

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001832.D
 Acq On : 03 Mar 2020 14:13
 Operator : SY/MD
 Sample : VY0303SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 2:02:11 PM

Quant Time: Mar 04 04:09:43 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	7.81	168	168539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	132535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	90885	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.74	113	84548	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.19	98	348389	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.49	95	124931	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29955	18.233	ug/l	97
3) Chloromethane	2.13	50	41521	18.790	ug/l	99
4) Vinyl Chloride	2.26	62	41255	18.510	ug/l	98
5) Bromomethane	2.66	94	27071	19.434	ug/l	93
6) Chloroethane	2.80	64	27077	19.715	ug/l	100
7) Trichlorofluoromethane	3.15	101	61121	21.427	ug/l	96
8) Diethyl Ether	3.55	74	24445	21.738	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	39151	21.836	ug/l	98
10) Methyl Iodide	4.11	142	42522	19.378	ug/l	99
11) Tert butyl alcohol	4.99	59	24501	101.630	ug/l	100
12) 1,1-Dichloroethene	3.90	96	37478	20.495	ug/l	98
13) Acrolein	3.75	56	14279	77.988	ug/l	99
14) Allyl chloride	4.50	41	70911	21.788	ug/l	98
15) Acrylonitrile	5.19	53	67023	116.277	ug/l	98
16) Acetone	3.97	43	57251	91.269	ug/l	96
17) Carbon Disulfide	4.21	76	112871	18.488	ug/l	99
18) Methyl Acetate	4.50	43	34393	25.177	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	108276	21.266	ug/l	100
20) Methylene Chloride	4.74	84	49629	22.274	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	44100	21.137	ug/l	94
22) Diisopropyl ether	6.15	45	149414	22.355	ug/l	99
23) Vinyl Acetate	6.09	43	459495	105.398	ug/l	98
24) 1,1-Dichloroethane	6.05	63	78008	21.838	ug/l	98
25) 2-Butanone	7.02	43	87761	102.990	ug/l	99
26) 2,2-Dichloropropane	7.01	77	64968	20.904	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	50064	21.739	ug/l	99
28) Bromochloromethane	7.36	49	32419	21.786	ug/l	95
29) Tetrahydrofuran	7.37	42	57394	111.435	ug/l	98
30) Chloroform	7.53	83	74628	21.381	ug/l	98
31) Cyclohexane	7.80	56	76635	20.121	ug/l #	86
32) 1,1,1-Trichloroethane	7.72	97	62191	21.200	ug/l	99
36) 1,1-Dichloropropene	7.94	75	60304	20.592	ug/l	100
37) Ethyl Acetate	7.10	43	38079	21.786	ug/l	98
38) Carbon Tetrachloride	7.92	117	52361	20.356	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77357	19.911	ug/l	99
40) Benzene	8.18	78	181902	21.120	ug/l	98
41) Methacrylonitrile	7.34	41	20429m	23.278	ug/l	
42) 1,2-Dichloroethane	8.25	62	49953	21.289	ug/l	99
43) Isopropyl Acetate	8.29	43	71526	21.568	ug/l	99
44) Trichloroethene	8.96	130	45043	20.950	ug/l	94
45) 1,2-Dichloropropane	9.23	63	47194	21.879	ug/l	98
46) Dibromomethane	9.32	93	24009	21.281	ug/l	98
47) Bromodichloromethane	9.51	83	57138	20.984	ug/l	94
48) Methyl methacrylate	9.30	41	31069	20.715	ug/l	98
49) 1,4-Dioxane	9.31	88	6632	416.201	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	184962	108.551	ug/l	98
52) Toluene	10.25	92	112667	20.971	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	63022	20.936	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	74351	21.461	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	35815	21.529	ug/l	98
56) Ethyl methacrylate	10.52	69	53293	21.354	ug/l	99
57) 1,3-Dichloropropane	10.80	76	63929	21.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	134564	134.544	ug/l	99
59) 2-Hexanone	10.84	43	133374	104.323	ug/l	98
60) Dibromochloromethane	10.99	129	37808	20.614	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33647	21.391	ug/l	98
64) Tetrachloroethene	10.73	164	36796	21.346	ug/l	97
65) Chlorobenzene	11.52	112	117180	21.374	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	38868	21.017	ug/l	99
67) Ethyl Benzene	11.60	91	216649	21.295	ug/l	99
68) m/p-Xylenes	11.71	106	161746	42.560	ug/l	99
69) o-Xylene	12.03	106	76610	21.204	ug/l	97
70) Styrene	12.05	104	131416	20.929	ug/l	99
71) Bromoform	12.22	173	21659	20.493	ug/l #	96
73) Isopropylbenzene	12.34	105	205483	20.351	ug/l	100
74) N-amyl acetate	12.15	43	66647	20.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45345	21.033	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	33351m	21.936	ug/l	
77) Bromobenzene	12.61	156	43502	19.875	ug/l	98
78) n-propylbenzene	12.68	91	259093	21.070	ug/l	99
79) 2-Chlorotoluene	12.77	91	143567	20.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	175191	20.961	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	15800	19.716	ug/l	95
82) 4-Chlorotoluene	12.86	91	150928	20.749	ug/l	99
83) tert-Butylbenzene	13.08	119	146688	20.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	174663	20.962	ug/l	99
85) sec-Butylbenzene	13.26	105	215516	20.963	ug/l	100
86) p-Isopropyltoluene	13.38	119	187148	20.954	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	88464	20.840	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	89488	20.855	ug/l	99
89) n-Butylbenzene	13.70	91	192645	21.109	ug/l	99
90) Hexachloroethane	13.97	117	34286	20.375	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	80860	20.641	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7090	19.927	ug/l	97

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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)
93) 1,2,4-Trichlorobenzene	15.02	180	54214	20.883	ug/l	99
94) Hexachlorobutadiene	15.12	225	26087	20.206	ug/l	98
95) Naphthalene	15.25	128	126272	21.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	47811	20.934	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion:168 Resp: 168539

Ion Ratio Lower Upper

168 100

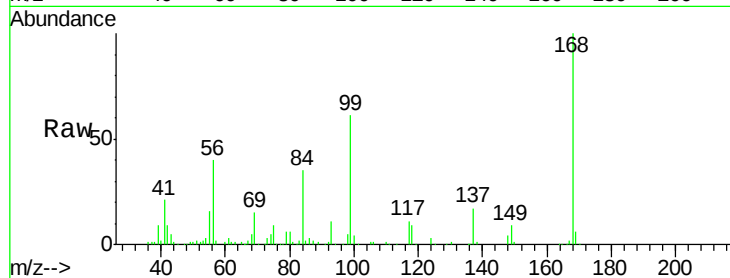
99 61.4 47.5 71.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001832.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001832.D (-948) (-)

7.81

80000

60000

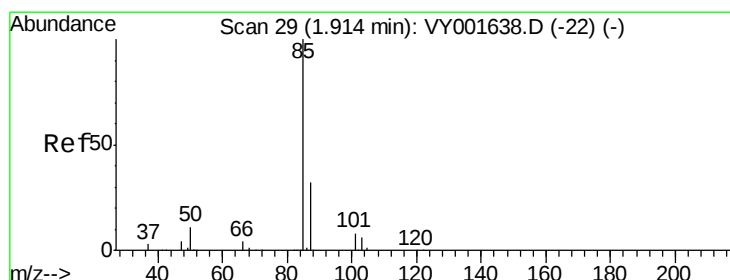
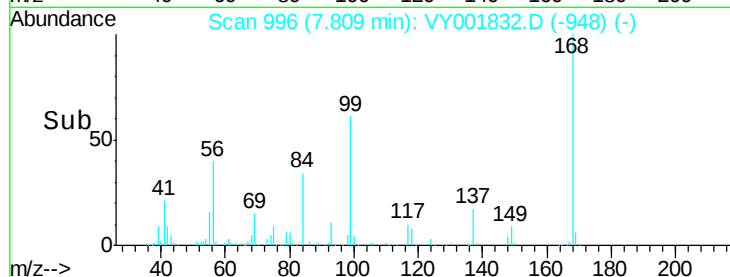
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.233 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001832.D

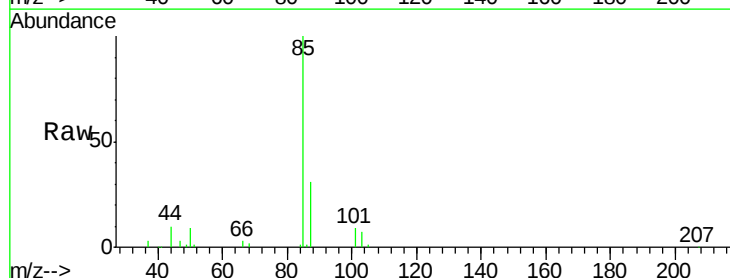
Acq: 03 Mar 2020 14:13

Tgt Ion: 85 Resp: 29955

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001832.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001832.D (-1) (-)

1.91

20000

15000

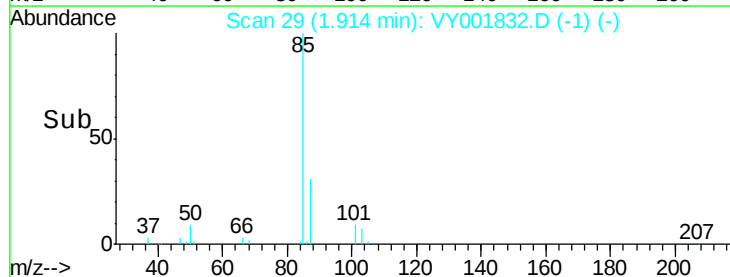
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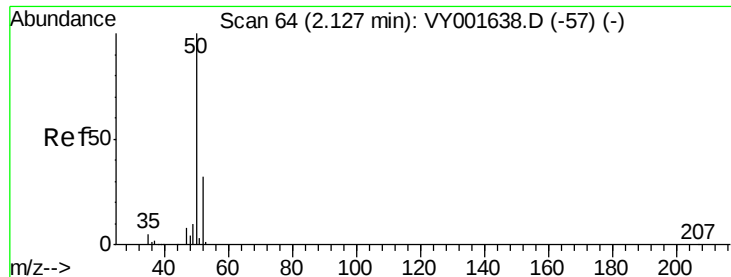
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 18.790 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 50 Resp: 41521

Ion Ratio Lower Upper

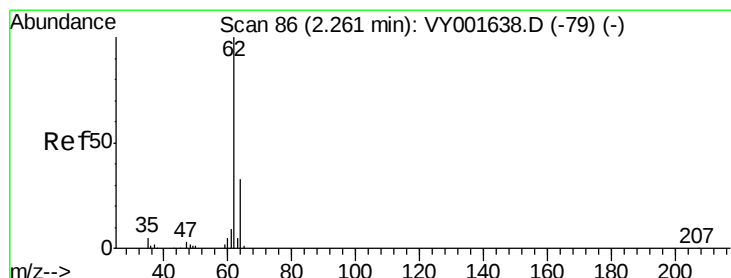
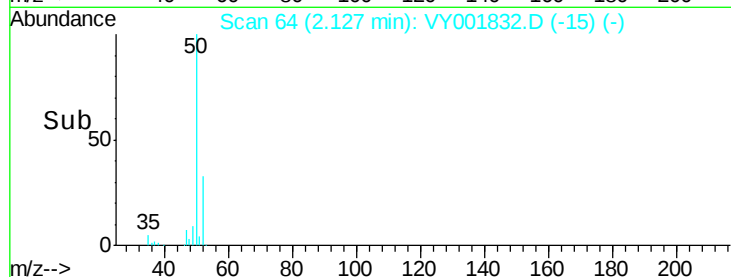
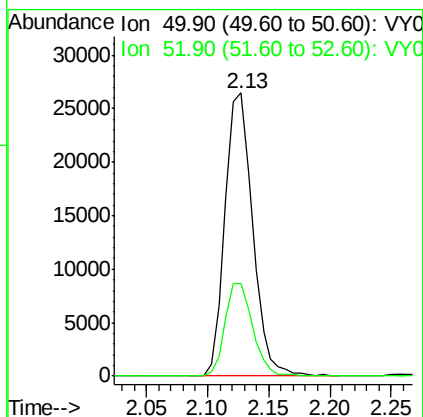
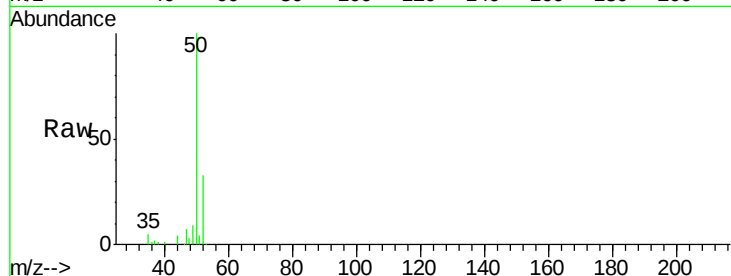
50 100

52 32.9 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.510 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001832.D

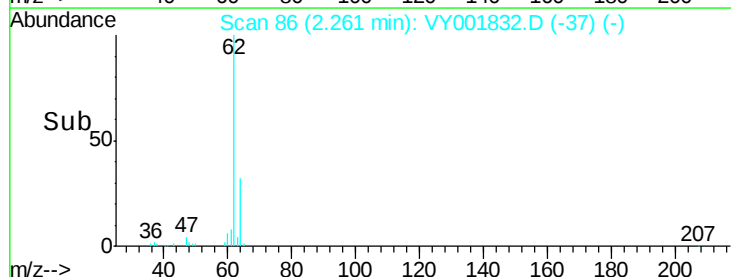
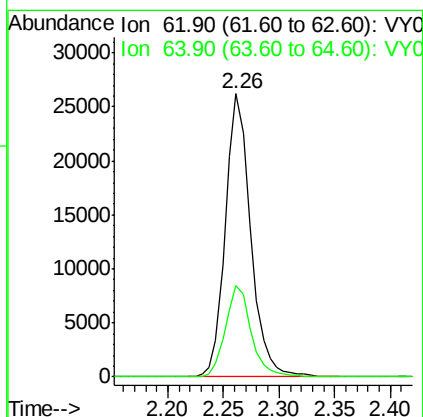
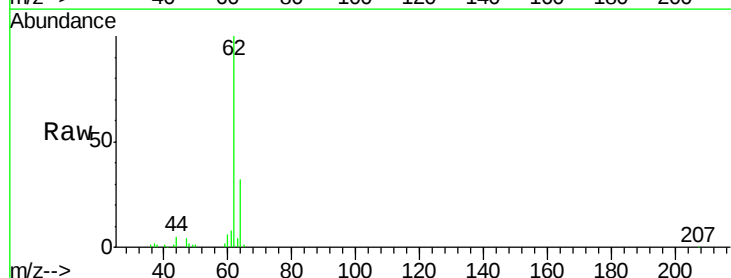
Acq: 03 Mar 2020 14:13

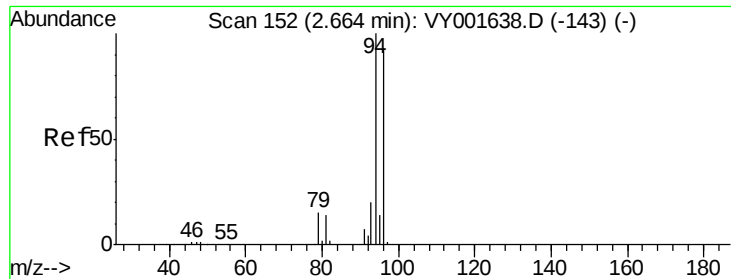
Tgt Ion: 62 Resp: 41255

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 19.434 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 94 Resp: 27071

Ion Ratio Lower Upper

94 100

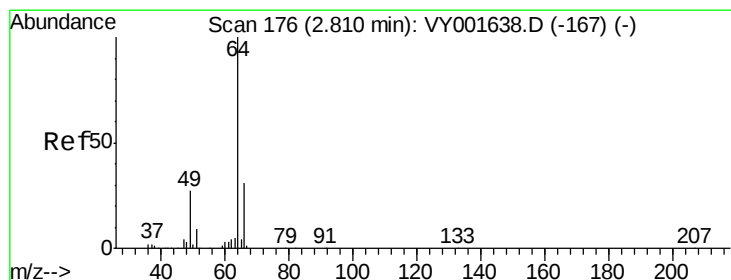
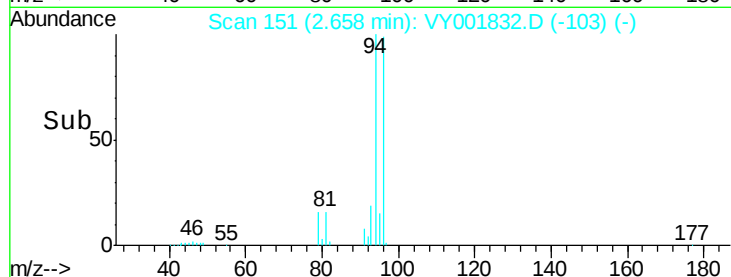
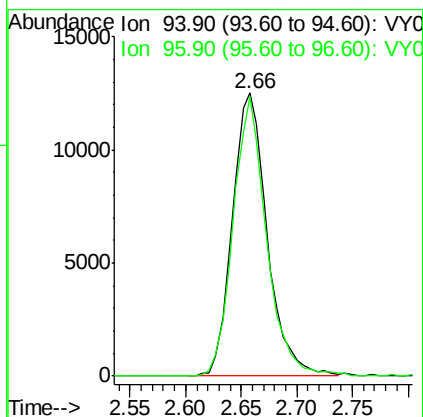
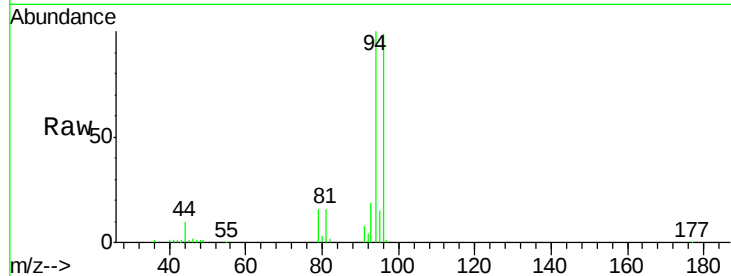
96 98.8 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 19.715 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001832.D

