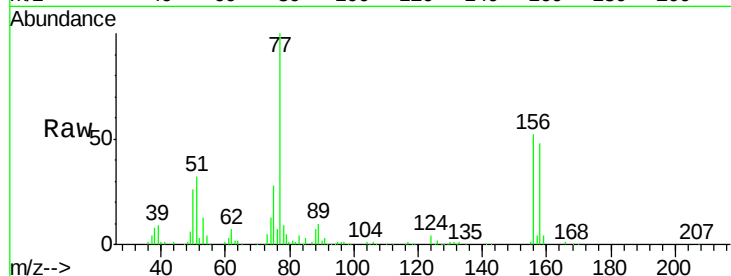
156 100

77 213.1 109.0 327.0

158 93.3 48.9 146.8

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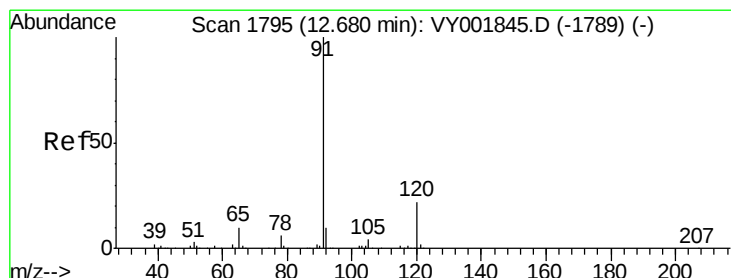
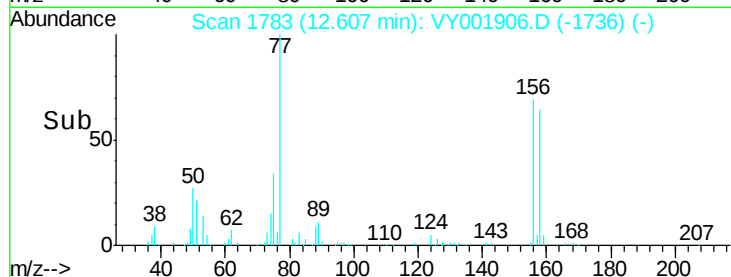
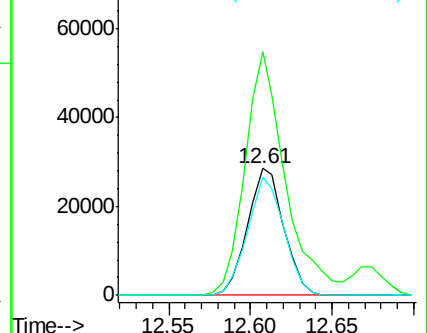
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.383 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001906.D

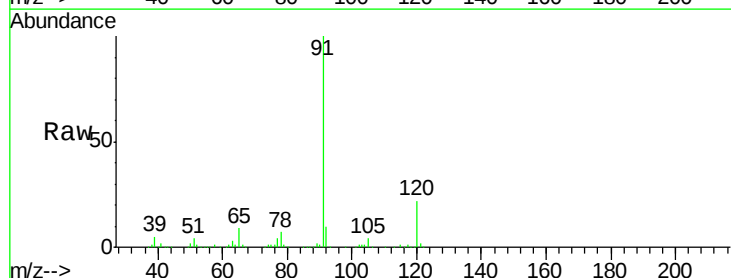
Acq: 09 Mar 2020 13:02

Tgt Ion: 91 Resp: 254730

Ion Ratio Lower Upper

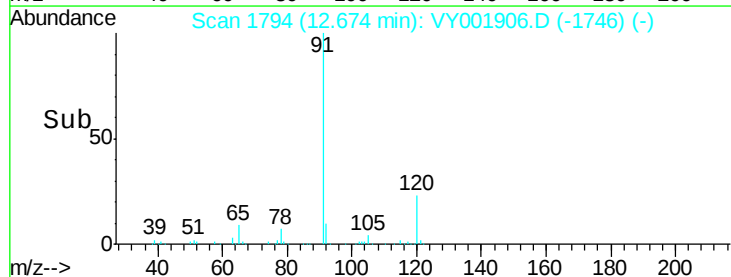
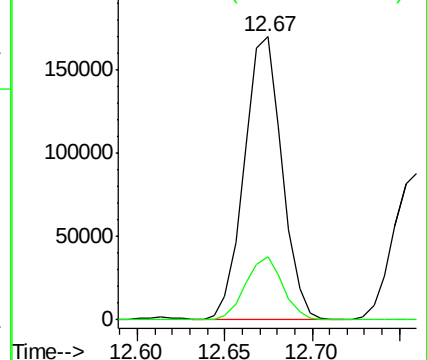
91 100

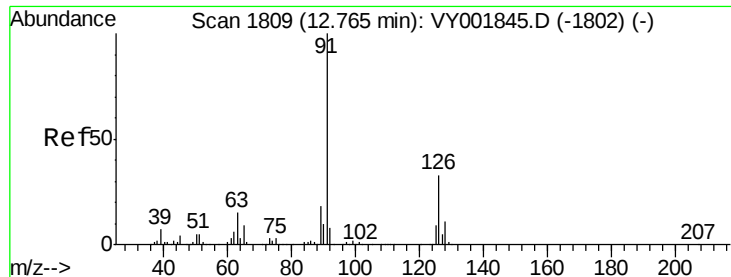
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.027 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 91 Resp: 138275

