

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001776.D
 Acq On : 26 Feb 2020 11:45
 Operator : SY/MD
 Sample : VY0226SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:48 AM

Quant Time: Feb 26 15:55:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	182445	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	330513	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	297953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	140358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	101565	51.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.73	113	94695	50.02	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.19	98	395932	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.49	95	139228	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	31419	17.667	ug/l	98
3) Chloromethane	2.12	50	48967	20.471	ug/l	99
4) Vinyl Chloride	2.26	62	45905	19.026	ug/l	99
5) Bromomethane	2.65	94	30191	20.022	ug/l	98
6) Chloroethane	2.80	64	29591	19.903	ug/l	99
7) Trichlorofluoromethane	3.13	101	62267	20.165	ug/l	98
8) Diethyl Ether	3.54	74	25542	20.982	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39812	20.512	ug/l	98
10) Methyl Iodide	4.10	142	46954	19.767	ug/l	99
11) Tert butyl alcohol	4.97	59	29285	115.151	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	41204	20.815	ug/l	93
13) Acrolein	3.74	56	16398	82.735	ug/l	98
14) Allyl chloride	4.49	41	73212	20.781	ug/l	98
15) Acrylonitrile	5.18	53	64621	103.565	ug/l	100
16) Acetone	3.96	43	56803	83.653	ug/l	94
17) Carbon Disulfide	4.20	76	127560	19.301	ug/l	98
18) Methyl Acetate	4.49	43	32794	22.177	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	112797	20.466	ug/l	94
20) Methylene Chloride	4.72	84	52080	21.593	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	46163	20.439	ug/l	95
22) Diisopropyl ether	6.13	45	153500	21.216	ug/l	97
23) Vinyl Acetate	6.07	43	471763	99.964	ug/l	100
24) 1,1-Dichloroethane	6.03	63	82642	21.371	ug/l	99
25) 2-Butanone	7.00	43	85516	92.706	ug/l	94
26) 2,2-Dichloropropane	6.99	77	68885	20.475	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	52532	21.072	ug/l	98
28) Bromochloromethane	7.35	49	32399	20.113	ug/l	98
29) Tetrahydrofuran	7.36	42	55093	98.814	ug/l	98
30) Chloroform	7.52	83	78067	20.661	ug/l	99
31) Cyclohexane	7.79	56	81380	19.738	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	65262	20.551	ug/l	98
36) 1,1-Dichloropropene	7.93	75	63168	20.009	ug/l	98
37) Ethyl Acetate	7.08	43	38111	20.226	ug/l	99
38) Carbon Tetrachloride	7.91	117	55098	19.869	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	81163	19.378	ug/l	98
40) Benzene	8.17	78	193001	20.786	ug/l	98
41) Methacrylonitrile	7.34	41	23349m	24.679	ug/l	
42) 1,2-Dichloroethane	8.25	62	50806	20.085	ug/l	100
43) Isopropyl Acetate	8.28	43	70642	19.759	ug/l	99
44) Trichloroethene	8.94	130	44826	19.340	ug/l	99
45) 1,2-Dichloropropane	9.22	63	49496	21.286	ug/l	99
46) Dibromomethane	9.32	93	24575	20.206	ug/l	100
47) Bromodichloromethane	9.50	83	58586	19.959	ug/l	98
48) Methyl methacrylate	9.30	41	30959	19.147	ug/l	98
49) 1,4-Dioxane	9.31	88	6578	382.928	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	179773	97.868	ug/l	99
52) Toluene	10.25	92	118059	20.384	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	64314	19.819	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	75244	20.146	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	37075	20.673	ug/l	98
56) Ethyl methacrylate	10.52	69	53324	19.820	ug/l	98
57) 1,3-Dichloropropane	10.80	76	64464	20.230	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	138407	127.418	ug/l	99
59) 2-Hexanone	10.84	43	126878	92.058	ug/l	99
60) Dibromochloromethane	10.99	129	39567	20.011	ug/l	99
61) 1,2-Dibromoethane	11.10	107	33968	20.032	ug/l	97
64) Tetrachloroethene	10.72	164	38482	20.574	ug/l	95
65) Chlorobenzene	11.52	112	121333	20.397	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	41057	20.461	ug/l	99
67) Ethyl Benzene	11.60	91	226848	20.549	ug/l	100
68) m/p-Xylenes	11.70	106	170341	41.308	ug/l	99
69) o-Xylene	12.03	106	81423	20.769	ug/l	97
70) Styrene	12.05	104	137759	20.219	ug/l	98
71) Bromoform	12.21	173	21418	18.677	ug/l #	100
73) Isopropylbenzene	12.33	105	216345	20.233	ug/l	99
74) N-amyl acetate	12.15	43	64993	19.045	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	45262	19.825	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	30494m	18.939	ug/l	
77) Bromobenzene	12.61	156	47018	20.284	ug/l	96
78) n-propylbenzene	12.67	91	271757	20.868	ug/l	100
79) 2-Chlorotoluene	12.76	91	149610	20.483	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	179356	20.263	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	15746	18.554	ug/l	97
82) 4-Chlorotoluene	12.86	91	155564	20.194	ug/l	98
83) tert-Butylbenzene	13.08	119	149202	20.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	181983	20.623	ug/l	100
85) sec-Butylbenzene	13.26	105	221927	20.383	ug/l	100
86) p-Isopropyltoluene	13.38	119	196192	20.742	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	93393	20.775	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	91567	20.150	ug/l	99
89) n-Butylbenzene	13.70	91	198488	20.537	ug/l	99
90) Hexachloroethane	13.96	117	35770	20.072	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	83792	20.197	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7209	19.133	ug/l	98

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QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	54757	19.917	ug/l	99
94) Hexachlorobutadiene	15.12	225	27553	20.152	ug/l	98
95) Naphthalene	15.24	128	122974	19.400	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	47618	19.687	ug/l	98

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

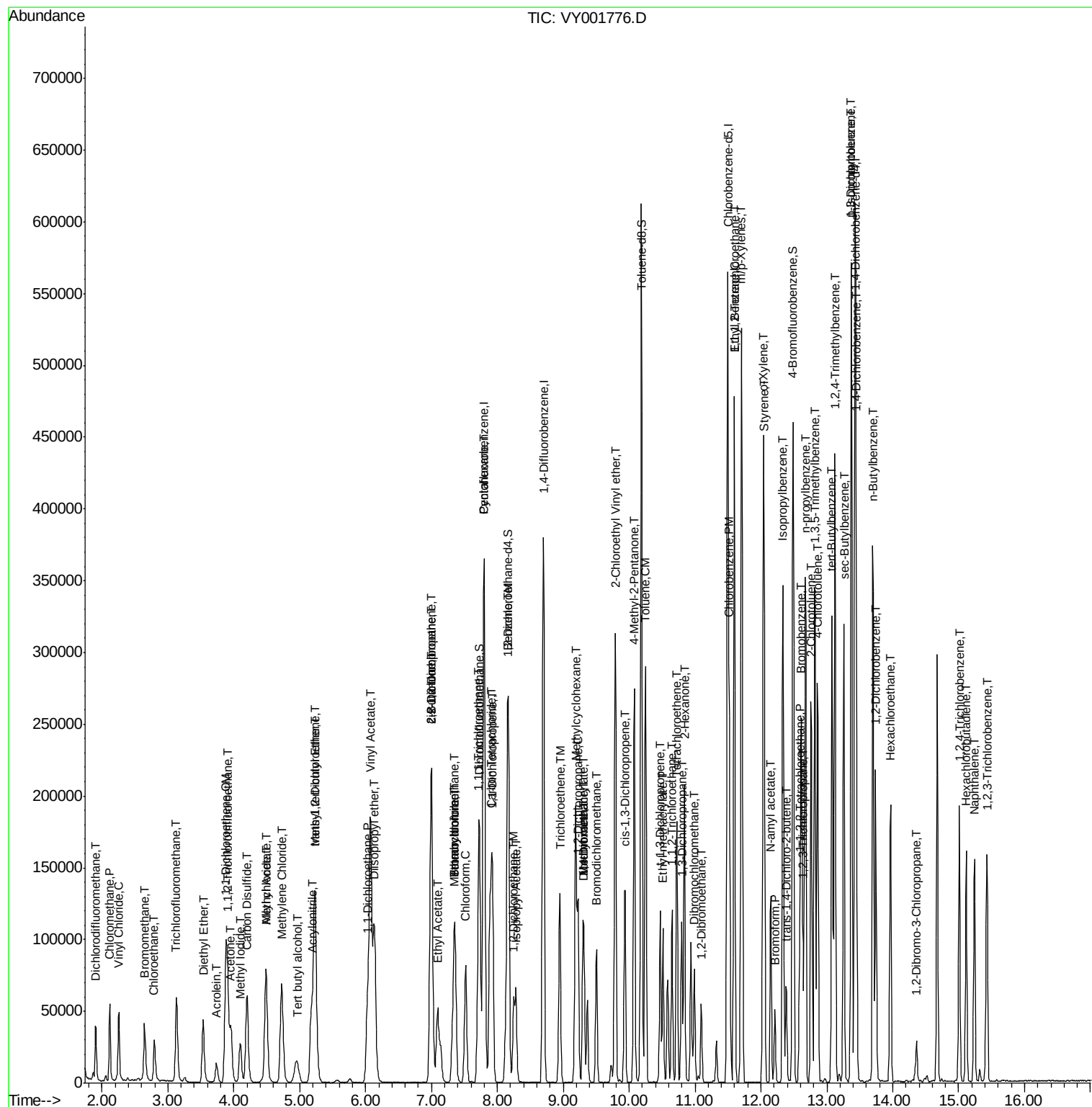
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001776.D
 Acd On : 26 Feb 2020 11:45
 Operator : SY/MD
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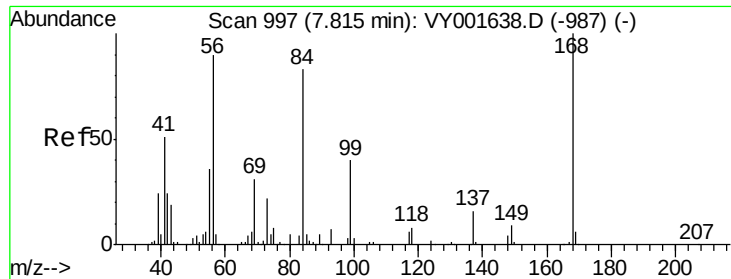
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:168 Resp: 182445

Ion Ratio Lower Upper

168 100

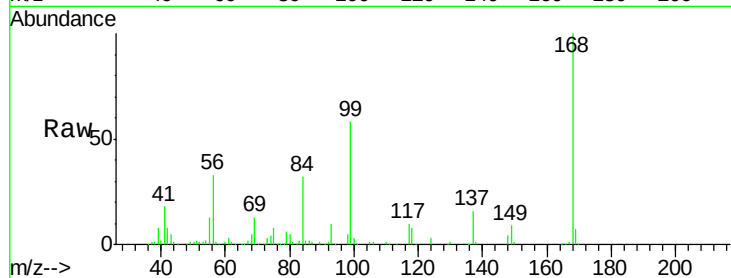
99 57.9 47.5 71.3

Manual Integrations

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2/27/2020 10:45:48 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.80

80000

60000

40000

20000

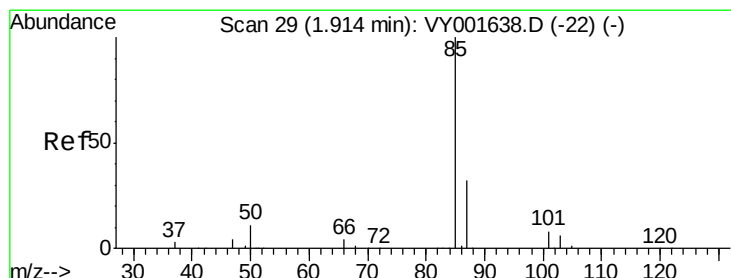
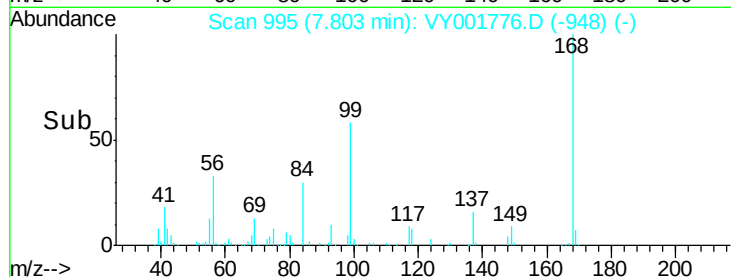
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.667 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001776.D

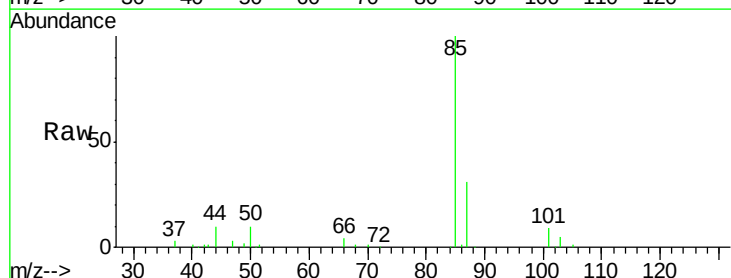
Acq: 26 Feb 2020 11:45

Tgt Ion: 85 Resp: 31419

Ion Ratio Lower Upper

85 100

87 31.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.90

25000

20000

15000

10000

5000

0

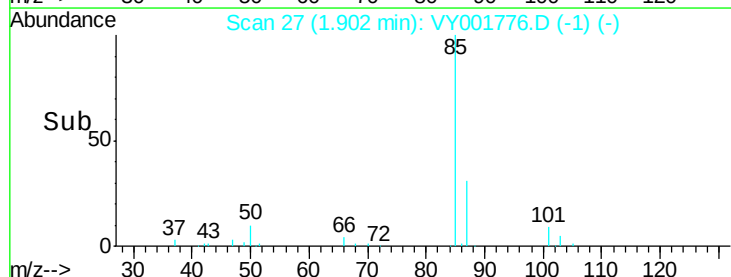
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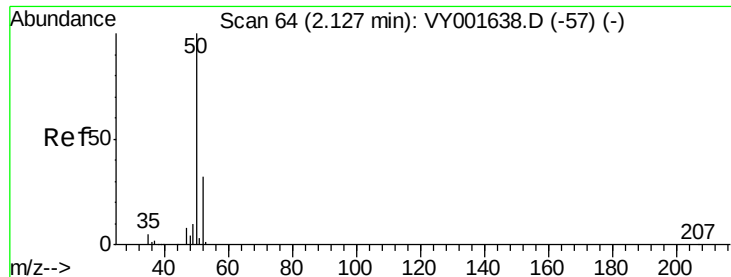
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 20.471 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 50 Resp: 48967

Ion Ratio Lower Upper

50 100

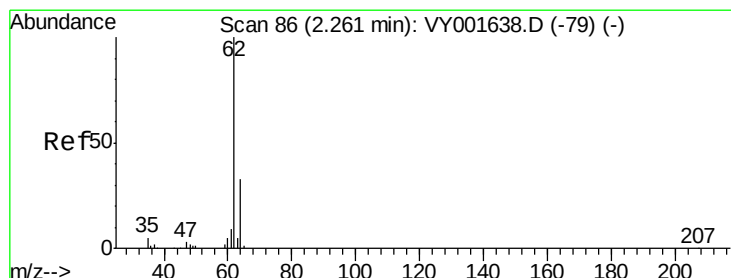
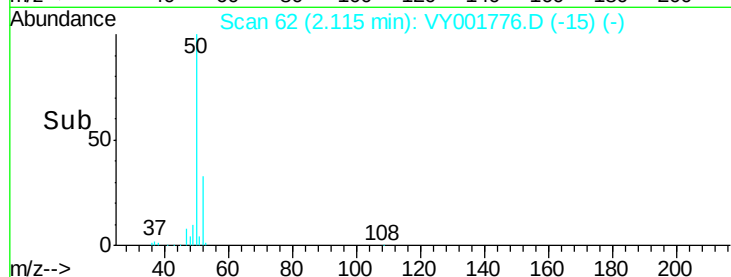
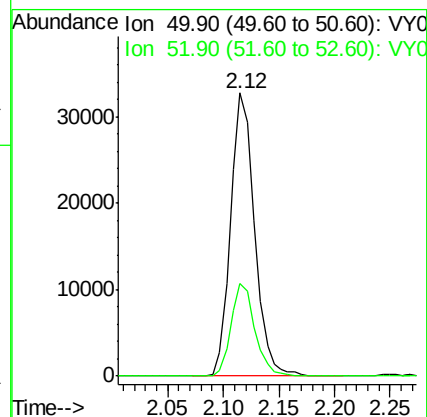
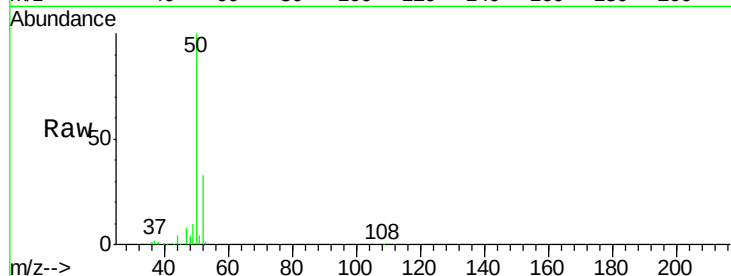
52 32.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.026 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001776.D

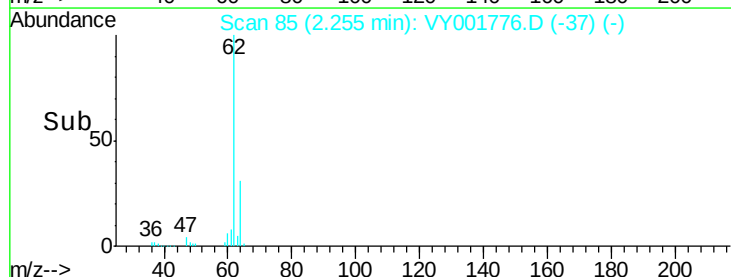
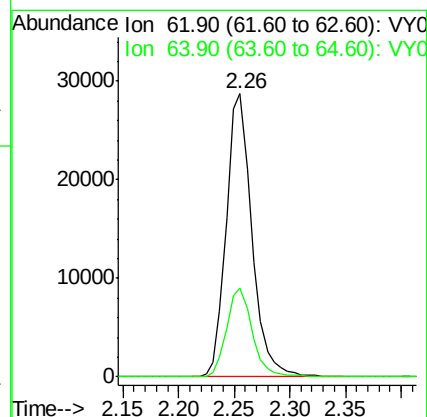
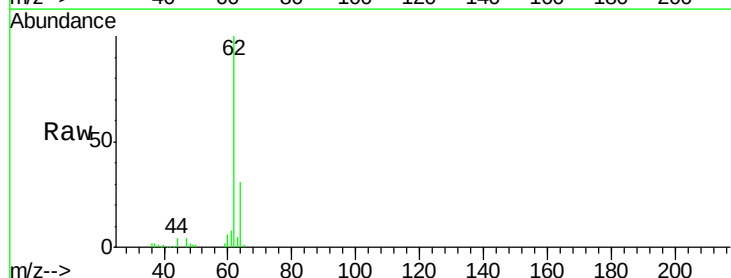
Acq: 26 Feb 2020 11:45

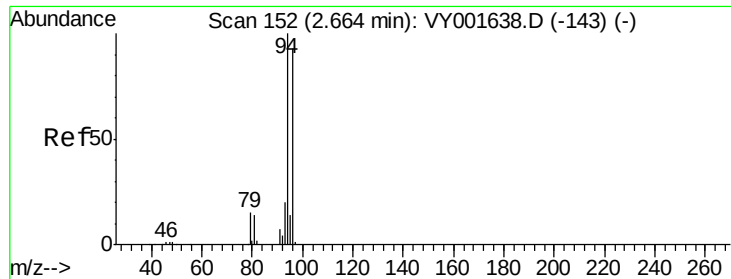
Tgt Ion: 62 Resp: 45905

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3





#5

Bromomethane

Concen: 20.022 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 94 Resp: 30191

Ion Ratio Lower Upper

94 100

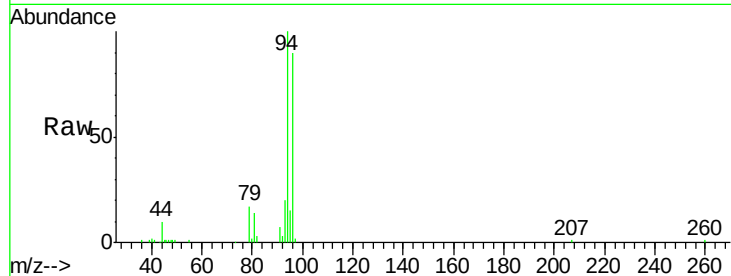
96 90.4 73.7 110.5

Manual Integrations

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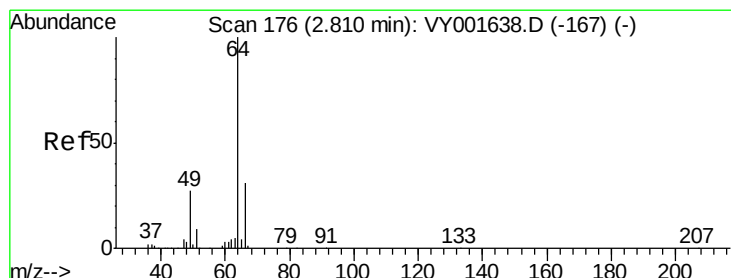
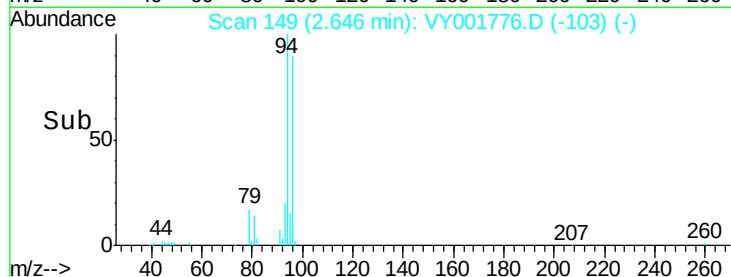
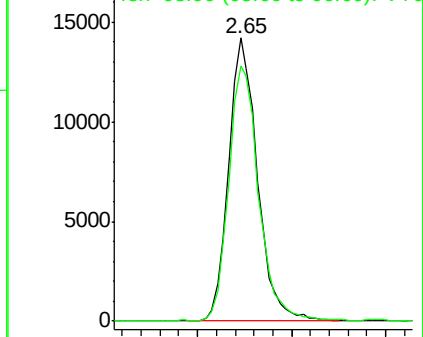
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.903 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001776.D

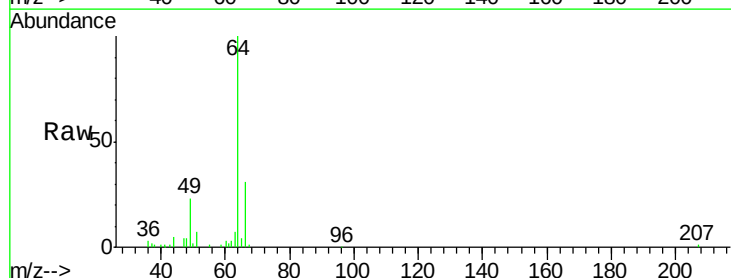
Acq: 26 Feb 2020 11:45

Tgt Ion: 64 Resp: 29591

Ion Ratio Lower Upper

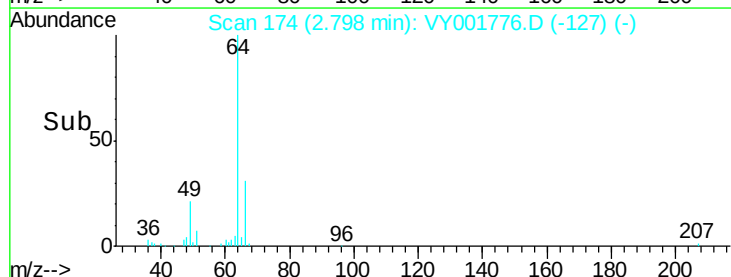
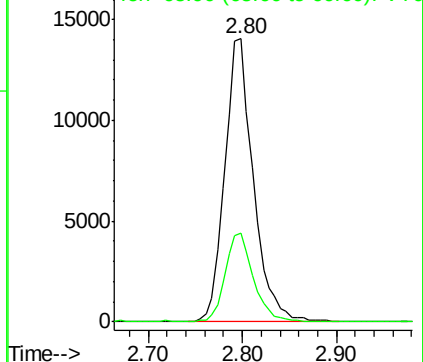
64 100

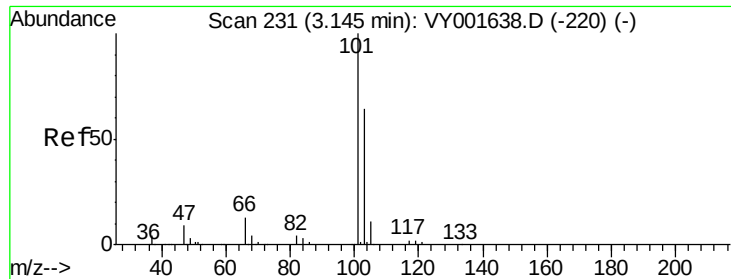
66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

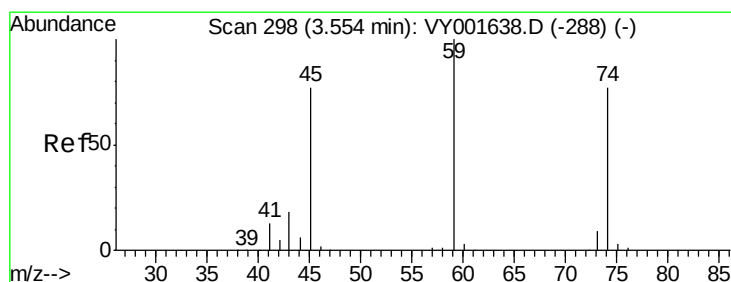
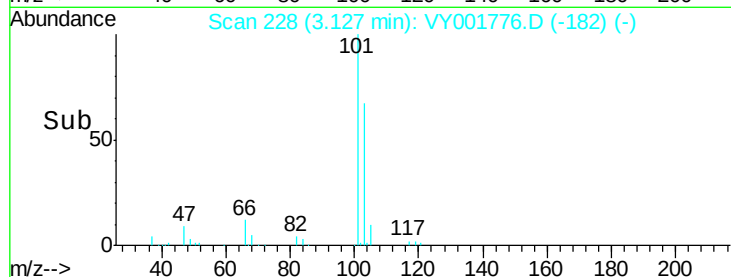
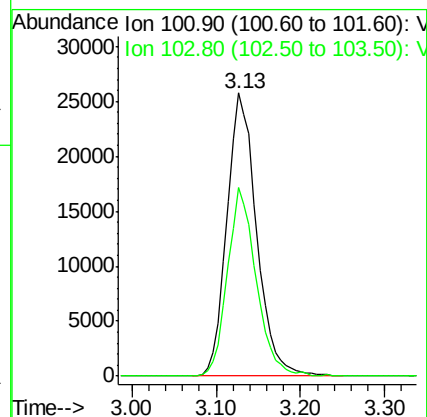
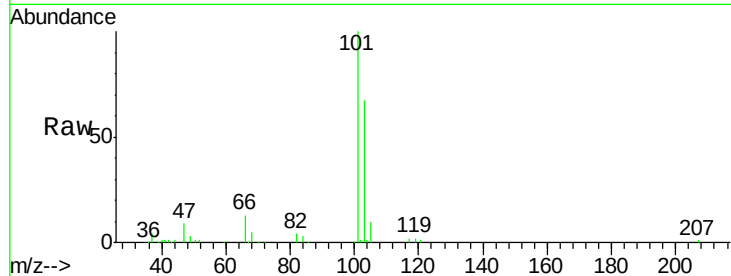
Trichlorofluoromethane
Concen: 20.165 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 62267
Ion Ratio Lower Upper
101 100
103 66.7 52.2 78.2

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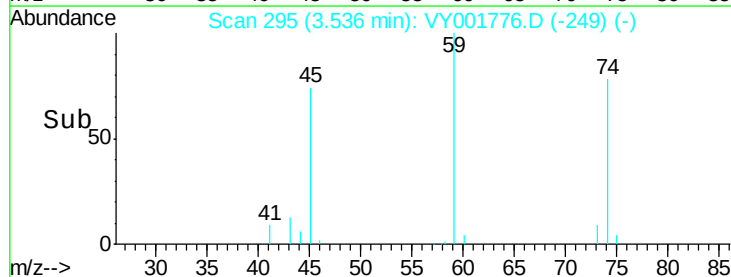
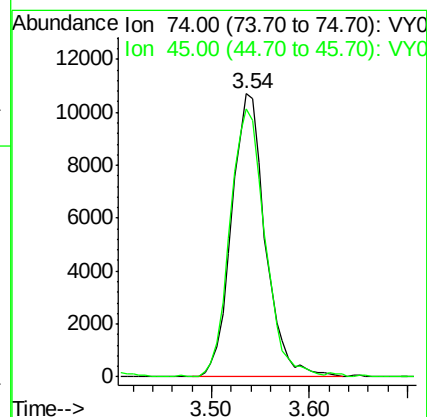
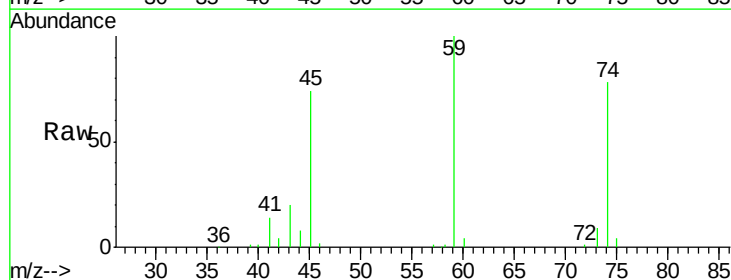
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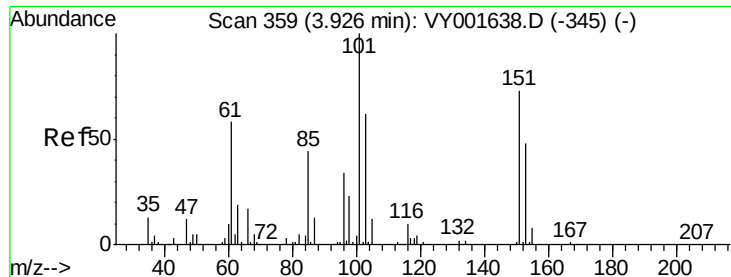


#8

Diethyl Ether
Concen: 20.982 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion: 74 Resp: 25542
Ion Ratio Lower Upper
74 100
45 98.3 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.512 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

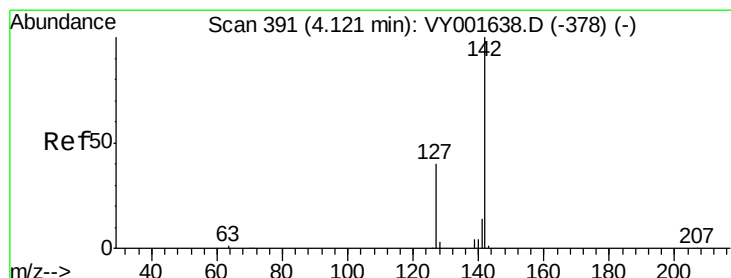
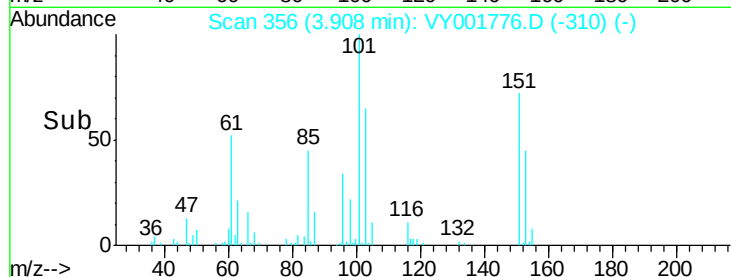
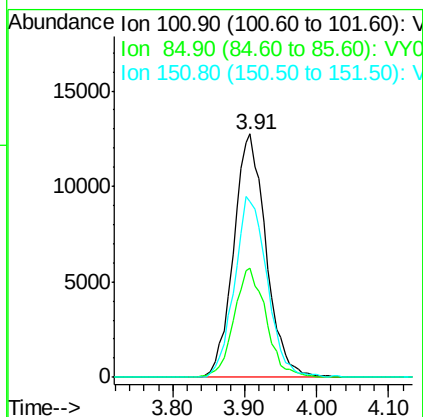
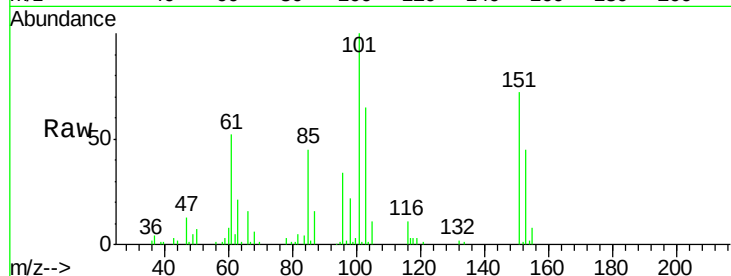
ClientSampleId :

VY0226SBS01

Tot Ion:	101	Resp:	39812
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	74.7	58.4	87.6