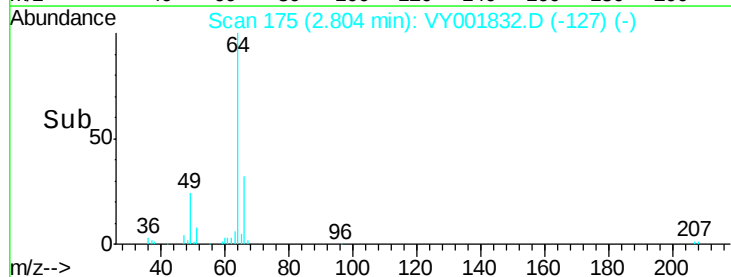
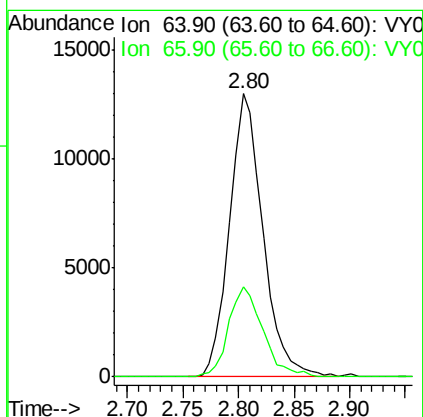
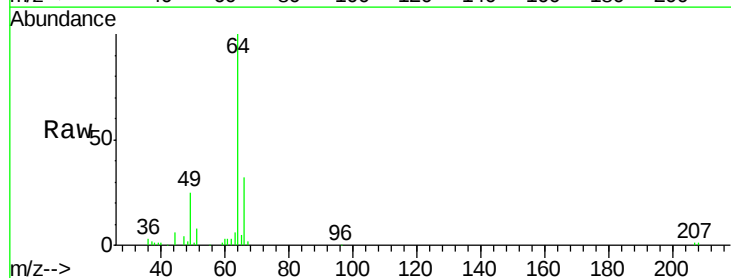
Acq: 03 Mar 2020 14:13

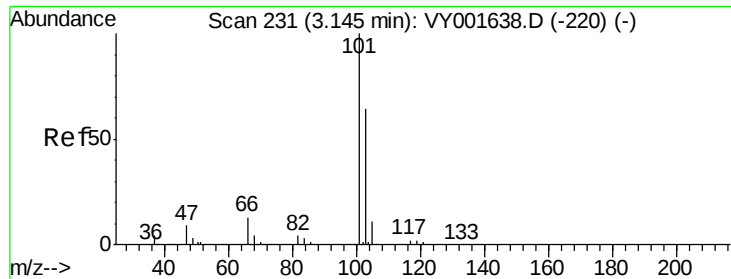
Tgt Ion: 64 Resp: 27077

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

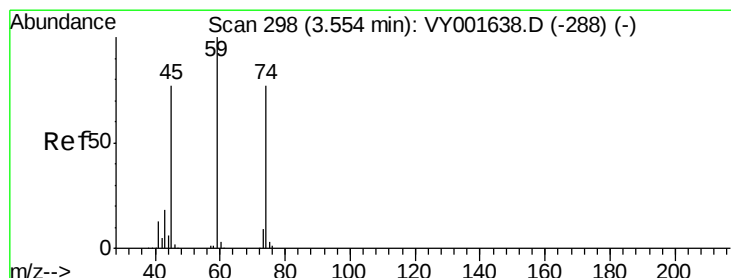
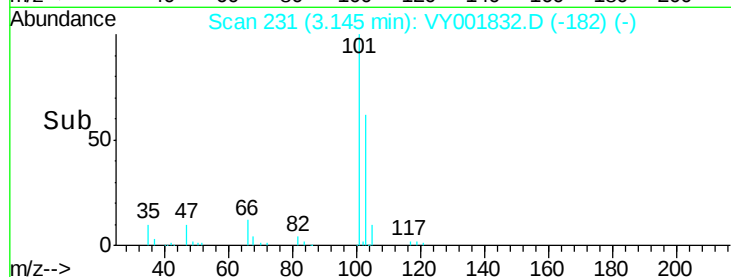
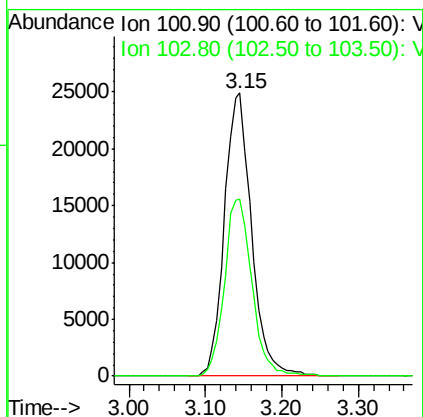
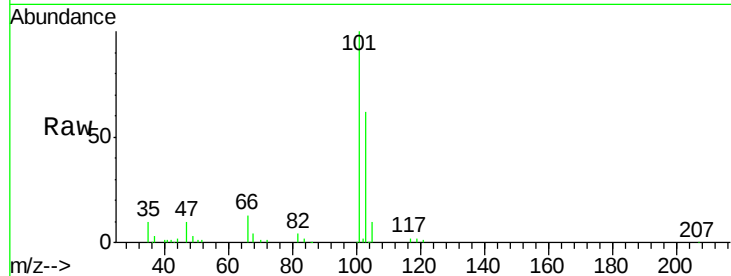
Trichlorofluoromethane
Concen: 21.427 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

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ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.2	78.2

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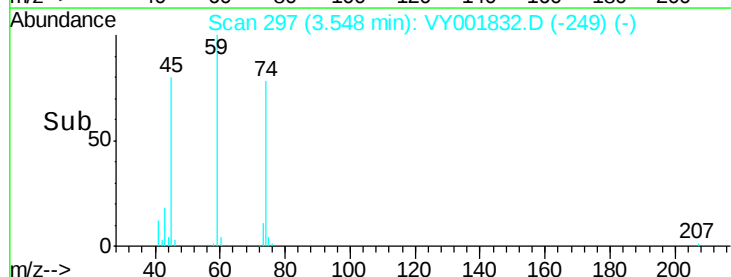
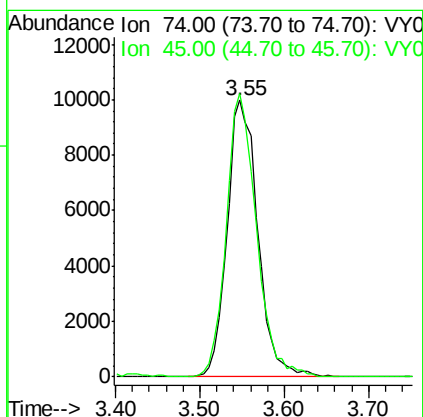
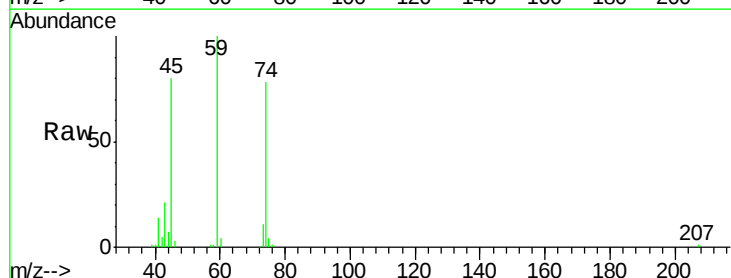
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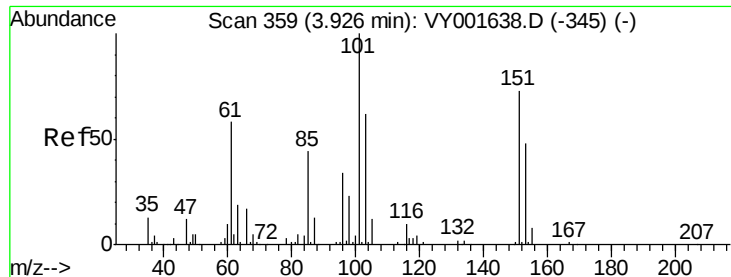


#8

Diethyl Ether
Concen: 21.738 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.836 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

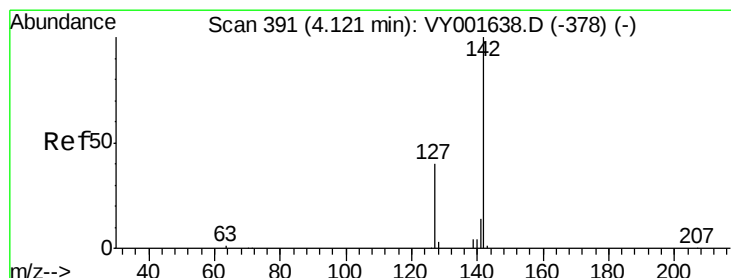
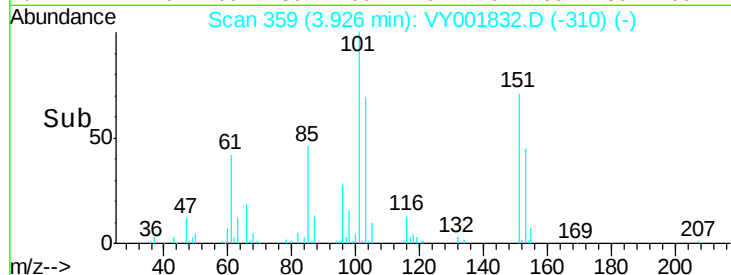
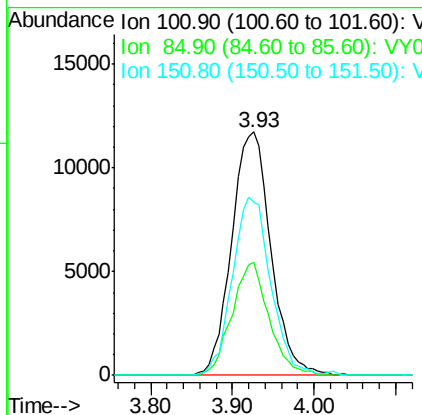
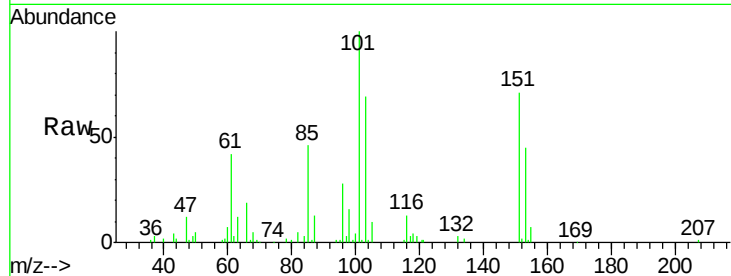
ClientSampleId :

VY0303SBS01

Tot Ion:	101	Resp:	39151
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.1	52.7
151	71.1	58.4	87.6

Manual Integrations
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3/4/2020 2:02:11 PM



#10

Methyl Iodide

Concen: 19.378 ug/l

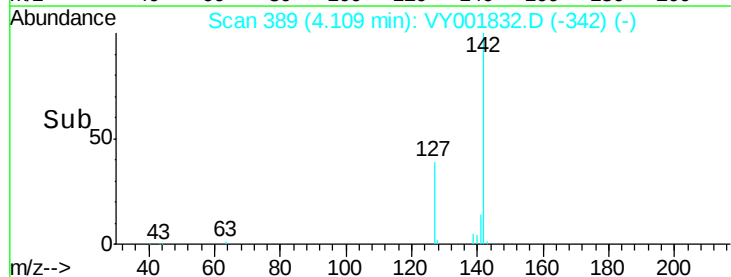
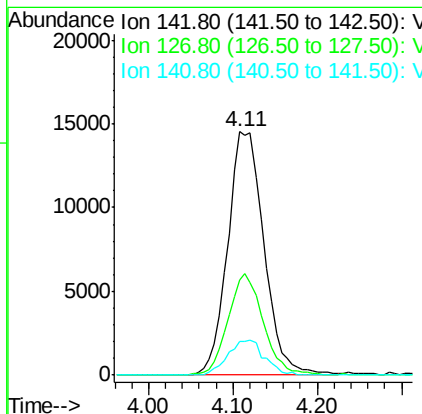
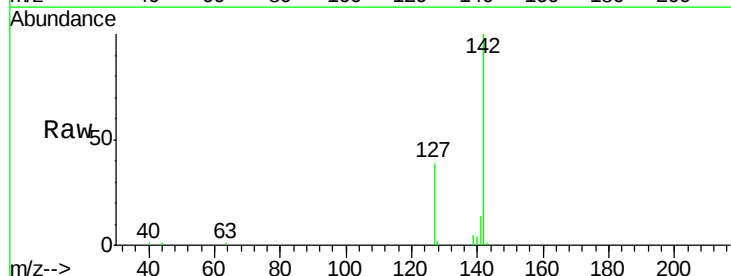
RT: 4.11 min Scan# 389

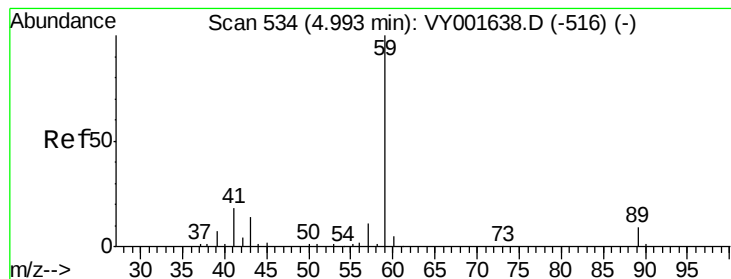
Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion:	142	Resp:	42522
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.1	48.1
141	14.4	11.3	16.9





#11

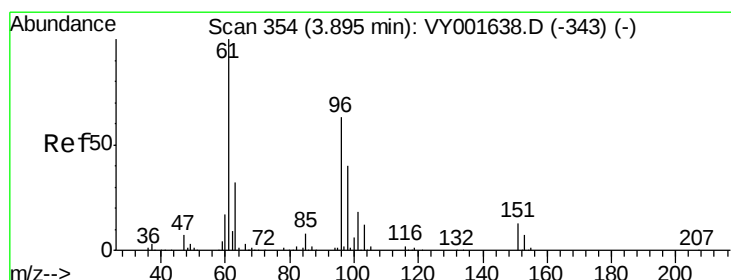
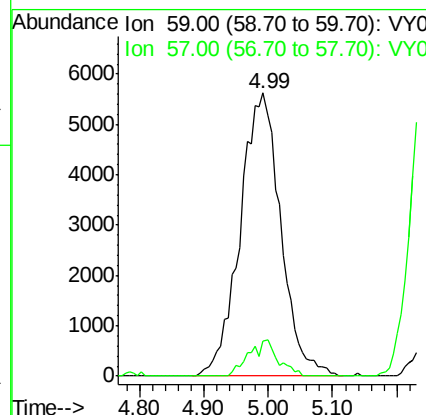
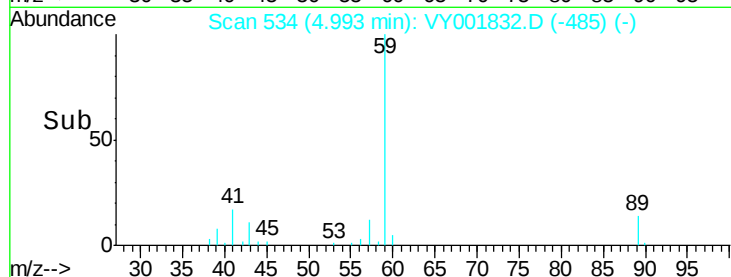
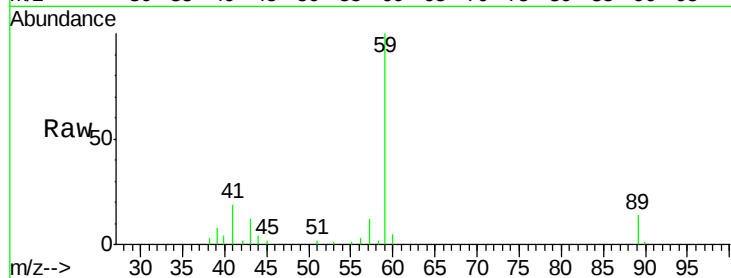
Tert butyl alcohol
 Concen: 101.630 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	59	57	Ratio	100	9.1	Resp	24501	Lower	7.4	Upper	11.2
Ion	59	57	Ratio	100	9.1	Resp	24501	Lower	7.4	Upper	11.2

Manual Integrations
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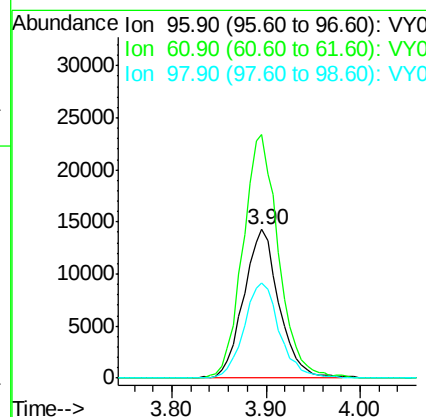
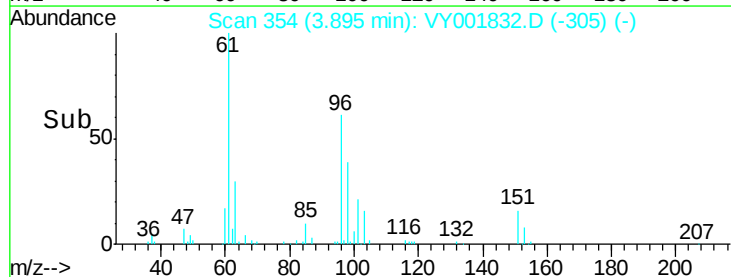
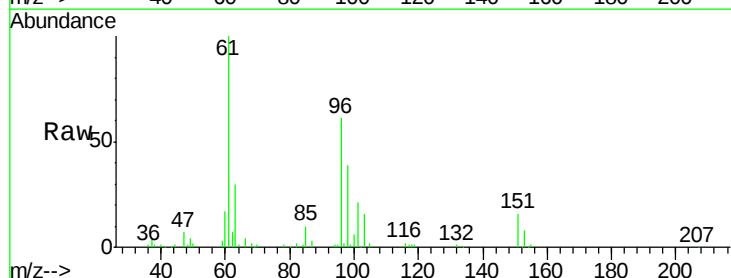
MMDadoda
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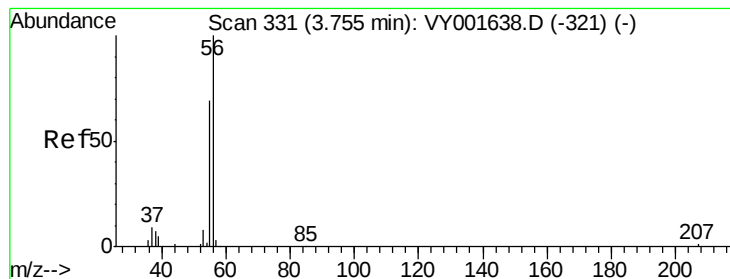