Ion Ratio Lower Upper

91 100

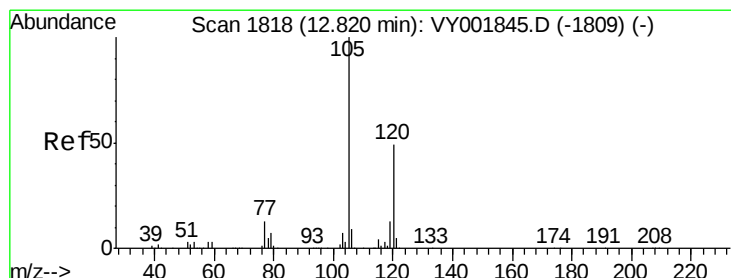
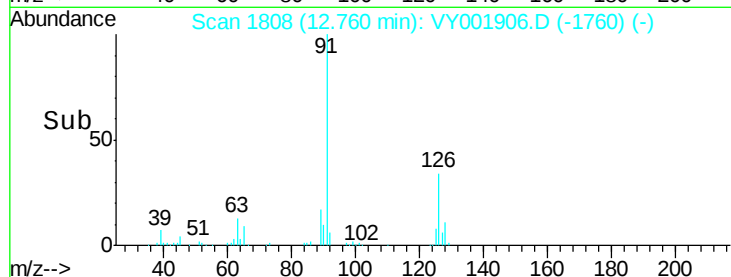
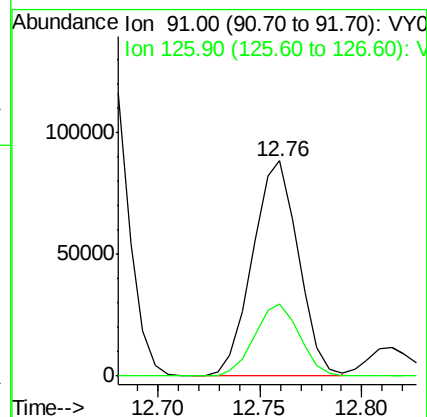
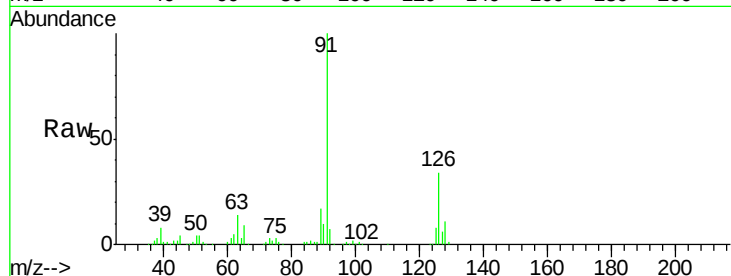
126 33.2 16.3 48.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.617 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001906.D

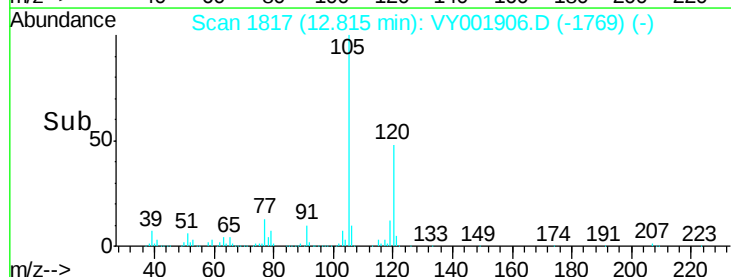
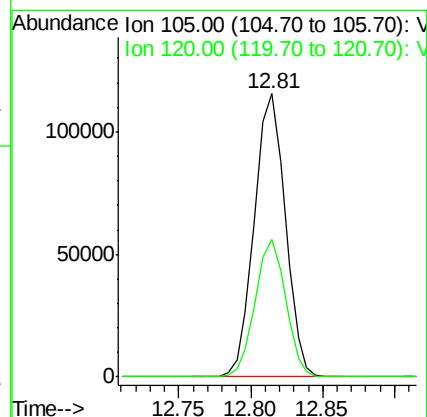
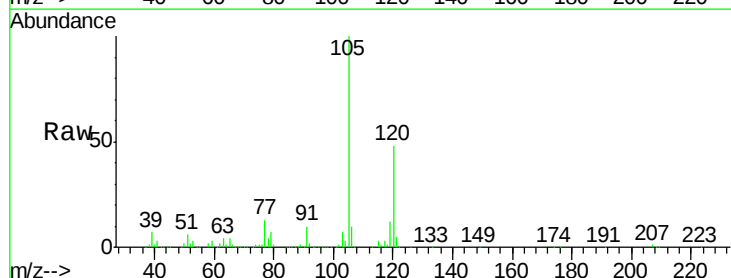
Acq: 09 Mar 2020 13:02

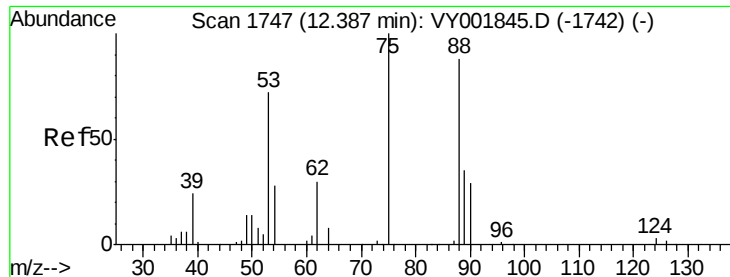
Tgt Ion: 105 Resp: 171929

Ion Ratio Lower Upper

105 100

120 47.8 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.085 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion: 75 Resp: 15656

Ion Ratio Lower Upper

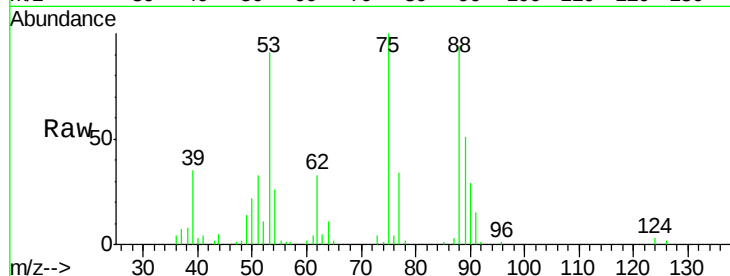
75 100

53 87.2 65.4 98.0

89 45.4 36.0 54.0

Manual Integrations
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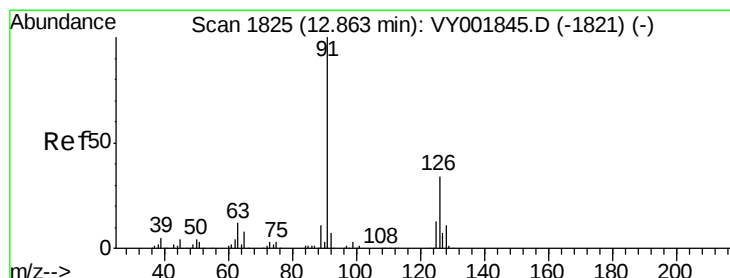
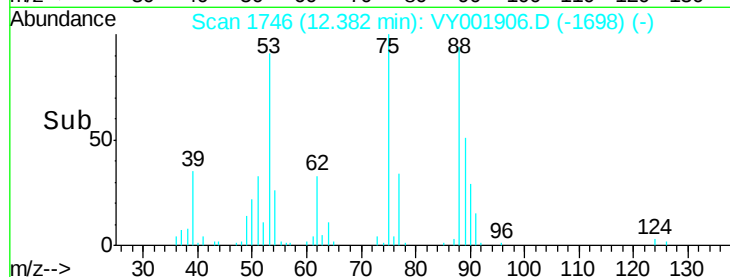
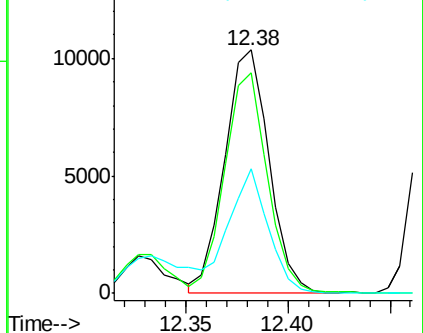
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.358 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001906.D