Manual Integrations
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2/27/2020 10:45:48 AM



#10

Methyl Iodide

Concen: 19.767 ug/l

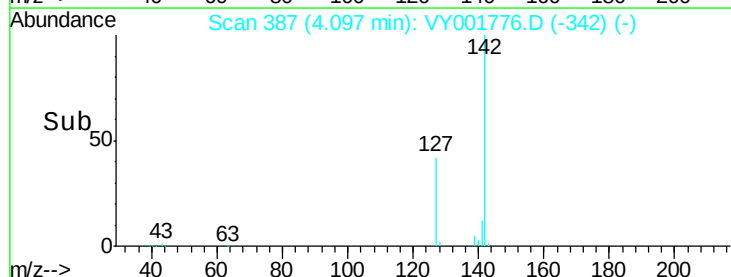
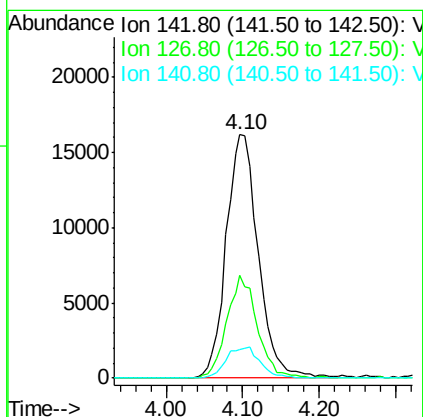
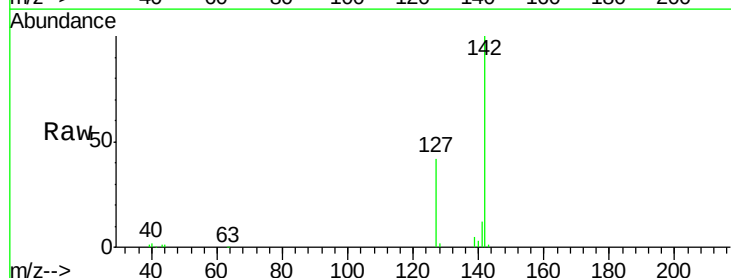
RT: 4.10 min Scan# 387

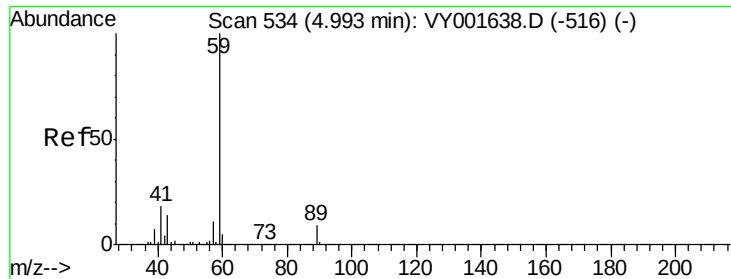
Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	142	Resp:	46954
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.1	48.1
141	13.2	11.3	16.9





#11

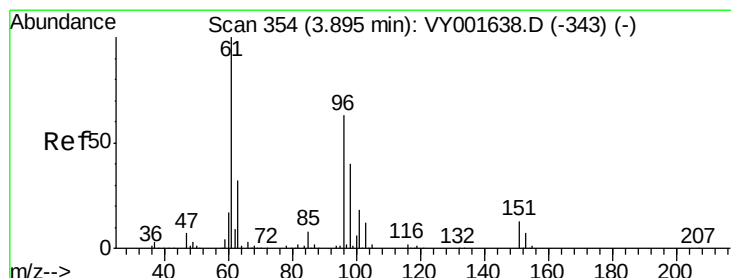
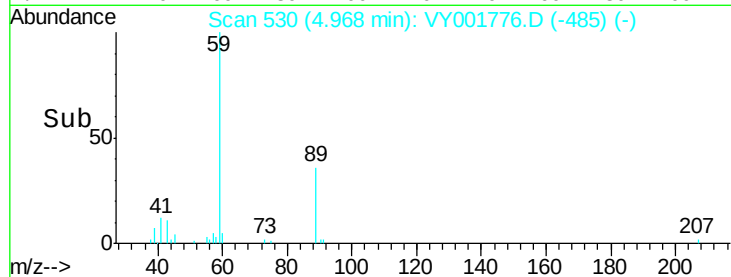
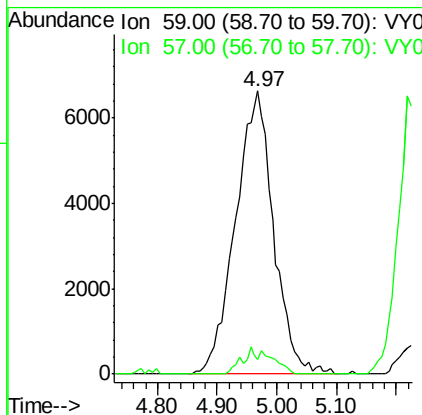
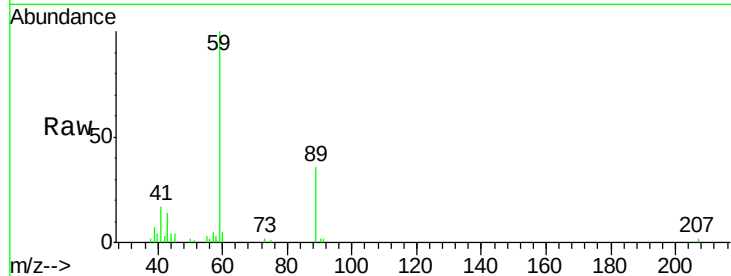
Tert butyl alcohol
Concen: 115.151 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 59 Resp: 29285
Ion Ratio Lower Upper
59 100
57 3.6 7.4 11.2#

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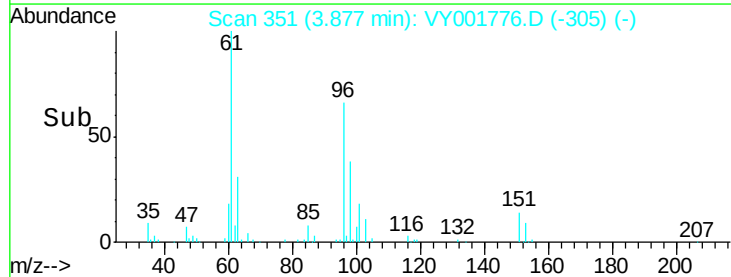
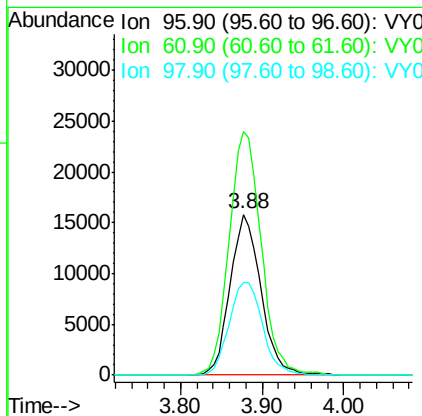
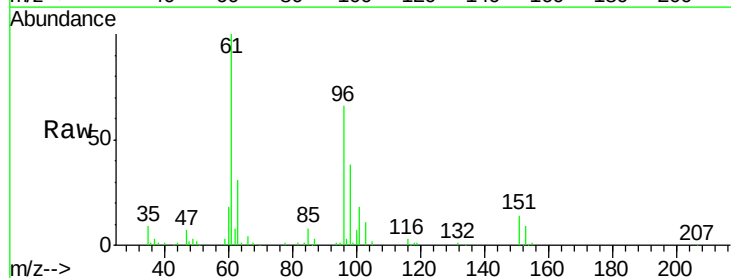
MMDadoda
2/27/2020 10:45:48 AM

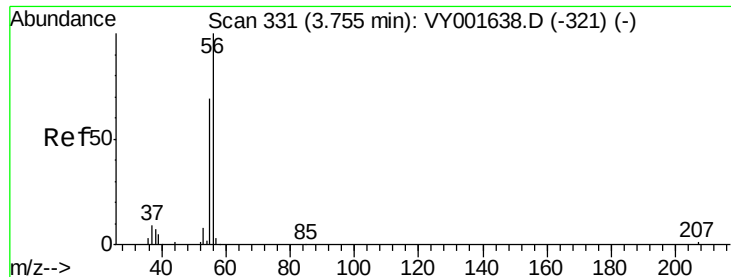


#12

1,1-Dichloroethene
Concen: 20.815 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion: 96 Resp: 41204
Ion Ratio Lower Upper
96 100
61 151.7 128.7 193.1
98 57.3 50.7 76.1





#13

Acrolein

Concen: 82.735 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion: 56 Resp: 16398

Ion Ratio Lower Upper

56 100

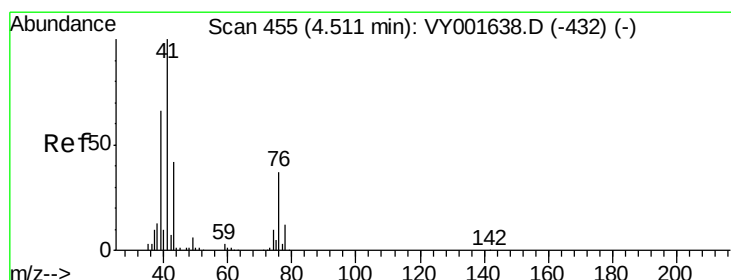
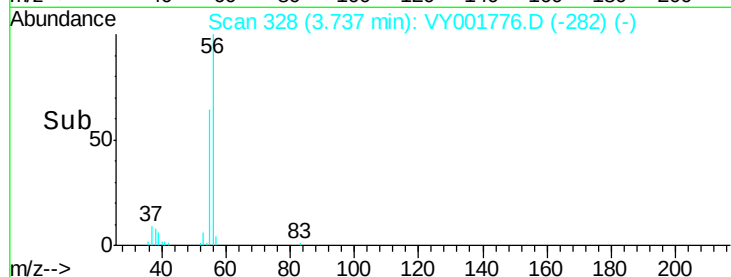
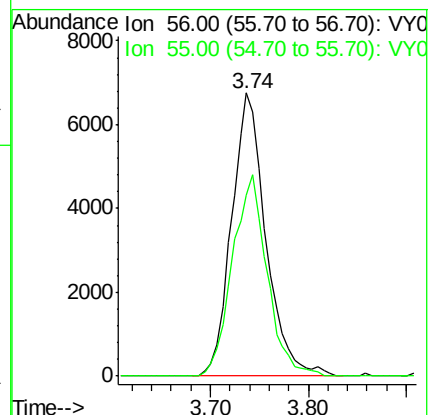
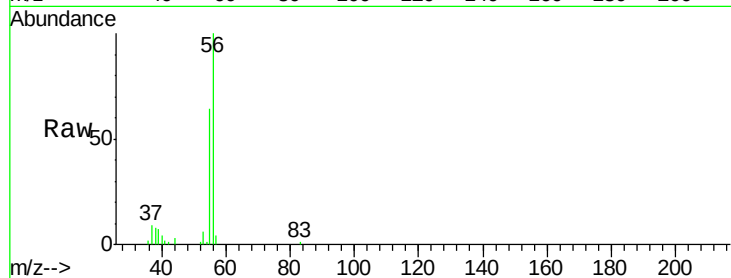
55 71.8 56.1 84.1

Manual Integrations

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MMDadoda

2/27/2020 10:45:48 AM



#14

Allyl chloride

Concen: 20.781 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

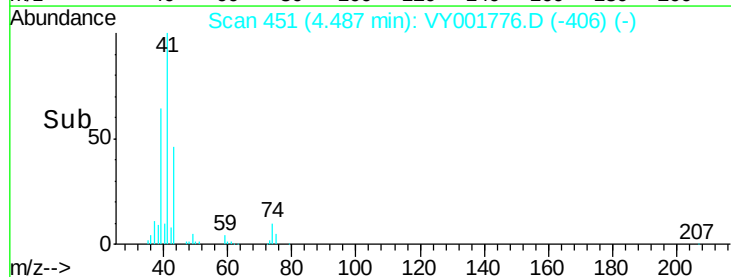
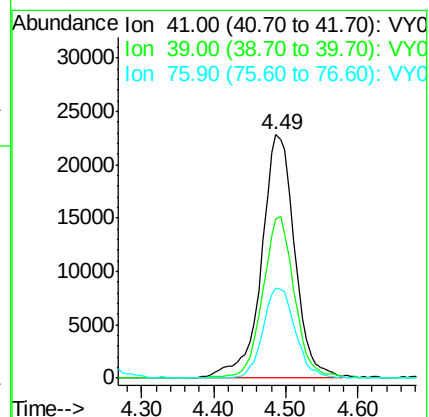
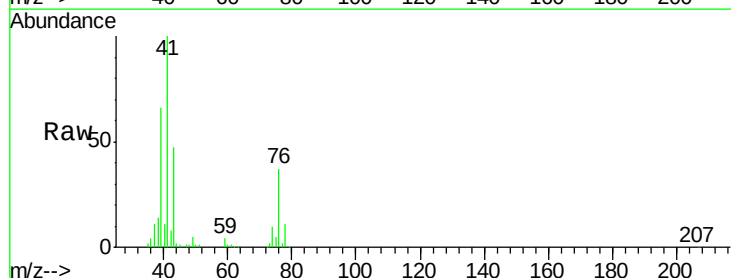
Tgt Ion: 41 Resp: 73212

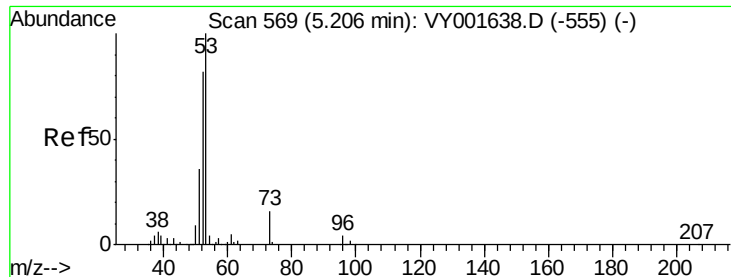
Ion Ratio Lower Upper

41 100

39 63.4 49.4 74.0

76 35.9 29.0 43.6





#15

Acrylonitrile

Concen: 103.565 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

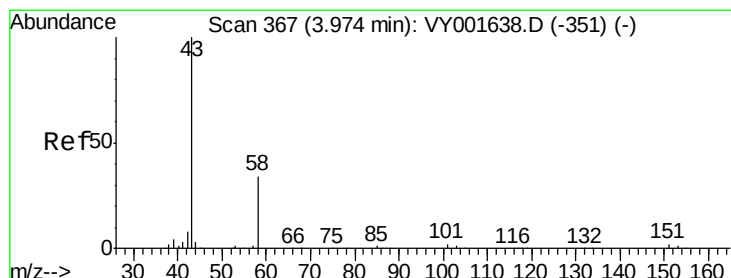
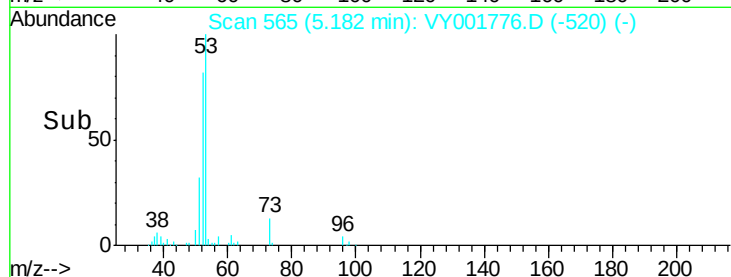
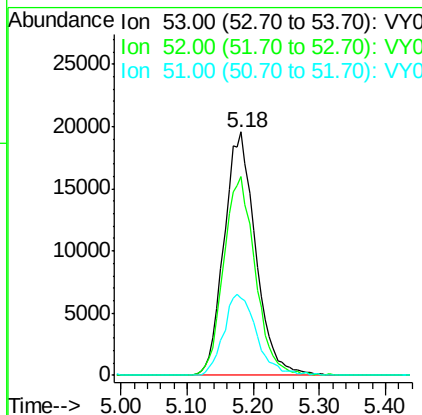
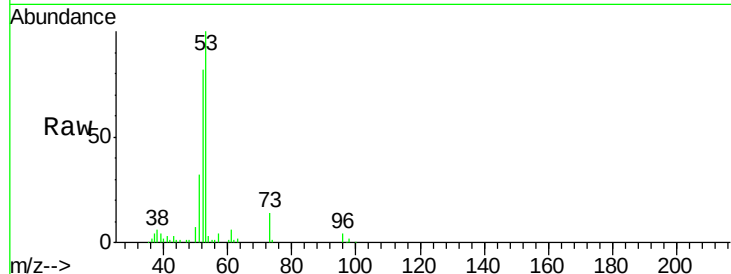
ClientSampleId :

VY0226SBS01

Tot Ion:	53	Resp:	64621
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.4	98.0
51	34.9	28.0	42.0

Manual Integrations
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2/27/2020 10:45:48 AM



#16

Acetone

Concen: 83.653 ug/l

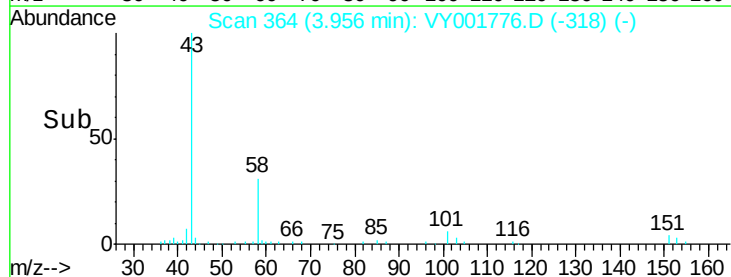
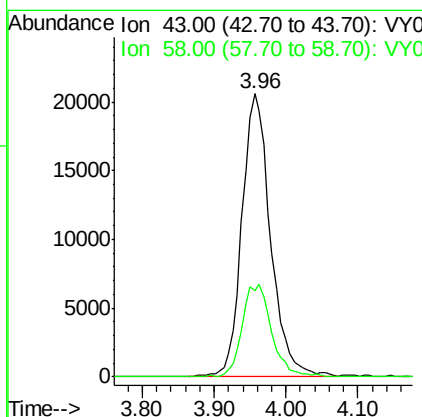
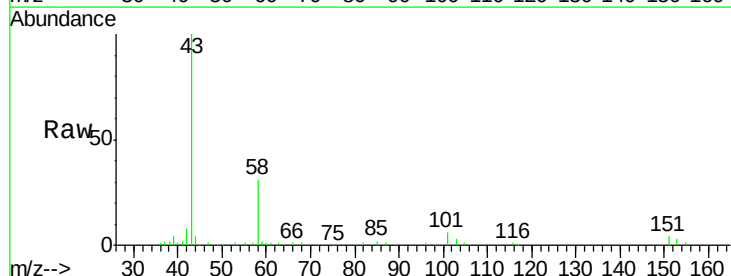
RT: 3.96 min Scan# 364

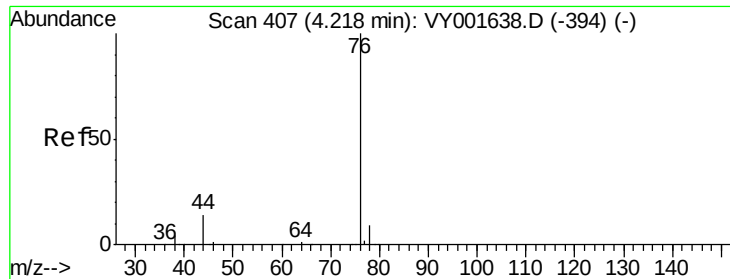
Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	43	Resp:	56803
Ion Ratio	Lower	Upper	
43	100		
58	30.6	27.3	40.9





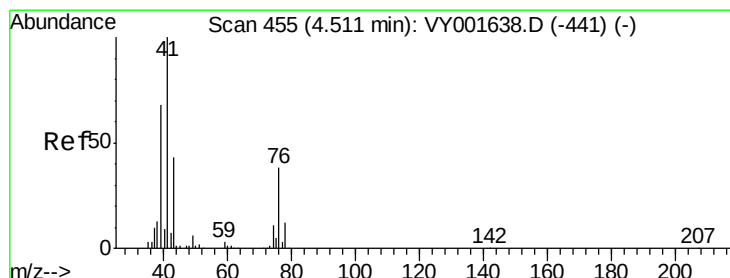
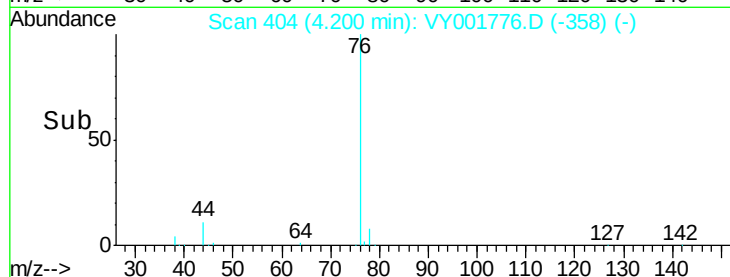
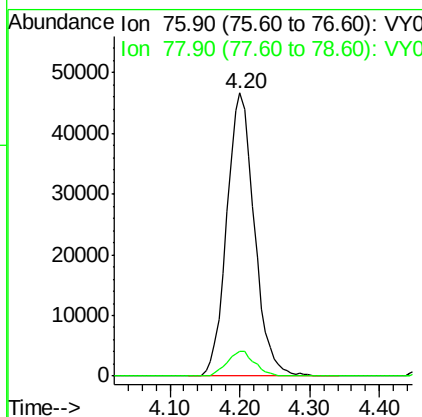
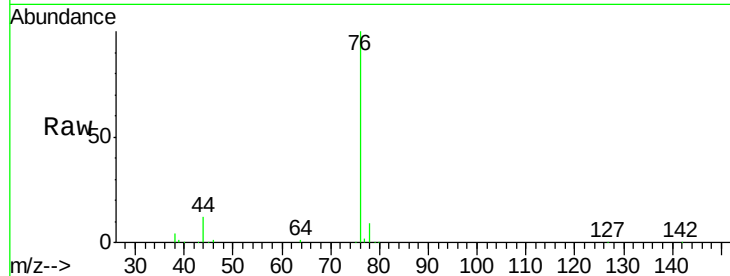
#17
Carbon Disulfide
Concen: 19.301 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

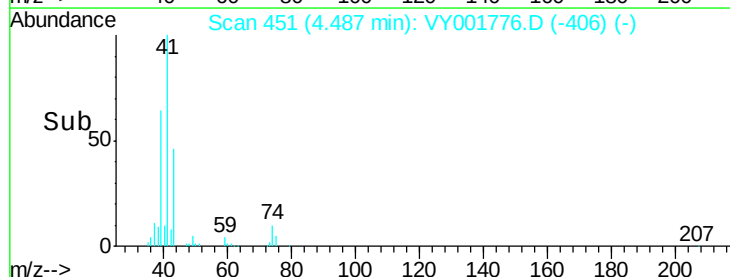
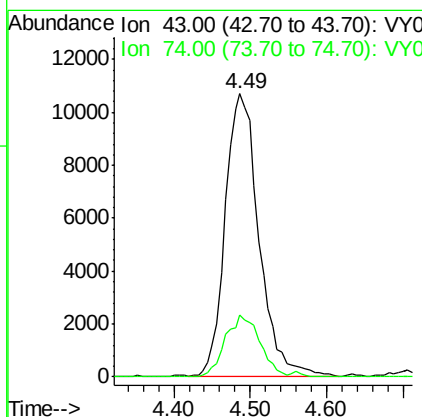
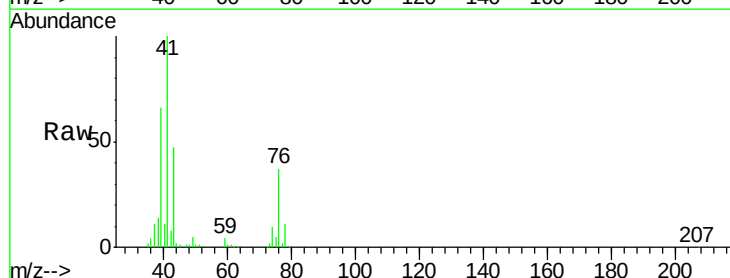
Manual Integrations
APPROVED

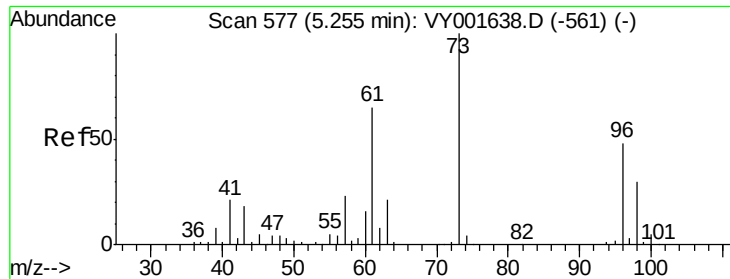
MMDadoda
2/27/2020 10:45:48 AM



#18
Methyl Acetate
Concen: 22.177 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	19.1	28.7





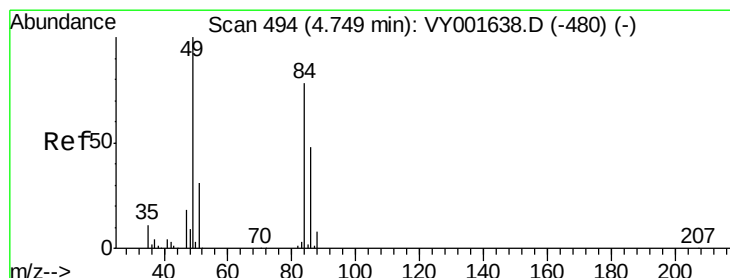
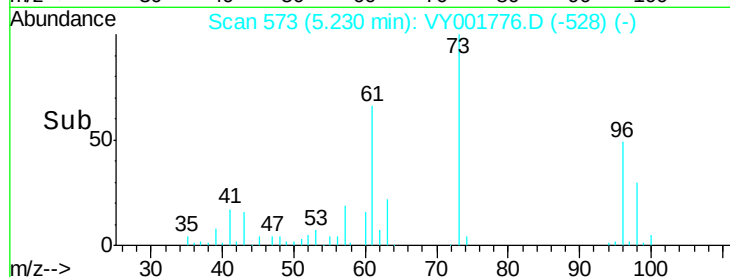
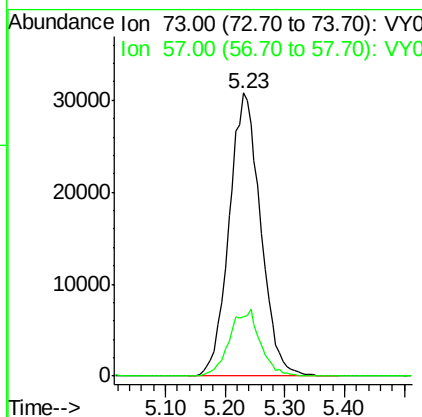
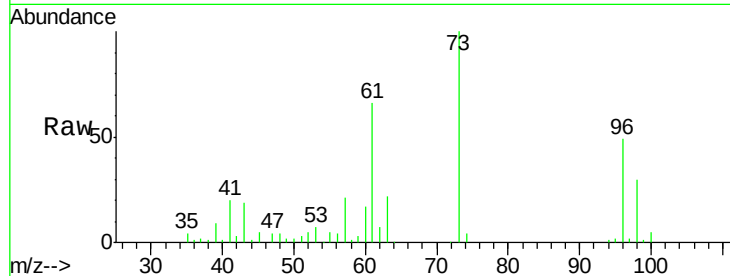
#19
Methyl tert-butyl Ether
Concen: 20.466 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	19.0	28.6

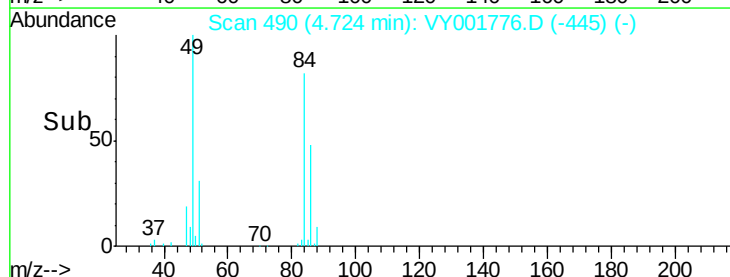
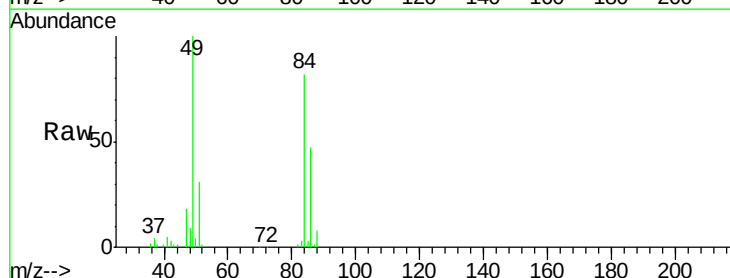
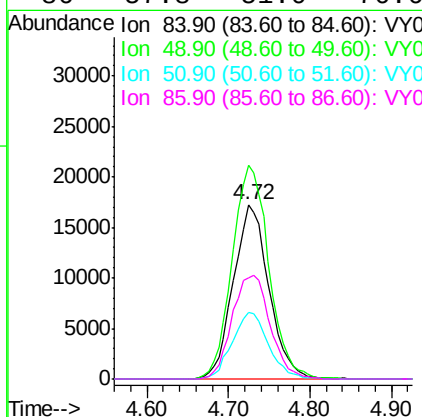
Manual Integrations
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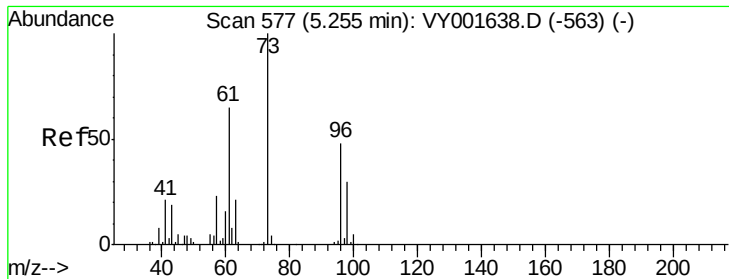
MMDadoda
2/27/2020 10:45:48 AM



#20
Methylene Chloride
Concen: 21.593 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	99.2	148.8
51	38.1	31.5	47.3
86	57.8	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.439 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.03 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

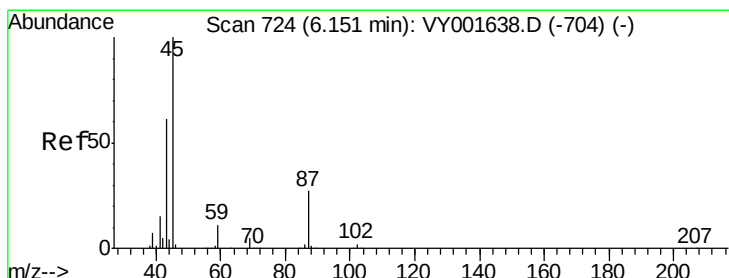
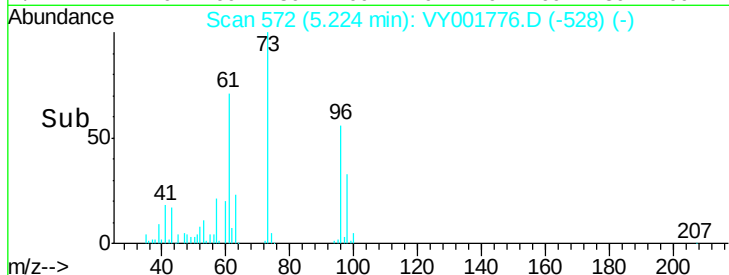
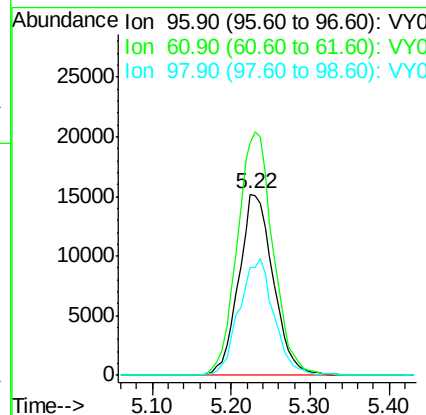
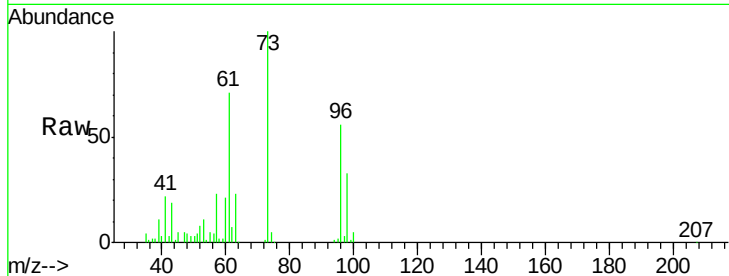
ClientSampleId :

VY0226SBS01

Tot Ion:	96	Resp:	46163
Ion	Ratio	Lower	Upper
96	100		
61	128.0	107.9	161.9
98	59.2	49.8	74.8

Manual Integrations
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2/27/2020 10:45:48 AM