#12

1,1-Dichloroethene
 Concen: 20.495 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	96	61	98	Ratio	100	163.7	63.8	Resp	37478	Lower	128.7	50.7	Upper	193.1	76.1
Ion	96	61	98	Ratio	100	163.7	63.8	Resp	37478	Lower	128.7	50.7	Upper	193.1	76.1





#13

Acrolein

Concen: 77.988 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 56 Resp: 14279

Ion Ratio Lower Upper

56 100

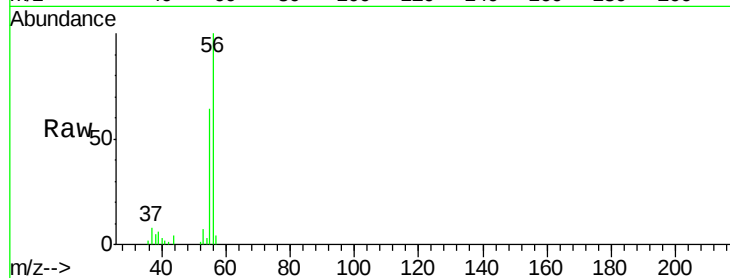
55 68.9 56.1 84.1

Manual Integrations

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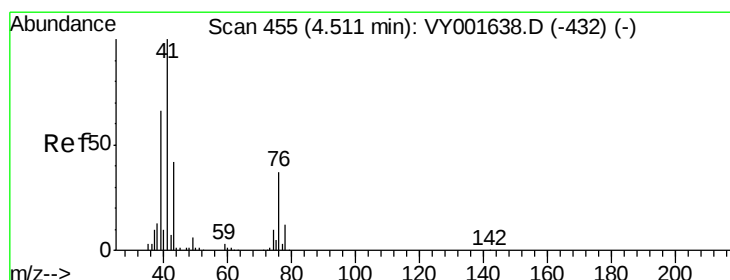
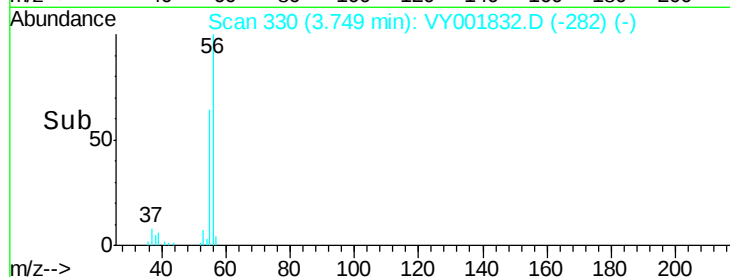
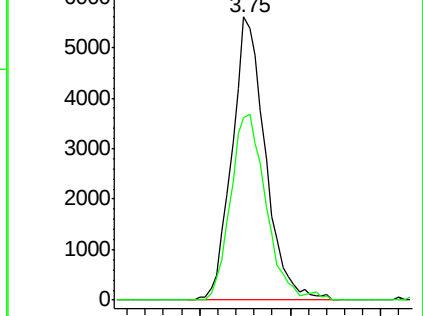
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.788 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

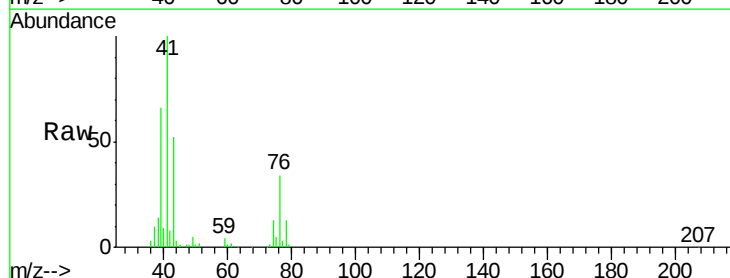
Tgt Ion: 41 Resp: 70911

Ion Ratio Lower Upper

41 100

39 62.1 49.4 74.0

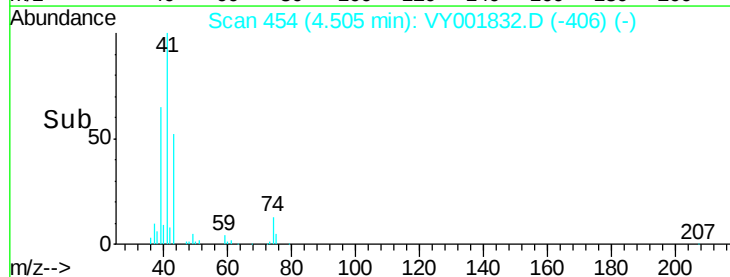
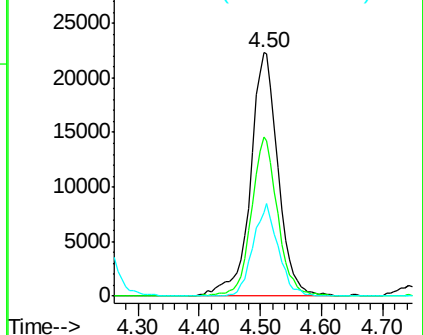
76 34.3 29.0 43.6

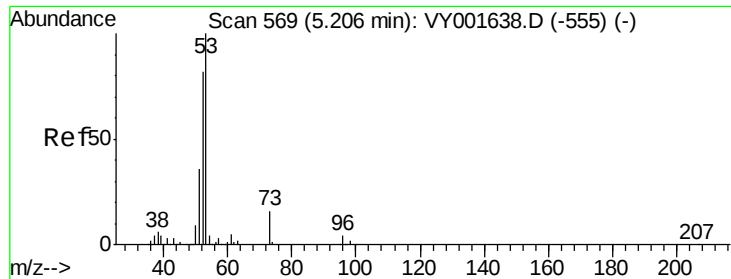


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 116.277 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

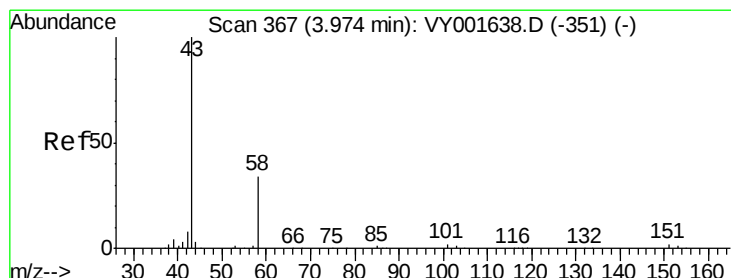
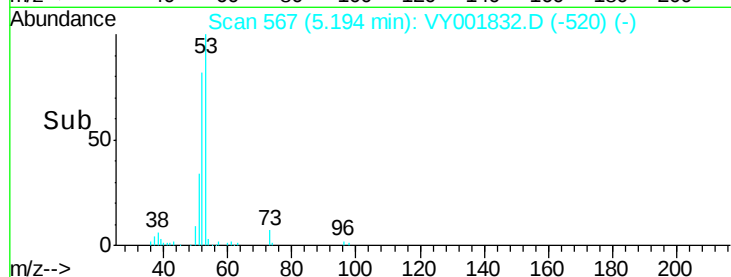
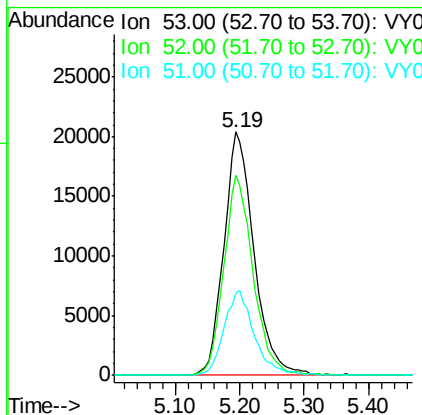
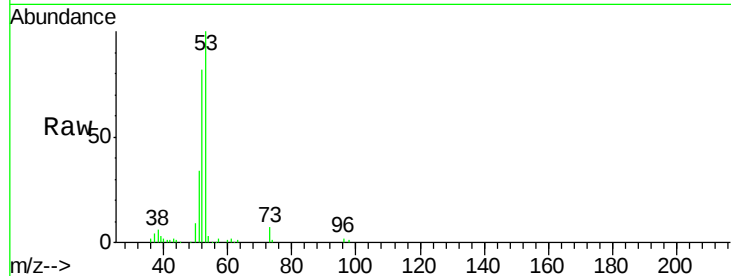
ClientSampleId :

VY0303SBS01

Tot Ion:	53	Resp:	67023
Ion	Ratio	Lower	Upper
53	100		
52	78.9	65.4	98.0
51	34.6	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 91.269 ug/l

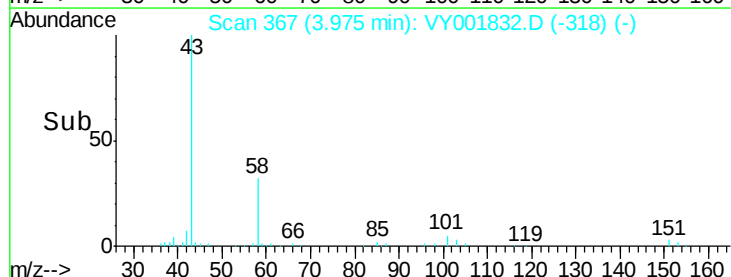
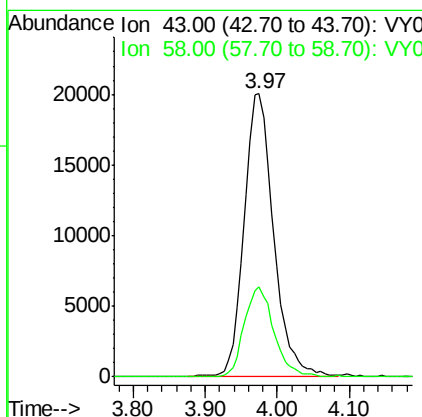
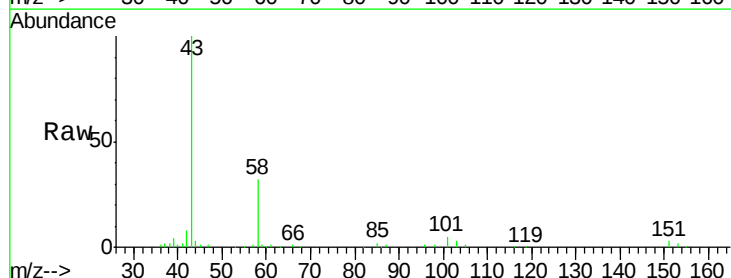
RT: 3.97 min Scan# 367

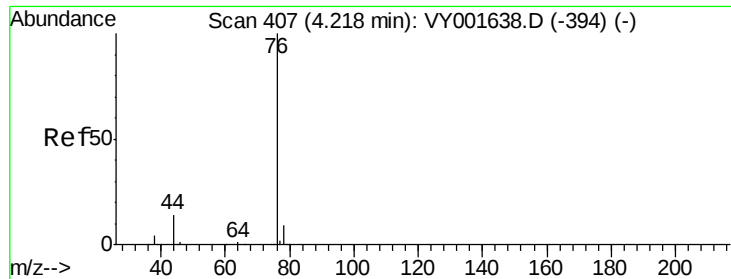
Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion:	43	Resp:	57251
Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.3	40.9





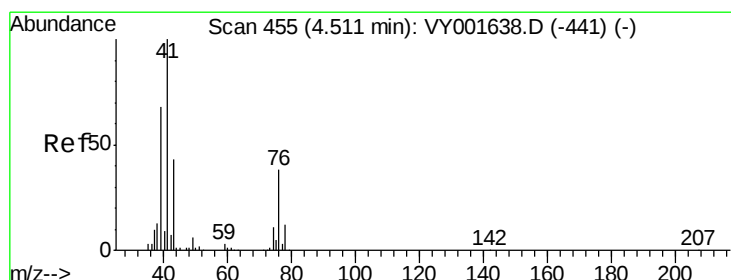
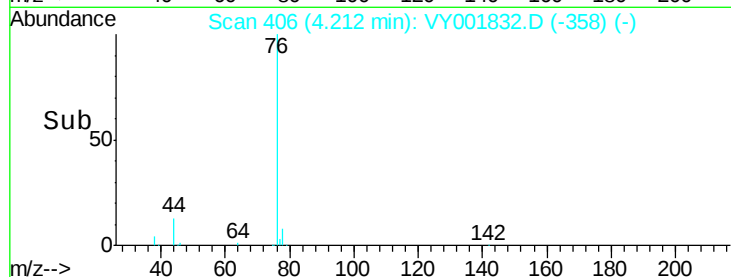
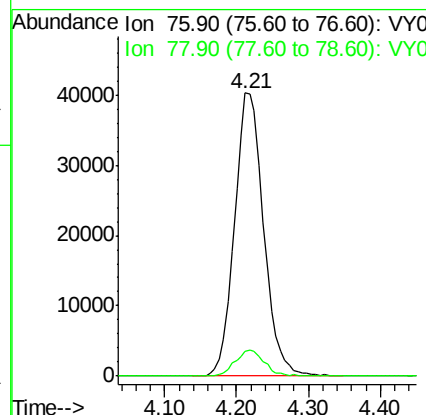
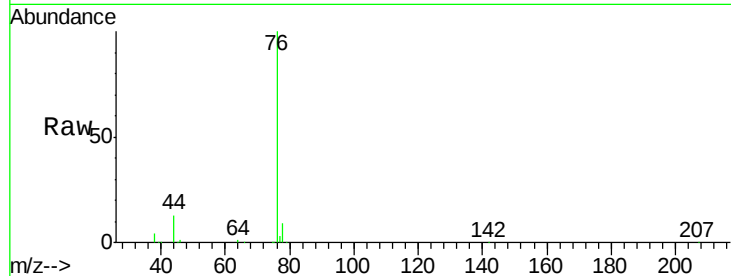
#17
Carbon Disulfide
Concen: 18.488 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

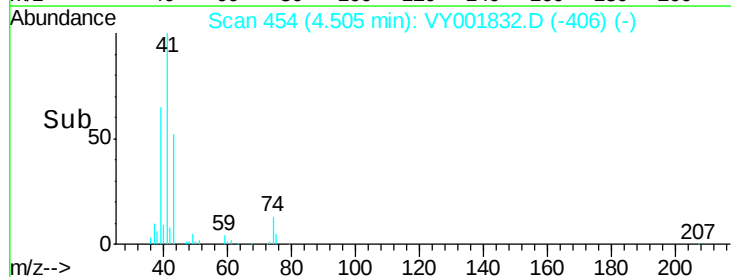
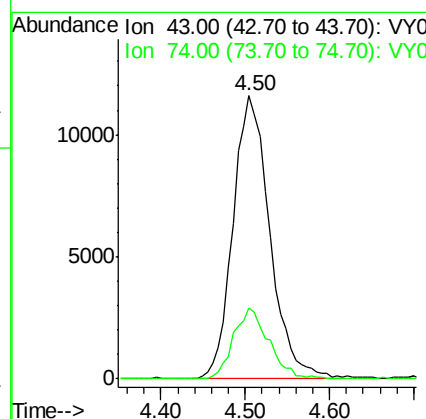
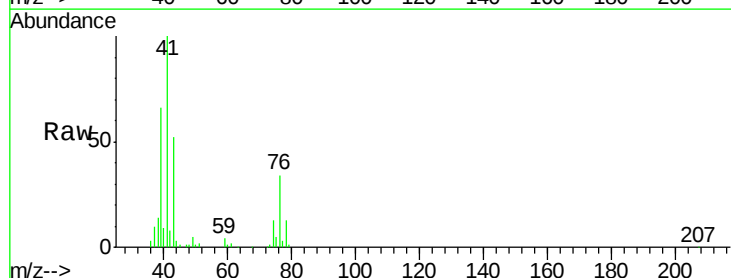
Manual Integrations
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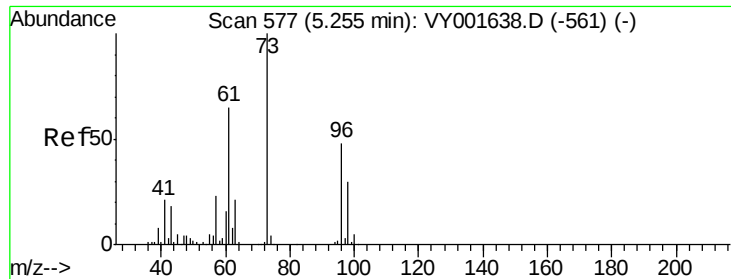
MMDadoda
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#18
Methyl Acetate
Concen: 25.177 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.1	28.7