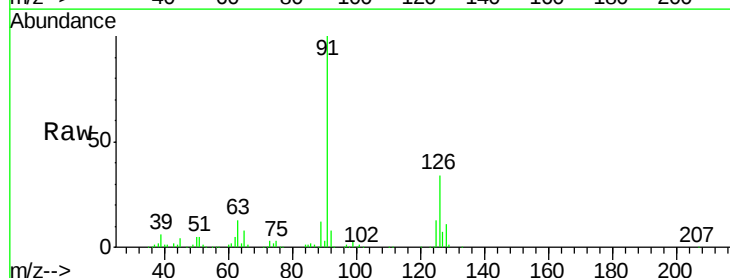
Acq: 09 Mar 2020 13:02

Tgt Ion: 91 Resp: 146353

Ion Ratio Lower Upper

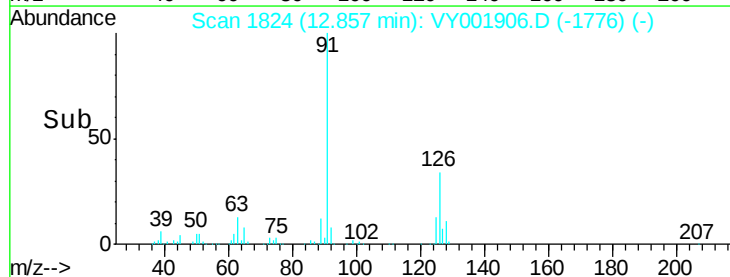
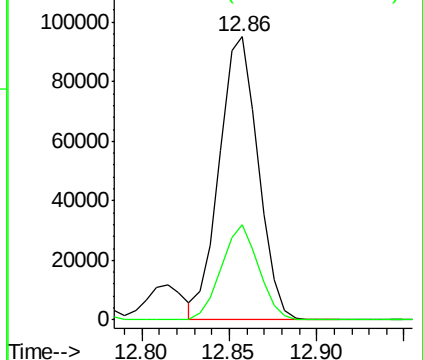
91 100

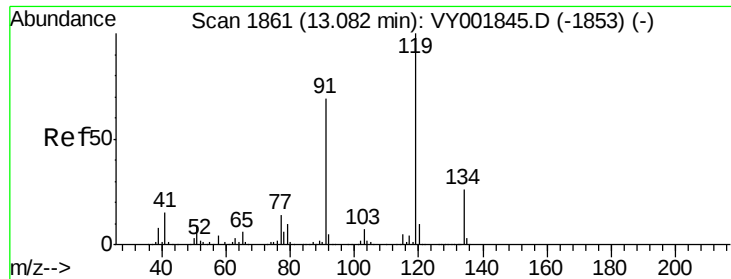
126 32.4 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





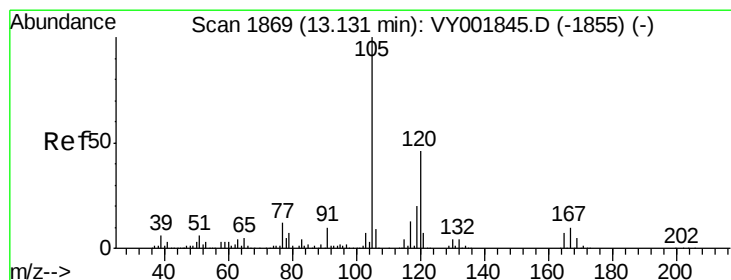
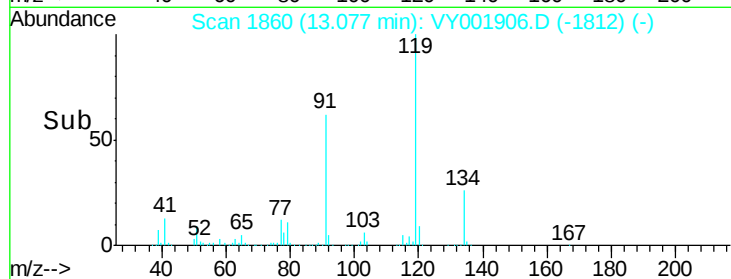
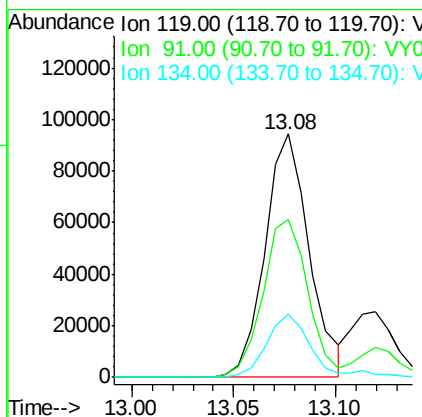
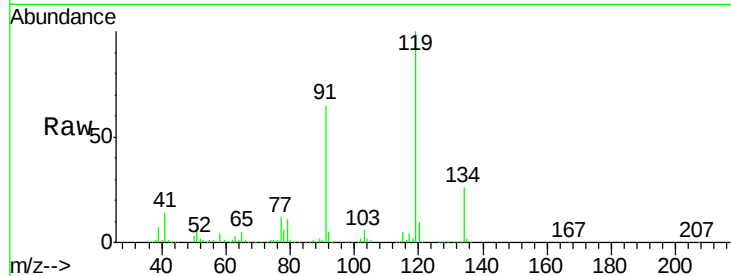
#83
 tert-Butylbenzene
 Concen: 20.524 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	142155		
91	65.8	34.0	101.8	
134	26.6	13.5	40.4	