#22

Diisopropyl ether

Concen: 21.216 ug/l

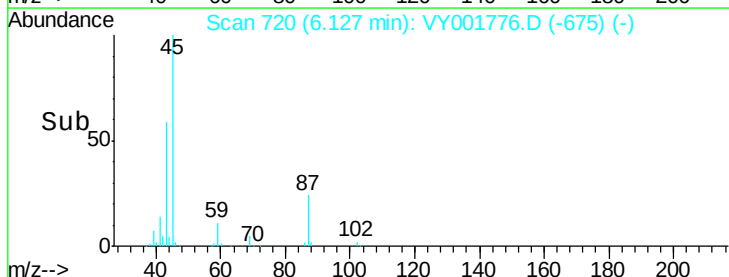
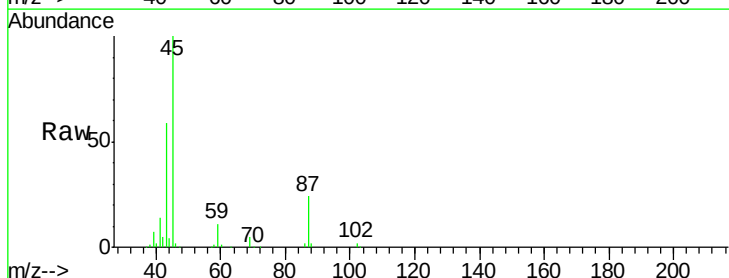
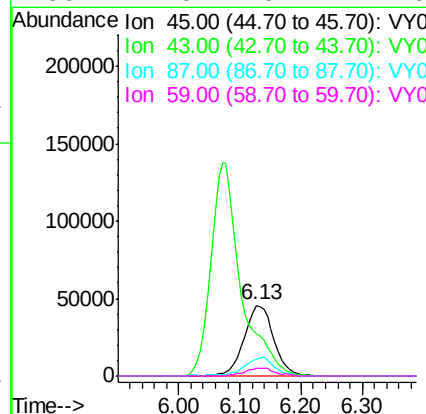
RT: 6.13 min Scan# 720

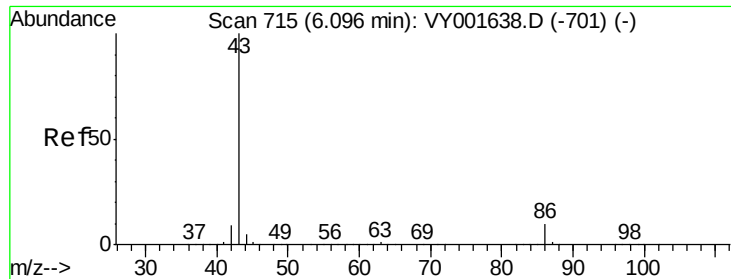
Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	45	Resp:	153500
Ion	Ratio	Lower	Upper
45	100		
43	59.1	46.4	69.6
87	23.8	22.1	33.1
59	11.0	9.4	14.0





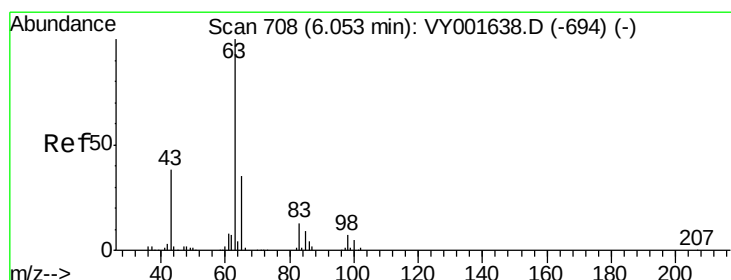
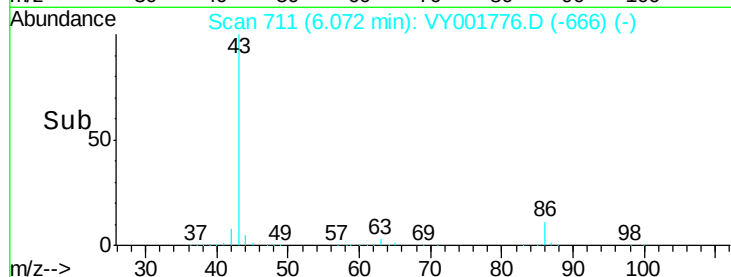
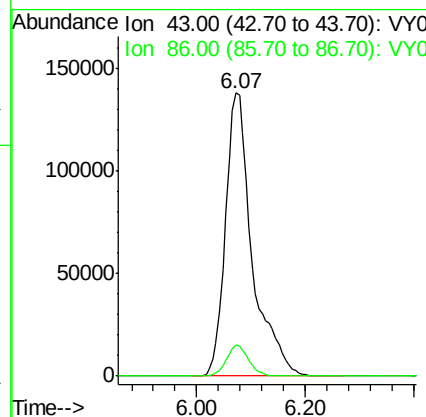
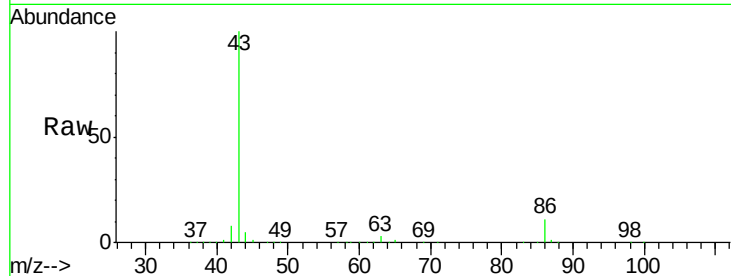
#23
 Vinyl Acetate
 Concen: 99.964 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion: 43 Resp: 471763
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.8 13.2

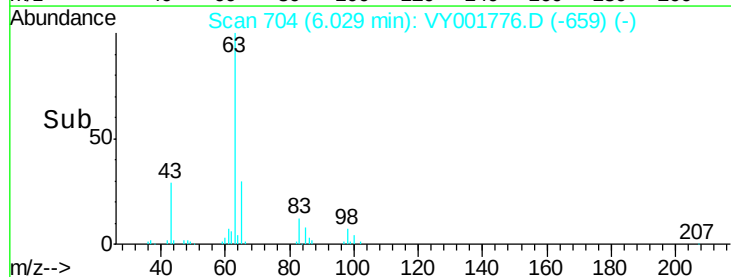
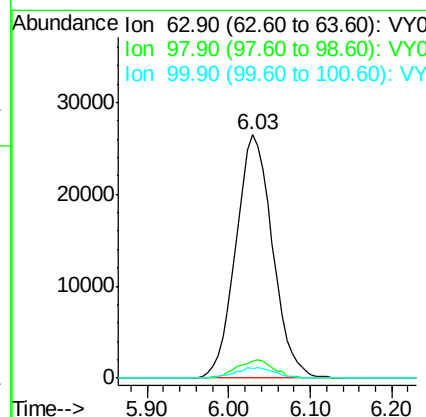
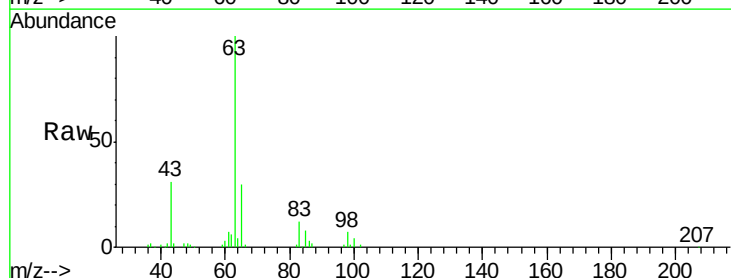
Manual Integrations
 APPROVED

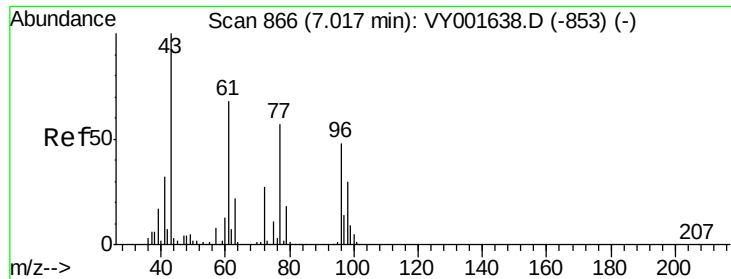
MMDadoda
 2/27/2020 10:45:48 AM



#24
 1,1-Dichloroethane
 Concen: 21.371 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion: 63 Resp: 82642
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.1 2.3 6.9





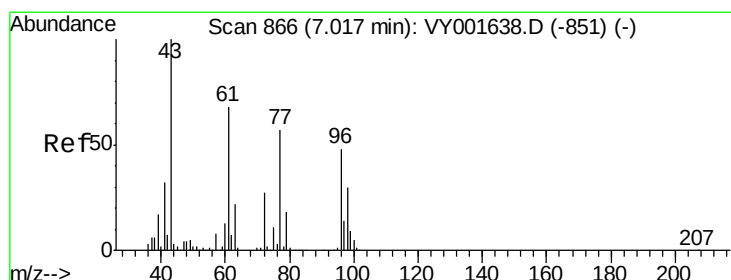
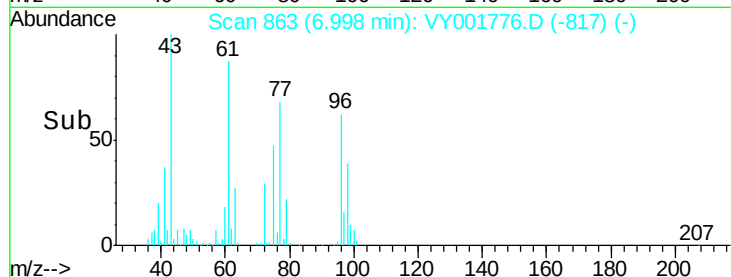
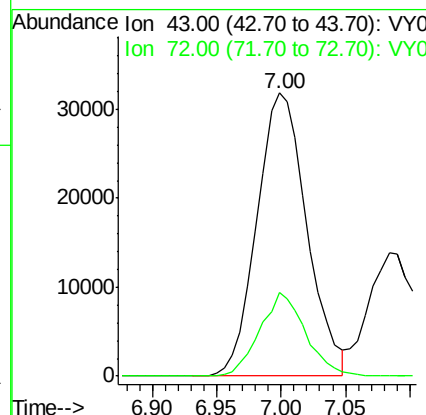
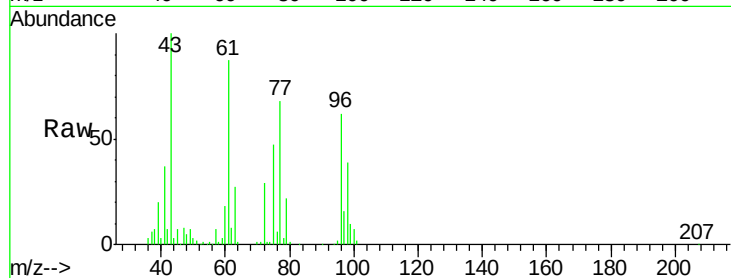
#25
2-Butanone
Concen: 92.706 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 43 Resp: 85516
Ion Ratio Lower Upper
43 100
72 29.4 21.2 31.8

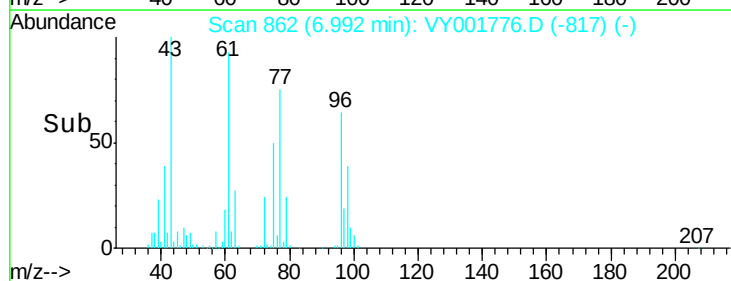
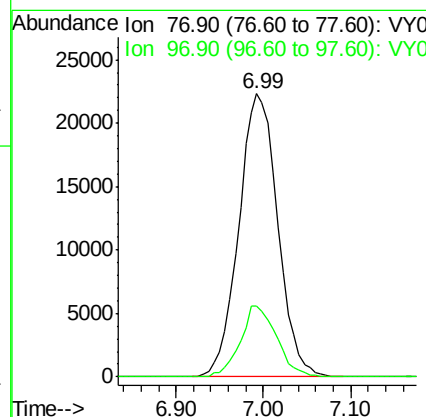
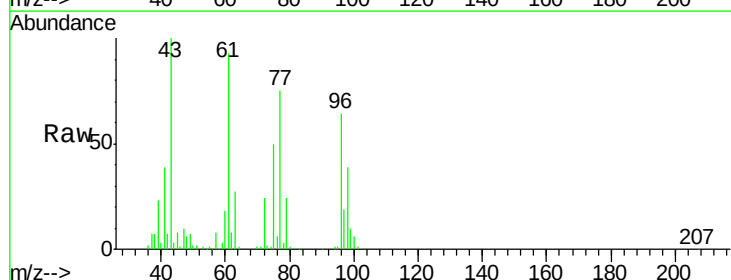
Manual Integrations
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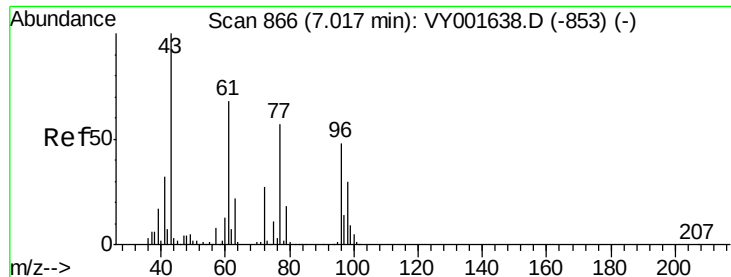
MMDadoda
2/27/2020 10:45:48 AM



#26
2,2-Dichloropropane
Concen: 20.475 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion: 77 Resp: 68885
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.4





#27

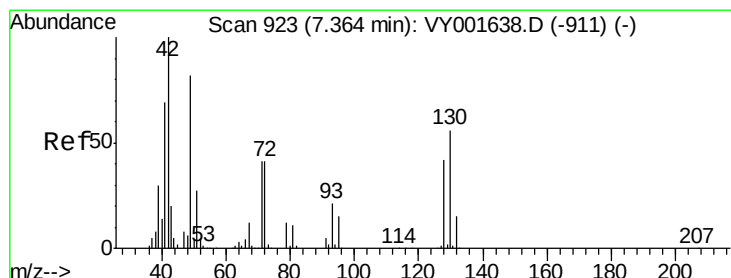
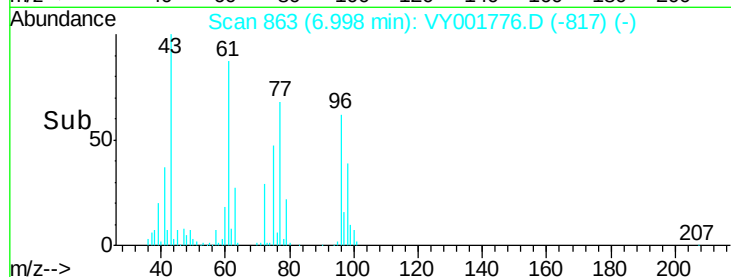
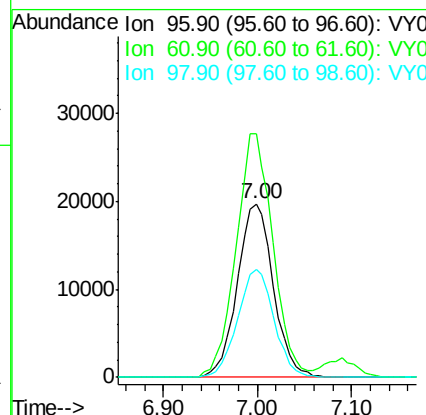
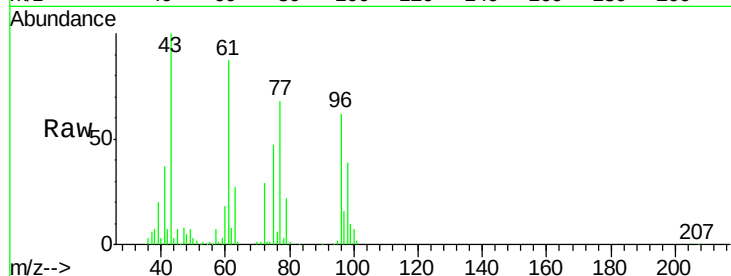
cis-1,2-Dichloroethene
Concen: 21.072 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	52532		
61	143.6		0.0	290.8
98	63.0		0.0	128.6

Manual Integrations
APPROVED

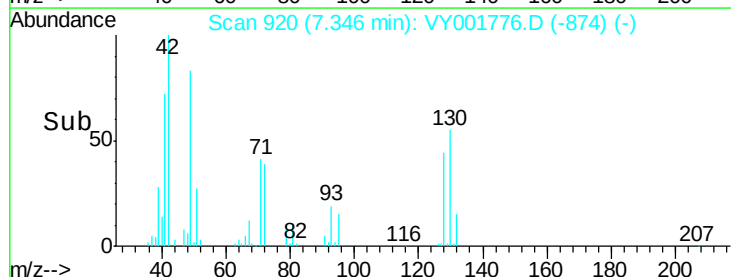
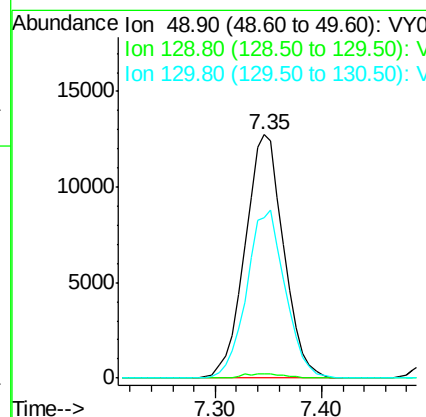
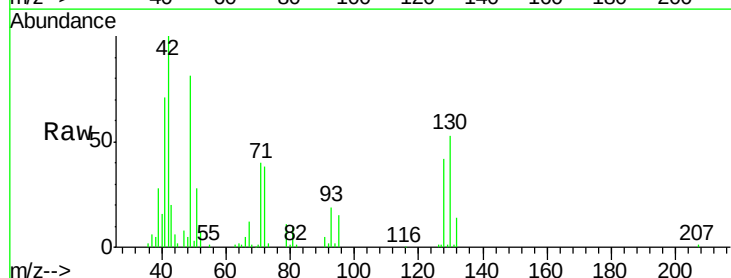
MMDadoda
2/27/2020 10:45:48 AM

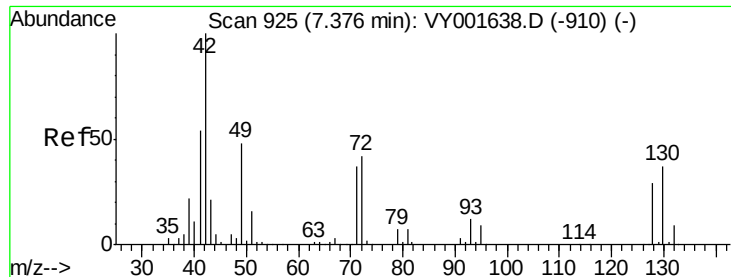


#28

Bromochloromethane
Concen: 20.113 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32399		
129	1.8		0.0	3.6
130	68.8		56.2	84.4





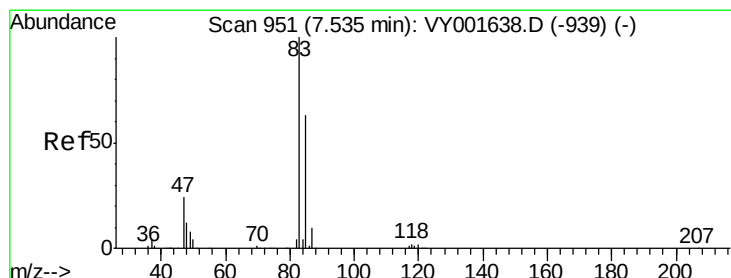
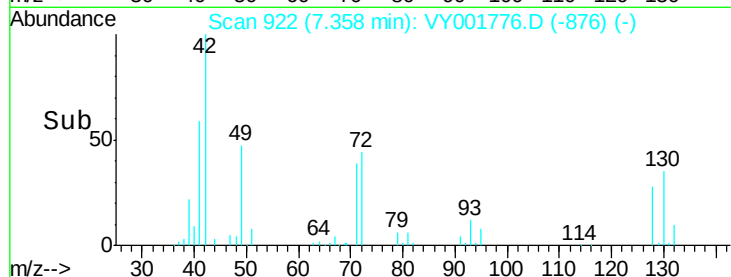
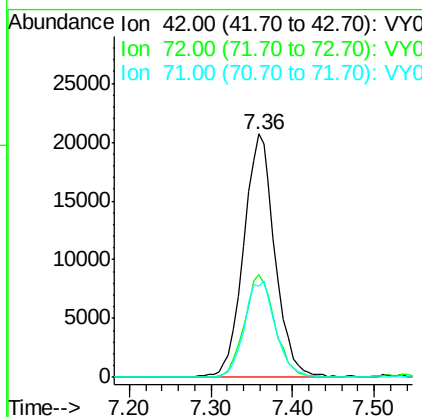
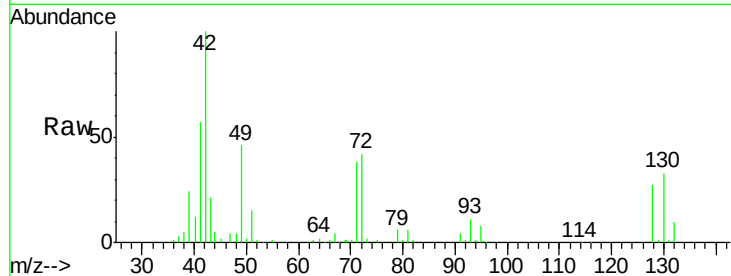
#29
Tetrahydrofuran
Concen: 98.814 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.4	51.6
71	39.3	31.8	47.8

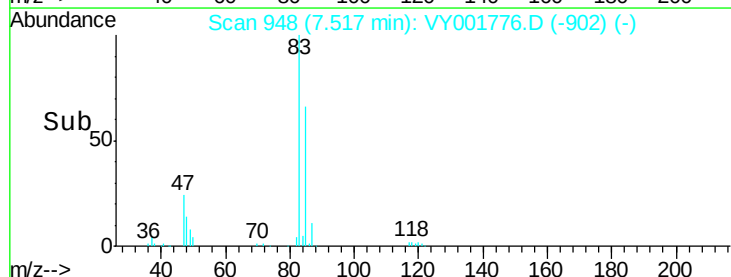
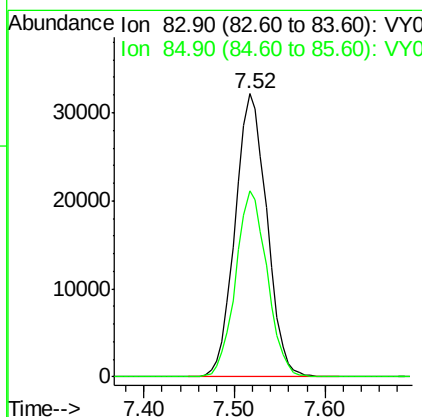
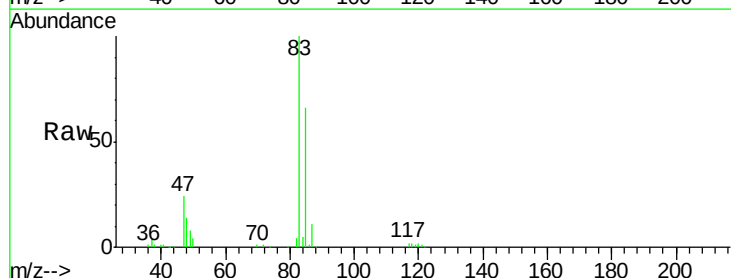
Manual Integrations
APPROVED

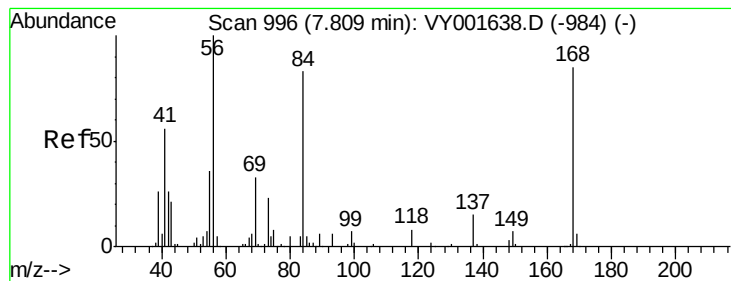
MMDadoda
2/27/2020 10:45:48 AM



#30
Chloroform
Concen: 20.661 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.6	77.4





#31

Cyclohexane

Concen: 19.738 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

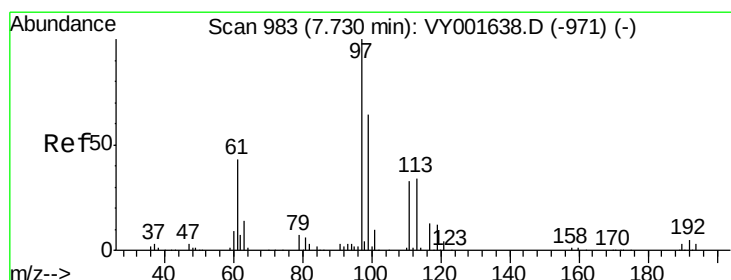
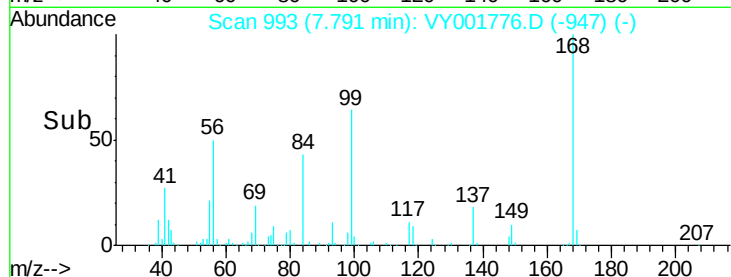
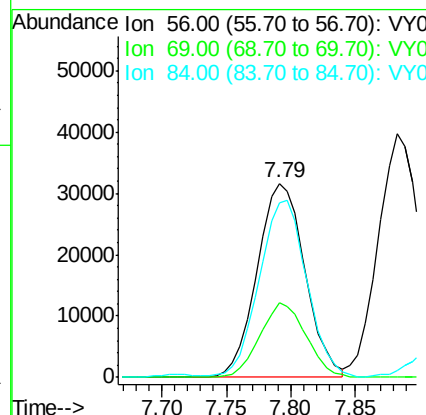
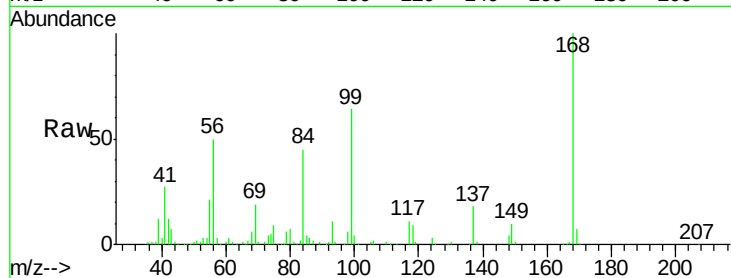
ClientSampleId :

VY0226SBS01

Tot Ion:	56	Resp:	81380
Ion Ratio	Lower	Upper	
56	100		
69	38.4	25.1	37.7#
84	88.5	66.9	100.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.551 ug/l

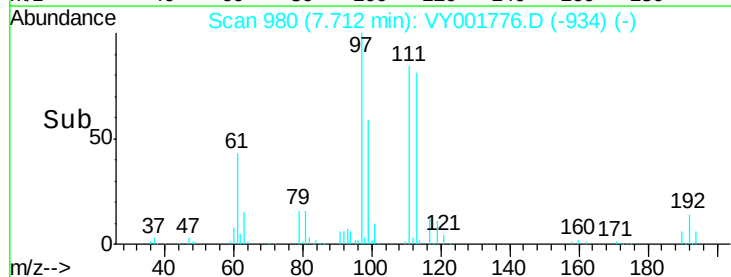
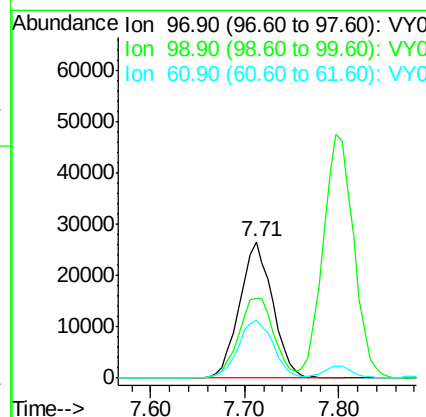
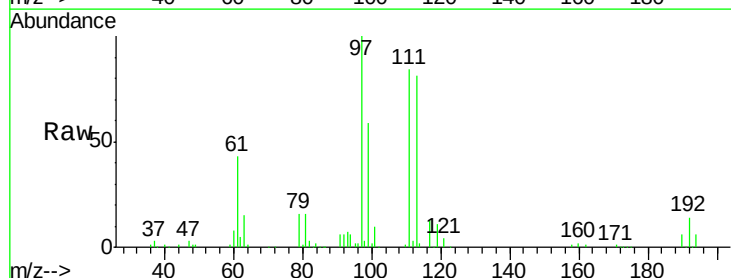
RT: 7.71 min Scan# 980

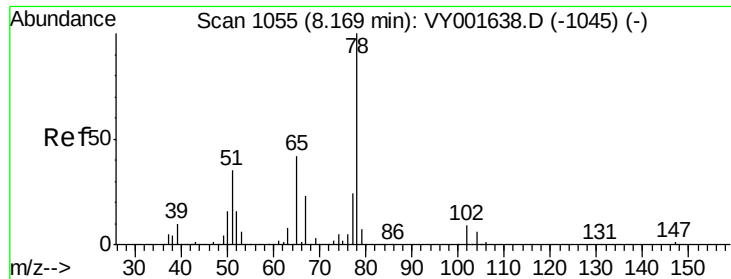
Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	97	Resp:	65262
Ion Ratio	Lower	Upper	
97	100		
99	62.8	51.2	76.8
61	45.2	35.0	52.6





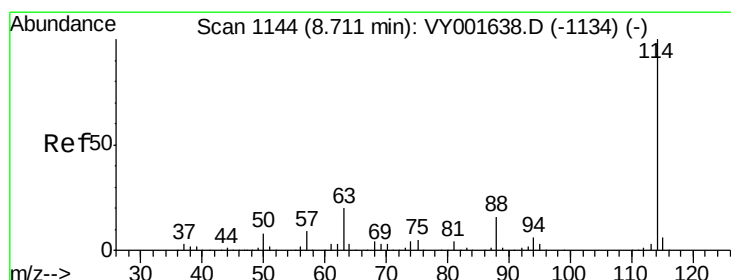
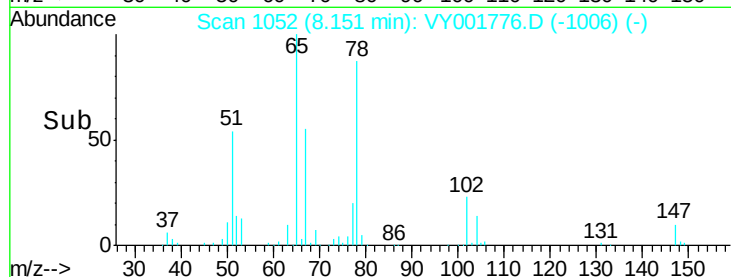
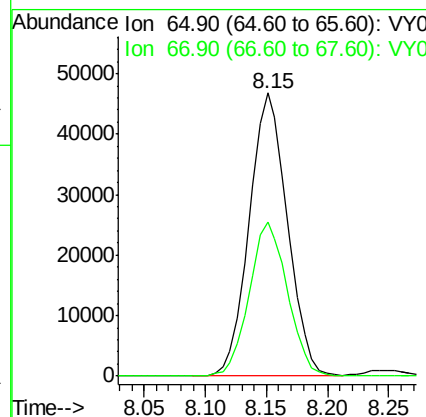
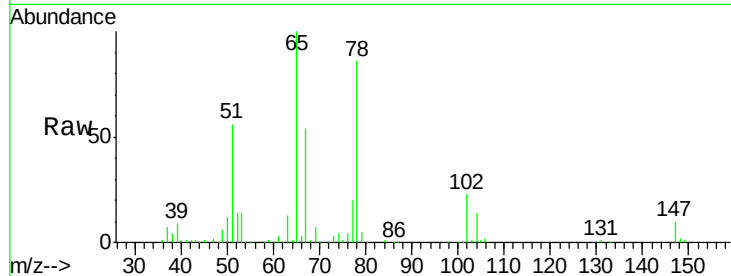
#33
 1,2-Dichloroethane-d4
 Concen: 51.754 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.4	0.0	111.0	