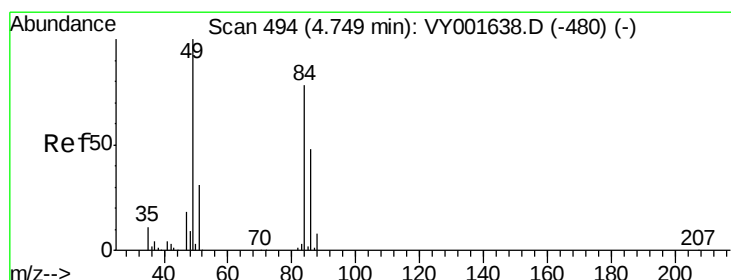
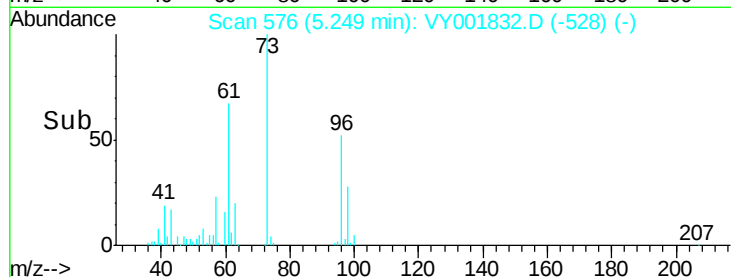
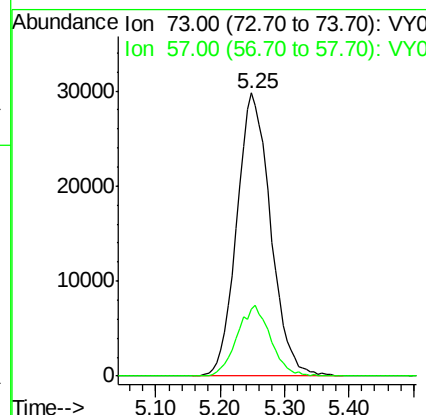
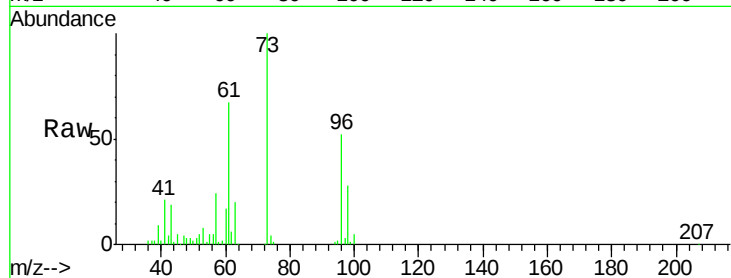
#19
Methvl tert-butvl Ether
Concen: 21.266 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion: 73 Resp: 108276
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6

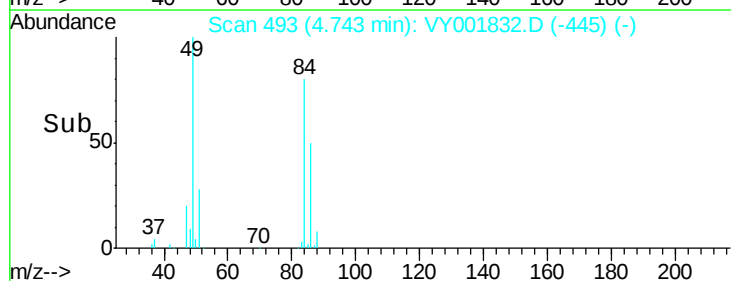
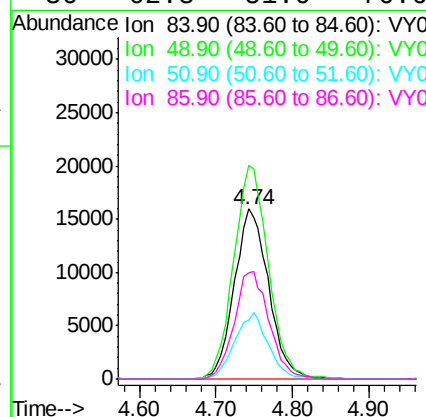
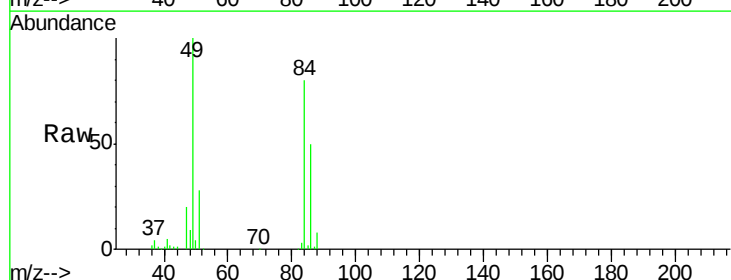
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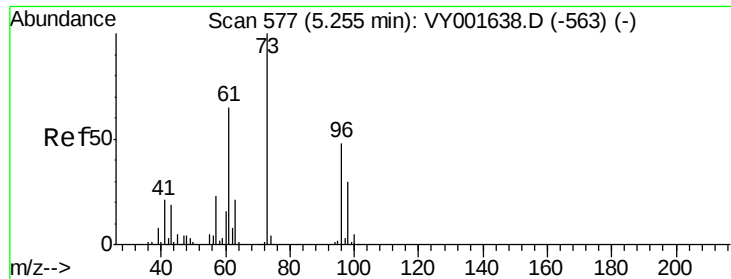
MMDadoda
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#20
Methylene Chloride
Concen: 22.274 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 84 Resp: 49629
Ion Ratio Lower Upper
84 100
49 125.6 99.2 148.8
51 35.0 31.5 47.3
86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.137 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 96 Resp: 44100

Ion Ratio Lower Upper

96 100

61 129.8 107.9 161.9

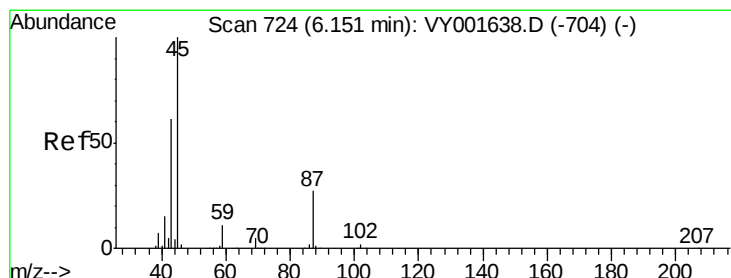
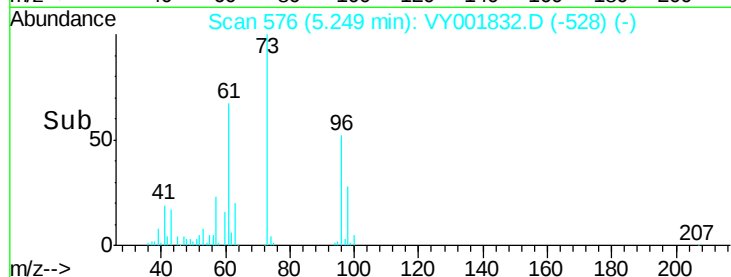
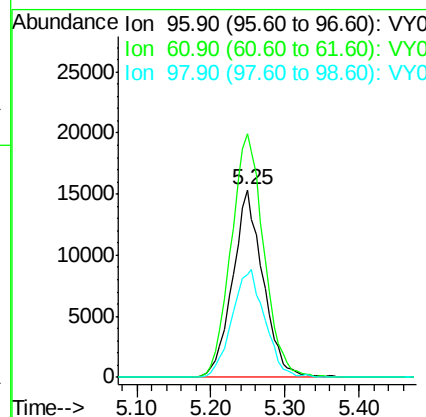
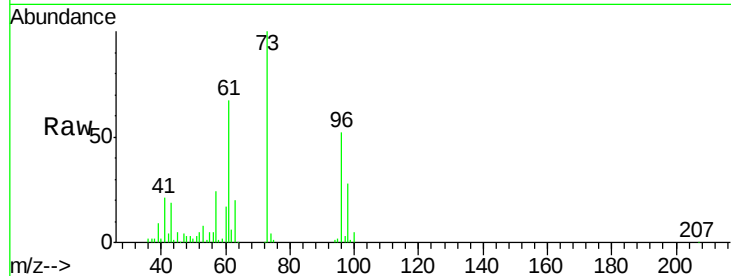
98 54.5 49.8 74.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 22.355 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion: 45 Resp: 149414

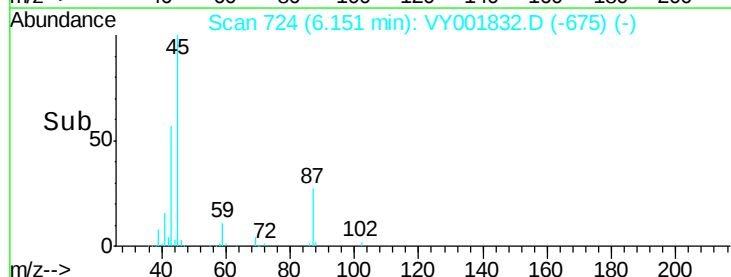
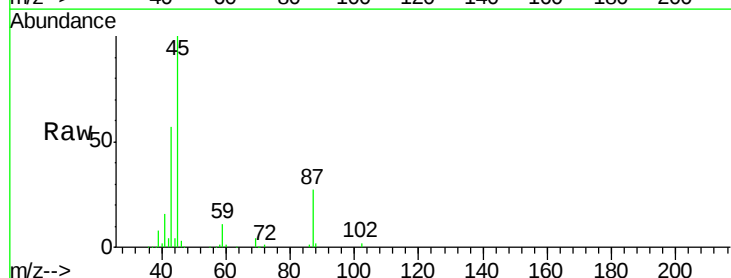
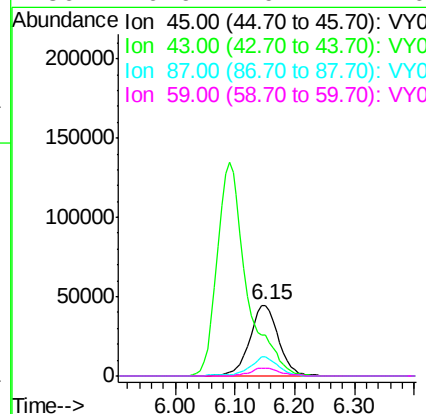
Ion Ratio Lower Upper

45 100

43 56.8 46.4 69.6

87 27.2 22.1 33.1

59 10.9 9.4 14.0





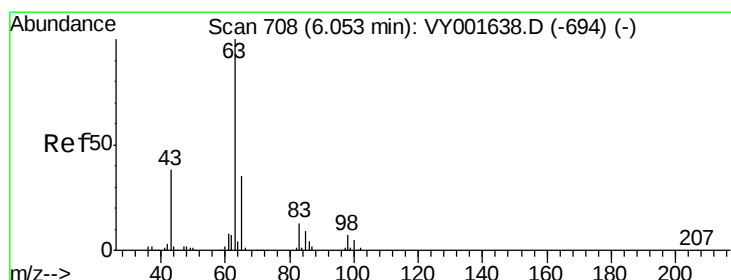
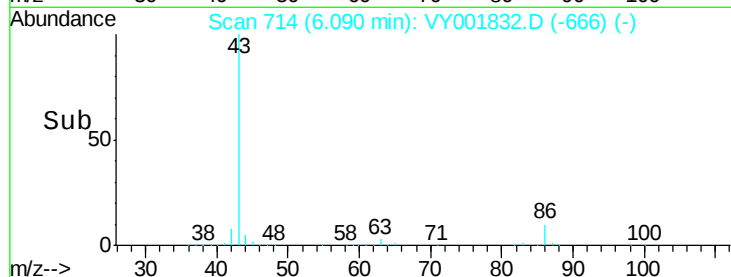
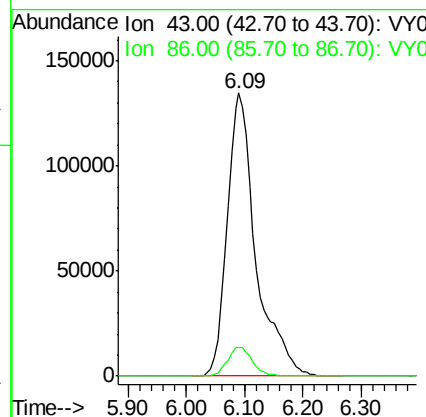
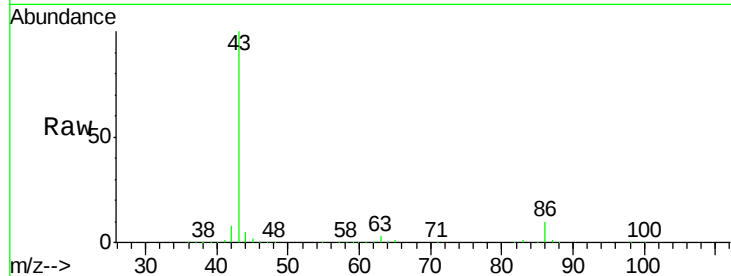
#23
 Vinyl Acetate
 Concen: 105.398 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	43	Resp	459495
Ion Ratio	Lower	Upper	
43	100		
86	10.2	8.8	13.2

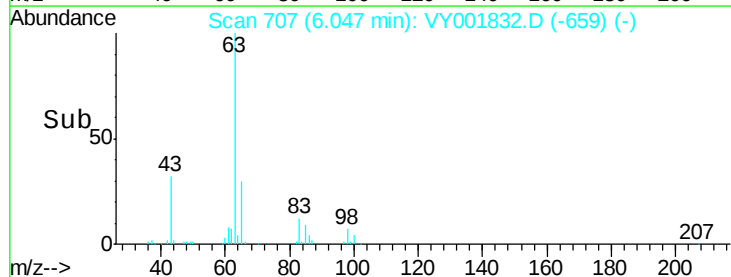
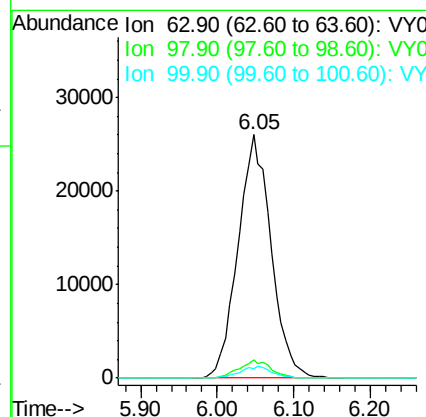
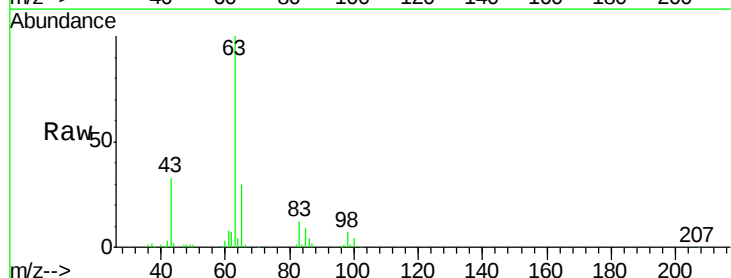
Manual Integrations
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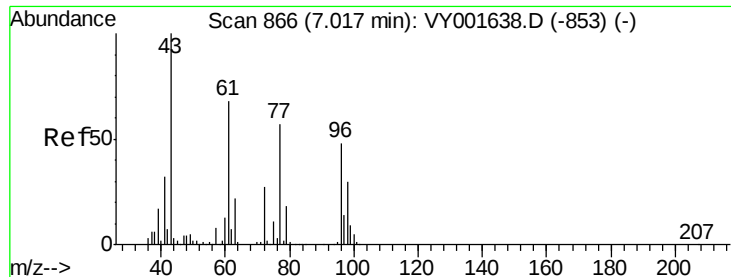
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 21.838 ug/l
 RT: 6.05 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	63	Resp	78008
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.4	10.2
100	4.1	2.3	6.9





#25

2-Butanone

Concen: 102.990 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 43 Resp: 87761

Ion Ratio Lower Upper

43 100

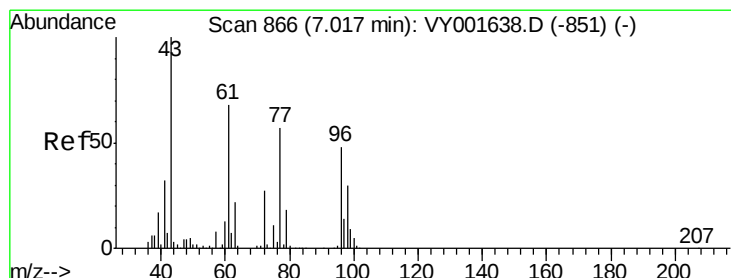
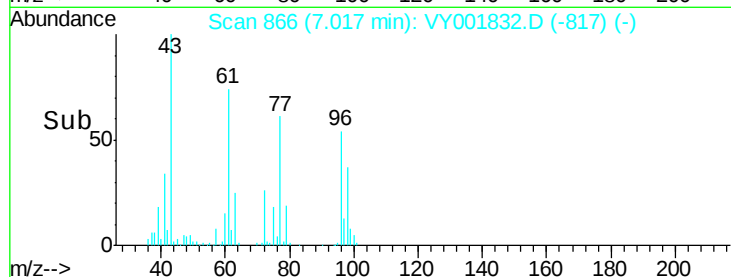
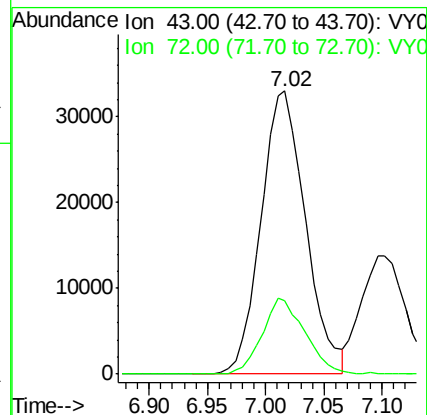
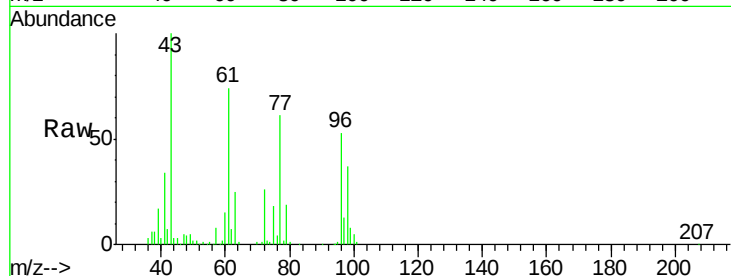
72 25.8 21.2 31.8