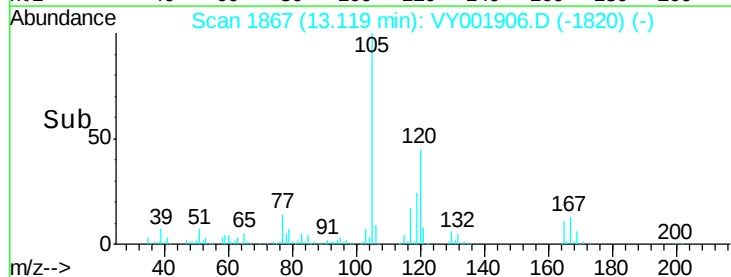
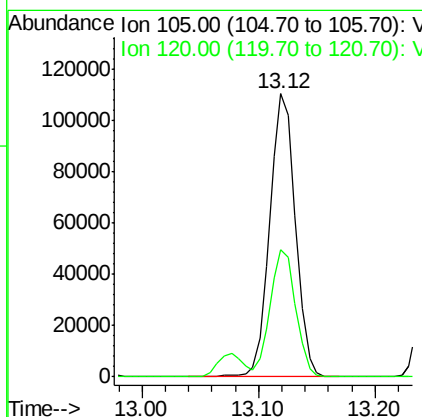
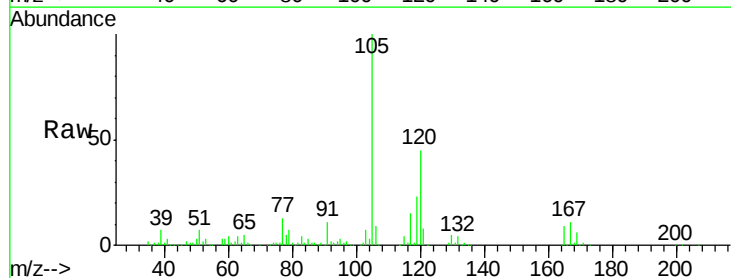
Manual Integrations
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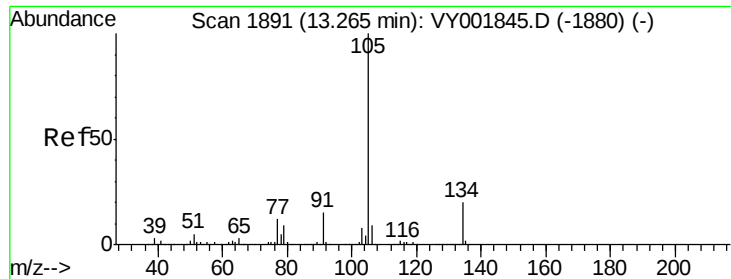
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.420 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168996		
120	44.8	22.6	67.7	





#85

sec-Butylbenzene

Concen: 20.702 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBS01

Tot Ion:105 Resp: 211359

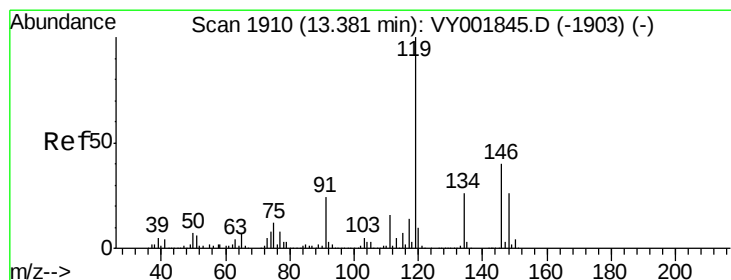
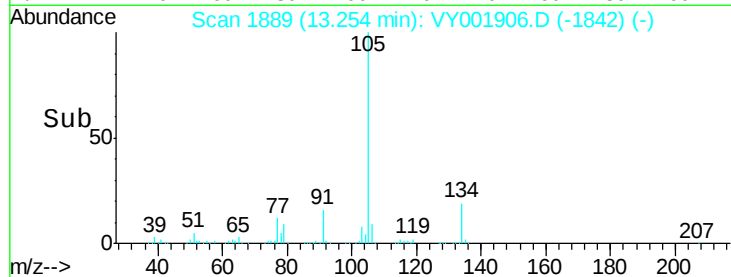
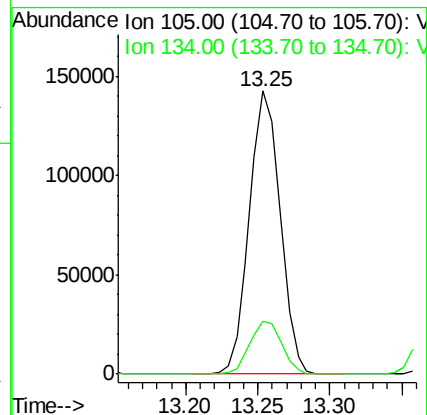
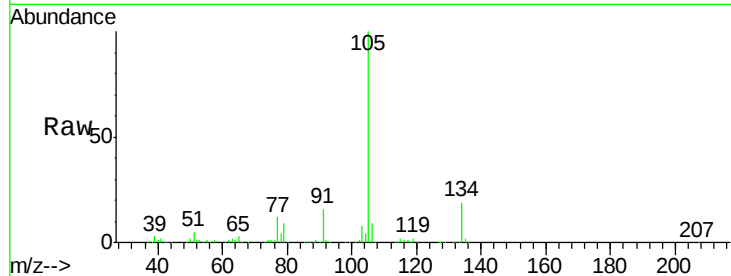
Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 21.030 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

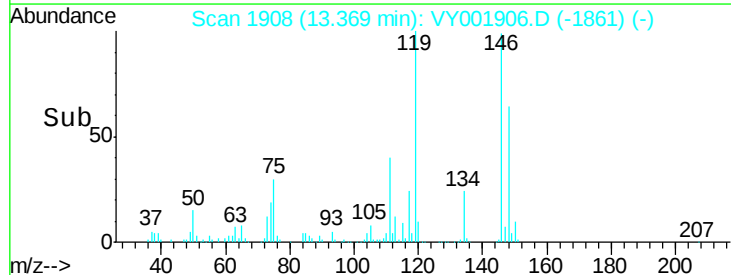
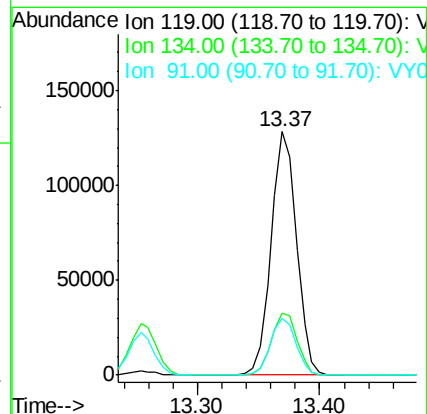
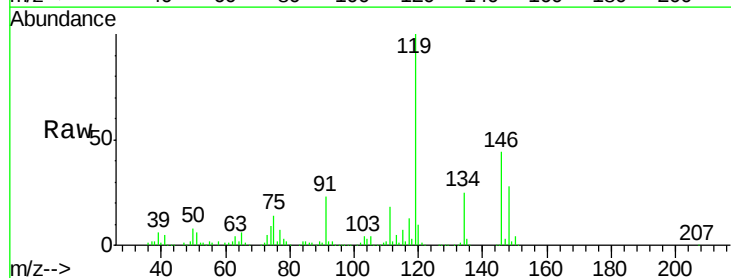
Tgt Ion:119 Resp: 185213