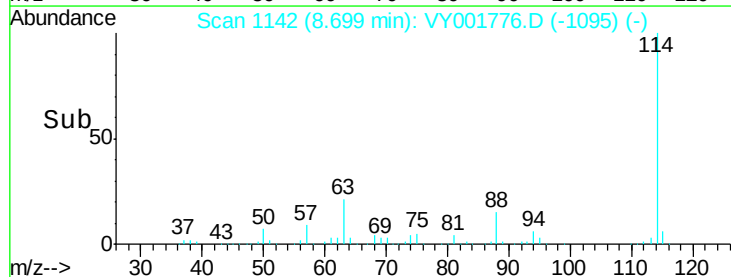
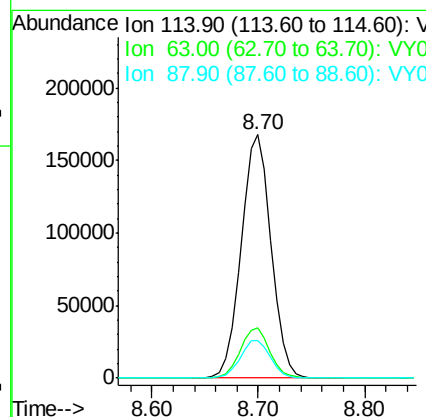
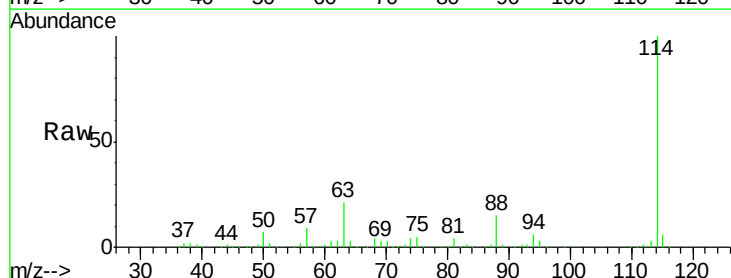
Manual Integrations
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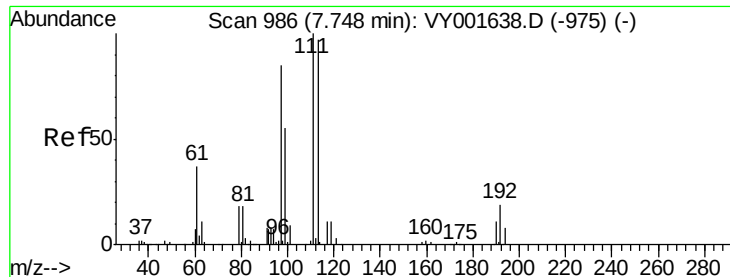
MMDadoda
 2/27/2020 10:45:48 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.9	0.0	41.4	
88	15.4	0.0	32.8	





#35

Dibromofluoromethane

Concen: 50.023 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

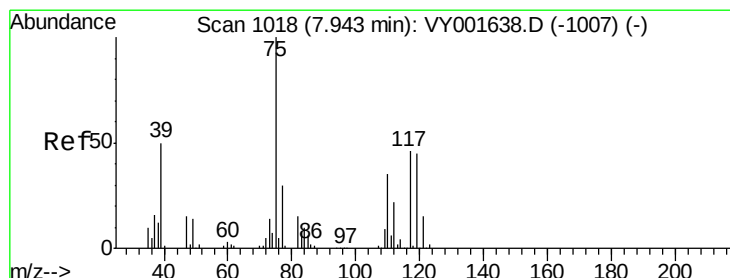
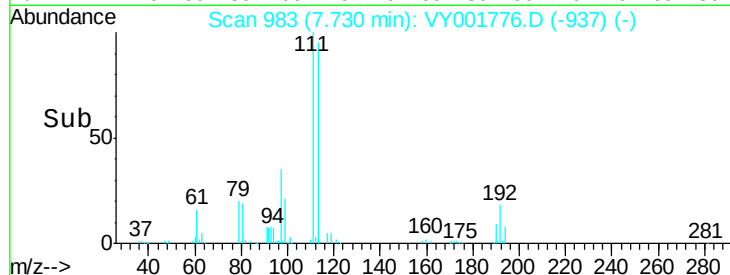
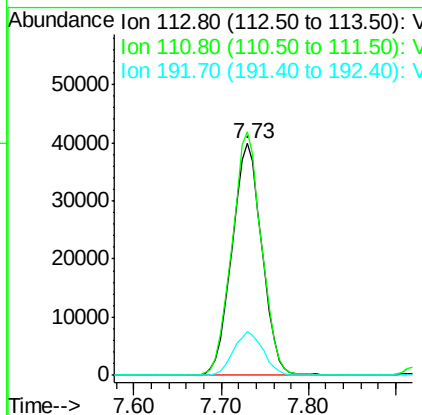
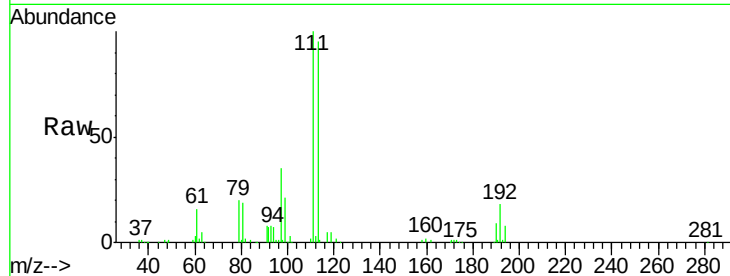
ClientSampleId :

VY0226SBS01

Tot Ion:	113	Resp:	94695
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	18.6	14.3	21.5

Manual Integrations
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MMDadoda
2/27/2020 10:45:48 AM



#36

1,1-Dichloropropene

Concen: 20.009 ug/l

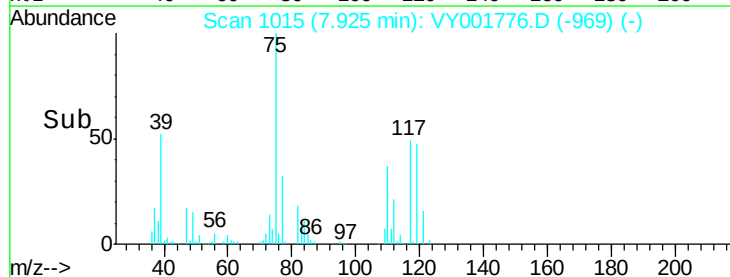
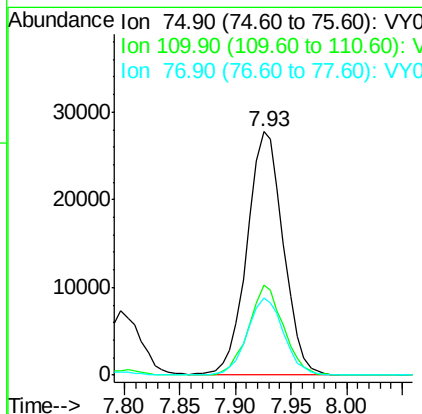
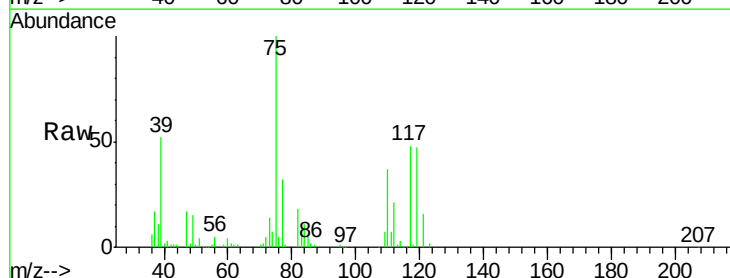
RT: 7.93 min Scan# 1015

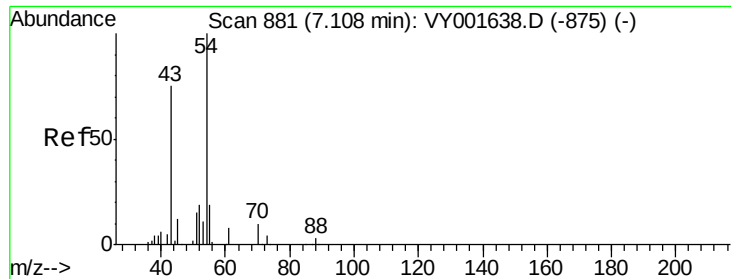
Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	75	Resp:	63168
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.2	51.6
77	31.7	24.8	37.2





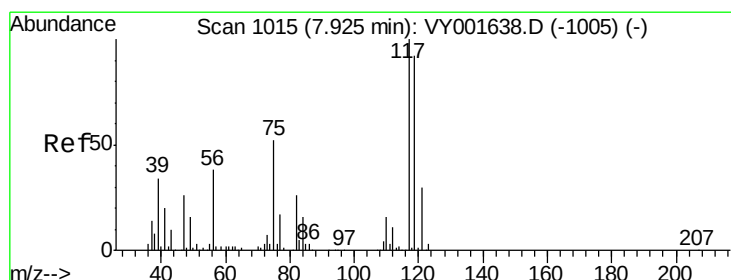
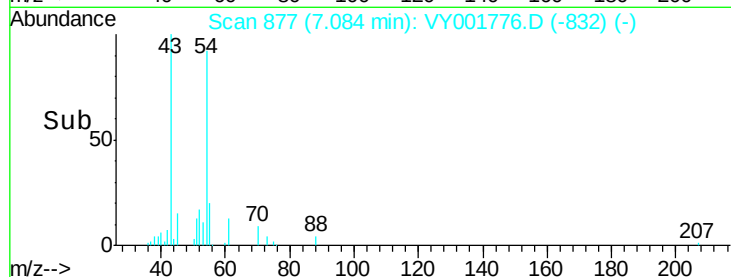
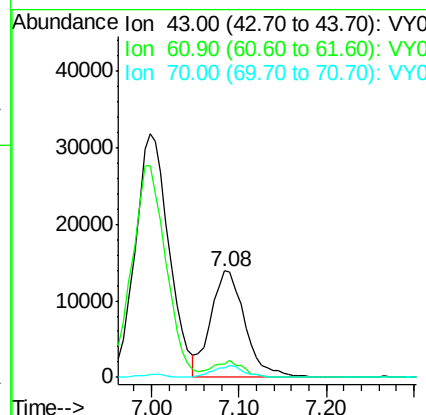
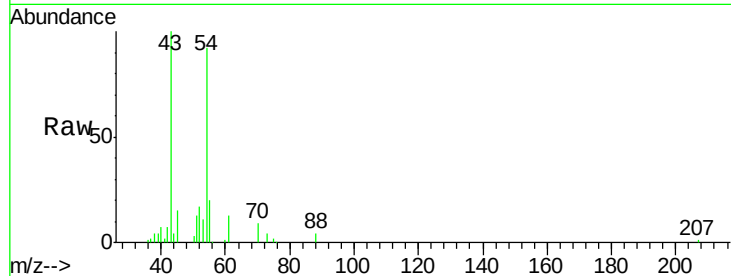
#37
Ethyl Acetate
Concen: 20.226 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.6
70	10.0	8.8	13.2

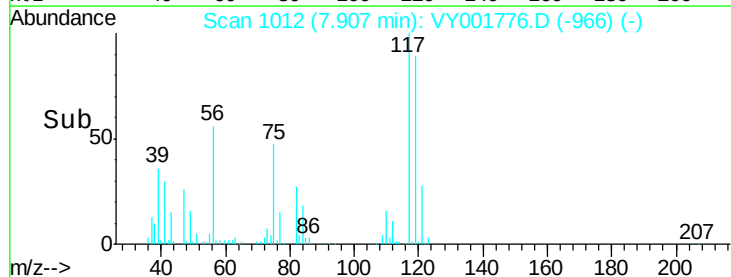
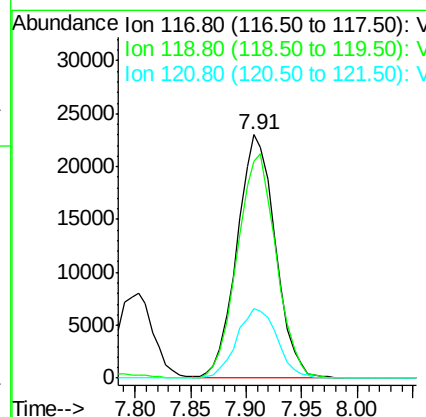
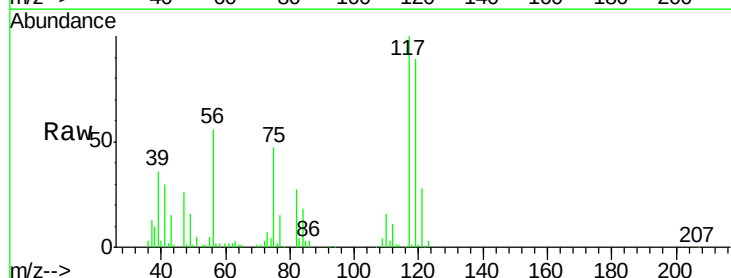
Manual Integrations
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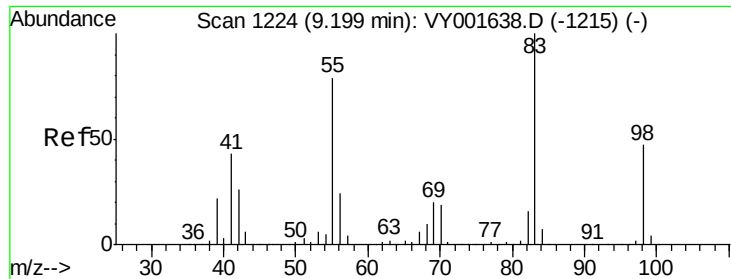
MMDadoda
2/27/2020 10:45:48 AM



#38
Carbon Tetrachloride
Concen: 19.869 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.0	74.8	112.2
121	28.5	23.8	35.6





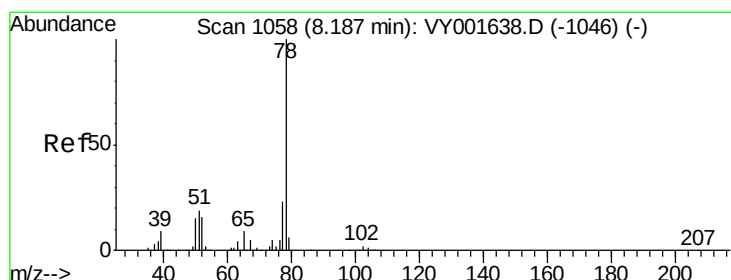
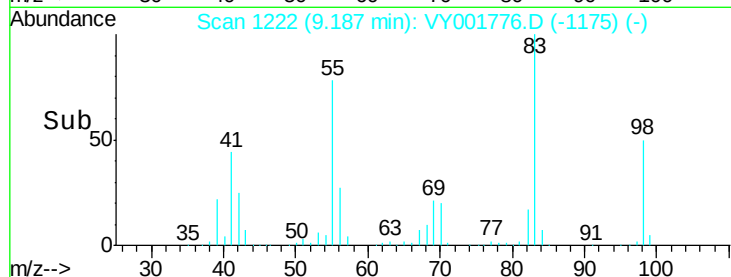
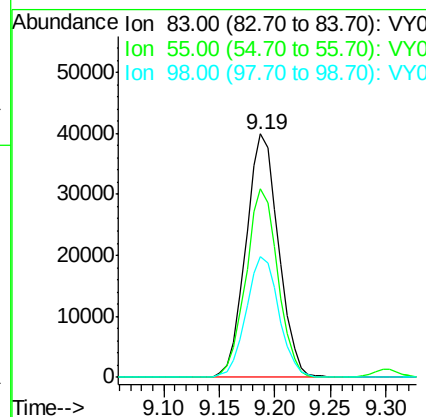
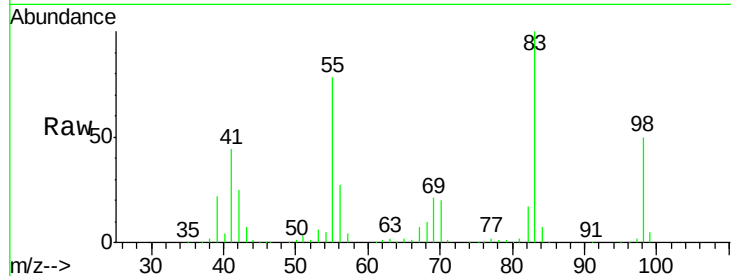
#39
Methylvlcyclohexane
Concen: 19.378 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.3	91.9
98	49.6	38.0	57.0

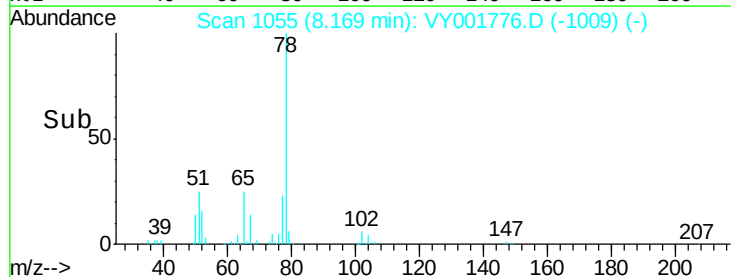
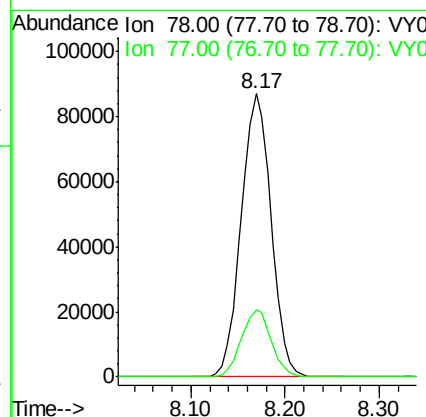
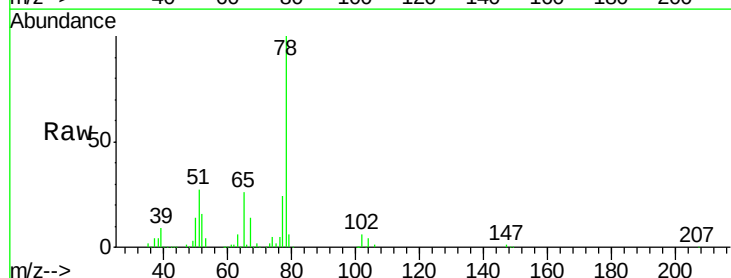
Manual Integrations
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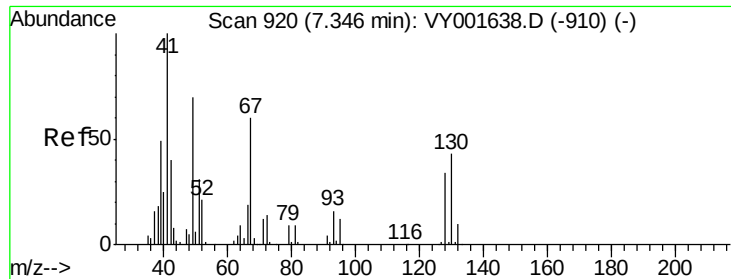
MMDadoda
2/27/2020 10:45:48 AM



#40
Benzene
Concen: 20.786 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.4





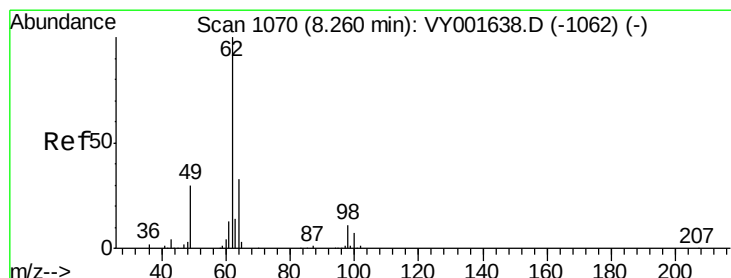
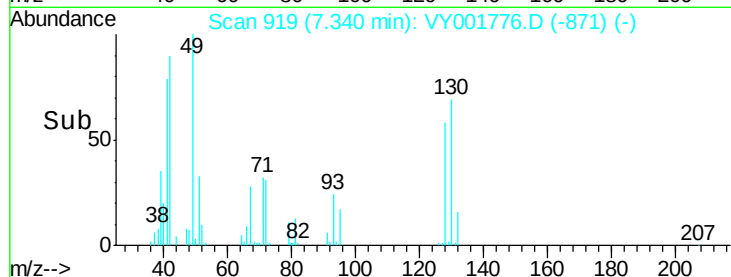
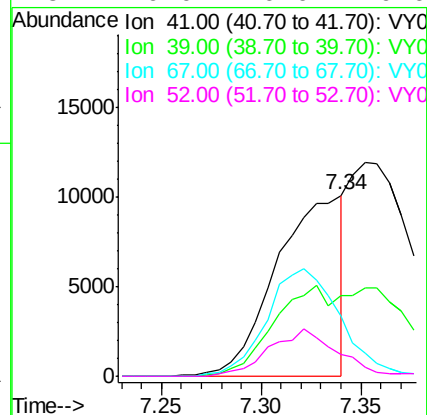
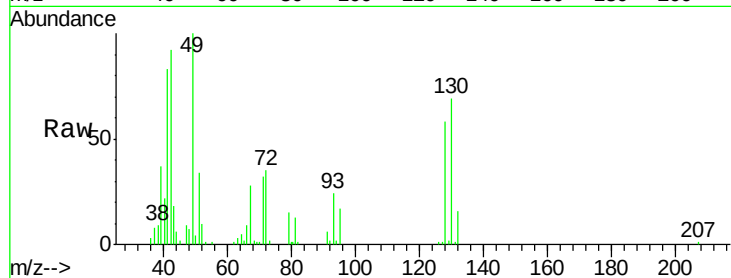
#41
Methacrylonitrile
Concen: 24.679 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	41	Resp	23349
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

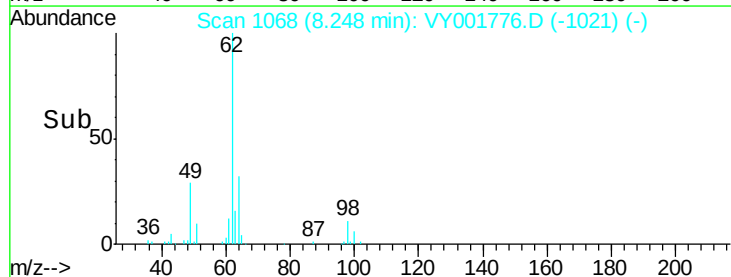
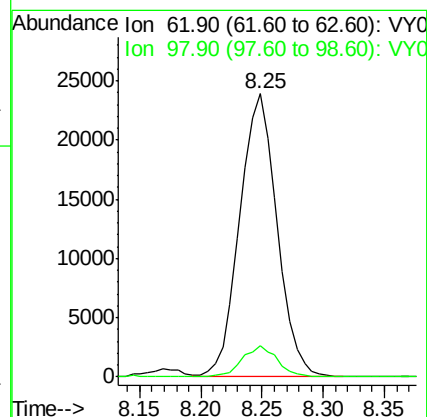
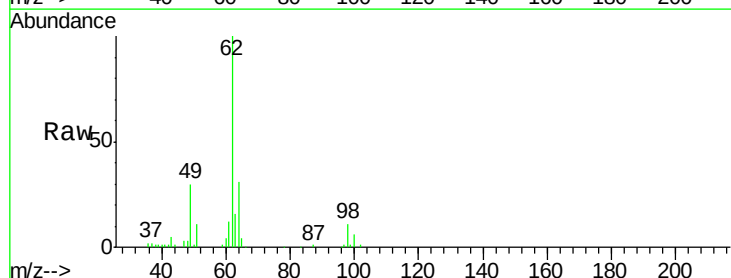
Manual Integrations
APPROVED

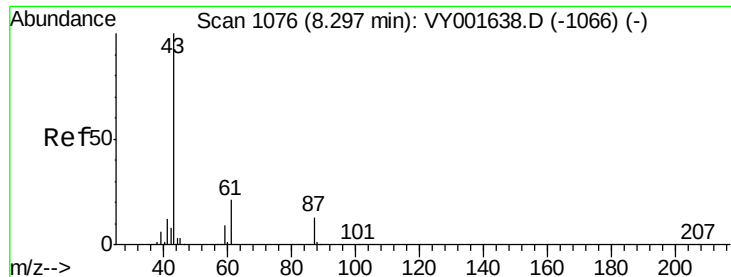
MMDadoda
2/27/2020 10:45:48 AM



#42
1,2-Dichloroethane
Concen: 20.085 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	62	Resp	50806
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.759 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

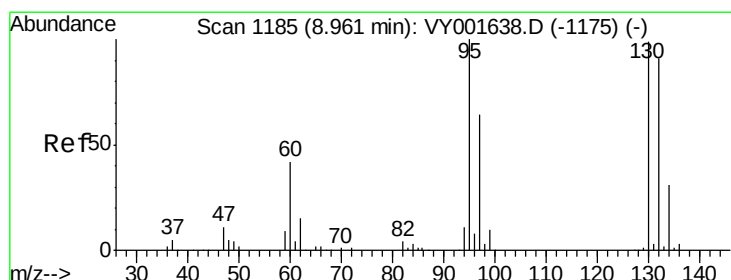
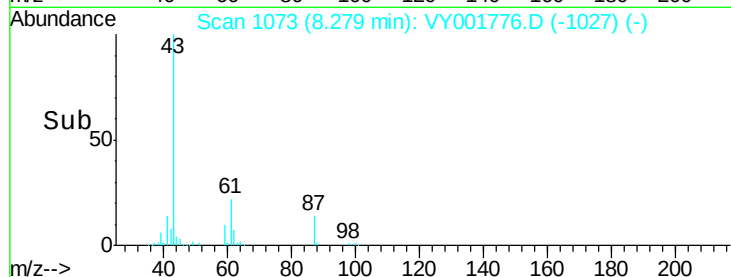
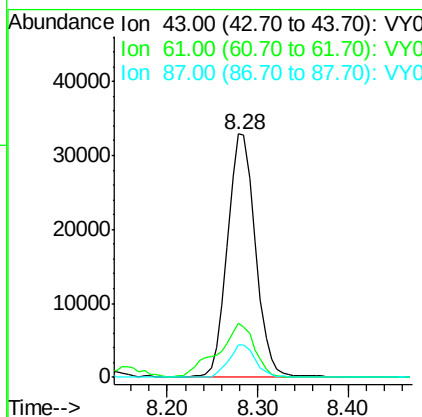
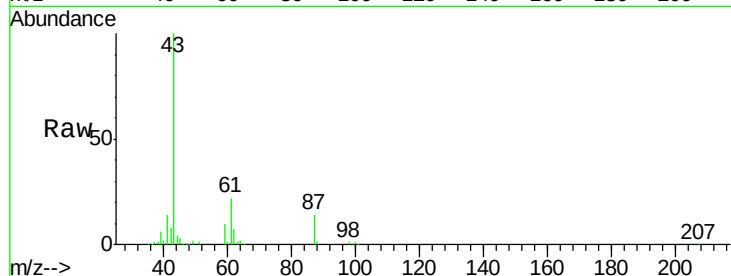
ClientSampleId :

VY0226SBS01

Tot Ion:	43	Resp:	70642
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.4
87	12.9	10.7	16.1

Manual Integrations
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MMDadoda
2/27/2020 10:45:48 AM



#44

Trichloroethene

Concen: 19.340 ug/l

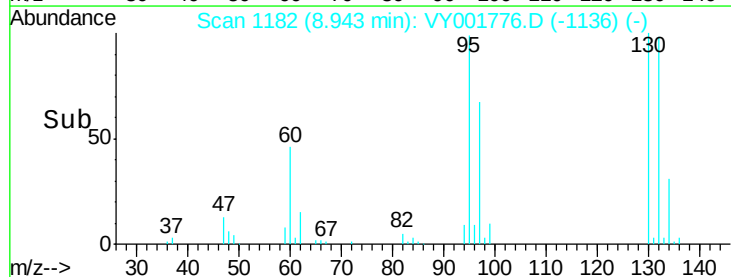
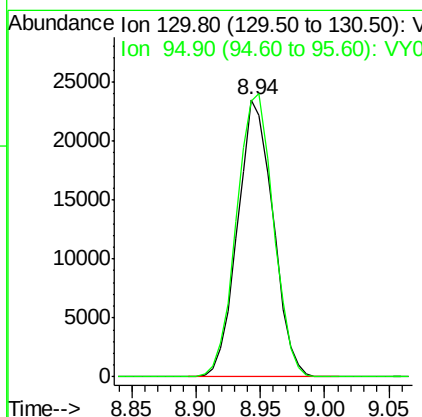
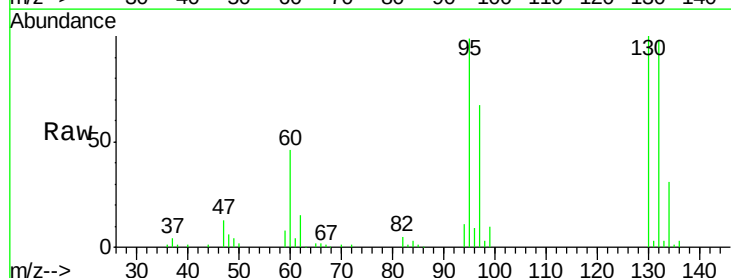
RT: 8.94 min Scan# 1182

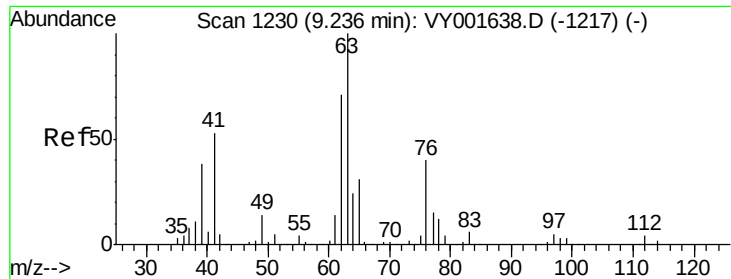
Delta R.T. -0.02 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	130	Resp:	44826
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	200.6





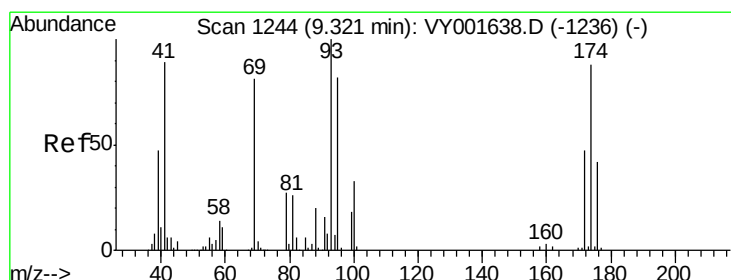
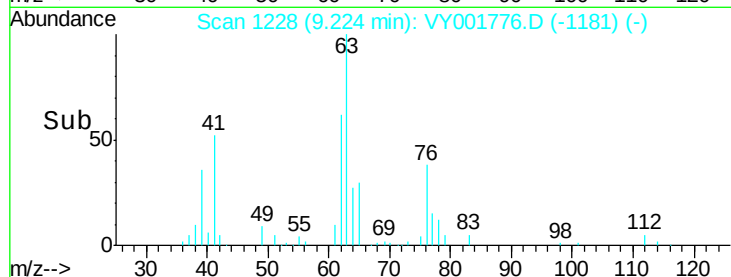
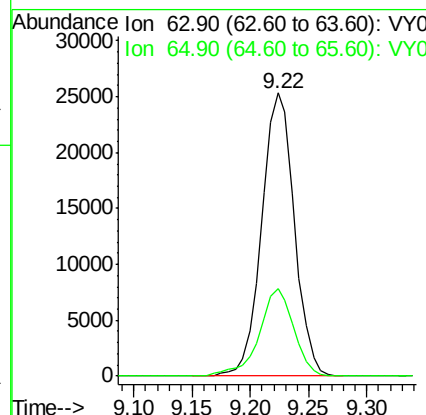
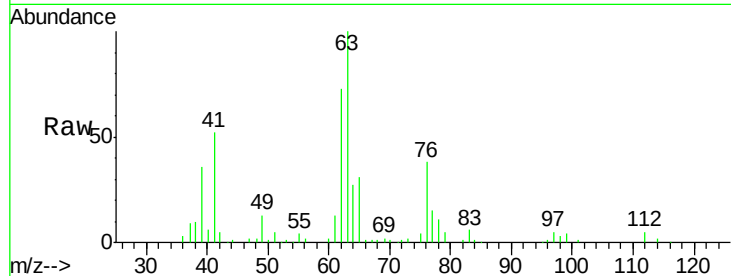
#45
 1,2-Dichloropropane
 Concen: 21.286 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	37.0

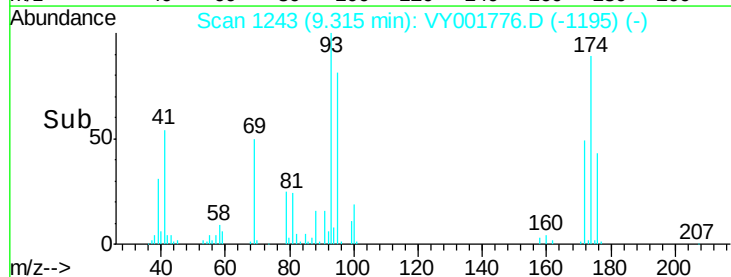
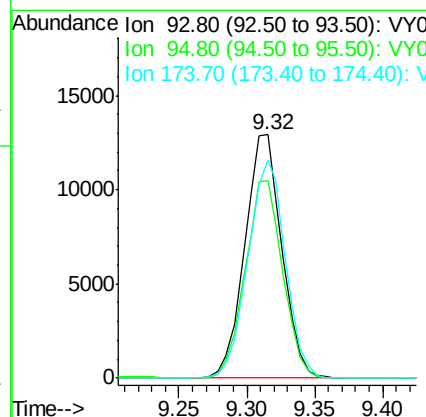
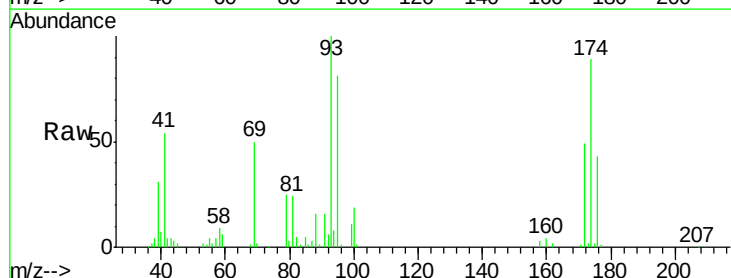
Manual Integrations
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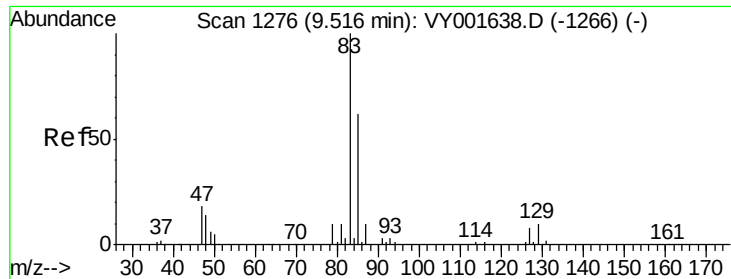
MMDadoda
 2/27/2020 10:45:48 AM