Manual Integrations

APPROVED

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#26

2,2-Dichloropropane

Concen: 20.904 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001832.D

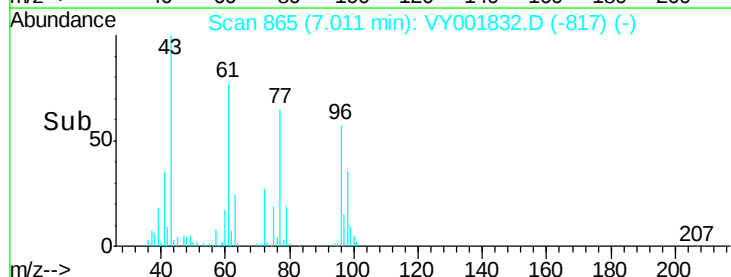
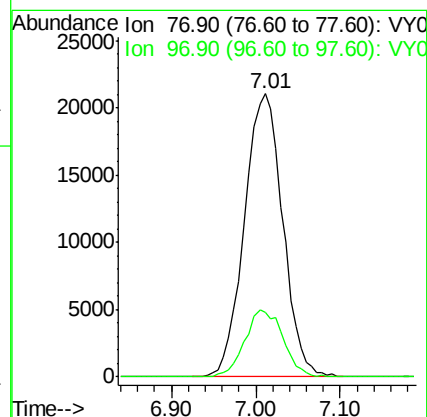
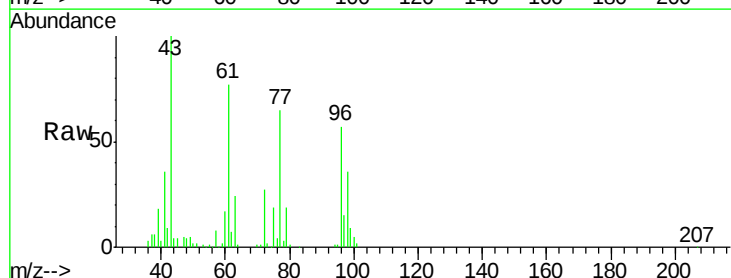
Acq: 03 Mar 2020 14:13

Tgt Ion: 77 Resp: 64968

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4





#27

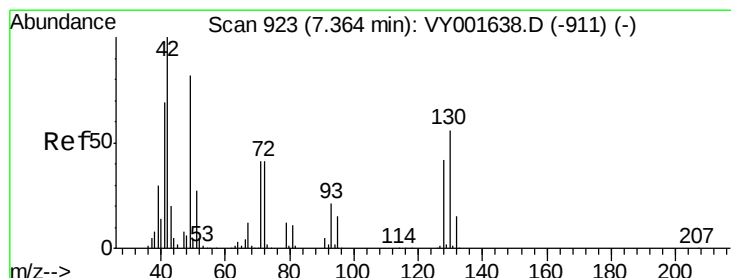
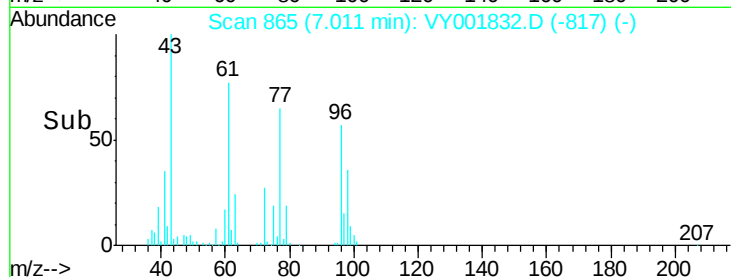
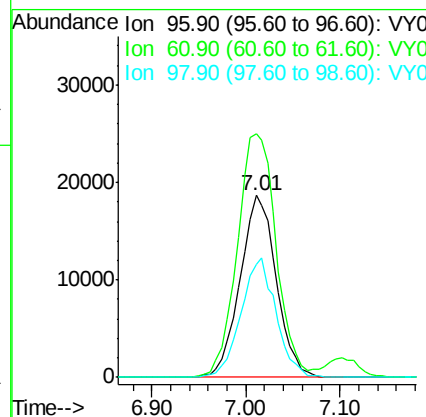
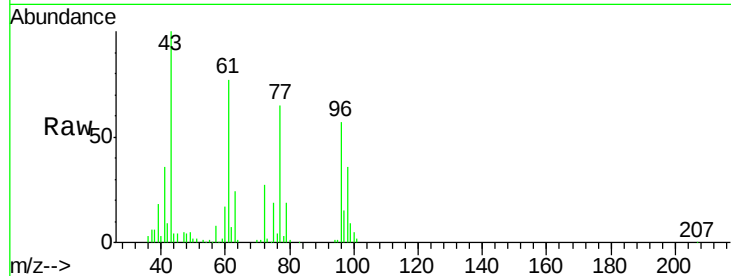
cis-1,2-Dichloroethene
Concen: 21.739 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.5	0.0	290.8	
98	63.5	0.0	128.6	

Manual Integrations
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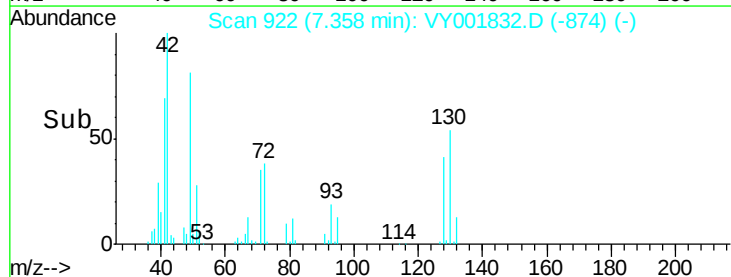
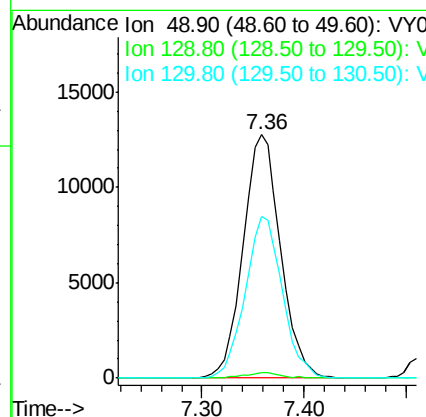
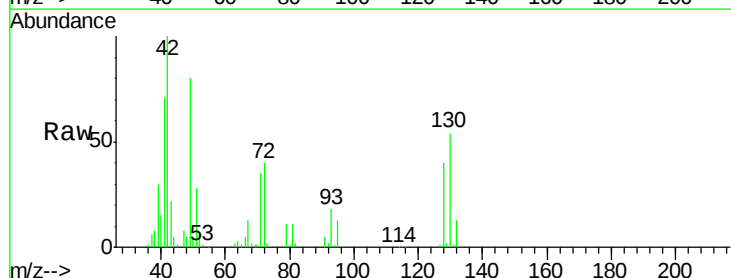
MMDadoda
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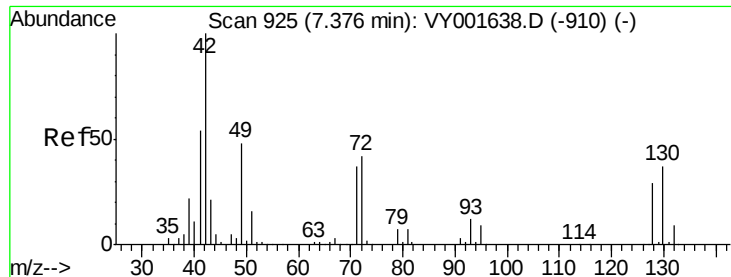


#28

Bromochloromethane
Concen: 21.786 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.6	
130	65.8	56.2	84.4	





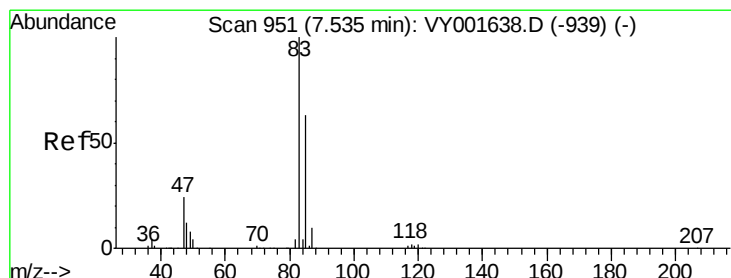
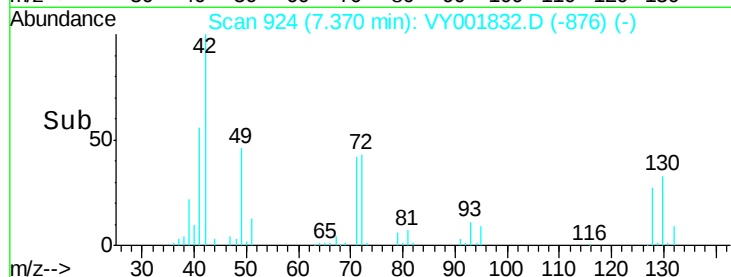
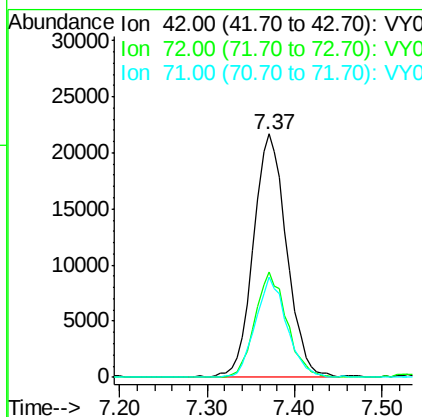
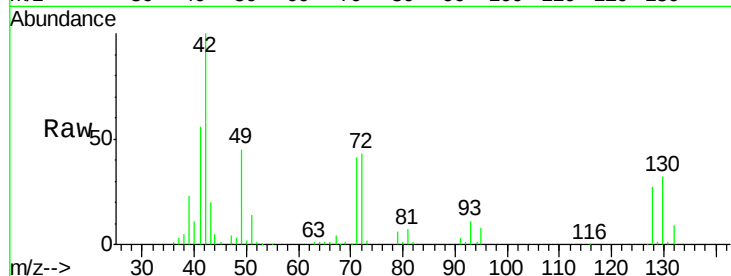
#29
Tetrahydrofuran
Concen: 111.435 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.4	51.6
71	38.7	31.8	47.8

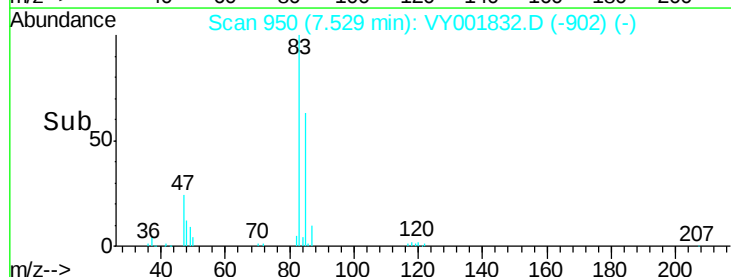
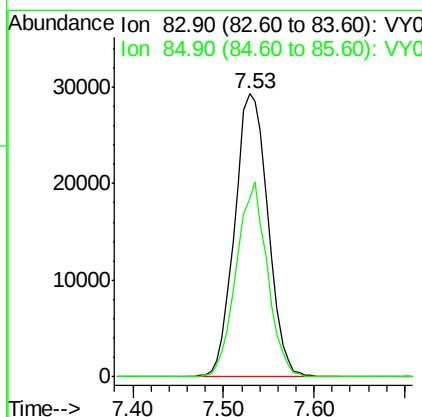
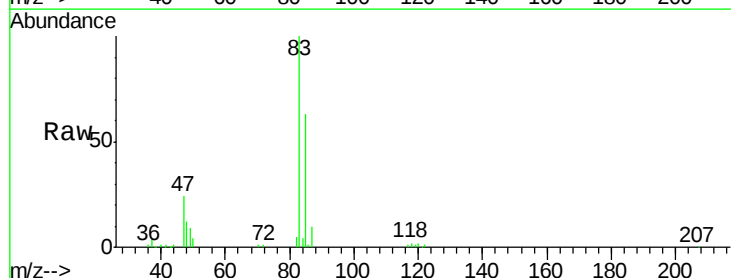
Manual Integrations
APPROVED

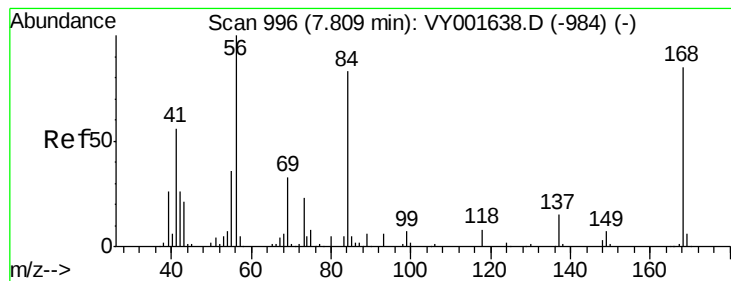
MMDadoda
3/4/2020 2:02:11 PM



#30
Chloroform
Concen: 21.381 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.6	77.4





#31

Cyclohexane

Concen: 20.121 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 56 Resp: 76635

Ion Ratio Lower Upper

56 100

69 39.0 25.1 37.7#

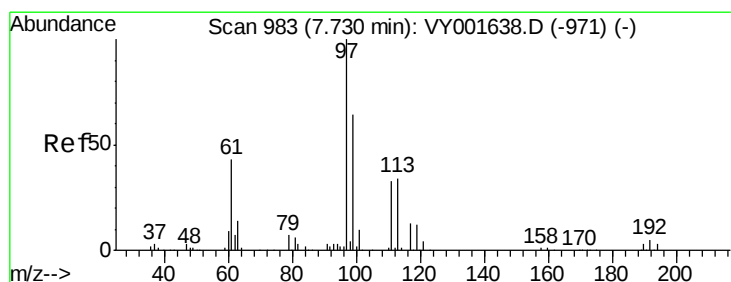
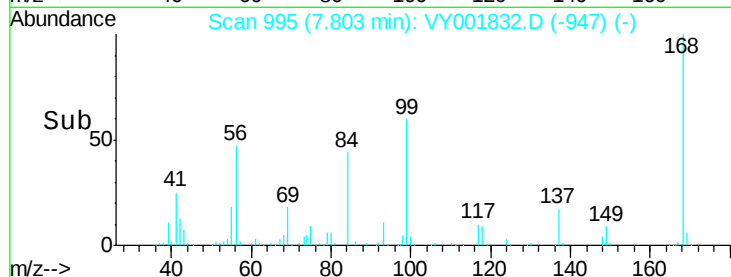
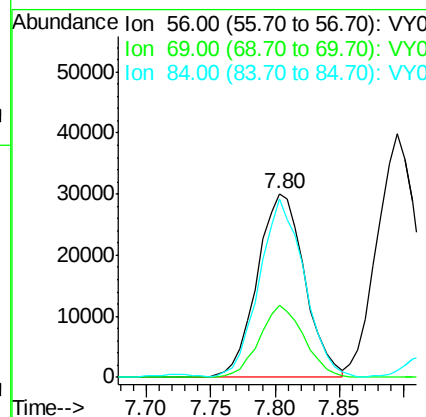
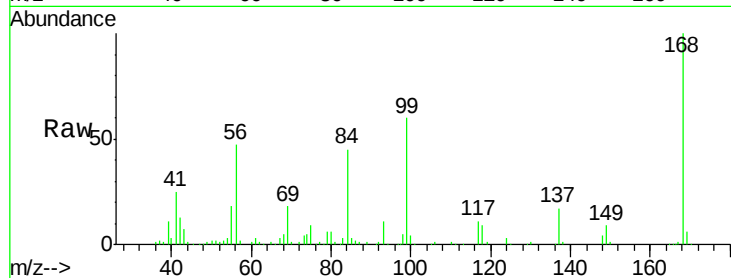
84 95.9 66.9 100.3

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 21.200 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

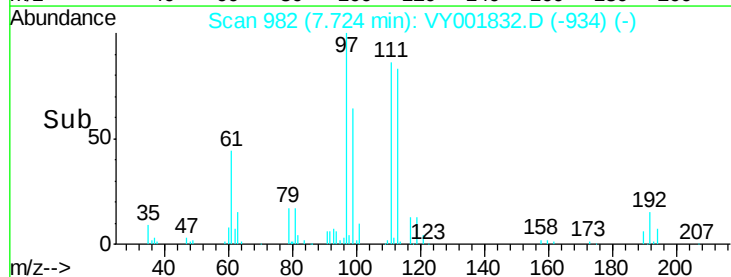
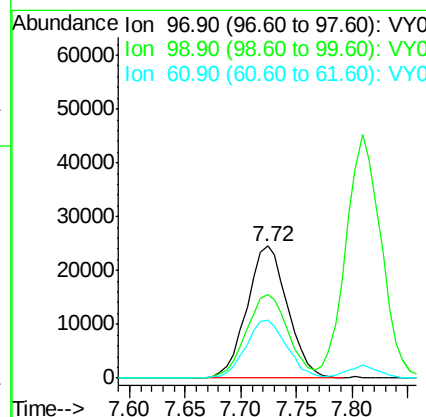
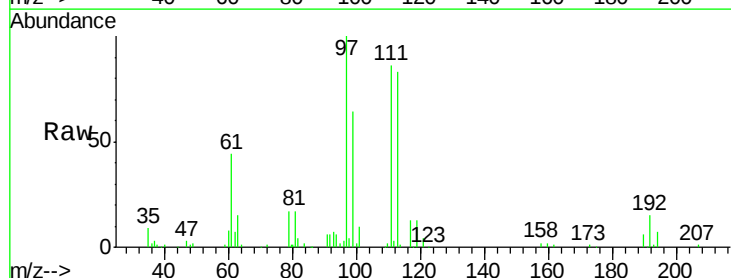
Tgt Ion: 97 Resp: 62191

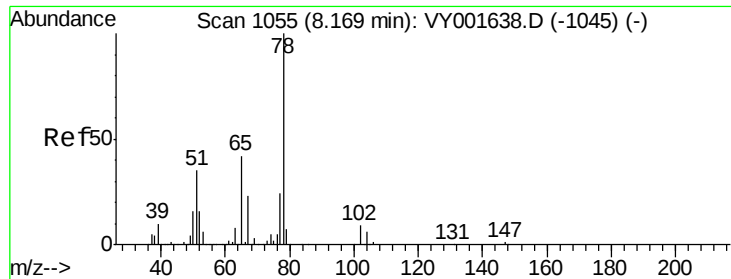
Ion Ratio Lower Upper

97 100

99 65.6 51.2 76.8

61 44.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.133 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 65 Resp: 90885