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.5 11.9 35.7





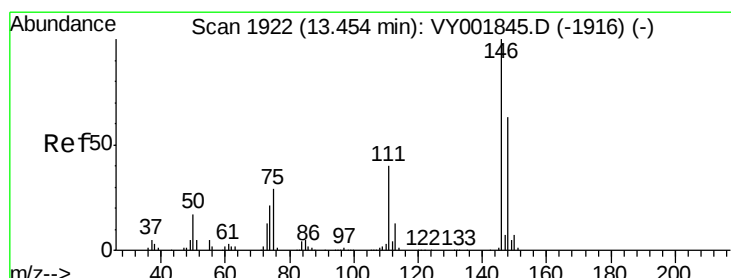
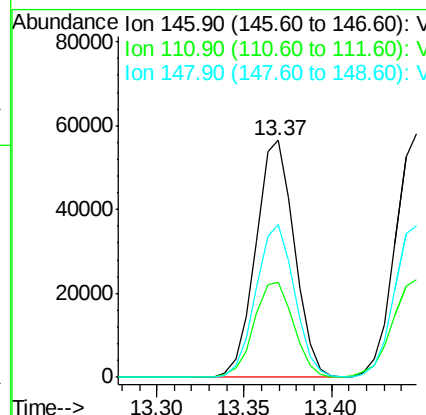
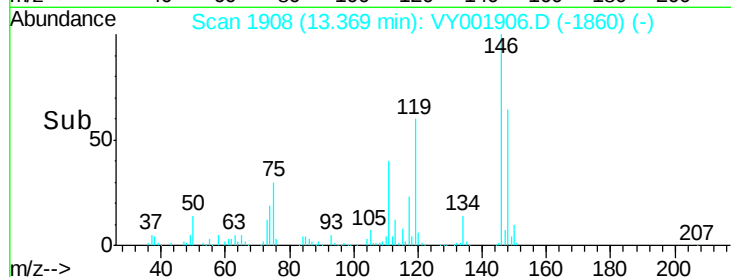
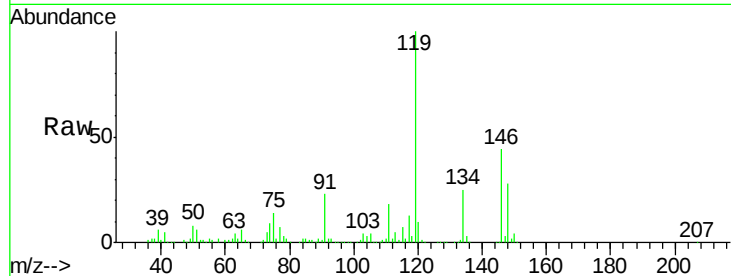
#87
 1,3-Dichlorobenzene
 Concen: 20.631 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.5
148	64.4	31.4	94.0

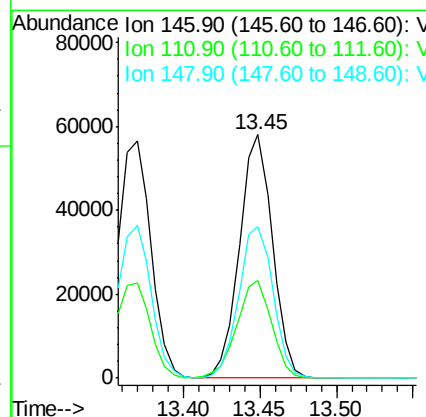
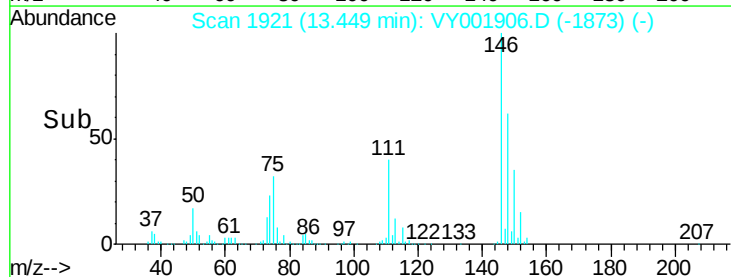
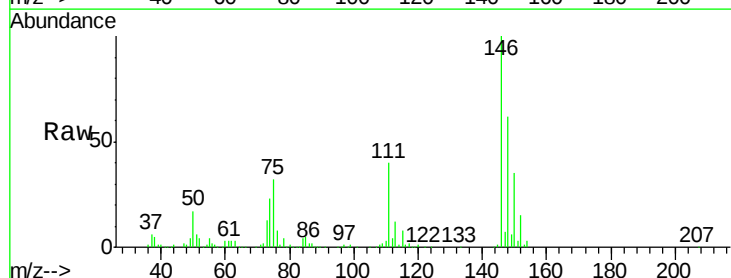
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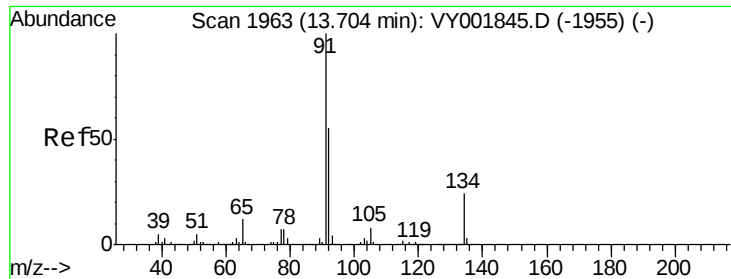
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#88
 1,4-Dichlorobenzene
 Concen: 20.437 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.0	60.0
148	64.6	31.5	94.5