#46
 Dibromomethane
 Concen: 20.206 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	66.1	99.1
174	90.5	72.5	108.7





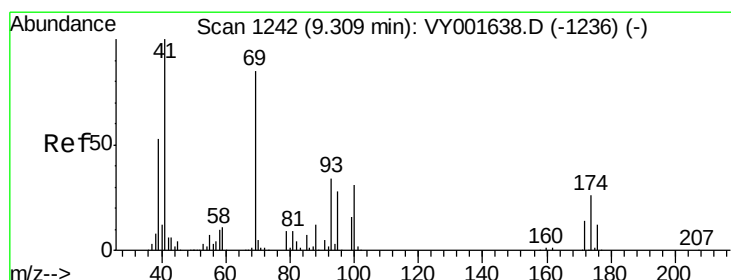
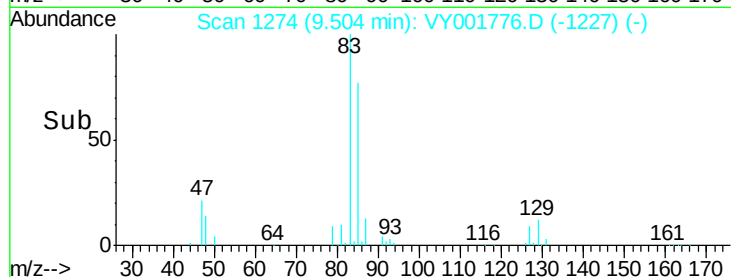
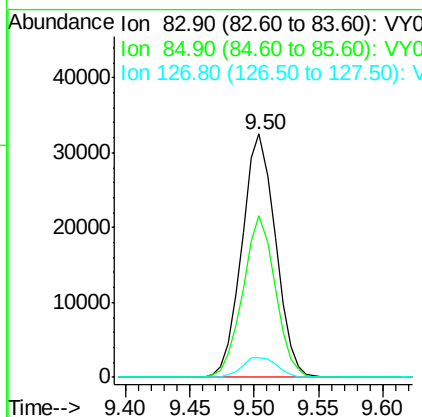
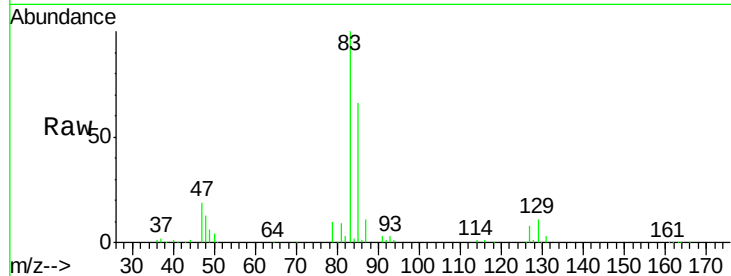
#47
Bromodichloromethane
Concen: 19.959 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	58586		
85	66.3		51.4	77.0
127	7.9		6.4	9.6

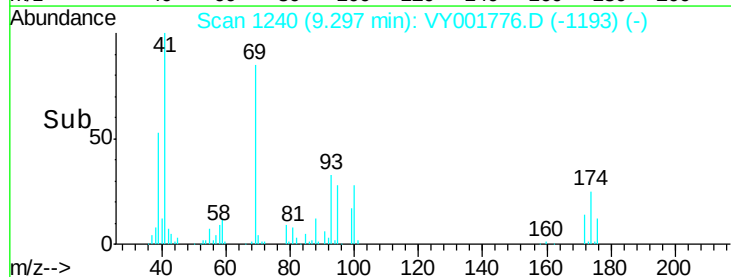
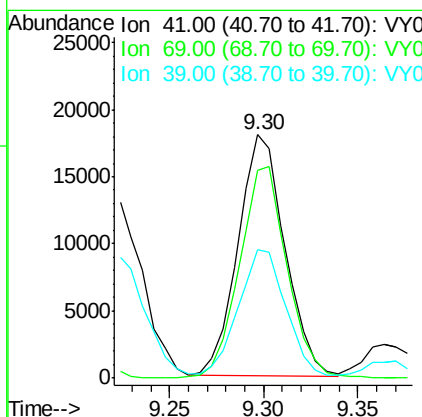
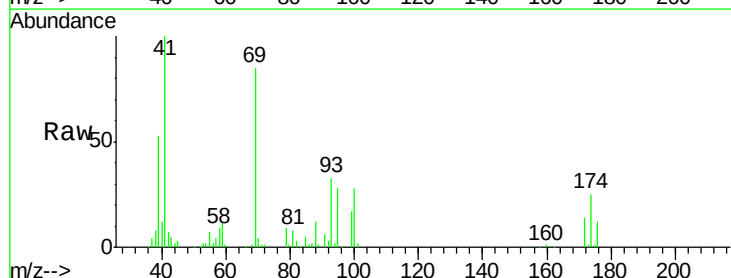
Manual Integrations
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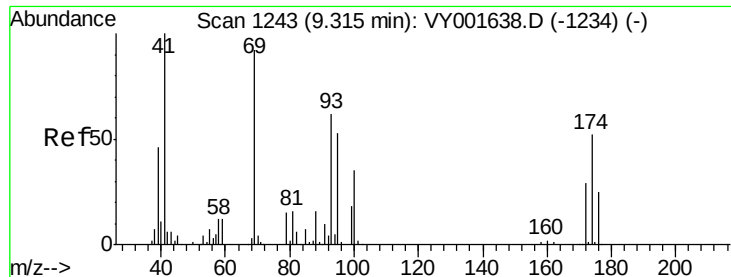
MMDadoda
2/27/2020 10:45:48 AM



#48
Methyl methacrylate
Concen: 19.147 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	30959		
69	89.2		70.7	106.1
39	55.2		42.2	63.2





#49

1,4-Dioxane

Concen: 382.928 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

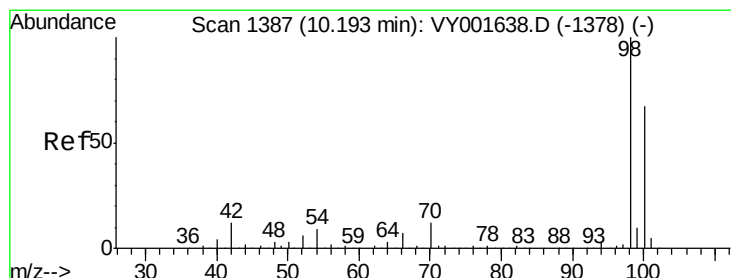
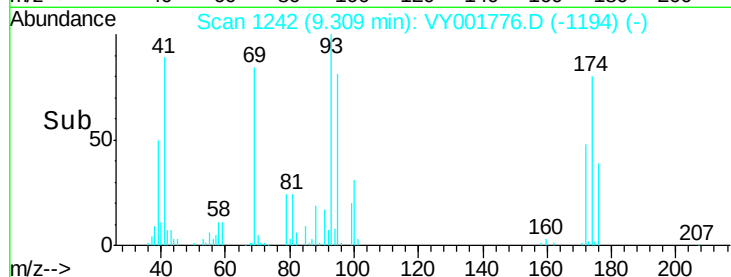
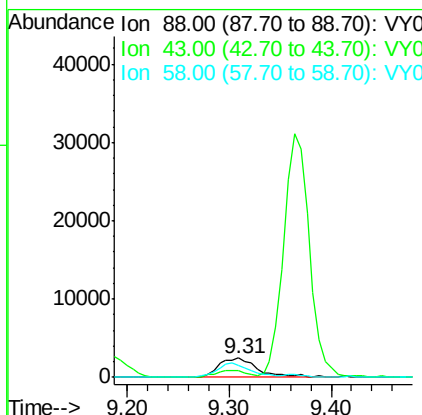
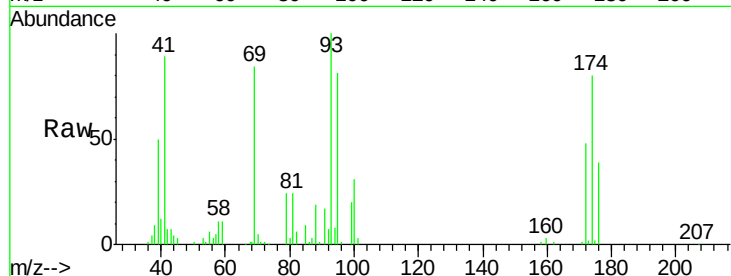
ClientSampleId :

VY0226SBS01

Tot Ion:	88	Resp:	6578
Ion	Ratio	Lower	Upper
88	100		
43	31.2	23.1	34.7
58	61.4	58.1	87.1

Manual Integrations
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MMDadoda
2/27/2020 10:45:48 AM



#50

Toluene-d8

Concen: 53.387 ug/l

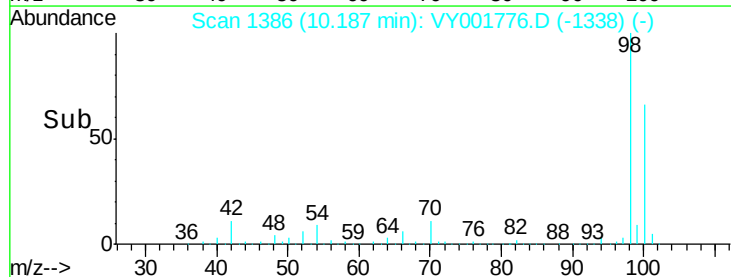
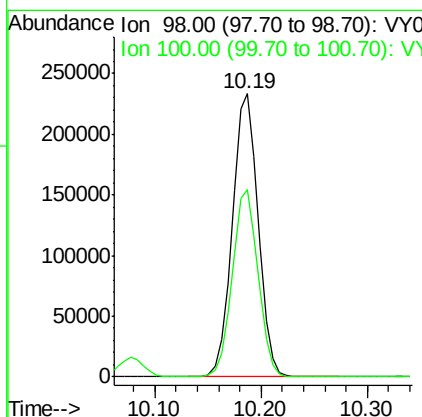
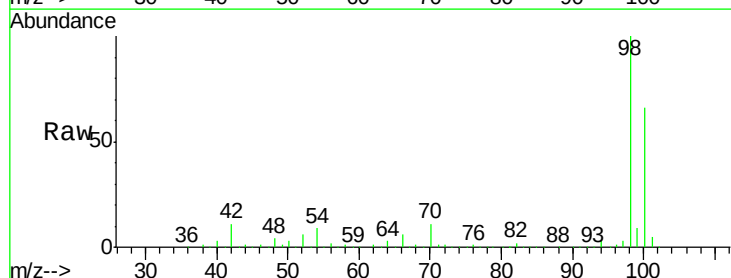
RT: 10.19 min Scan# 1386

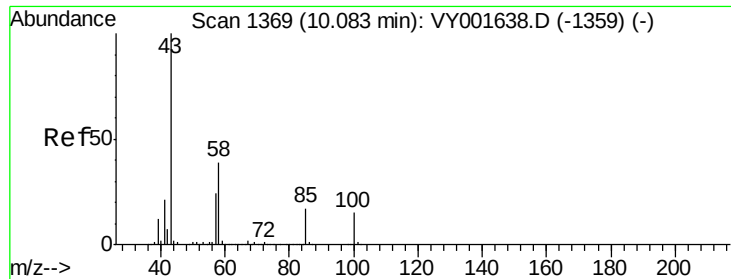
Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	98	Resp:	395932
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4





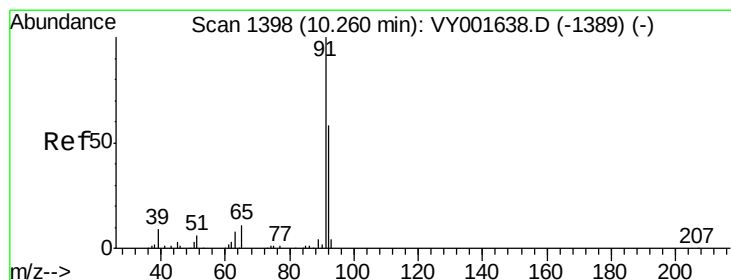
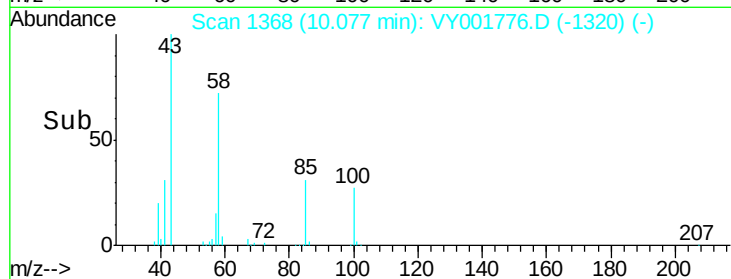
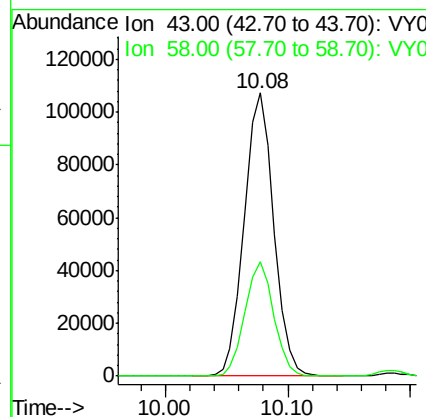
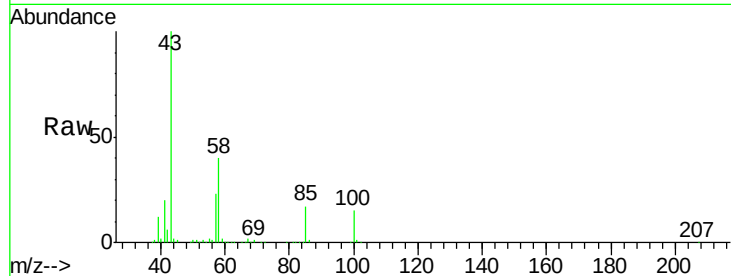
#51
4-Methyl-2-Pentanone
Concen: 97.868 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 43 Resp: 179773
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.4

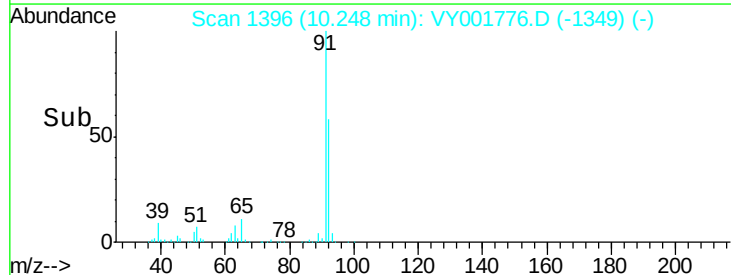
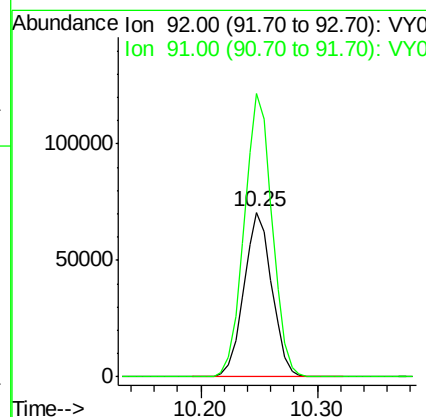
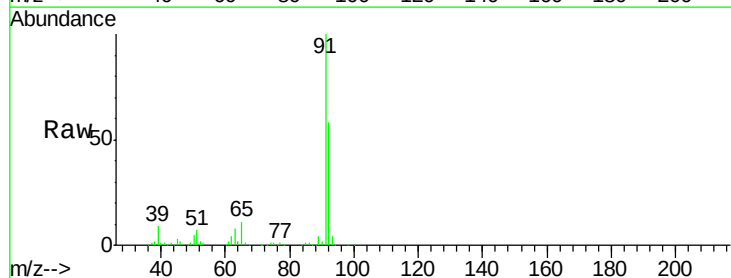
Manual Integrations
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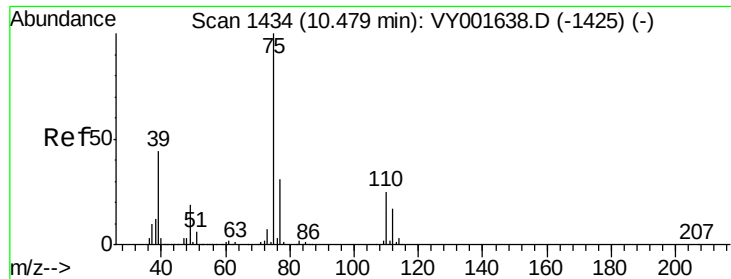
MMDadoda
2/27/2020 10:45:48 AM



#52
Toluene
Concen: 20.384 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion: 92 Resp: 118059
Ion Ratio Lower Upper
92 100
91 171.7 137.0 205.6





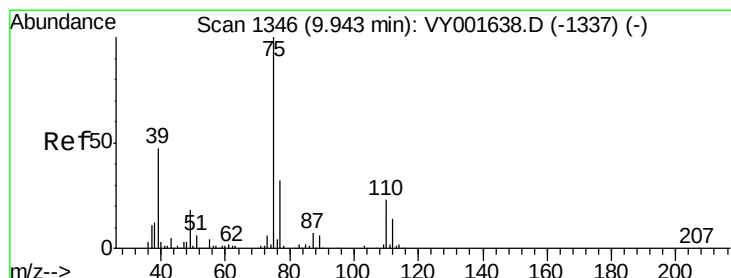
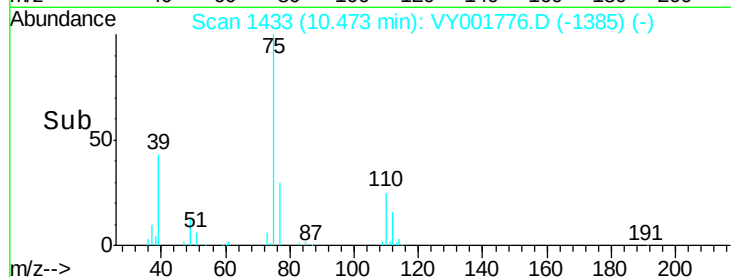
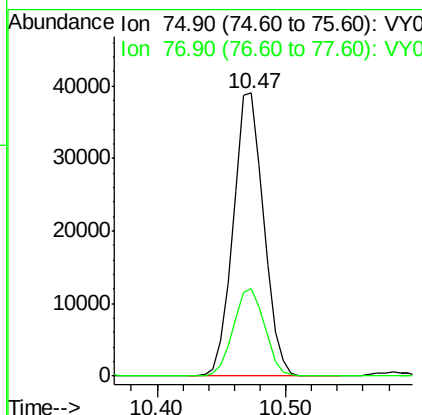
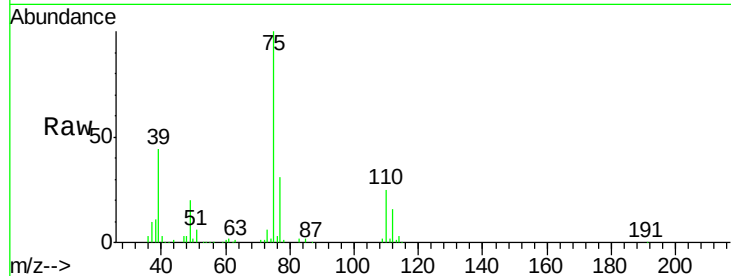
#53
 t-1,3-Dichloropropene
 Concen: 19.819 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion: 75 Resp: 64314
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8

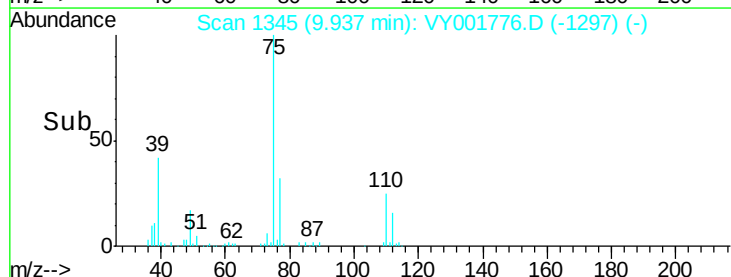
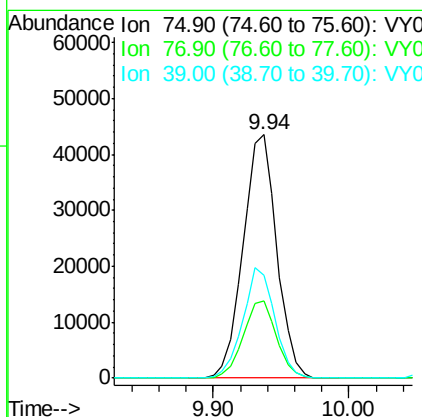
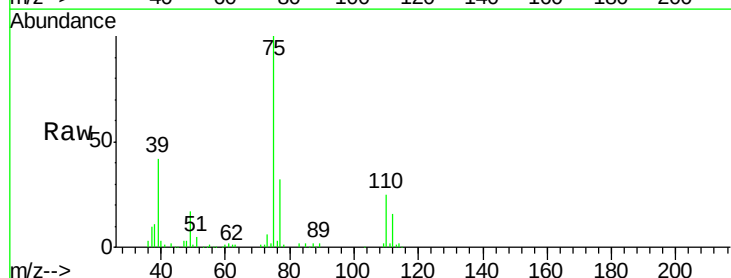
Manual Integrations
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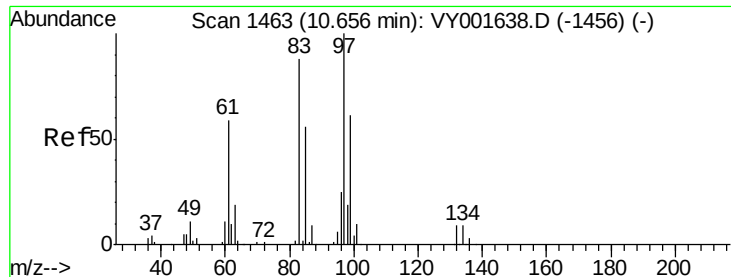
MMDadoda
 2/27/2020 10:45:48 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.146 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion: 75 Resp: 75244
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5
 39 42.1 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 20.673 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

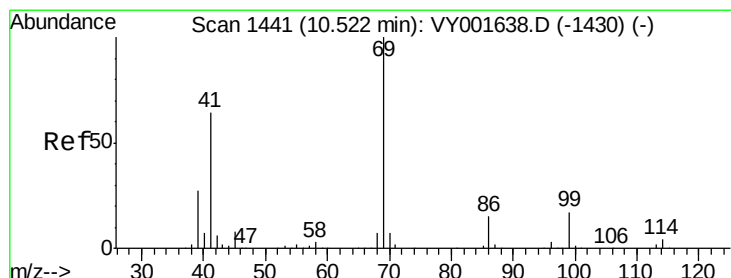
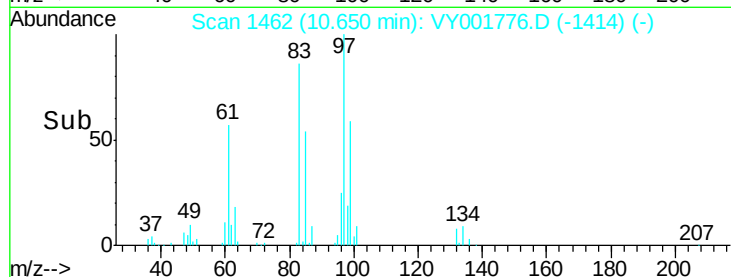
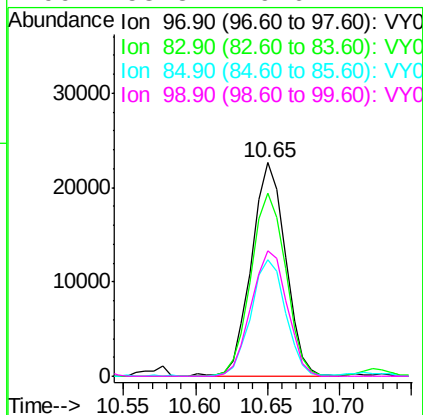
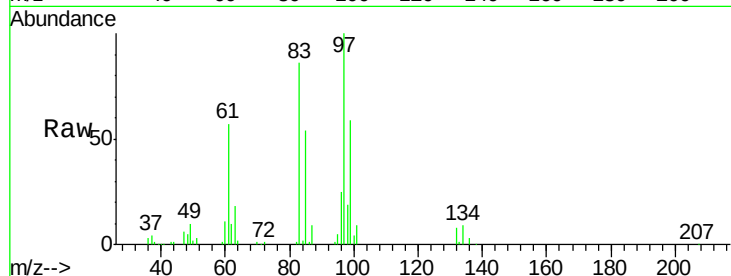
ClientSampleId :

VY0226SBS01

Tot Ion:	97	Resp:	37075
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.7	104.5
85	54.4	44.5	66.7
99	58.8	49.6	74.4

Manual Integrations
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MMDadoda
2/27/2020 10:45:48 AM



#56

Ethyl methacrylate

Concen: 19.820 ug/l

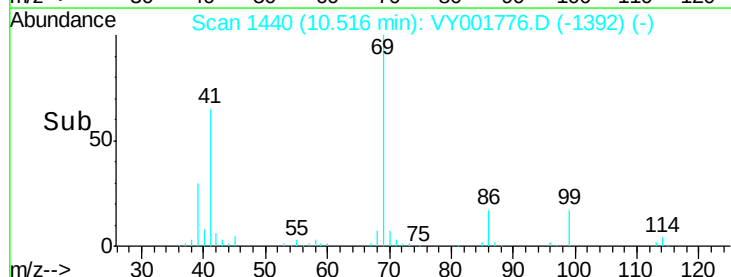
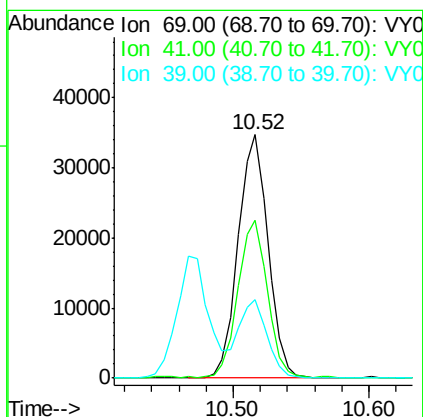
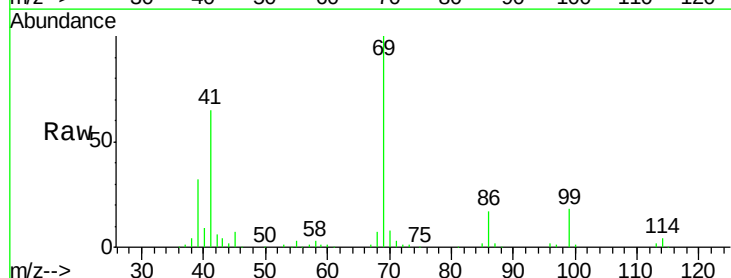
RT: 10.52 min Scan# 1440

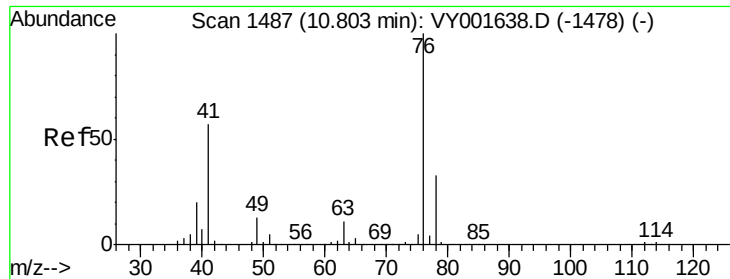
Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion:	69	Resp:	53324
Ion	Ratio	Lower	Upper
69	100		
41	64.8	51.0	76.4
39	32.3	24.7	37.1





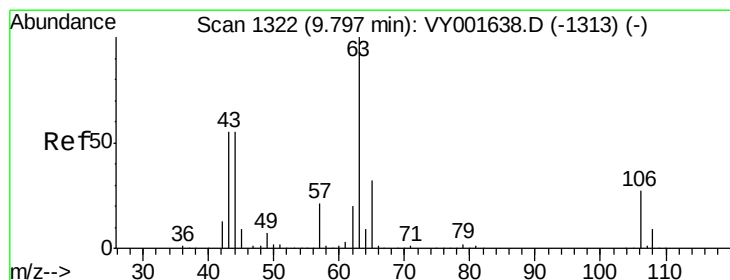
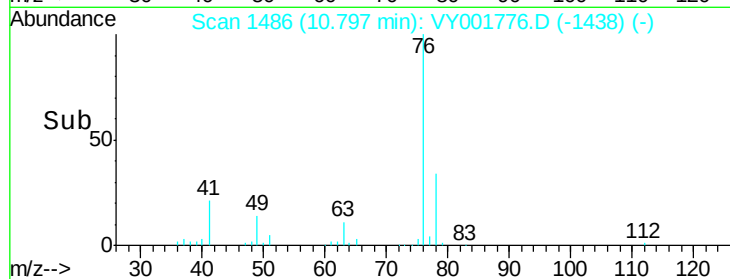
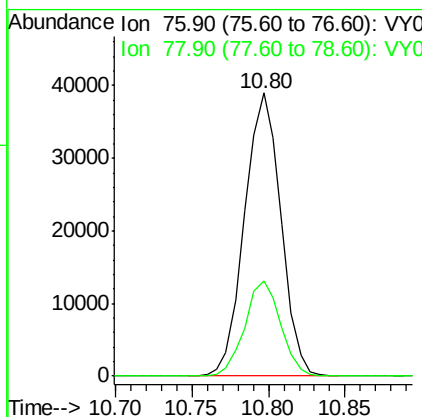
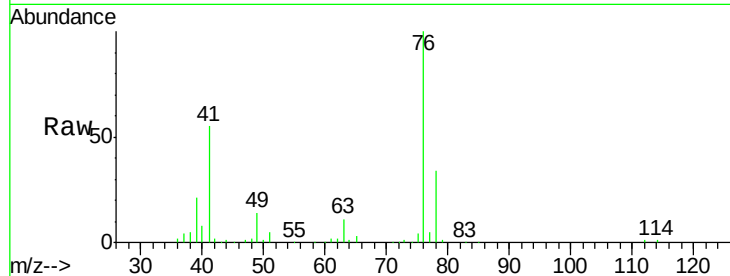
#57
 1,3-Dichloropropane
 Concen: 20.230 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion: 76 Resp: 64464
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.7 38.5

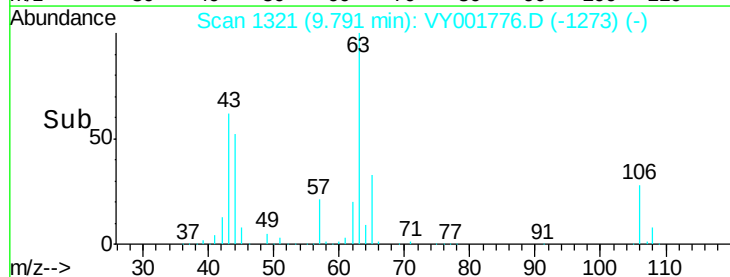
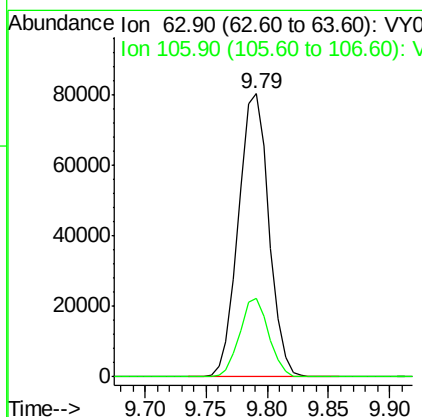
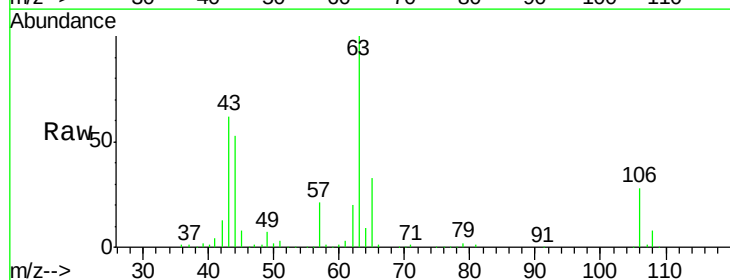
Manual Integrations
 APPROVED