Ion Ratio Lower Upper

65 100

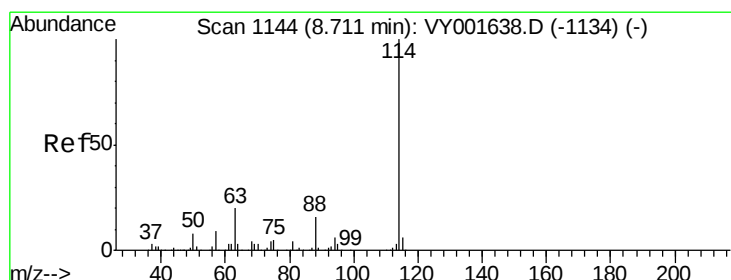
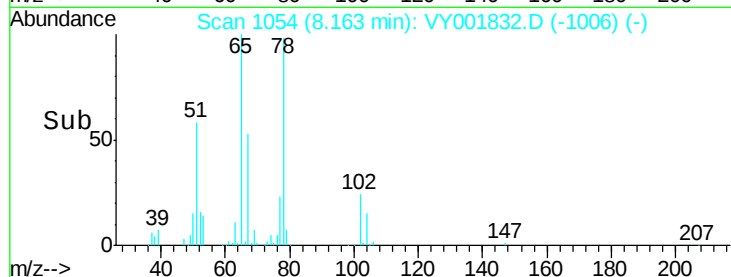
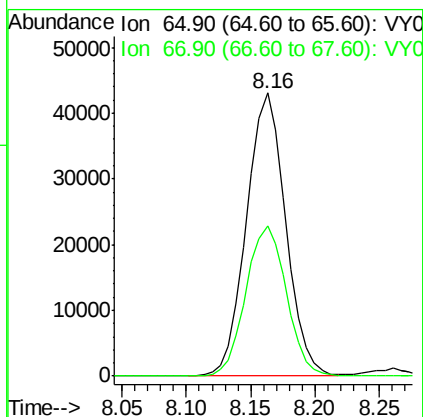
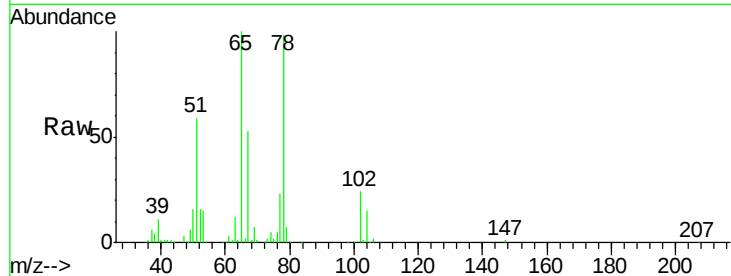
67 54.8 0.0 111.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

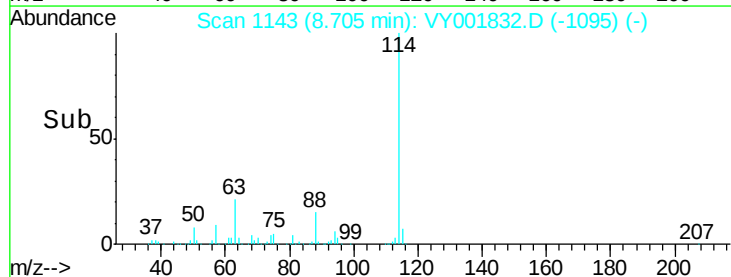
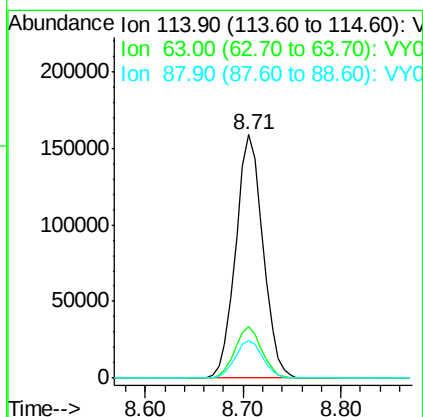
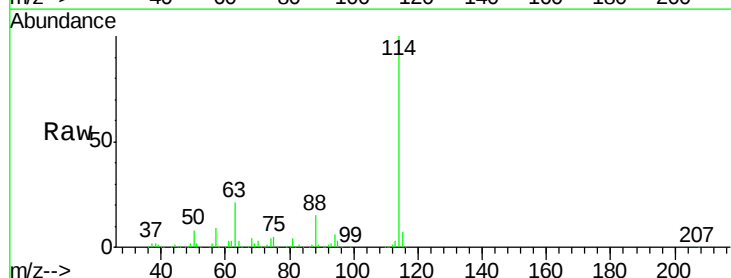
Tgt Ion: 114 Resp: 306587

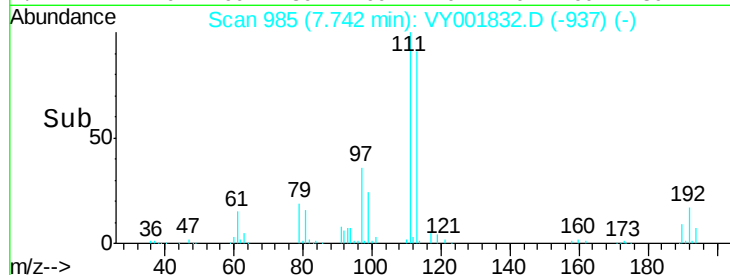
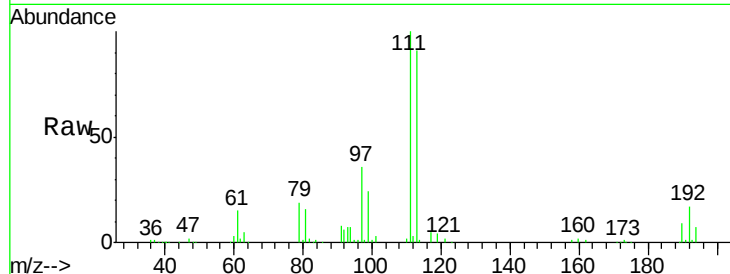
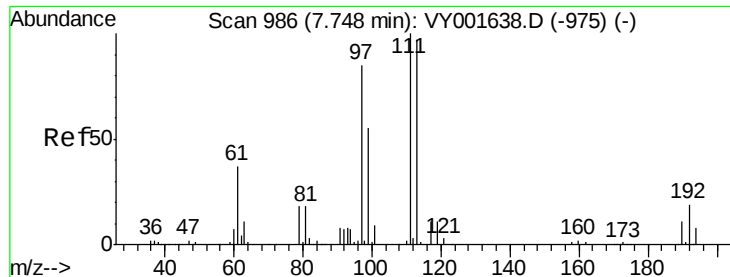
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

88 15.3 0.0 32.8





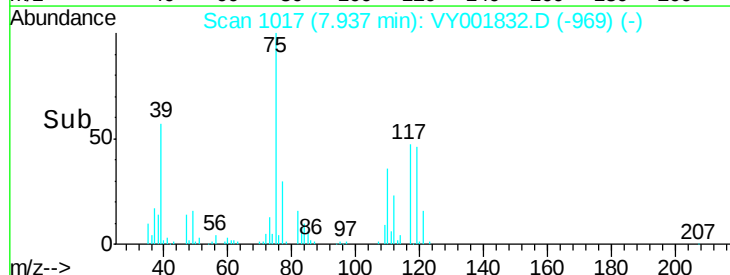
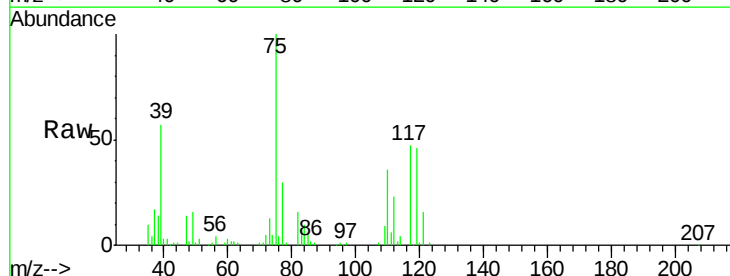
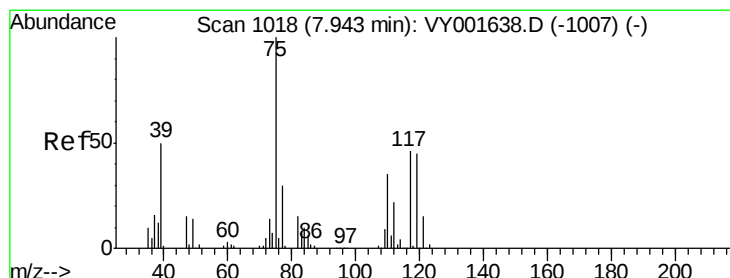
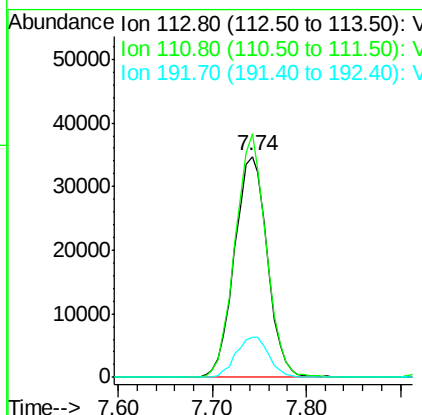
#35
Dibromofluoromethane
Concen: 48.148 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.3	81.9	122.9	
192	18.2	14.3	21.5	

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

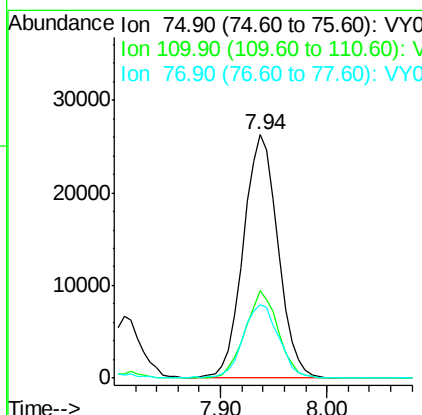
Manual Integrations
APPROVED

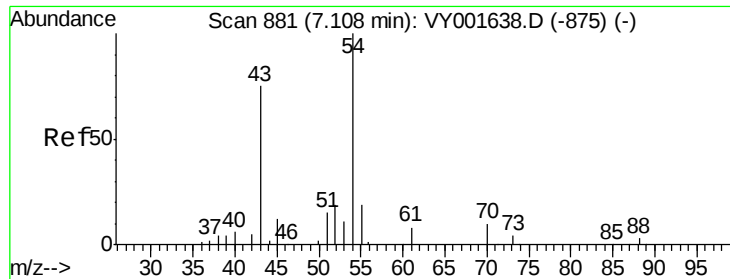
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#36
1,1-Dichloropropene
Concen: 20.592 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.2	17.2	51.6	
77	31.1	24.8	37.2	





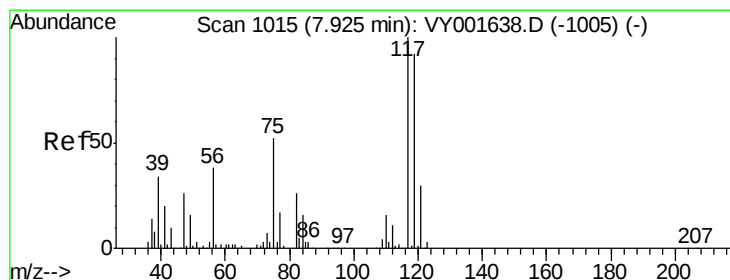
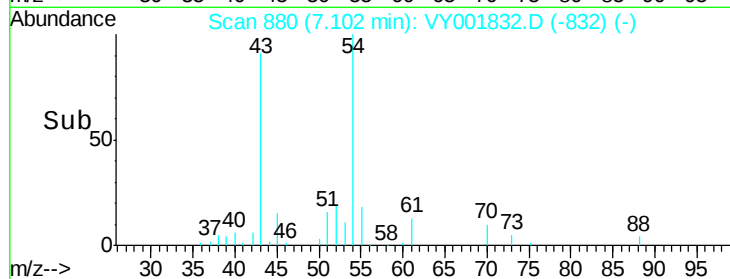
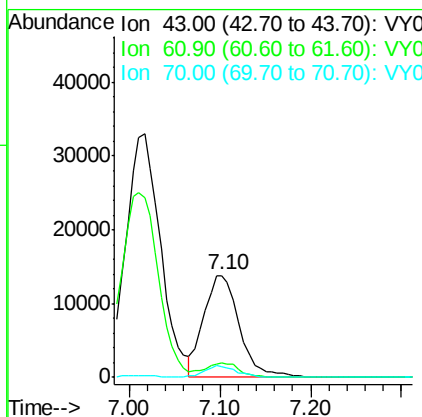
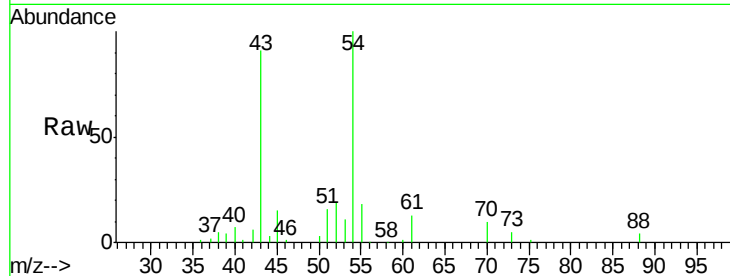
#37
Ethyl Acetate
Concen: 21.786 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.0	16.6
70	10.5	8.8	13.2

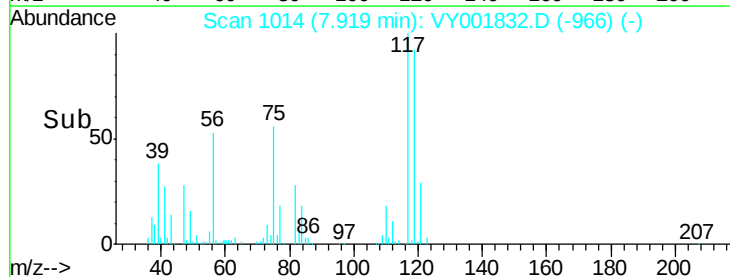
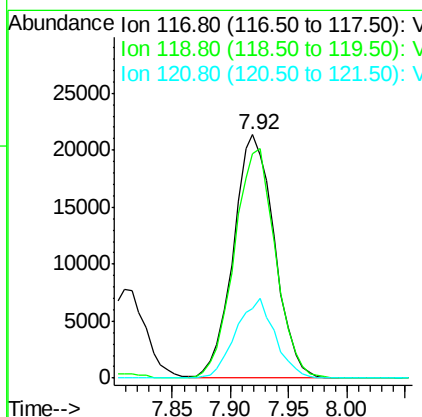
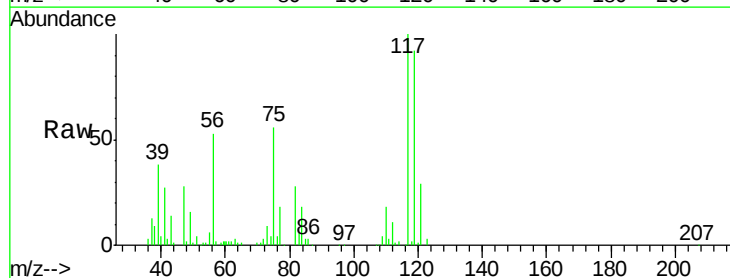
Manual Integrations
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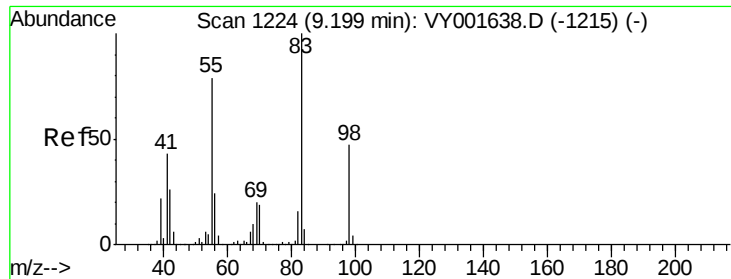
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#38
Carbon Tetrachloride
Concen: 20.356 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	74.8	112.2
121	28.8	23.8	35.6





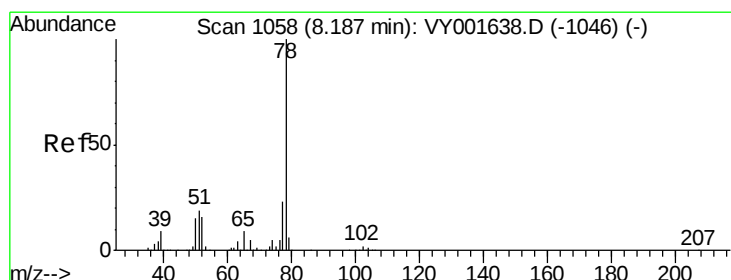
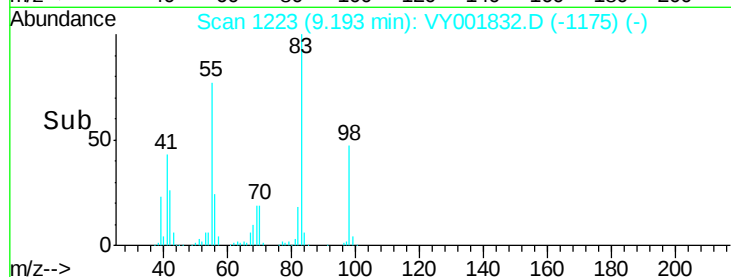
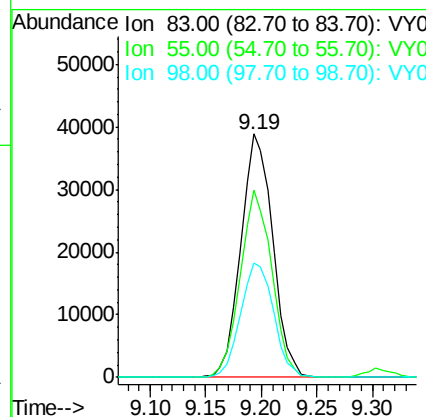
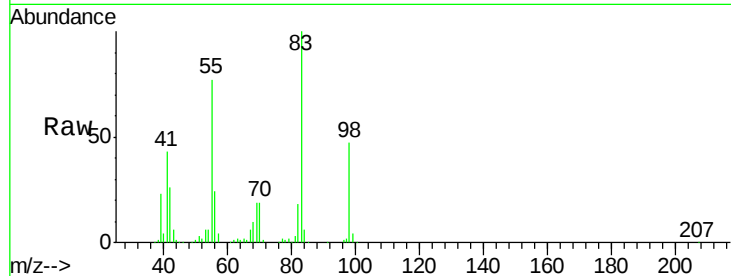
#39
Methvlcvclohexane
Concen: 19.911 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.3	91.9
98	47.1	38.0	57.0