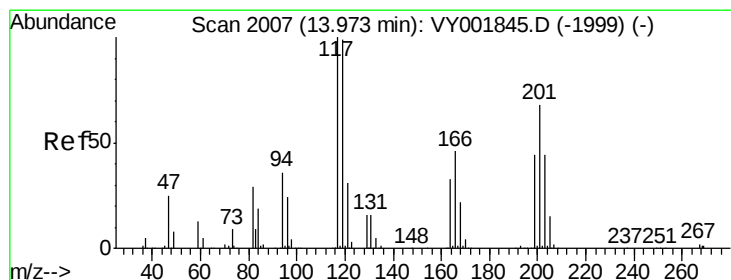
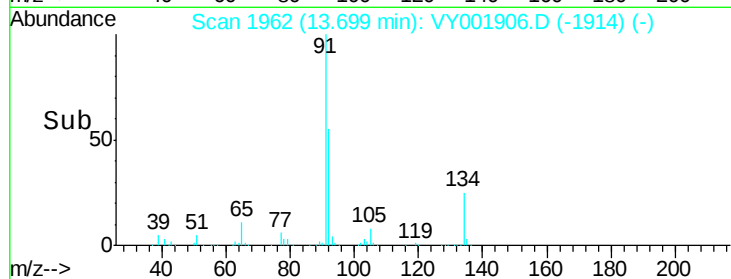
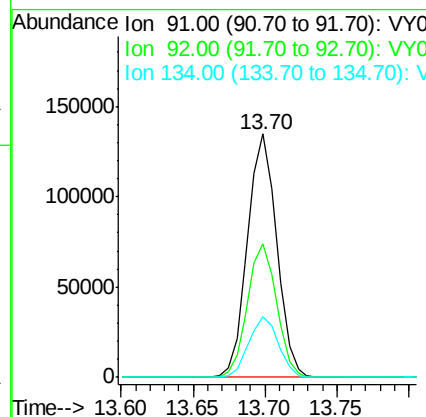
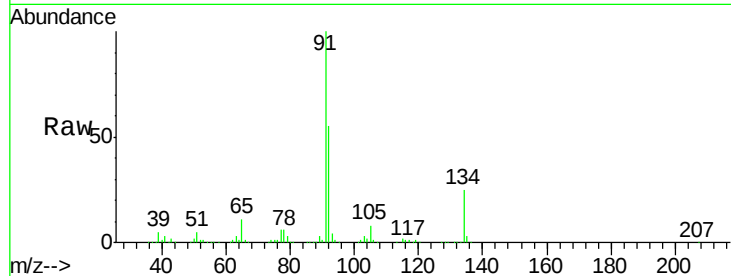
#89
n-Butylbenzene
Concen: 20.715 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	189273		
92	54.8		27.5	82.4
134	25.2		12.5	37.5

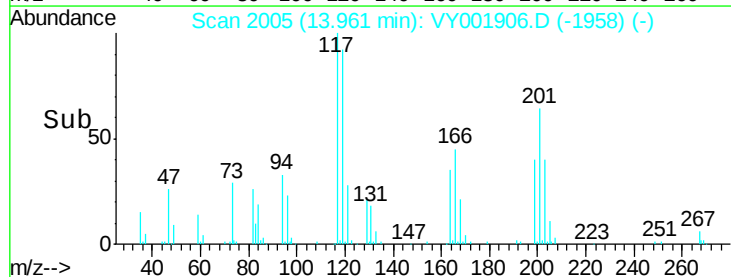
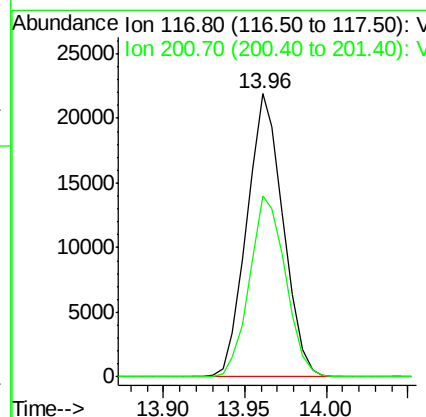
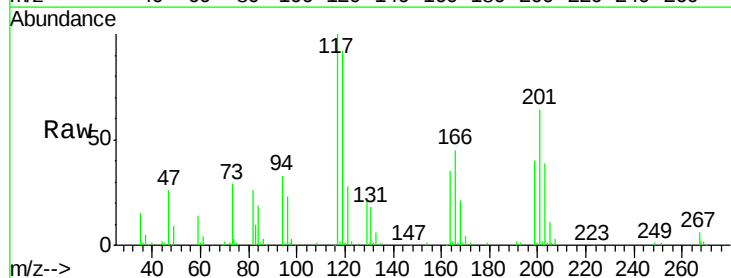
Manual Integrations
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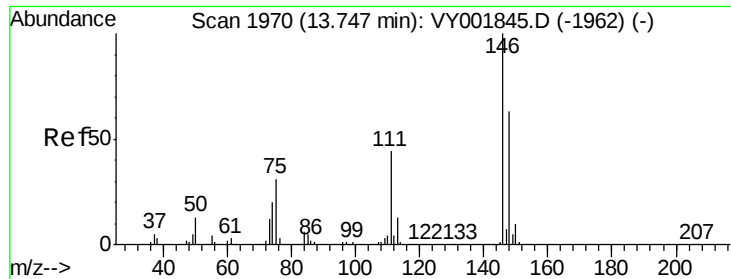
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#90
Hexachloroethane
Concen: 20.374 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33850		
201	63.4		32.5	97.5