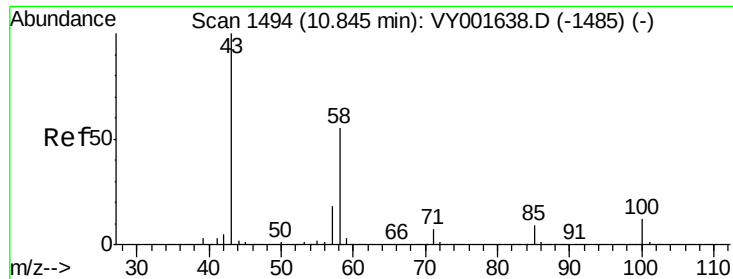
MMDadoda
 2/27/2020 10:45:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 127.418 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion: 63 Resp: 138407
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.6 32.4





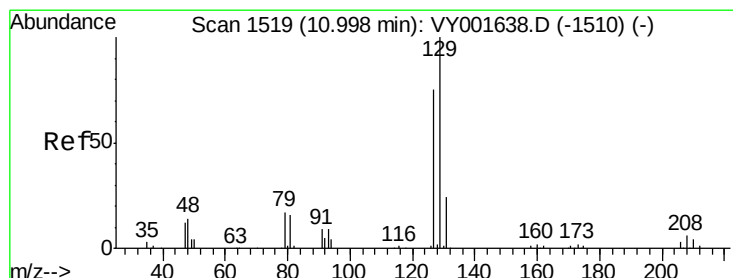
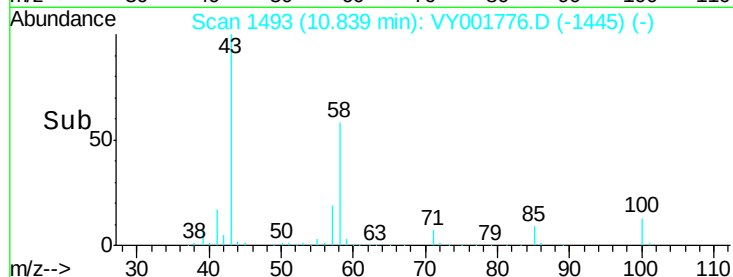
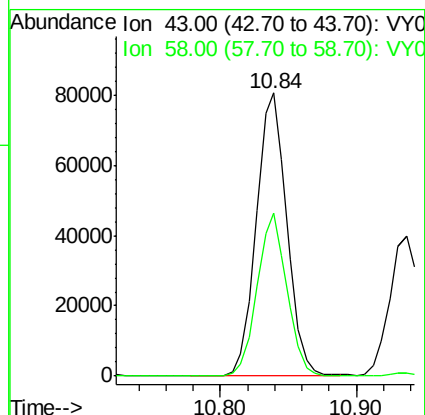
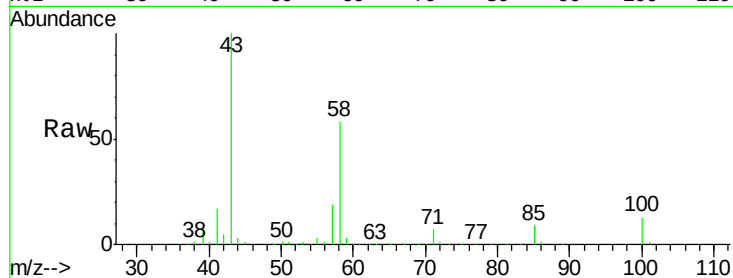
#59
2-Hexanone
Concen: 92.058 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 43 Resp: 126878
Ion Ratio Lower Upper
43 100
58 56.1 28.4 85.2

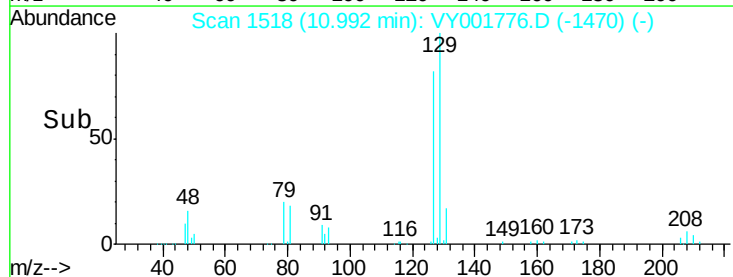
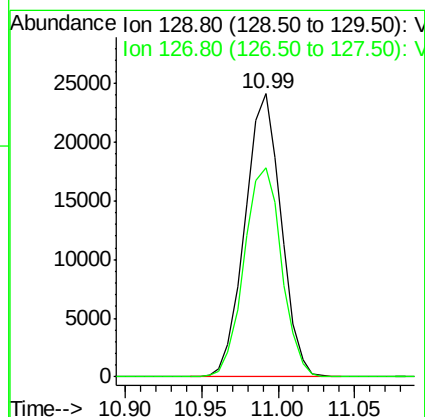
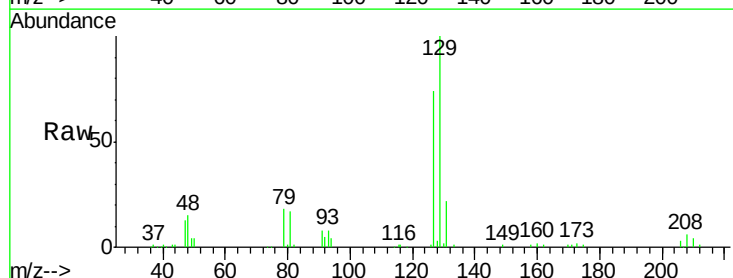
Manual Integrations
APPROVED

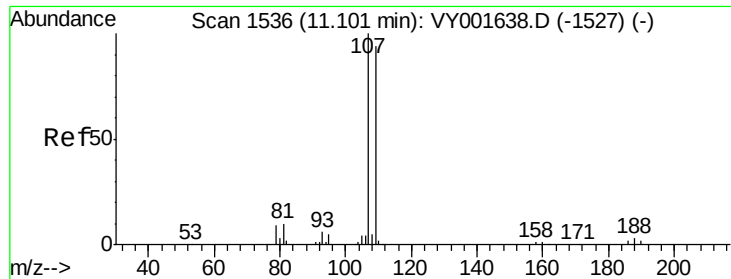
MMDadoda
2/27/2020 10:45:48 AM



#60
Dibromochloromethane
Concen: 20.011 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion: 129 Resp: 39567
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





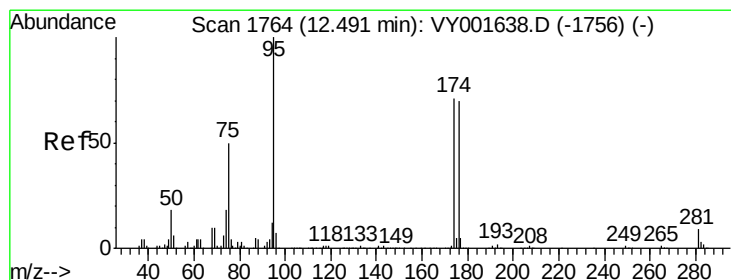
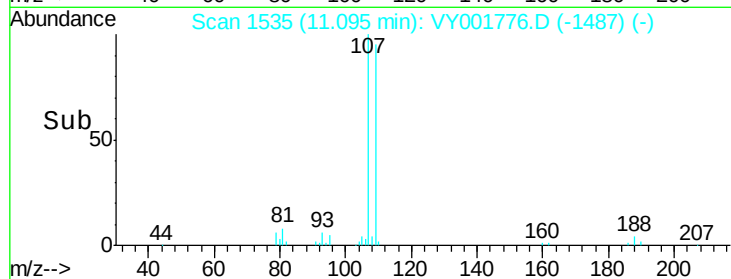
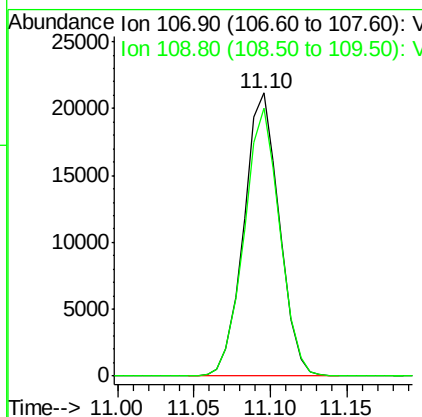
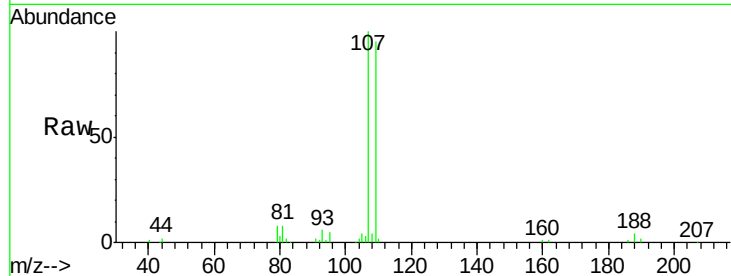
#61
 1,2-Dibromoethane
 Concen: 20.032 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.2	111.4

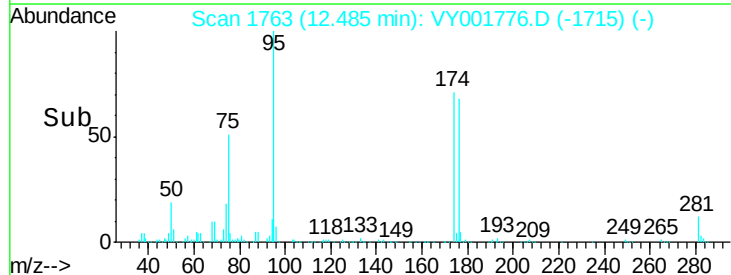
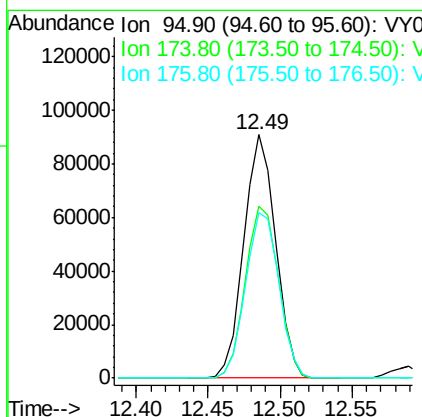
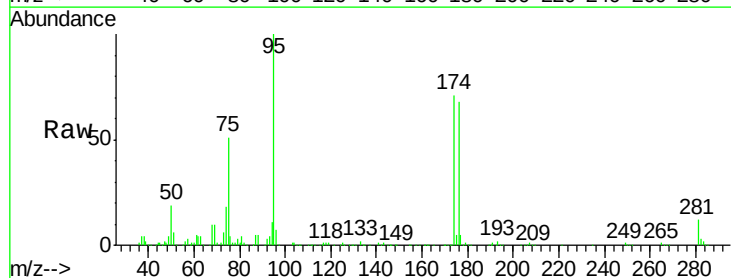
Manual Integrations
 APPROVED

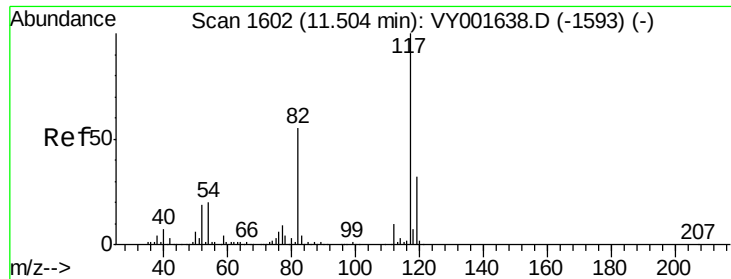
MMDadoda
 2/27/2020 10:45:48 AM



#62
 4-Bromofluorobenzene
 Concen: 48.323 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	138.4
176	71.2	0.0	131.8





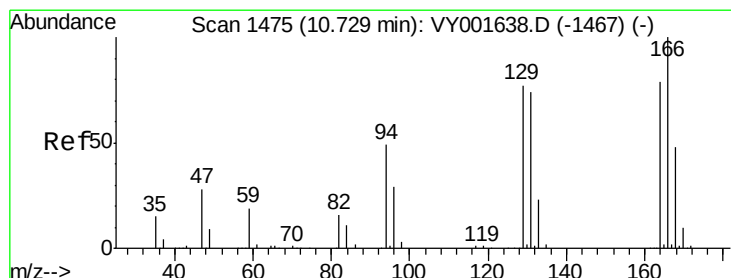
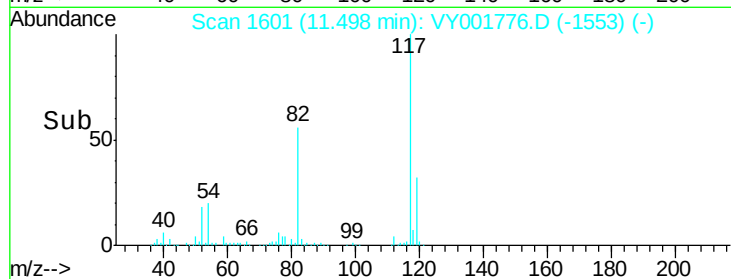
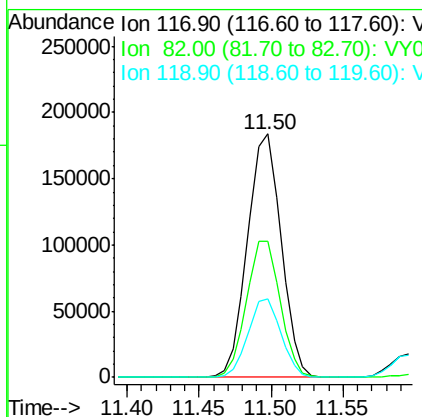
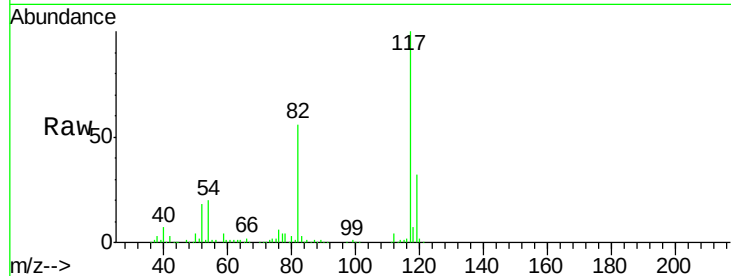
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	297953		
82	55.7		45.5	68.3
119	32.1		25.8	38.6

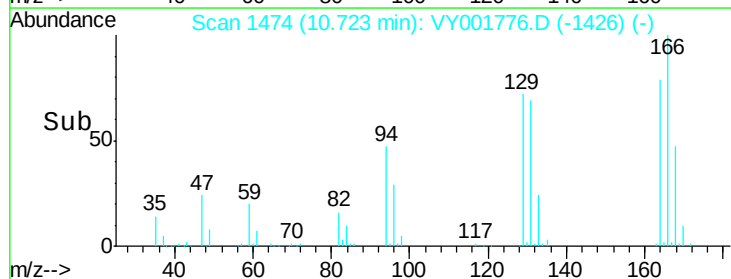
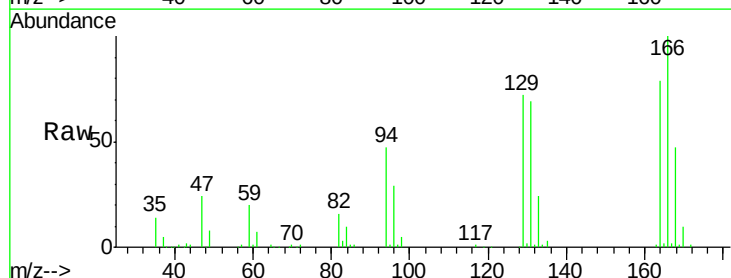
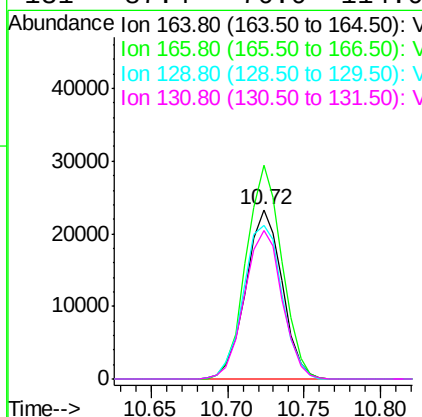
Manual Integrations
APPROVED

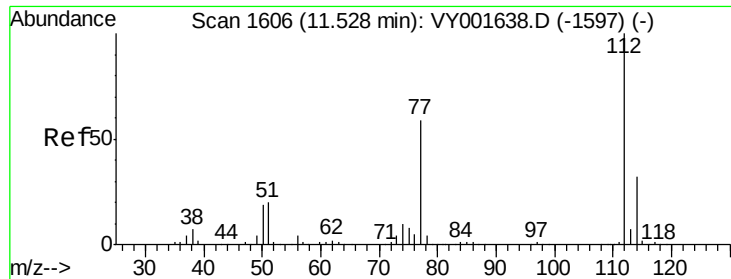
MMDadoda
2/27/2020 10:45:48 AM



#64
Tetrachloroethene
Concen: 20.574 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38482		
166	126.1		101.4	152.0
129	90.8		78.7	118.1
131	87.4		76.0	114.0





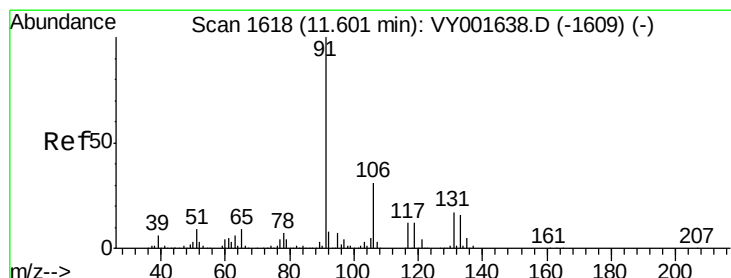
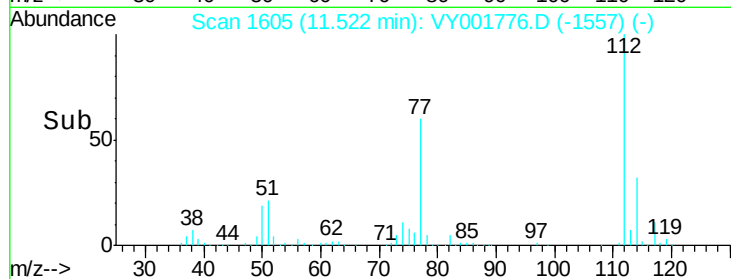
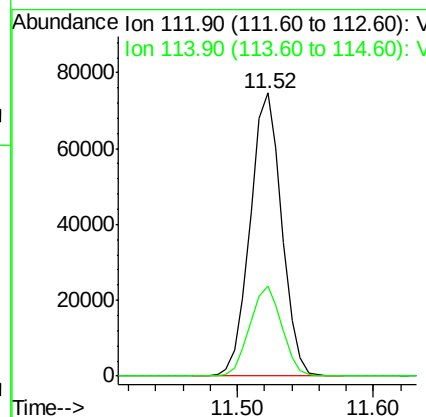
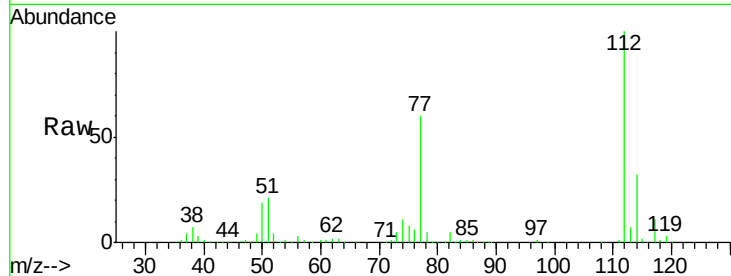
#65
Chlorobenzene
Concen: 20.397 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion:112 Resp: 121333
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

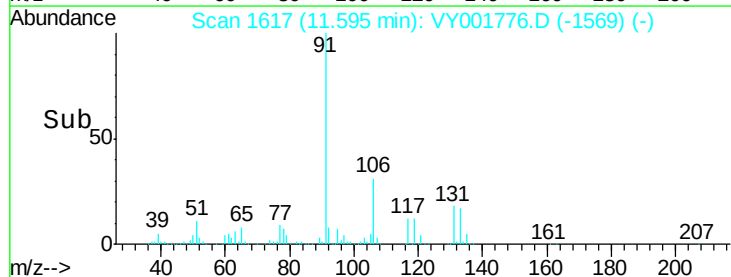
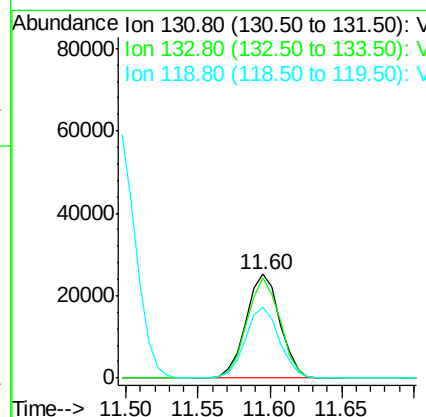
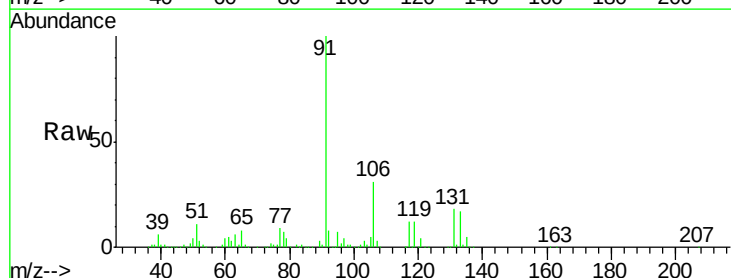
Manual Integrations
APPROVED

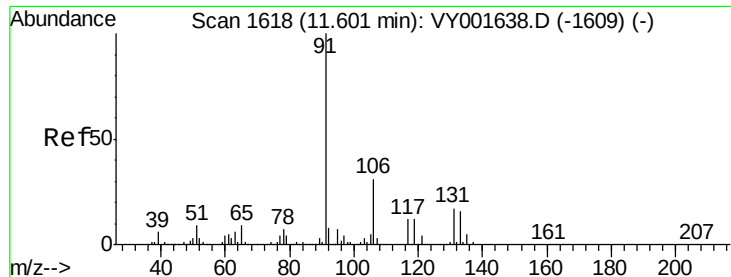
MMDadoda
2/27/2020 10:45:48 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.461 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion:131 Resp: 41057
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.2
119 67.9 34.4 103.1





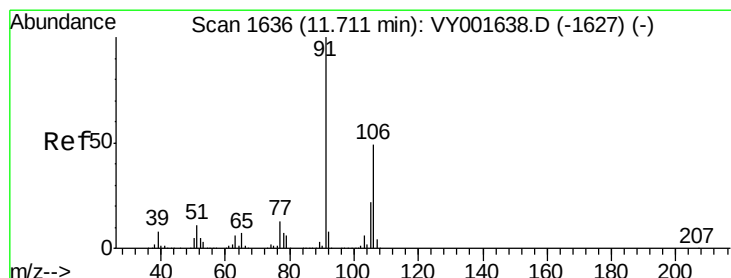
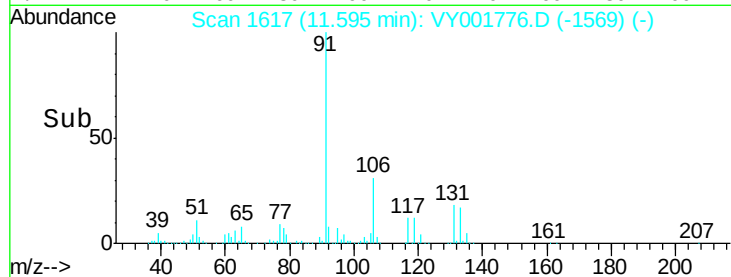
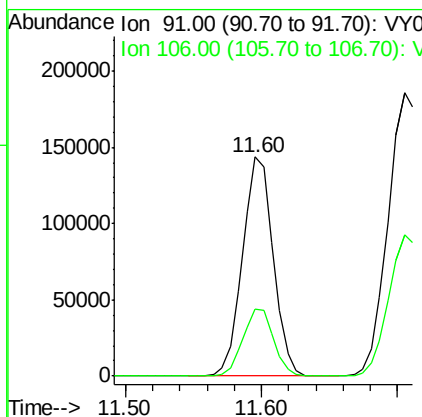
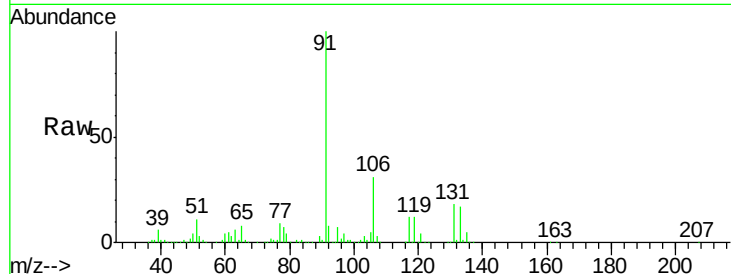
#67
Ethyl Benzene
Concen: 20.549 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion: 91 Resp: 226848
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7

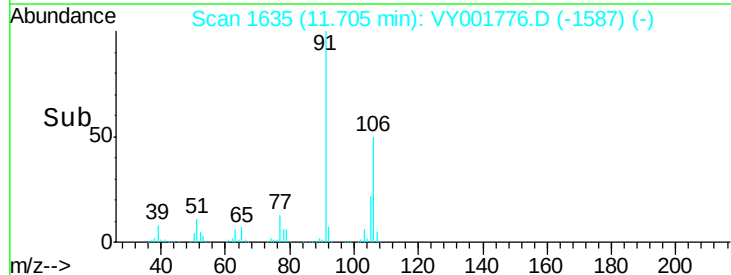
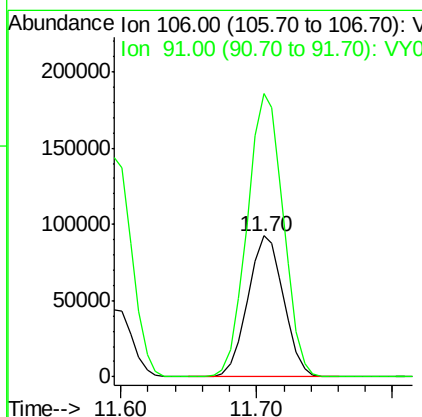
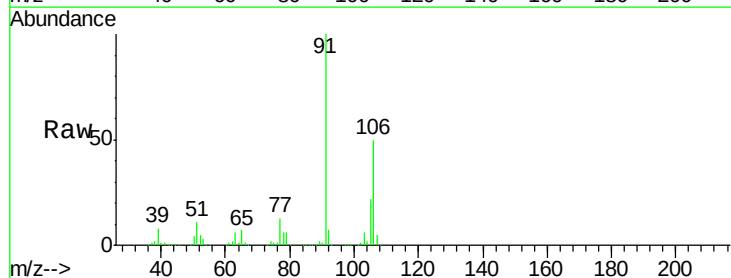
Manual Integrations
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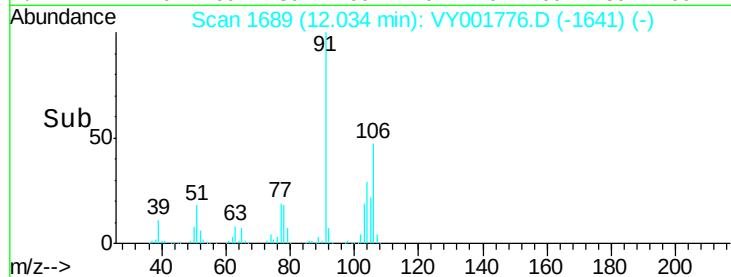
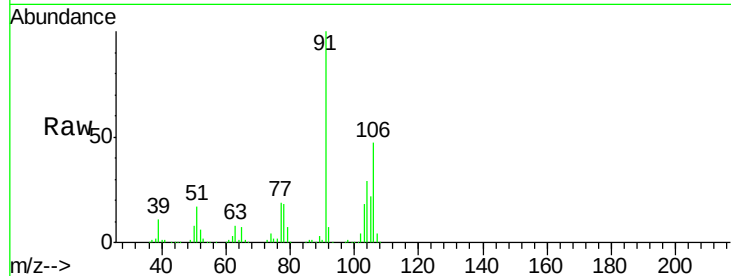
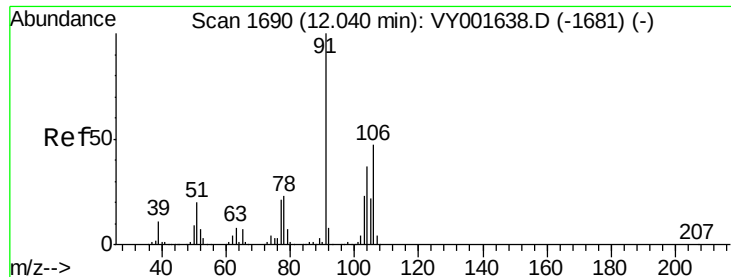
MMDadoda
2/27/2020 10:45:48 AM



#68
m/p-Xylenes
Concen: 41.308 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion: 106 Resp: 170341
Ion Ratio Lower Upper
106 100
91 202.2 163.3 244.9





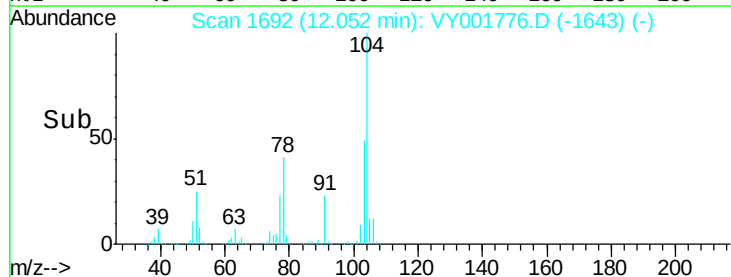
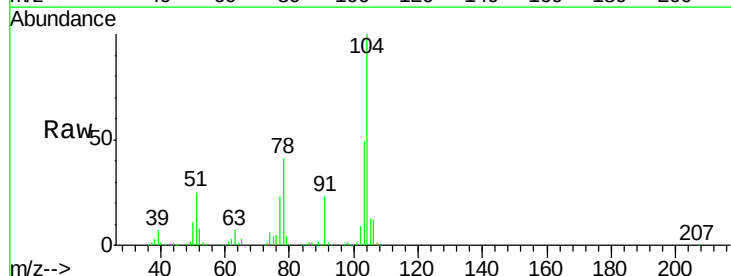
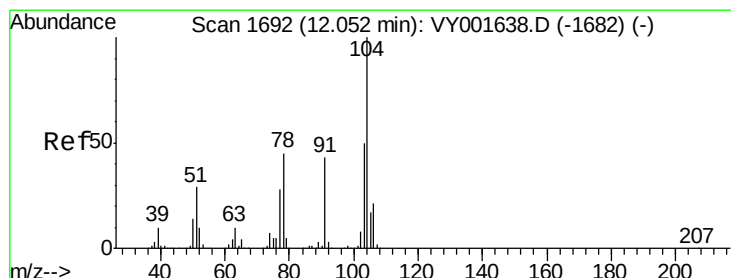
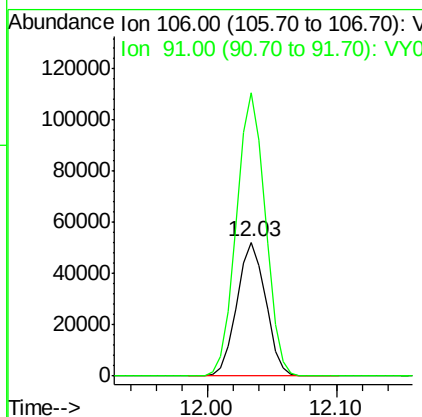
#69
o-Xylene
Concen: 20.769 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tot Ion:106 Resp: 81423
Ion Ratio Lower Upper
106 100
91 211.3 108.3 324.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBSD01

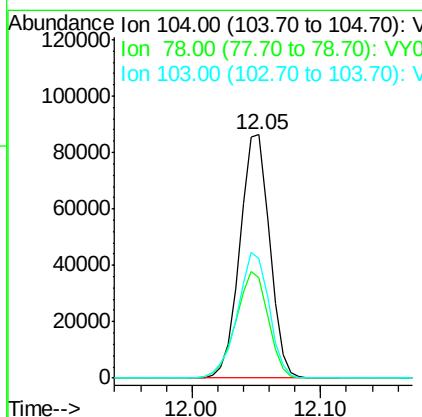
Manual Integrations
APPROVED

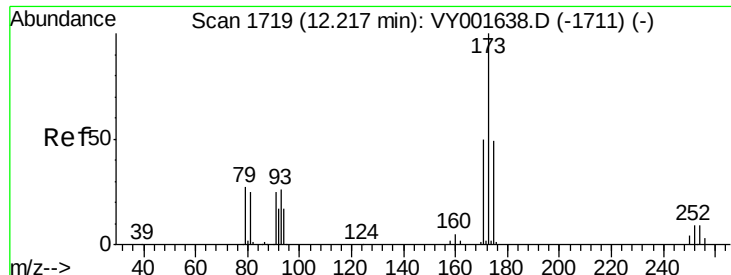
MMDadoda
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#70
Styrene
Concen: 20.219 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion:104 Resp: 137759
Ion Ratio Lower Upper
104 100
78 47.7 39.2 58.8
103 54.8 43.0 64.6