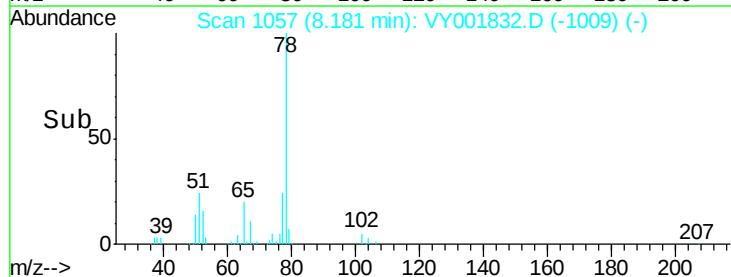
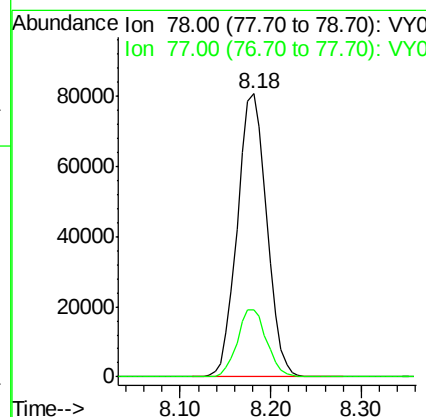
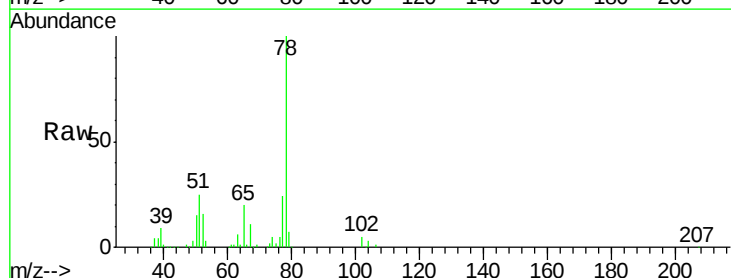
Manual Integrations
APPROVED

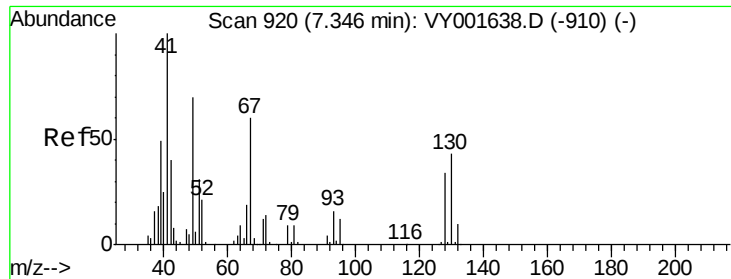
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#40
Benzene
Concen: 21.120 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.4





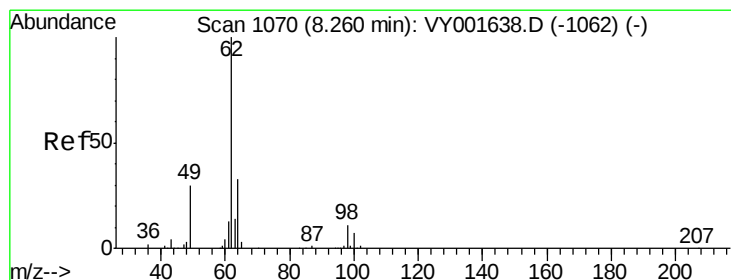
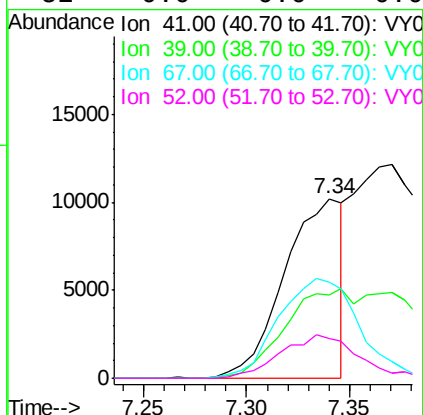
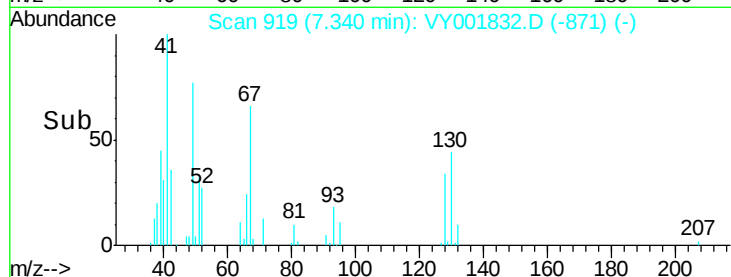
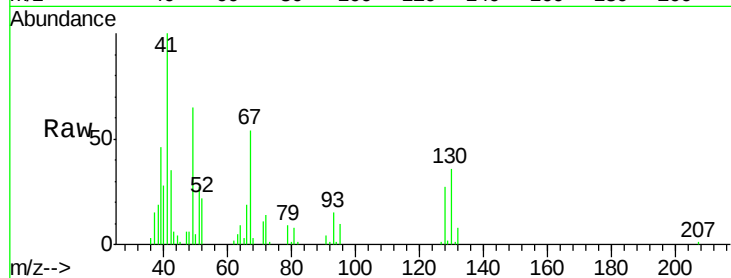
#41
Methacrylonitrile
Concen: 23.278 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	41	Resp	20429
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

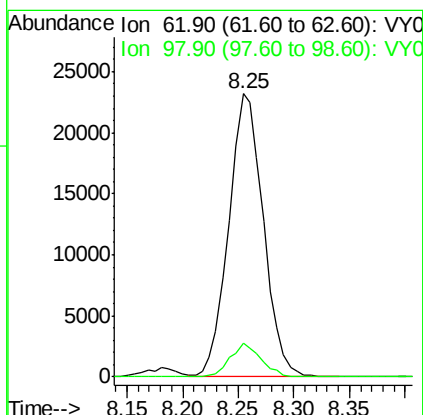
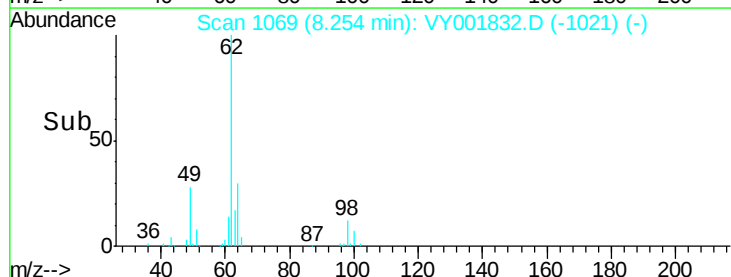
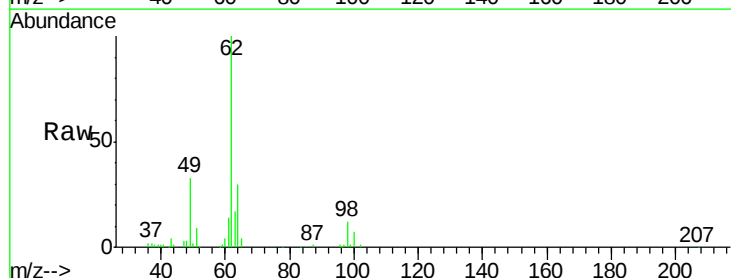
Manual Integrations
APPROVED

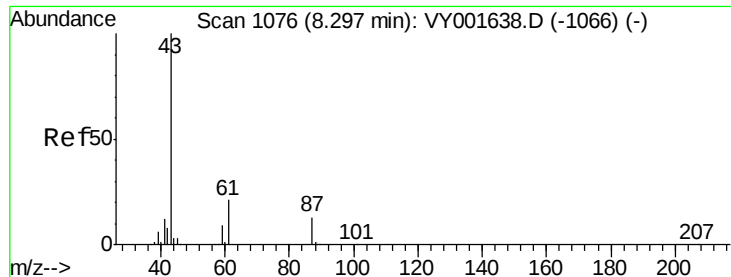
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.289 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	62	Resp	49953
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 21.568 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

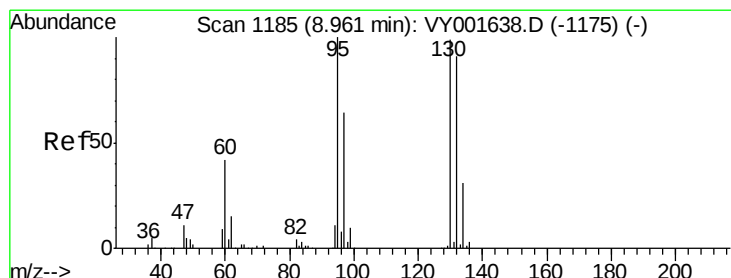
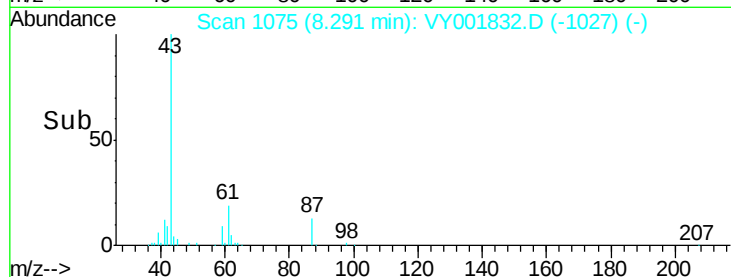
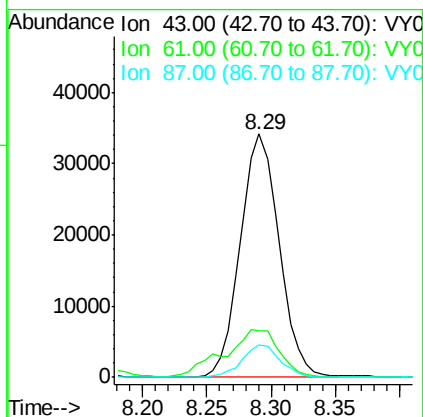
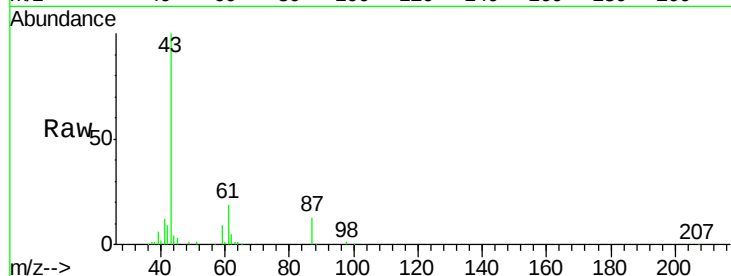
ClientSampleId :

VY0303SBS01

Tot Ion:	43	Resp:	71526
Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.4
87	13.2	10.7	16.1

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#44

Trichloroethene

Concen: 20.950 ug/l

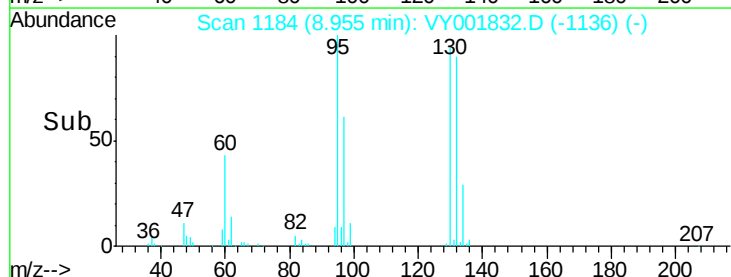
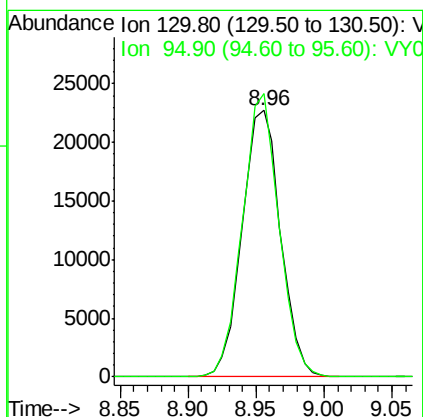
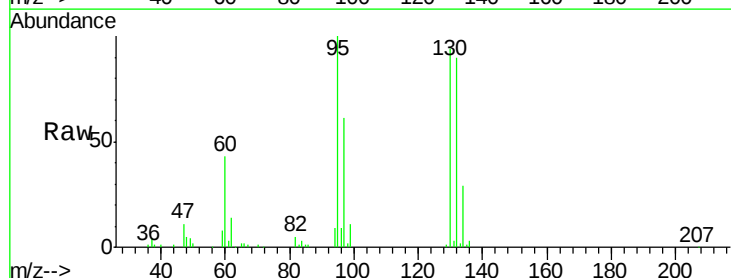
RT: 8.96 min Scan# 1184

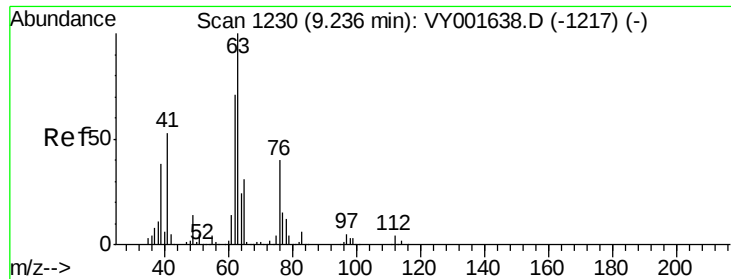
Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion:	130	Resp:	45043
Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	200.6





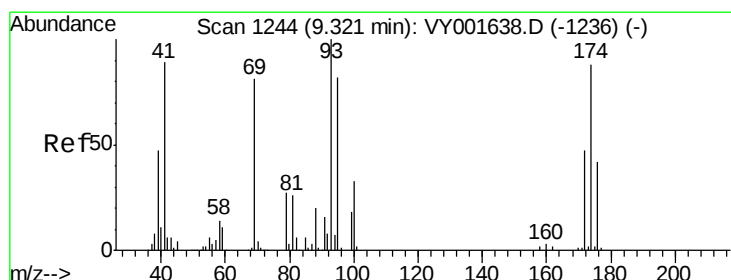
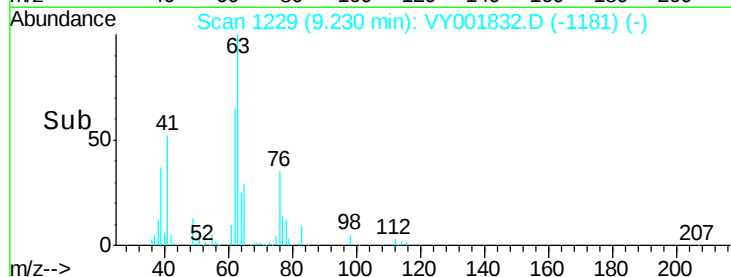
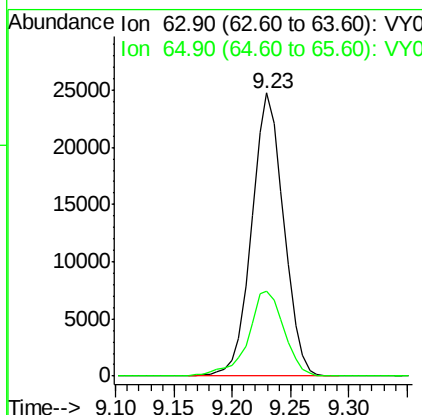
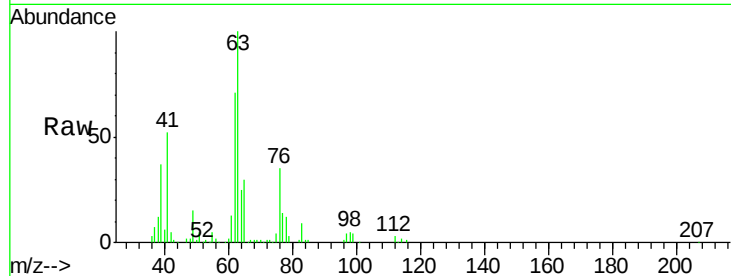
#45
 1,2-Dichloropropane
 Concen: 21.879 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion: 63 Resp: 47194
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 37.0

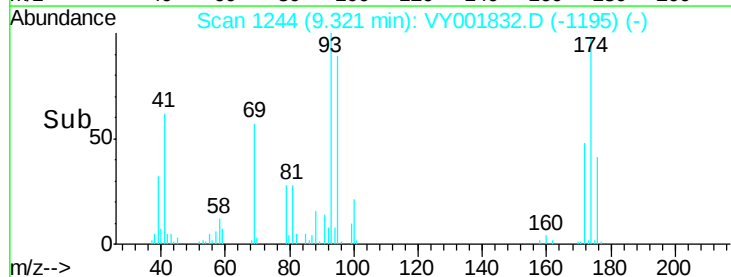
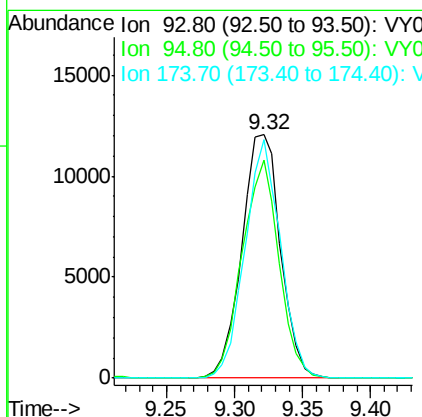
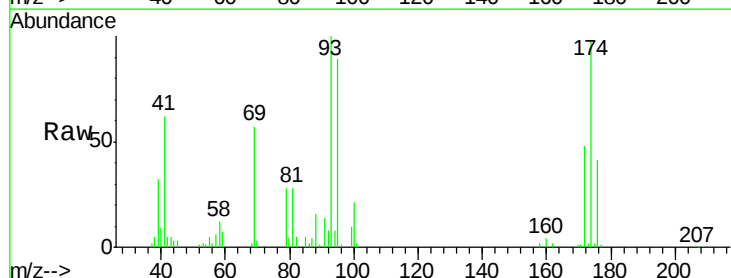
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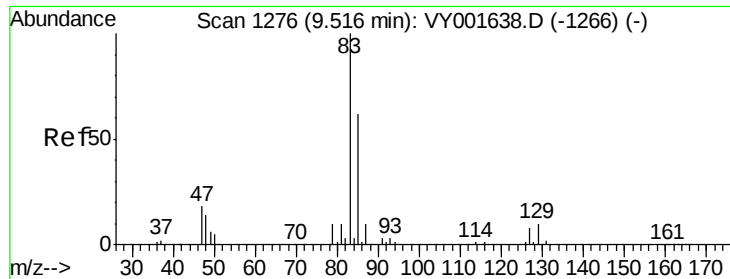
MMDadoda
 3/4/2020 2:02:11 PM