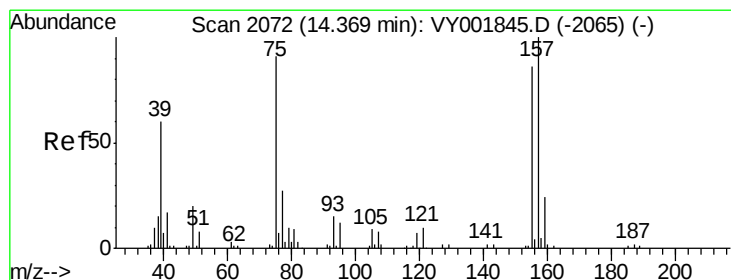
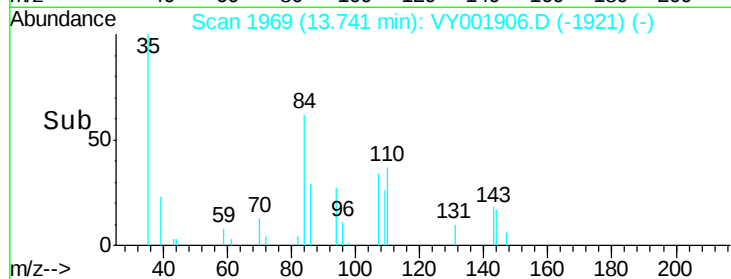
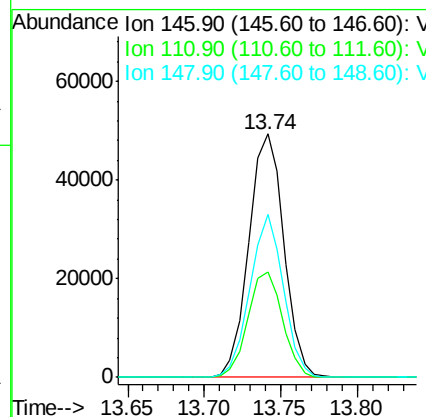
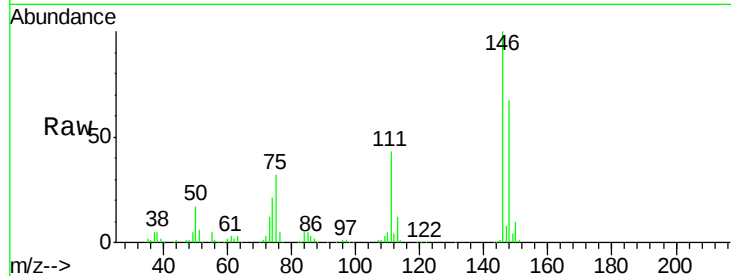
#91
 1,2-Dichlorobenzene
 Concen: 20.572 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.5	64.5
148	63.9	32.0	96.0

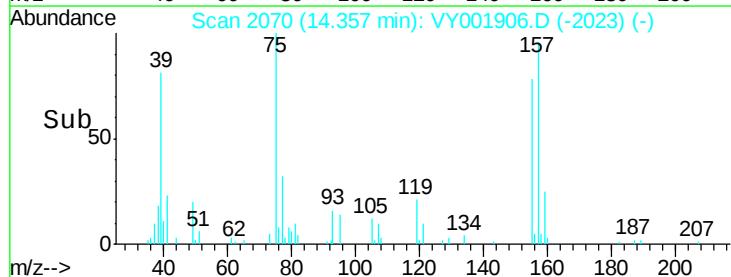
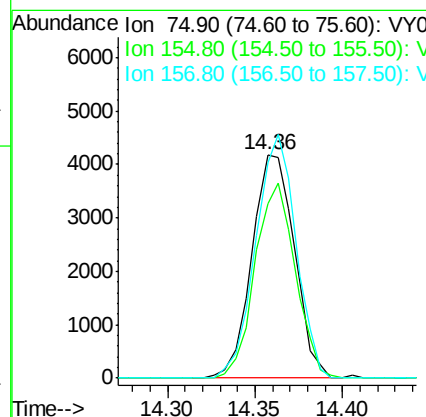
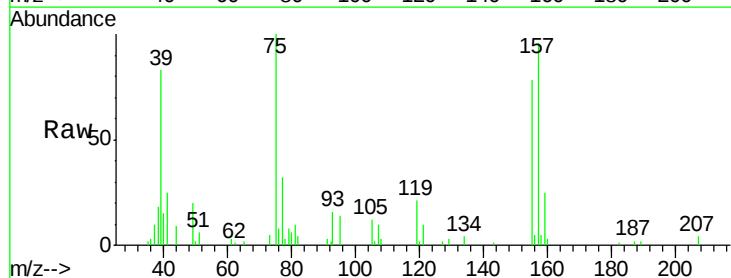
Manual Integrations
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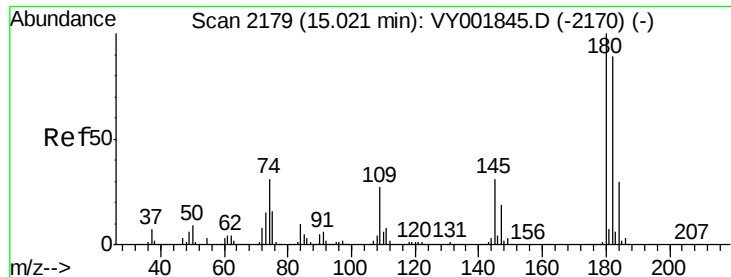
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.711 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001906.D
 Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.9	128.7
157	103.2	53.1	159.4





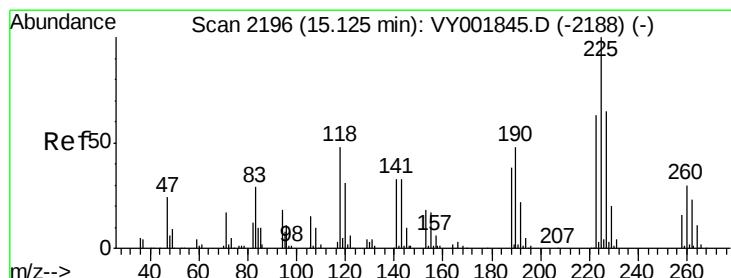
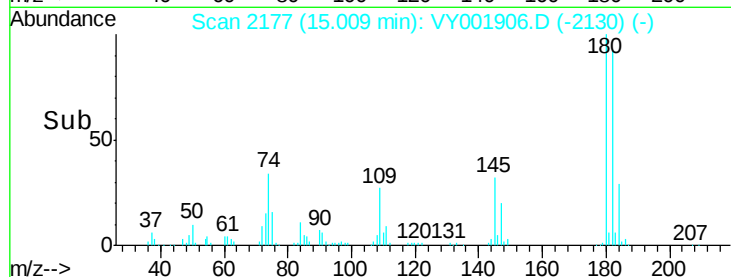
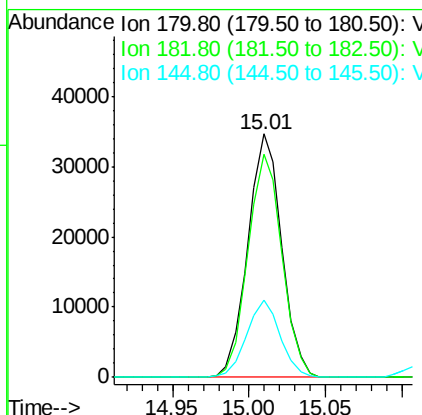
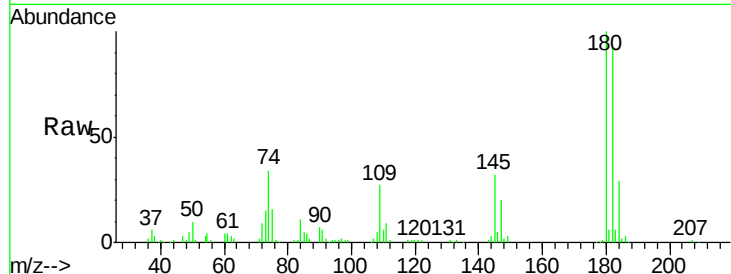
#93
1,2,4-Trichlorobenzene
Concen: 21.494 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.1	138.3
145	31.3	15.6	46.8