#71

Bromoform

Concen: 18.677 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:173 Resp: 21418

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

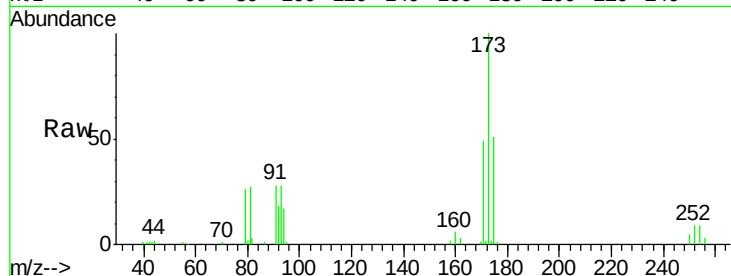
254 0.0 0.1 0.1#

Manual Integrations

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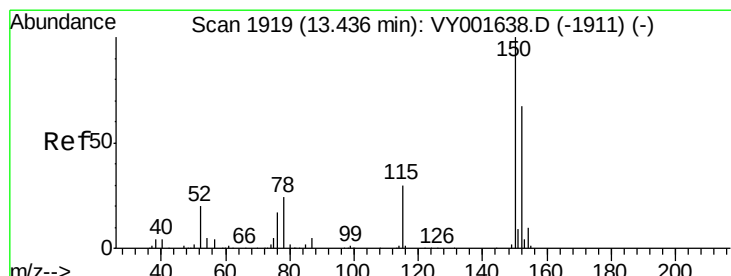
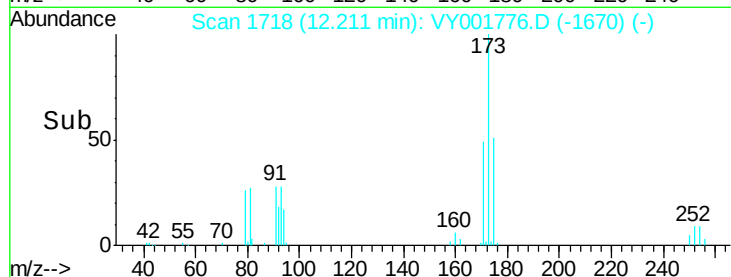
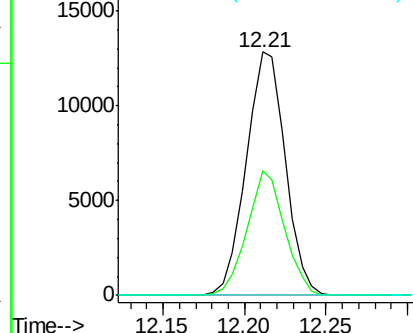
2/27/2020 10:45:48 AM



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

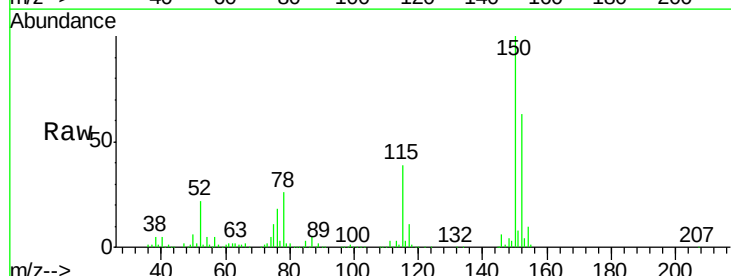
Tgt Ion:152 Resp: 140358

Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.2

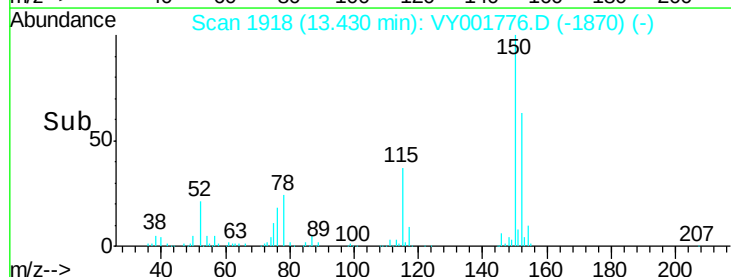
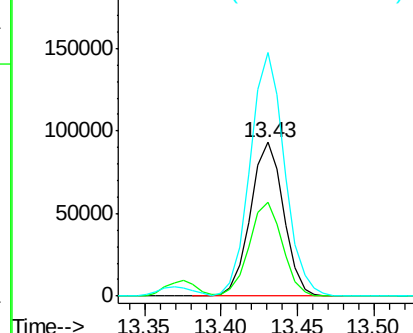
150 164.5 0.0 407.2

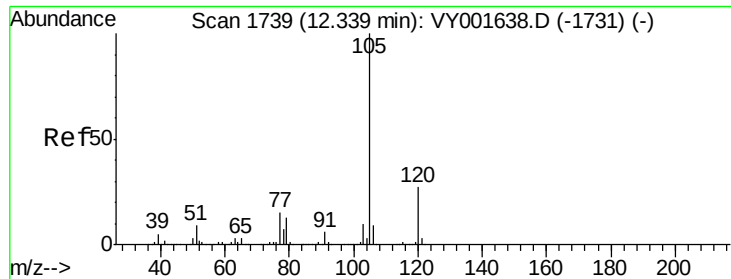


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.233 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:105 Resp: 216345

Ion Ratio Lower Upper

105 100

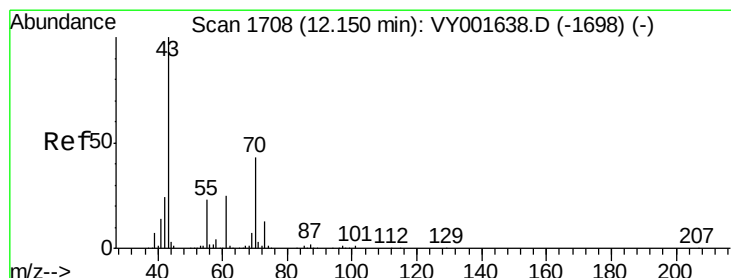
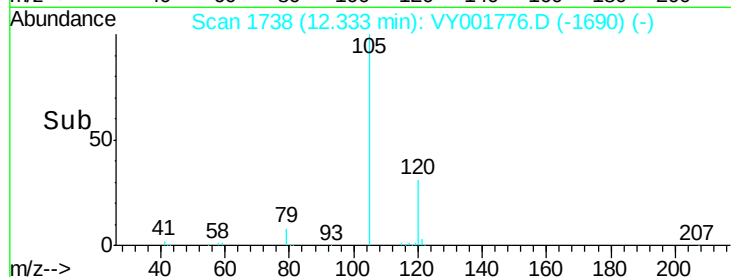
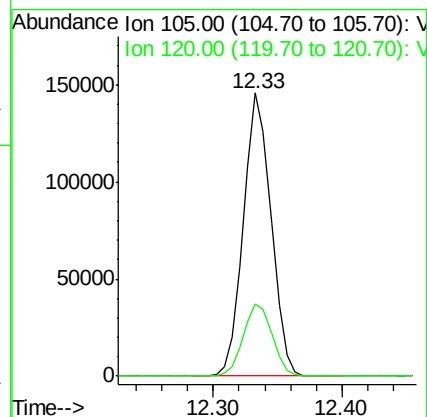
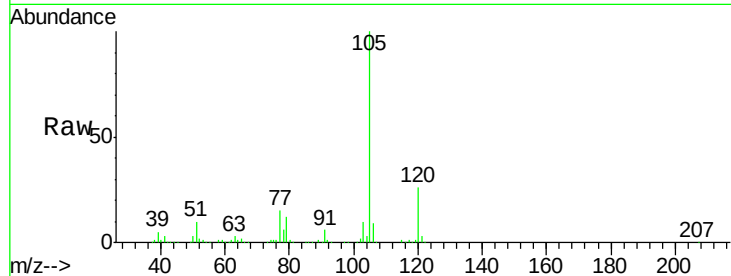
120 26.4 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.045 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Tgt Ion: 43 Resp: 64993

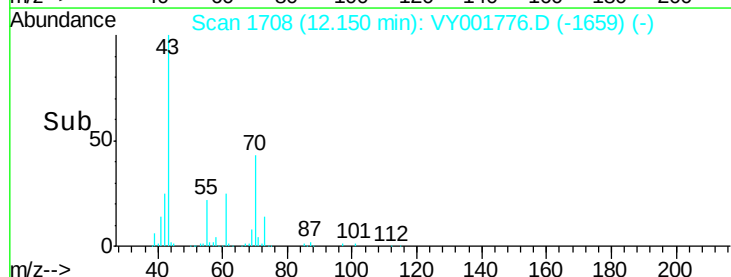
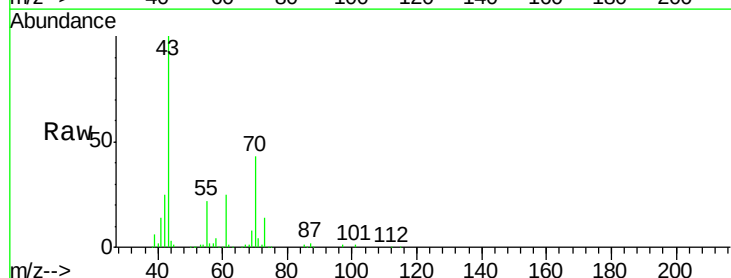
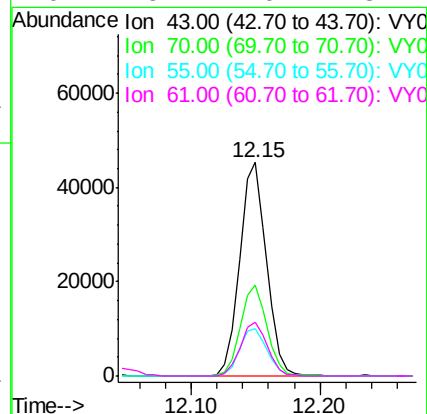
Ion Ratio Lower Upper

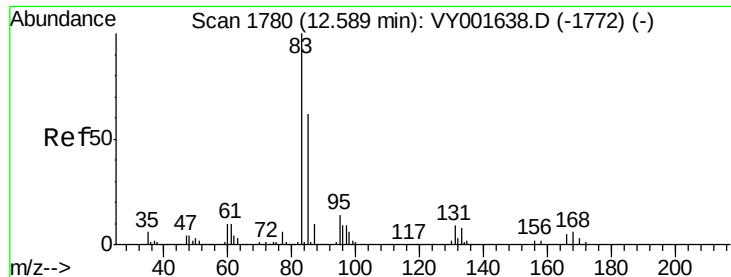
43 100

70 42.4 35.9 53.9

55 23.0 18.3 27.5

61 25.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.825 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

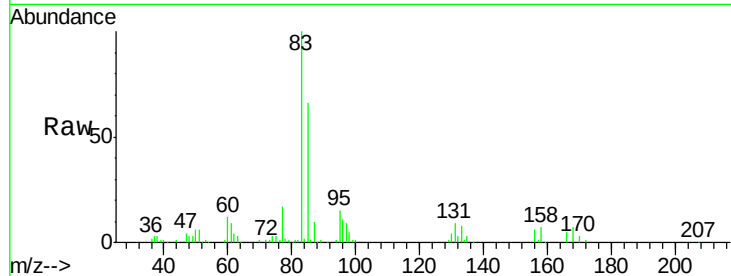
ClientSampleId :

VY0226SBS01

Tot Ion:	83	Resp:	45262
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.7	14.1
85	63.6	31.6	94.7

Manual Integrations
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MMDadoda
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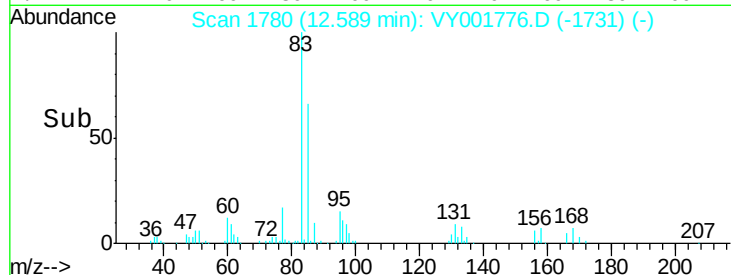


Abundance Ion 82.90 (82.60 to 83.60): VY001776.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001776.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001776.D (-1731) (-)

Time--> 12.50 12.55 12.60 12.65

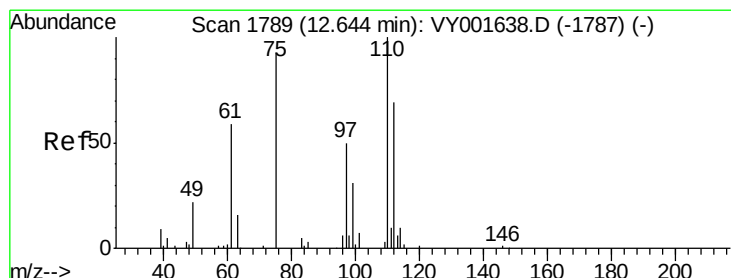


Abundance Ion 82.90 (82.60 to 83.60): VY001776.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001776.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001776.D (-1731) (-)

Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 18.939 ug/l m

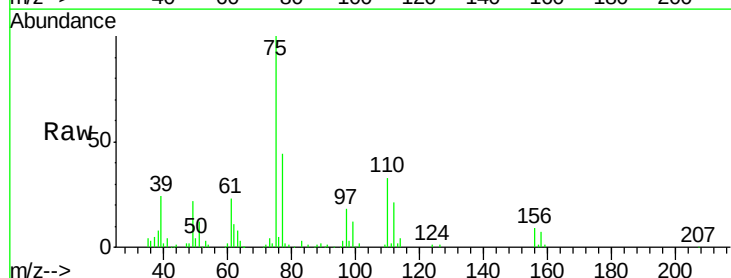
RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

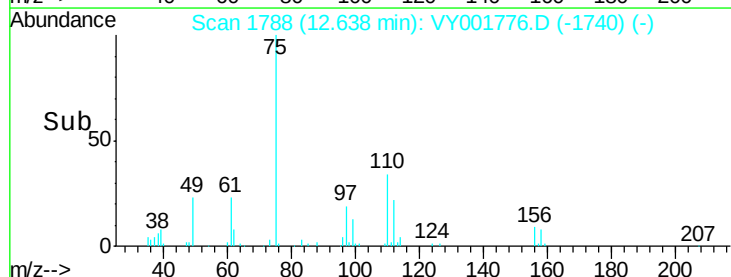
Tgt Ion:	75	Resp:	30494
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001776.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001776.D (-1740) (-)

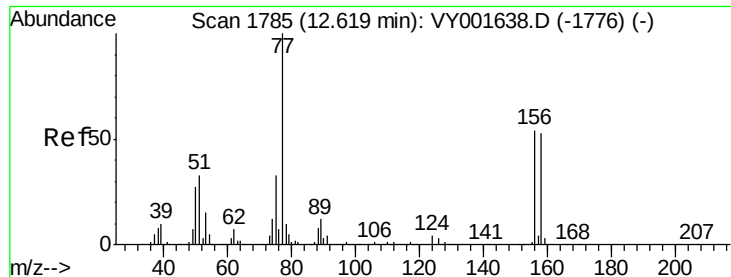
Time--> 12.60 12.65



Abundance Ion 74.90 (74.60 to 75.60): VY001776.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001776.D (-1740) (-)

Time--> 12.60 12.65



#77

Bromobenzene

Concen: 20.284 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:156 Resp: 47018

Ion Ratio Lower Upper

156 100

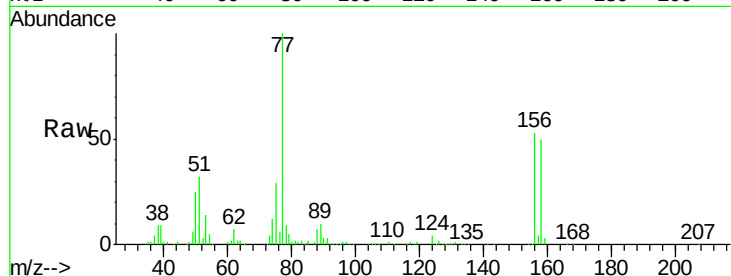
77 212.7 110.1 330.1

158 97.6 47.9 143.7

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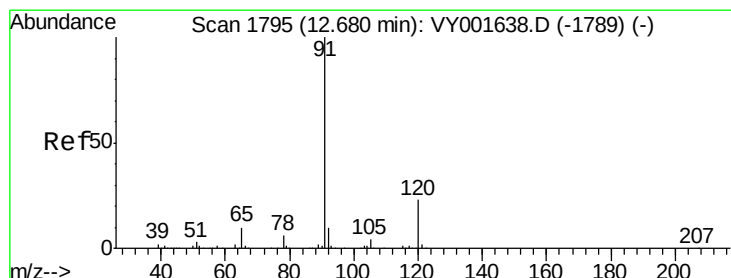
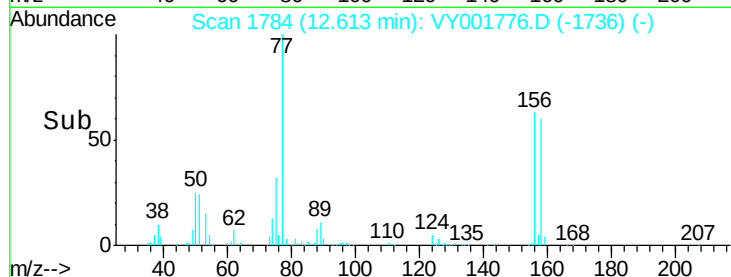
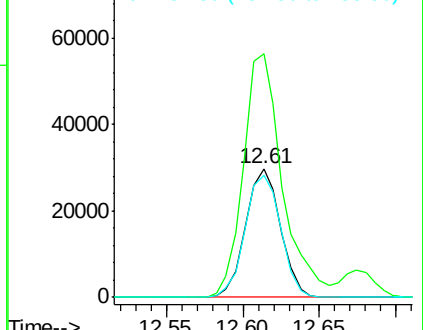
2/27/2020 10:45:48 AM



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: 20.868 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001776.D

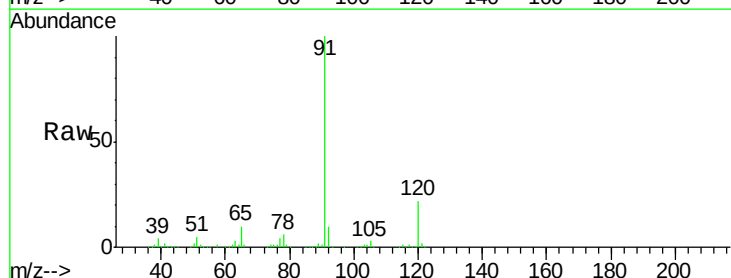
Acq: 26 Feb 2020 11:45

Tgt Ion: 91 Resp: 271757

Ion Ratio Lower Upper

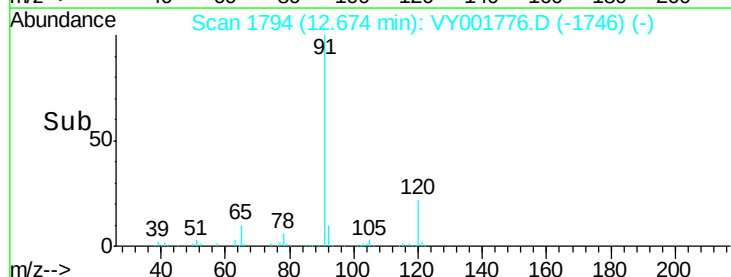
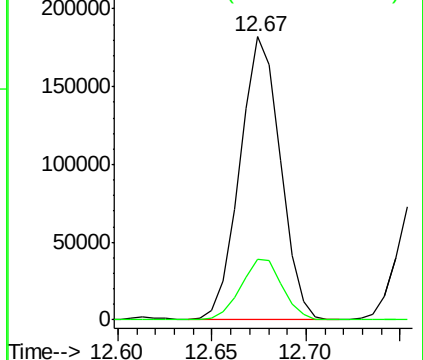
91 100

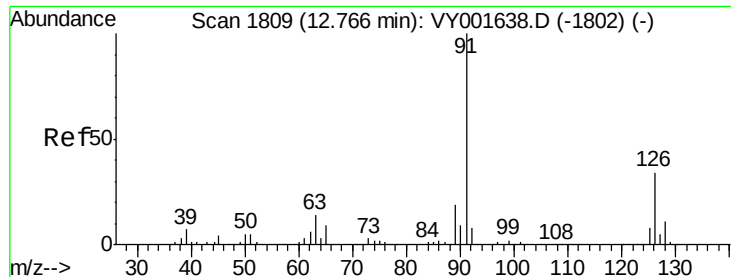
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





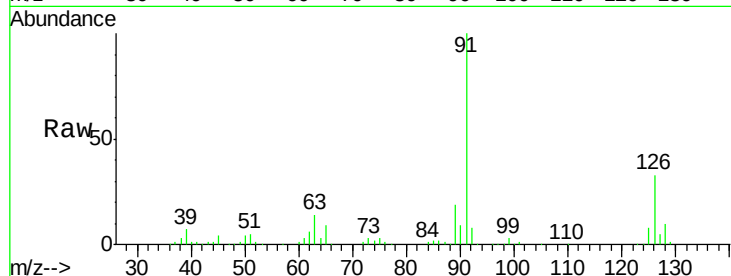
#79
 2-Chlorotoluene
 Concen: 20.483 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

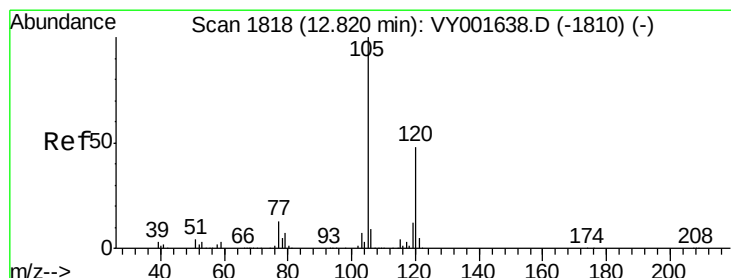
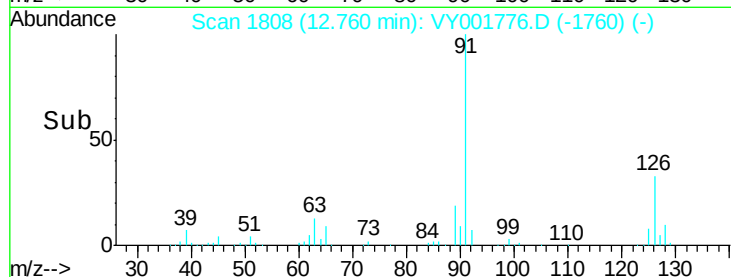
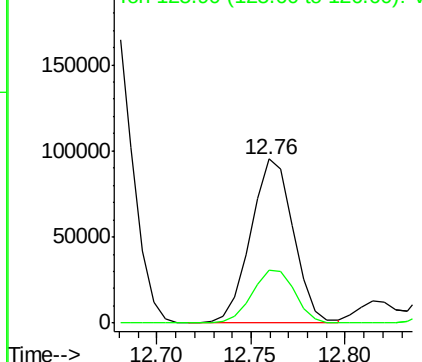
Tot Ion: 91 Resp: 149610
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.6

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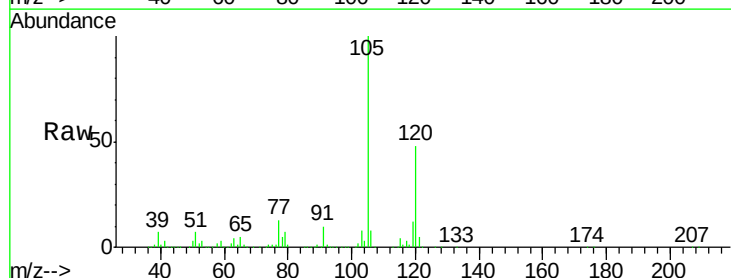


Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1802) (-)
 Ion 125.90 (125.60 to 126.60): VY001638.D (-1802) (-)

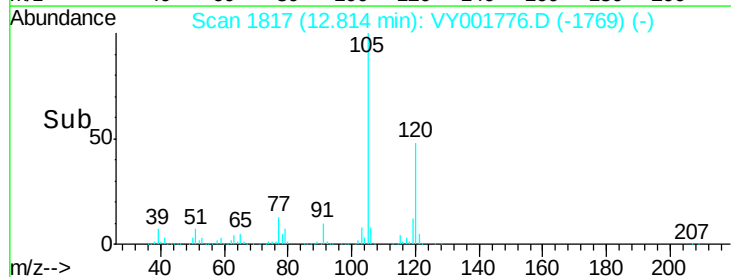
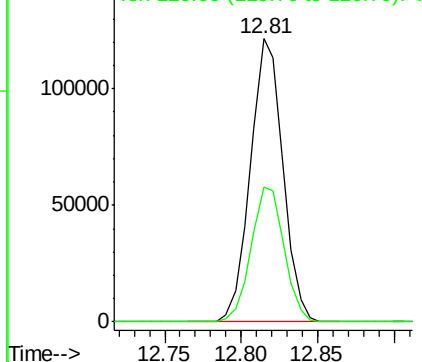


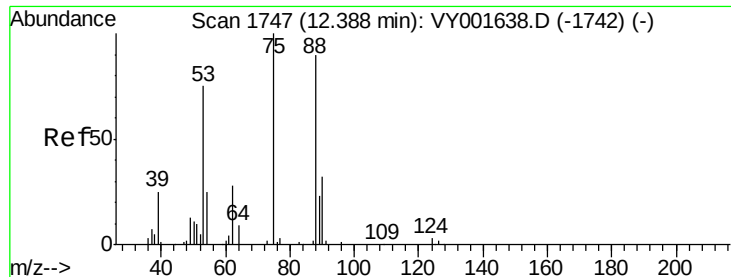
#80
 1,3,5-Trimethylbenzene
 Concen: 20.263 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion: 105 Resp: 179356
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001638.D (-1810) (-)
 Ion 120.00 (119.70 to 120.70): VY001638.D (-1810) (-)





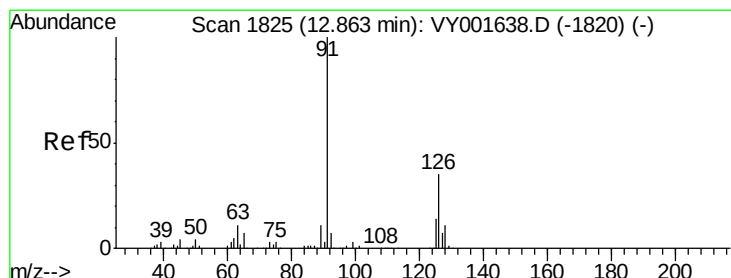
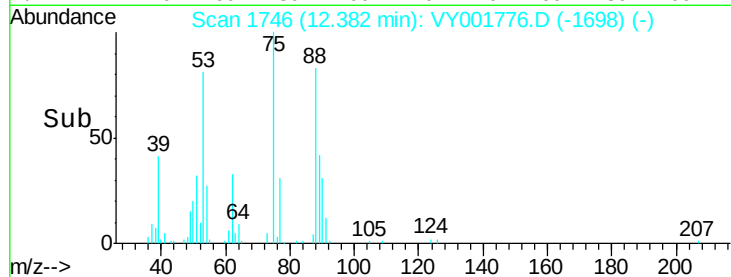
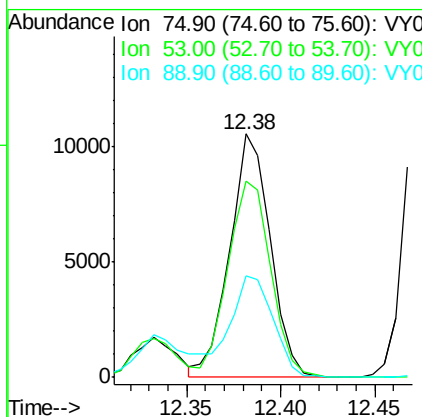
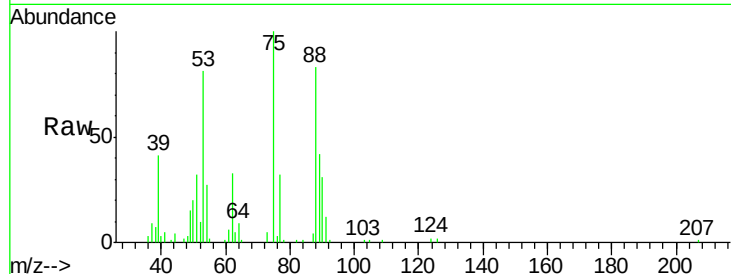
#81
trans-1,4-Dichloro-2-butene
Concen: 18.554 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.0	64.5	96.7
89	45.0	36.3	54.5

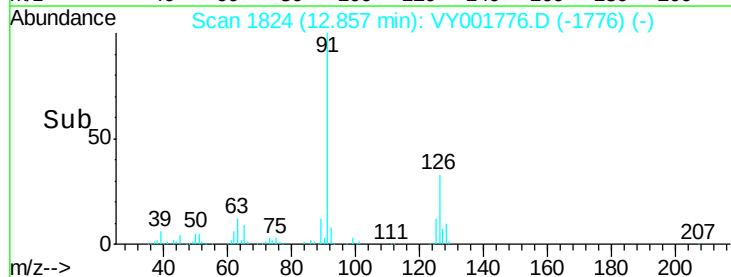
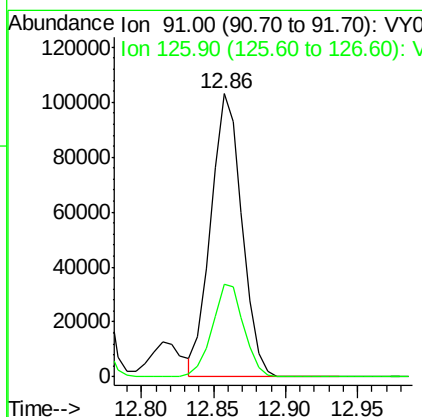
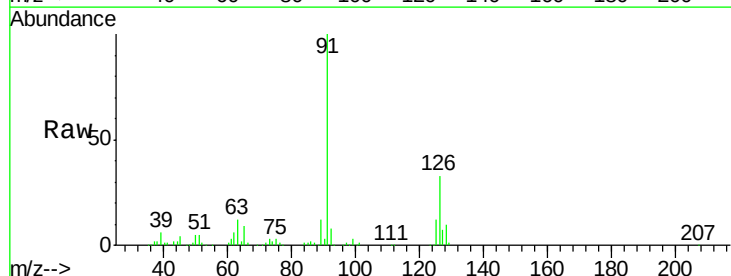
Manual Integrations
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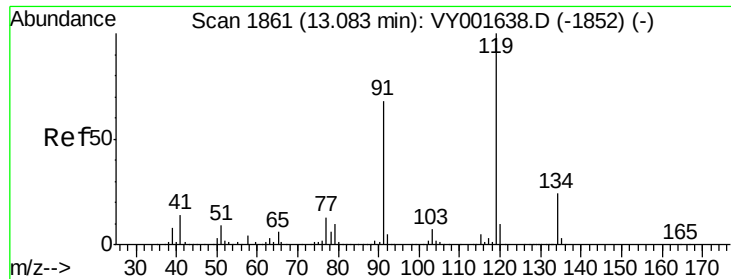
MMDadoda
2/27/2020 10:45:48 AM



#82
4-Chlorotoluene
Concen: 20.194 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.2	48.6





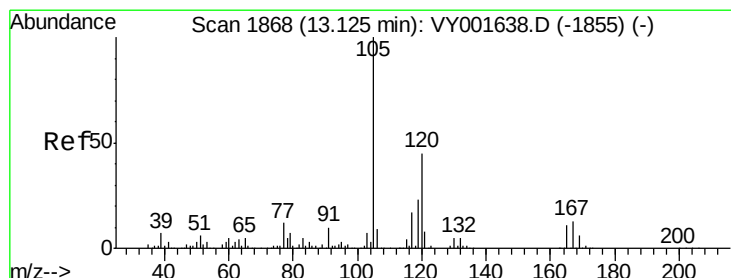
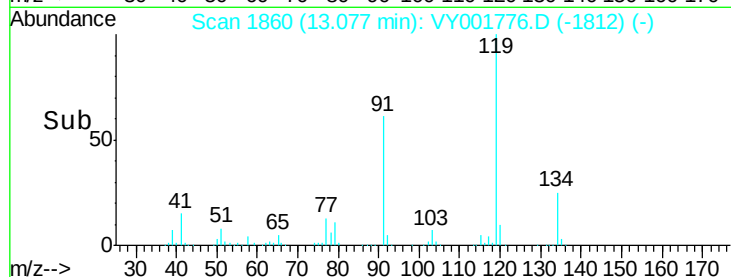
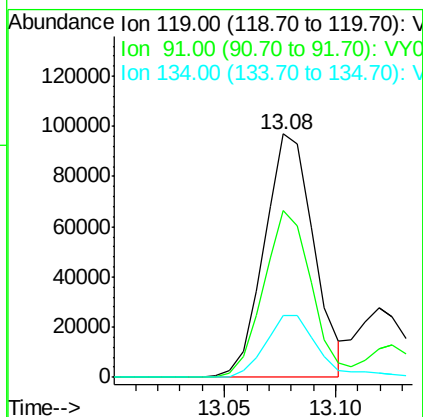
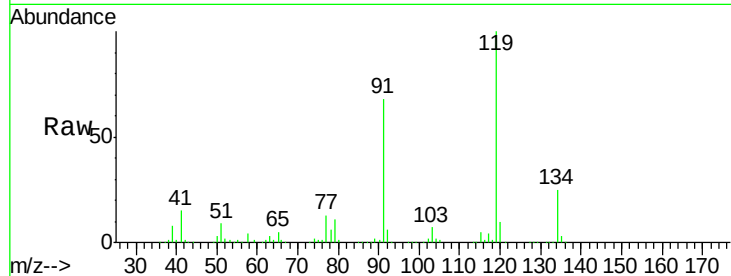
#83
 tert-Butylbenzene
 Concen: 20.155 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.5	100.5
134	27.5	13.3	39.8

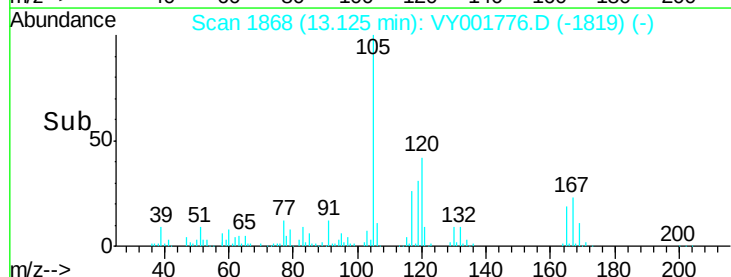
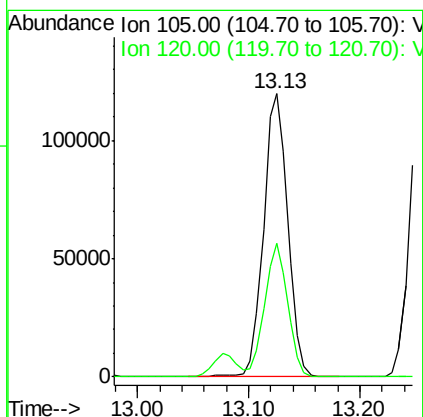
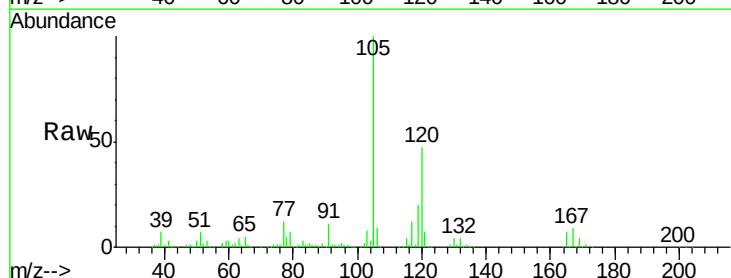
Manual Integrations
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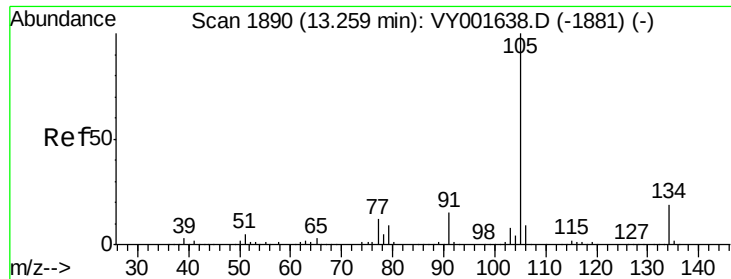
MMDadoda
 2/27/2020 10:45:48 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.623 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 20.383 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBS01

Tot Ion:105 Resp: 221927

Ion Ratio Lower Upper

105 100

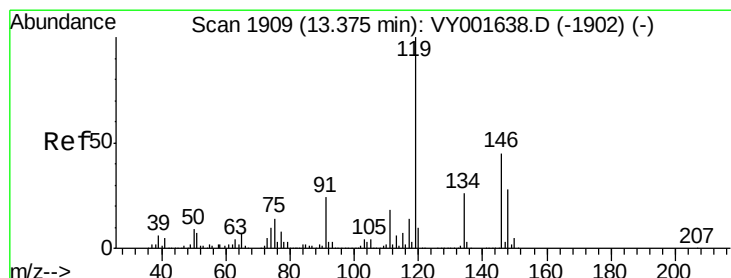
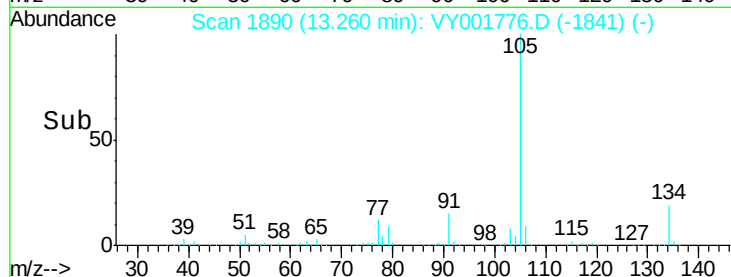
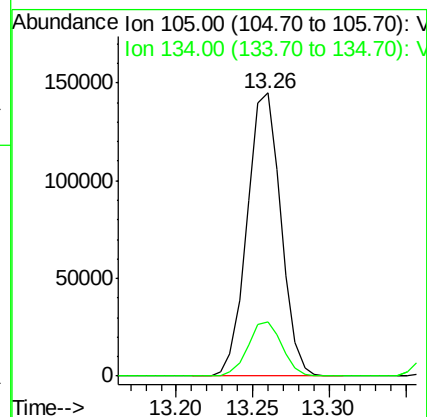
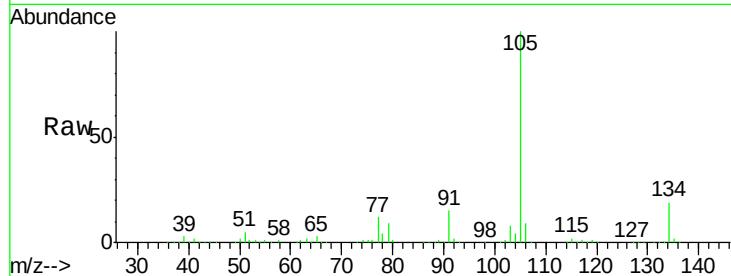
134 19.4 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.742 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001776.D

Acq: 26 Feb 2020 11:45

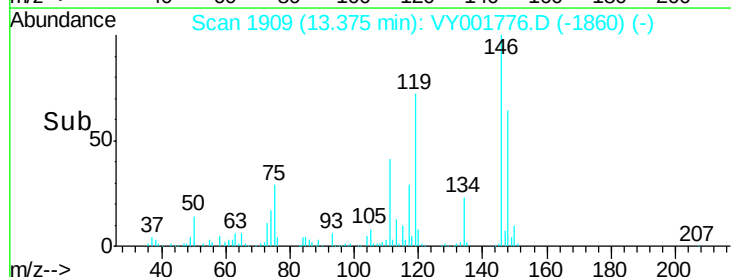
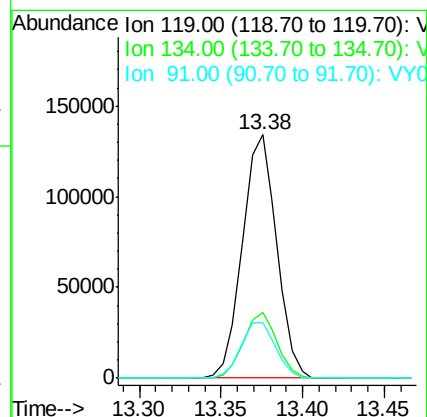
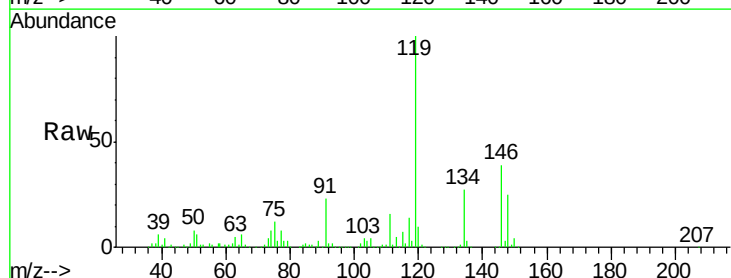
Tgt Ion:119 Resp: 196192

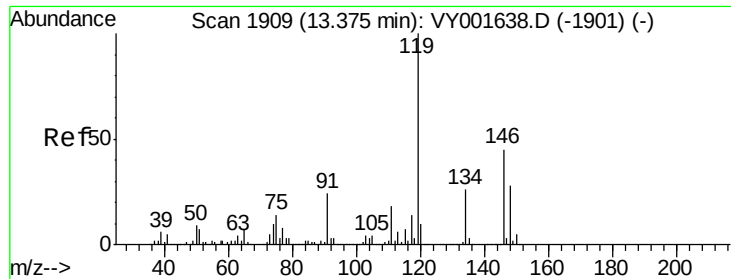
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 23.6 12.2 36.6





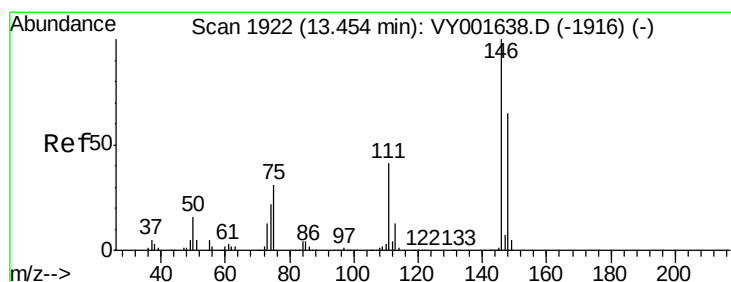
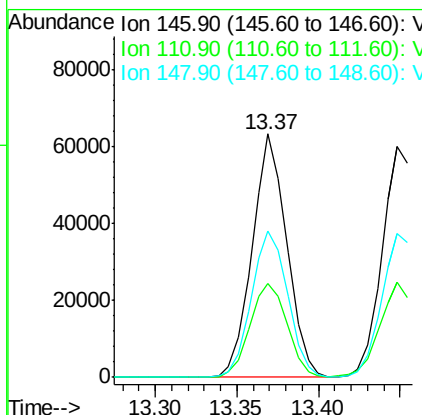
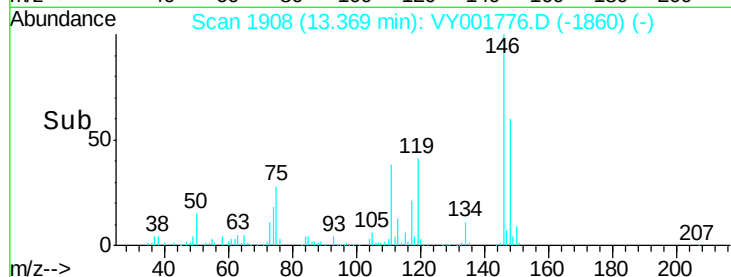
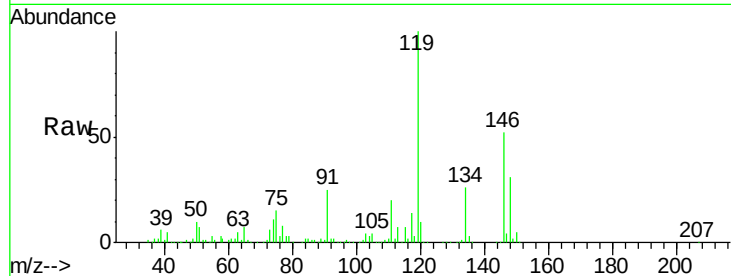
#87
 1,3-Dichlorobenzene
 Concen: 20.775 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.4	64.3
148	63.1	31.6	94.7

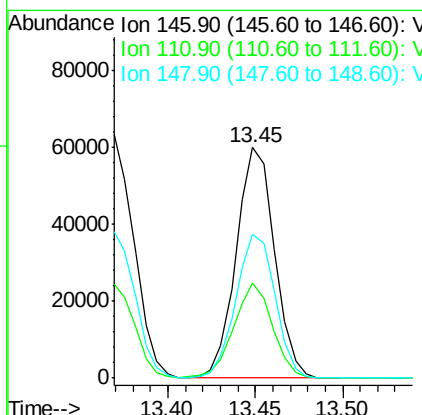
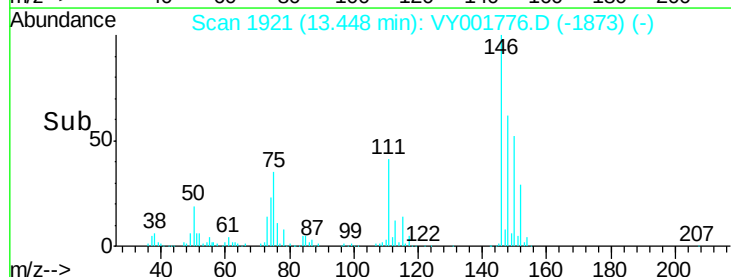
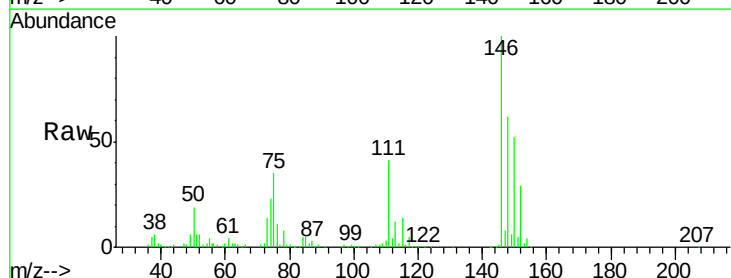
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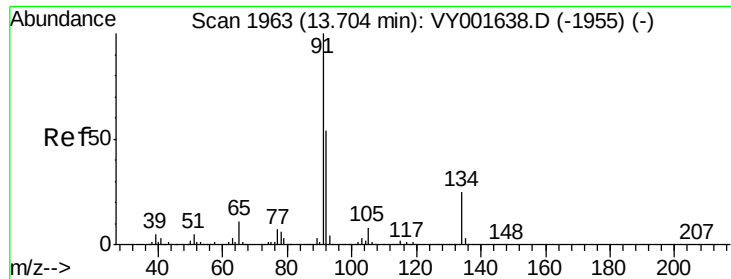
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#88
 1,4-Dichlorobenzene
 Concen: 20.150 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.3
148	63.9	31.6	94.7





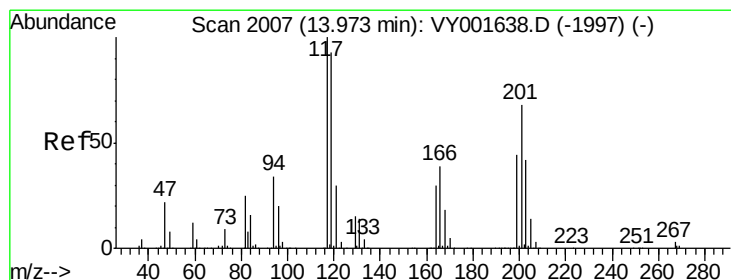
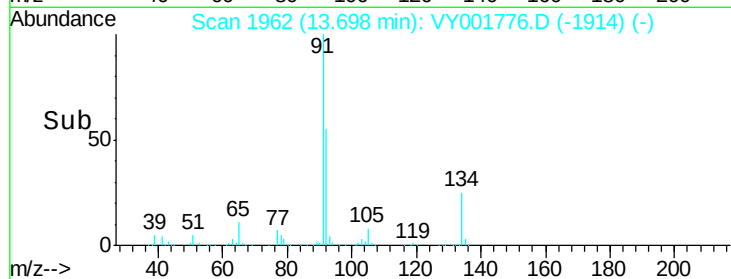
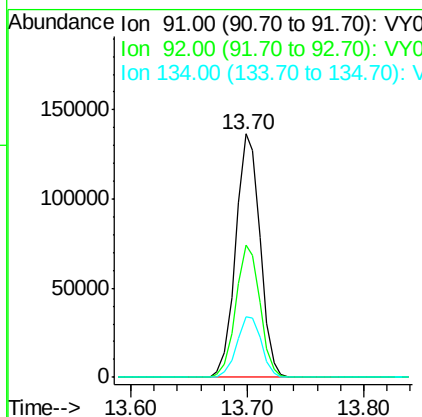
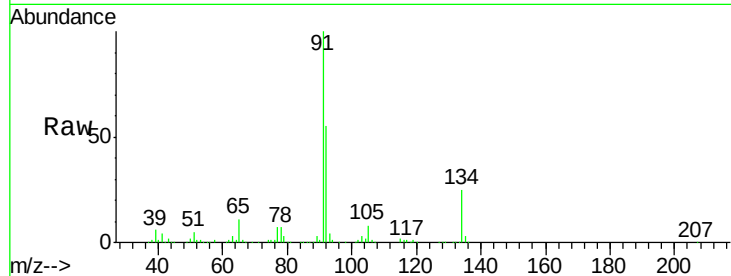
#89
n-Butylbenzene
Concen: 20.537 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	198488		
92	53.9		27.5	82.4
134	25.3		12.4	37.4

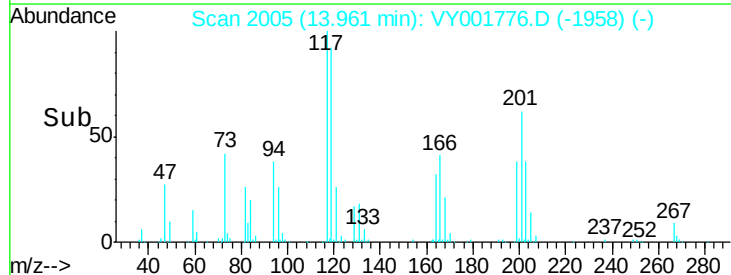
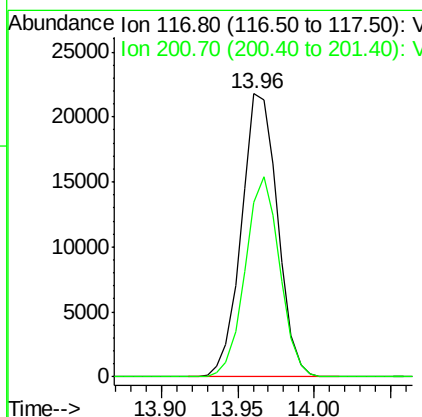
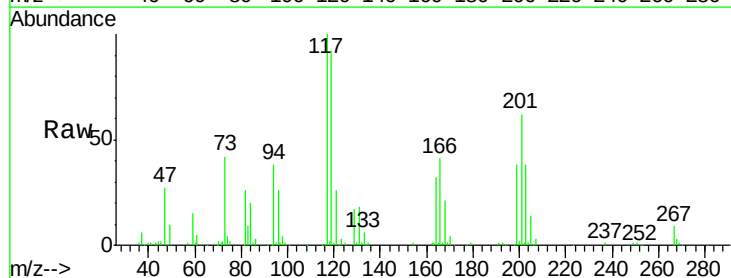
Manual Integrations
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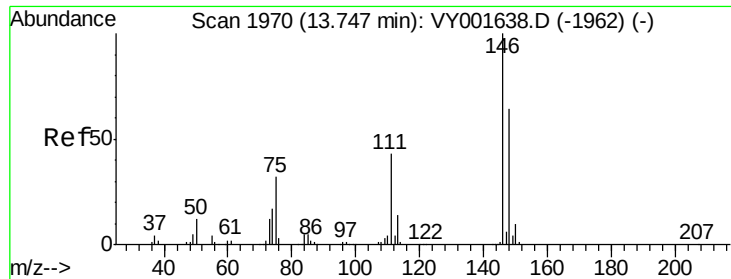
MMDadoda
2/27/2020 10:45:48 AM



#90
Hexachloroethane
Concen: 20.072 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35770		
201	67.4		32.5	97.4





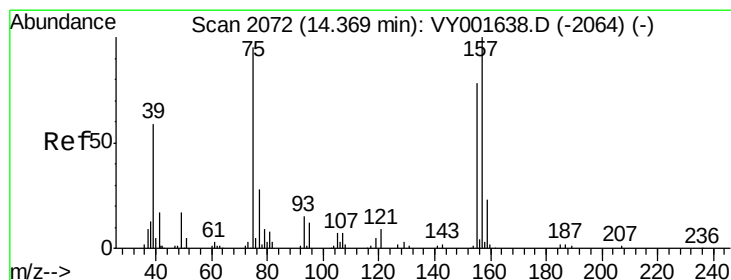
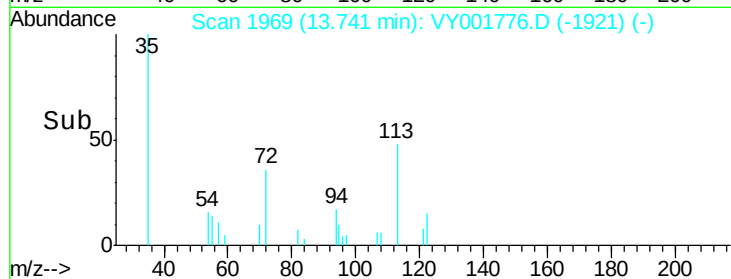
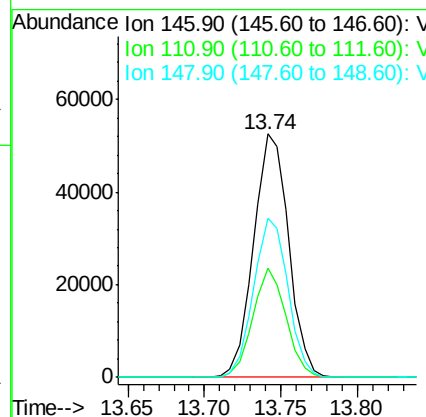
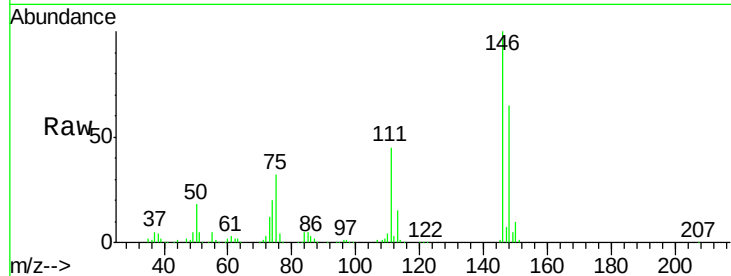
#91
 1,2-Dichlorobenzene
 Concen: 20.197 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.9	65.7
148	64.3	31.5	94.5

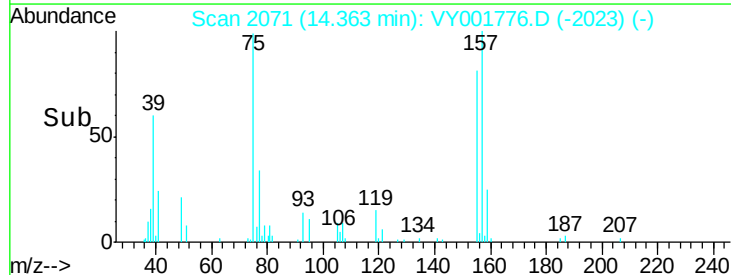
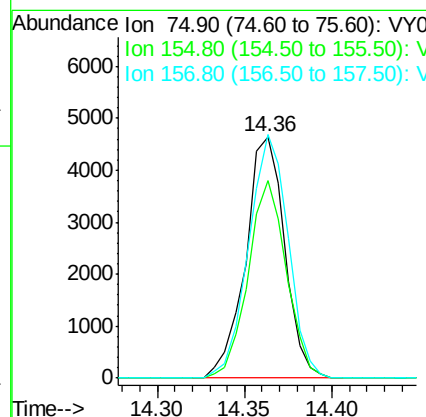
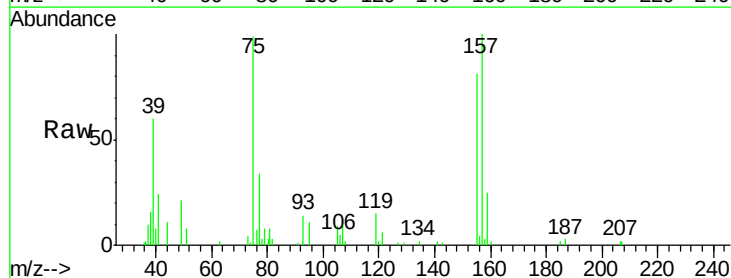
Manual Integrations
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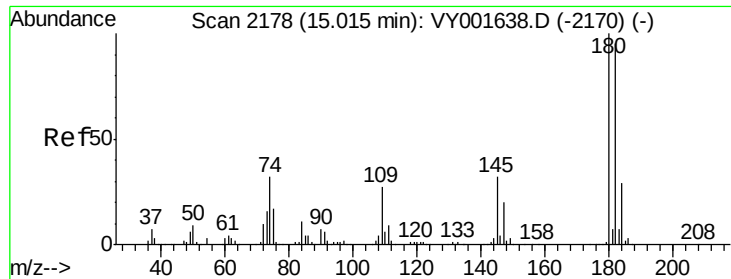
MMDadoda
 2/27/2020 10:45:48 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.133 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001776.D
 Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	40.8	122.4
157	102.1	52.1	156.4





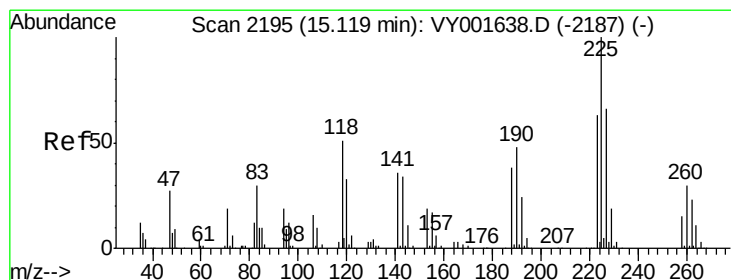
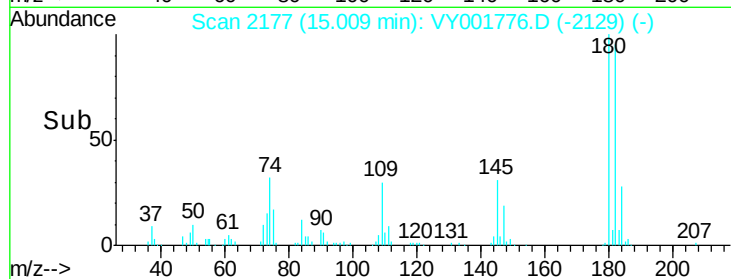
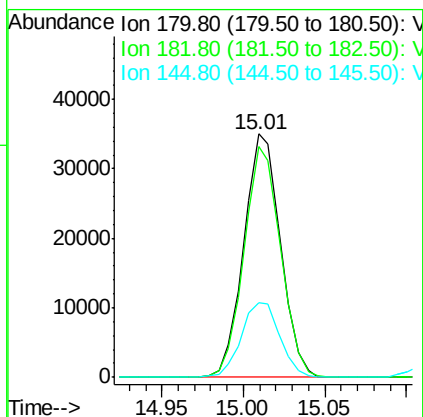
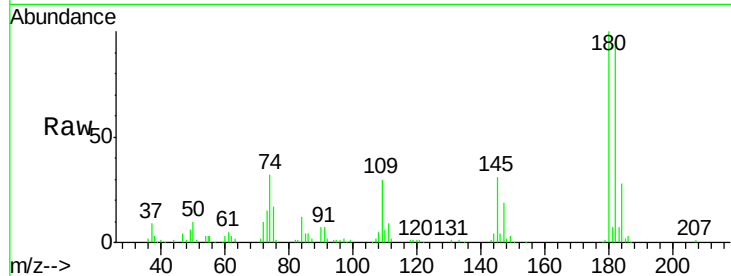
#93
1,2,4-Trichlorobenzene
Concen: 19.917 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.8	140.3
145	32.3	16.2	48.5

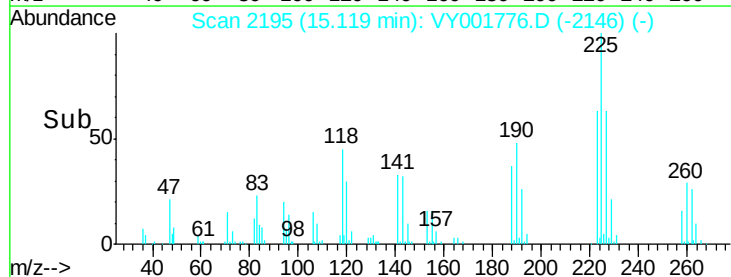
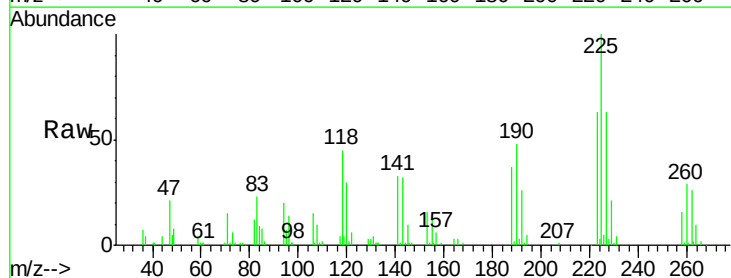
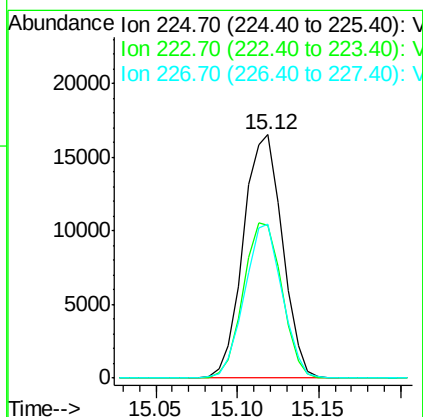
Manual Integrations
APPROVED

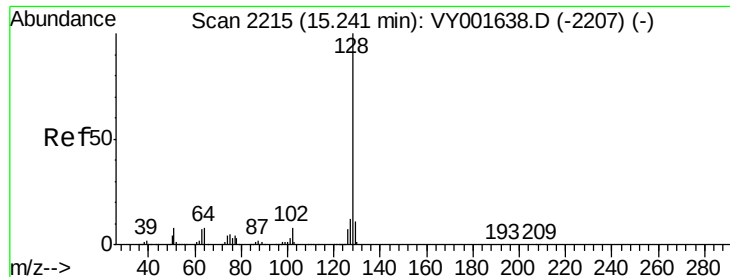
MMDadoda
2/27/2020 10:45:48 AM



#94
Hexachlorobutadiene
Concen: 20.152 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.4	94.0
227	61.0	31.6	94.8





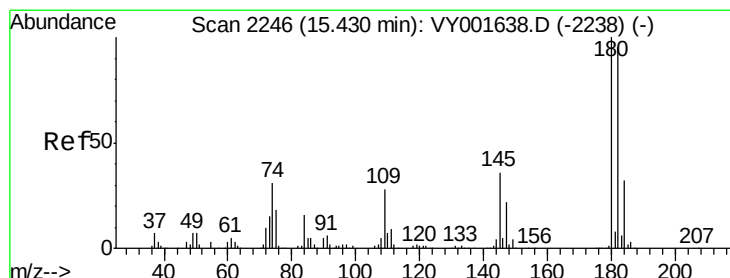
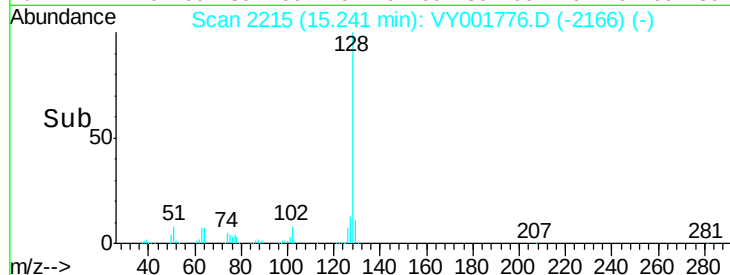
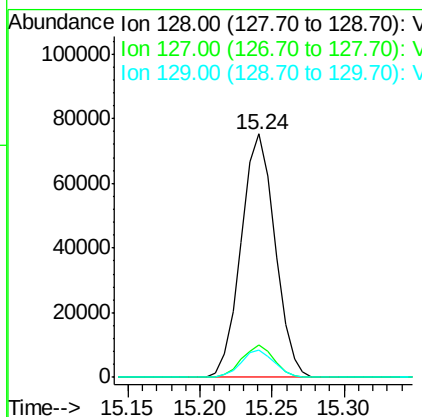
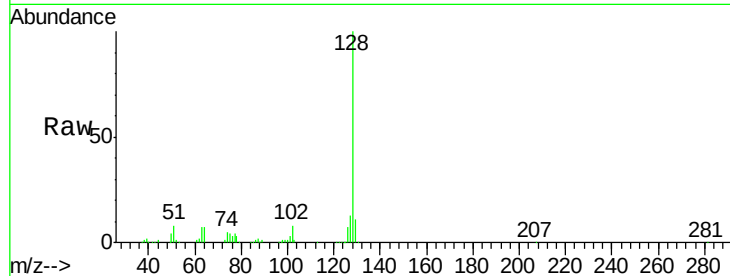
#95
Naphthalene
Concen: 19.400 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	122974		
127	12.6		9.9	14.9
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/27/2020 10:45:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.687 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001776.D
Acq: 26 Feb 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	47618		
182	96.2		47.2	141.6
145	34.1		17.3	52.0