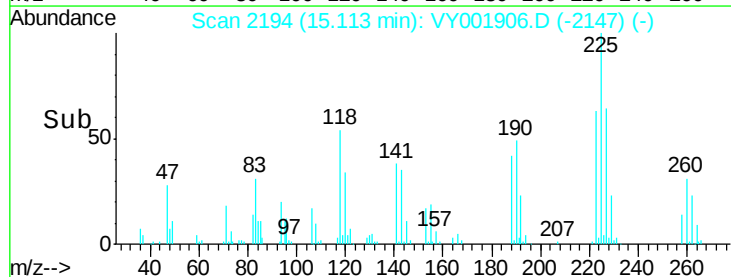
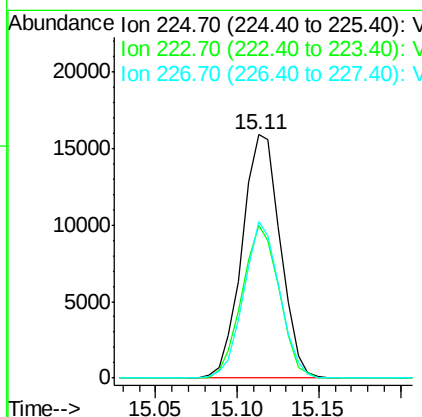
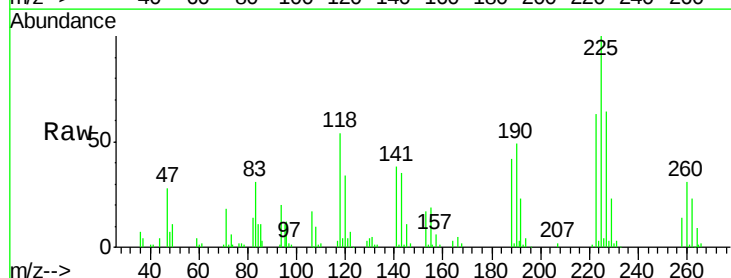
Manual Integrations
APPROVED

MMDadoda
3/10/2020 2:56:45 PM



#94
Hexachlorobutadiene
Concen: 21.495 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001906.D
Acq: 09 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.5	94.5
227	60.3	31.9	95.5





#95

Naphthalene

Concen: 20.748 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Instrument :

MSVOA_Y

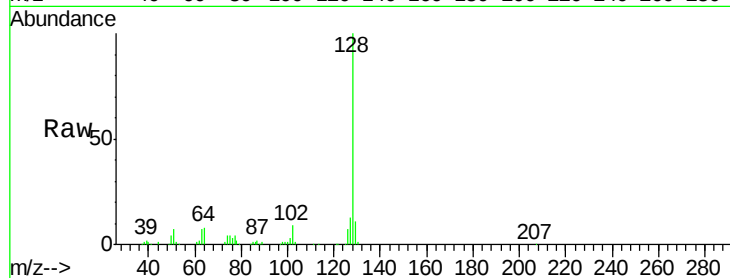
ClientSampleId :

VY0309SBS01

Tot Ion:	128	Resp:	121944
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

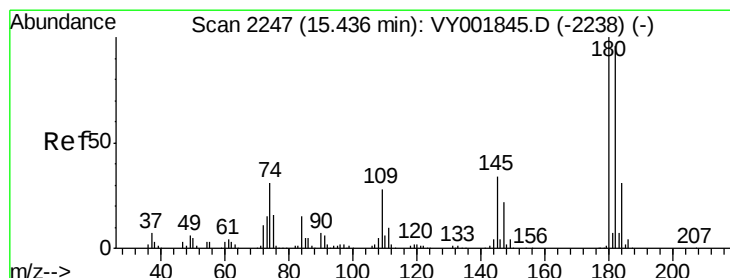
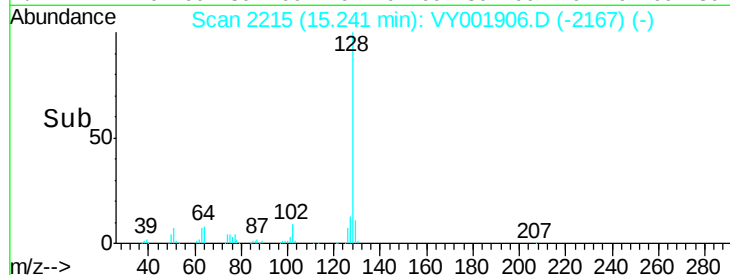
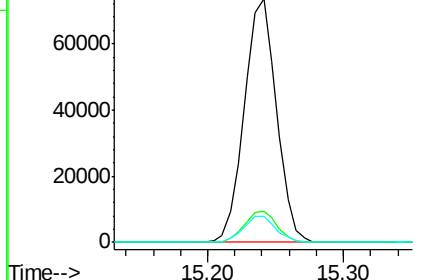
MMDadoda
3/10/2020 2:56:45 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.367 ug/l

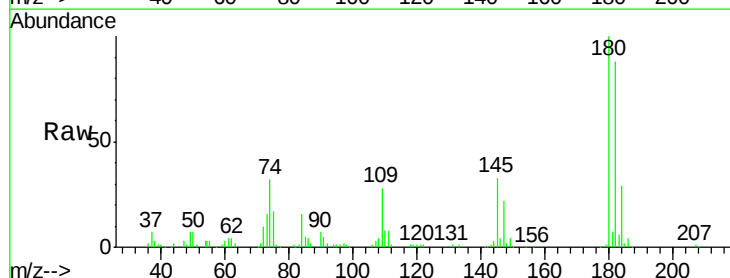
RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY001906.D

Acq: 09 Mar 2020 13:02

Tgt Ion:	180	Resp:	46641
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.6	142.9
145	33.3	16.8	50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