#46
 Dibromomethane
 Concen: 21.281 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 93 Resp: 24009
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.1 99.1
 174 90.1 72.5 108.7





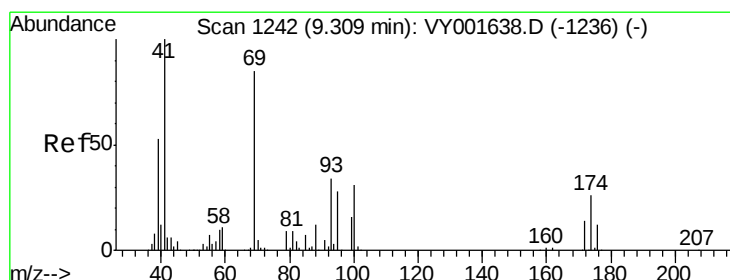
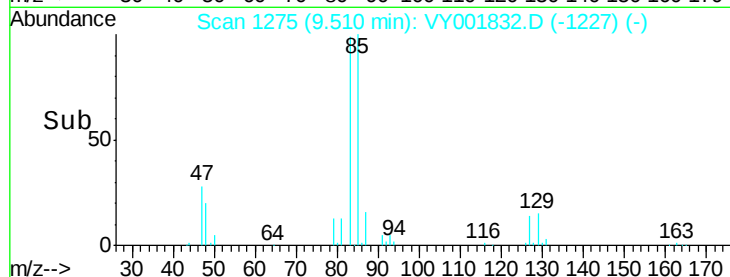
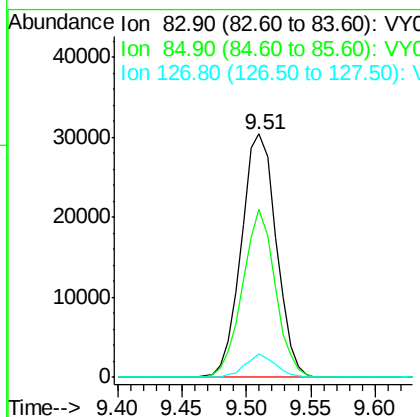
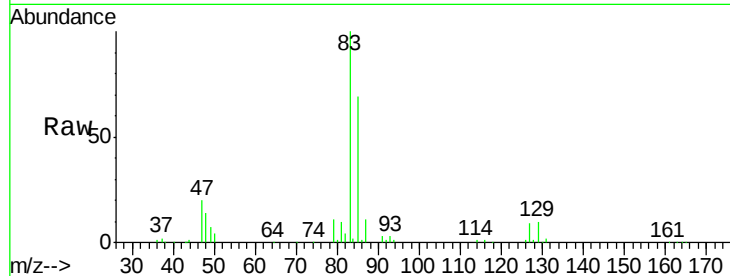
#47
Bromodichloromethane
Concen: 20.984 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	83	Resp	57138
Ion Ratio	100		
Lower	51.4		
Upper	77.0		
85	69.0		
127	9.4		

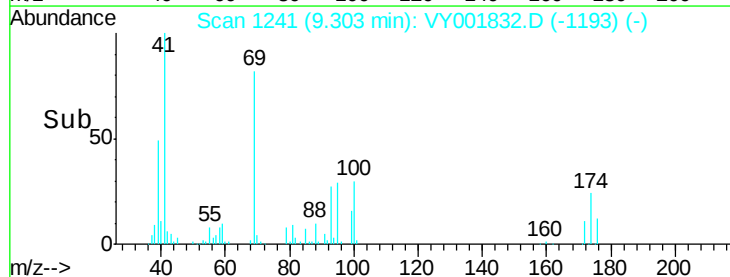
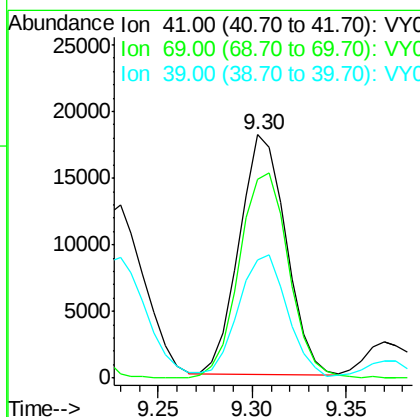
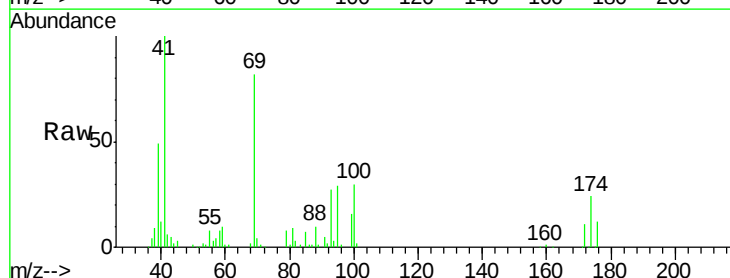
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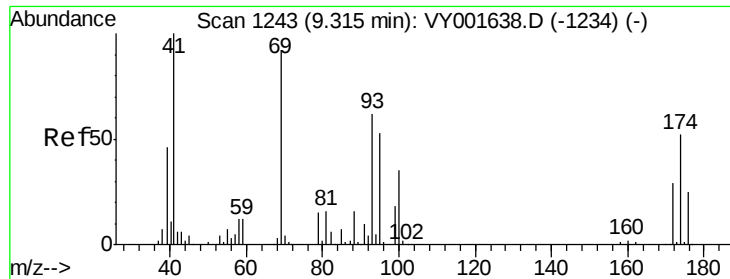
MMDadoda
3/4/2020 2:02:11 PM



#48
Methyl methacrylate
Concen: 20.715 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	41	Resp	31069
Ion Ratio	100		
Lower	70.7		
Upper	106.1		
69	90.5		
39	54.5		





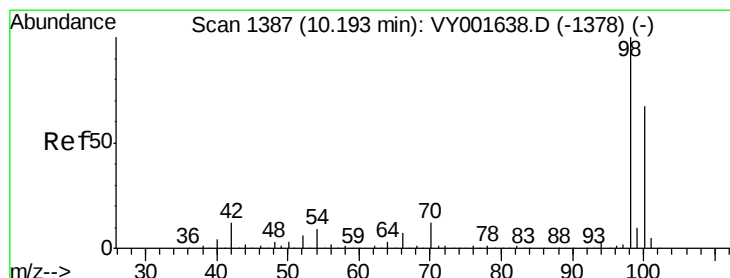
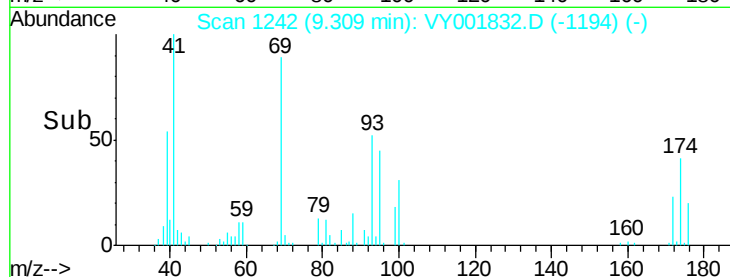
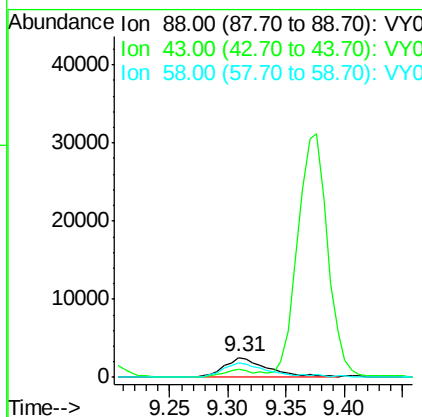
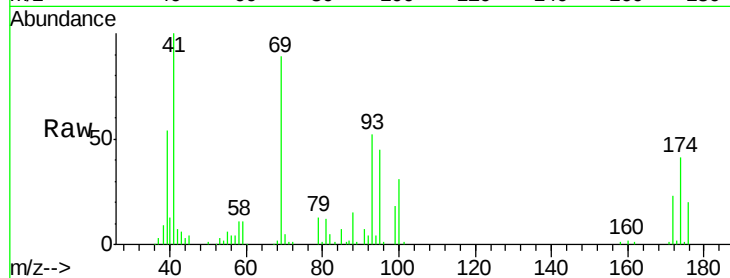
#49
 1,4-Dioxane
 Concen: 416.201 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	23.1	34.7
58	70.4	58.1	87.1

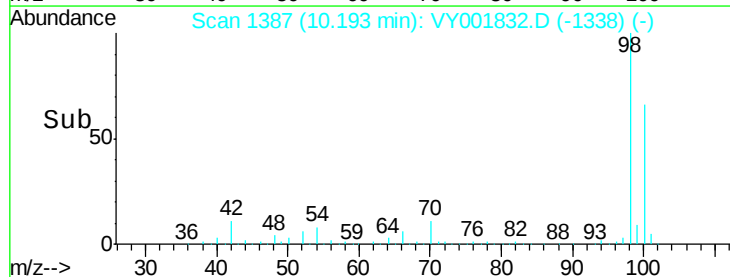
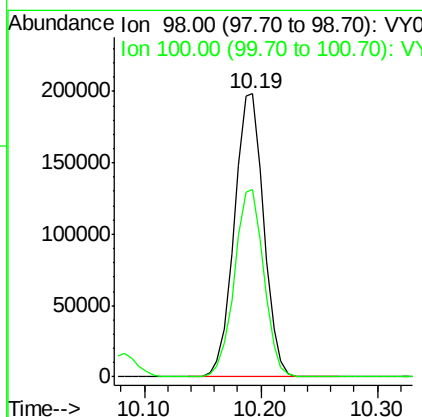
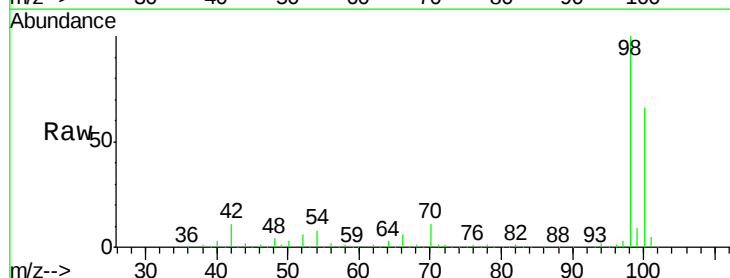
Manual Integrations
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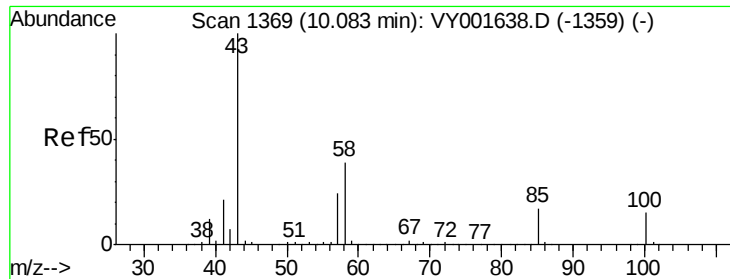
MMDadoda
 3/4/2020 2:02:11 PM



#50
 Toluene-d8
 Concen: 50.642 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 108.551 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 43 Resp: 184962

Ion Ratio Lower Upper

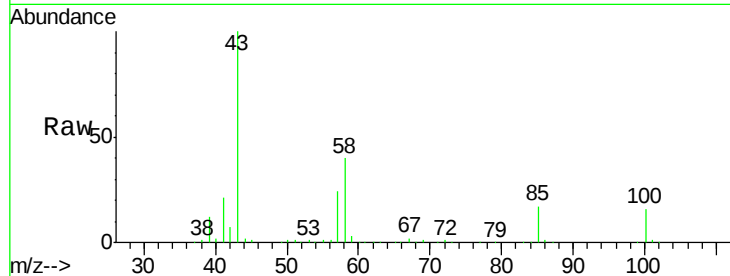
43 100

58 39.3 32.2 48.4

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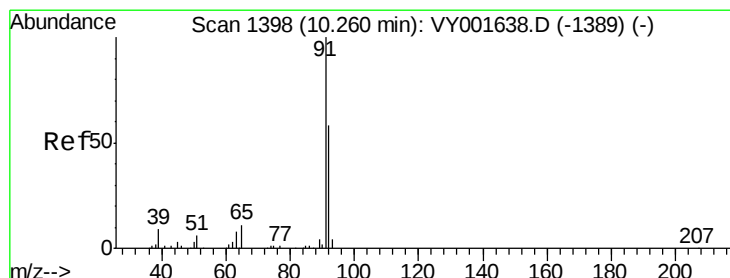
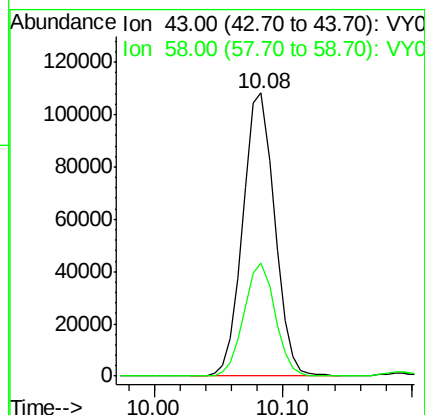
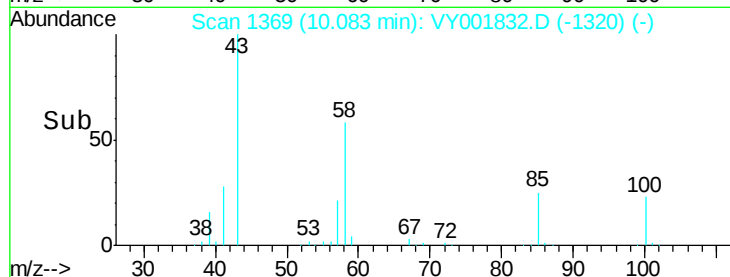
MMDadoda

3/4/2020 2:02:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VY001832.D (-1320) (-)

Ion 58.00 (57.70 to 58.70): VY001832.D (-1320) (-)



#52

Toluene

Concen: 20.971 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001832.D

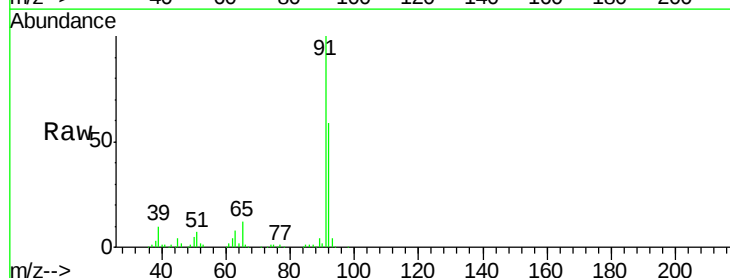
Acq: 03 Mar 2020 14:13

Tgt Ion: 92 Resp: 112667

Ion Ratio Lower Upper

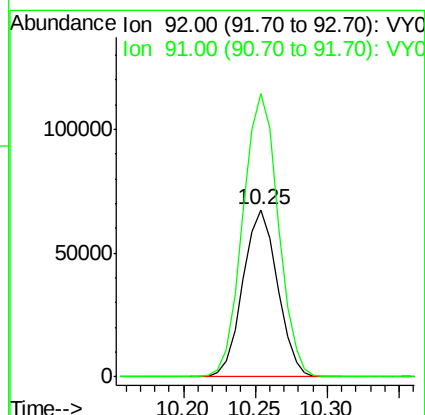
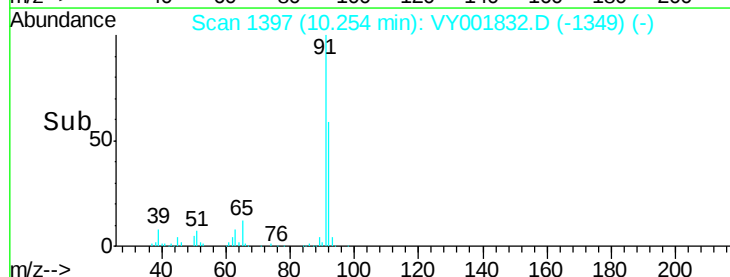
92 100

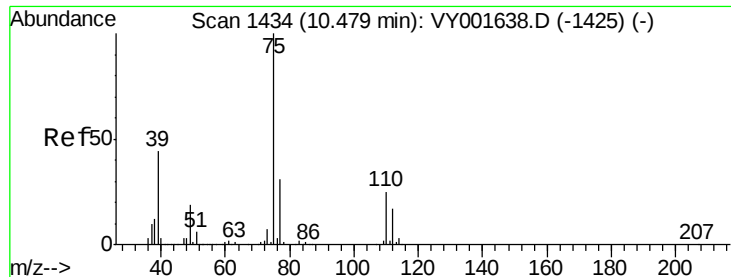
91 173.0 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY001832.D (-1349) (-)

Ion 91.00 (90.70 to 91.70): VY001832.D (-1349) (-)





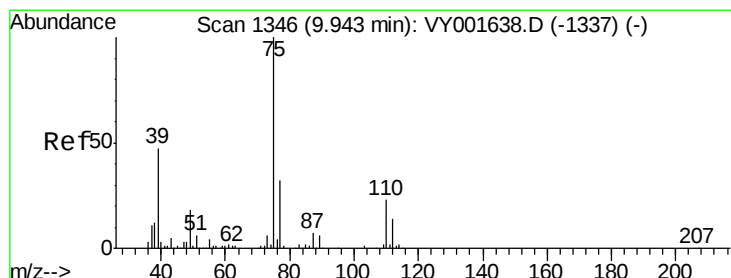
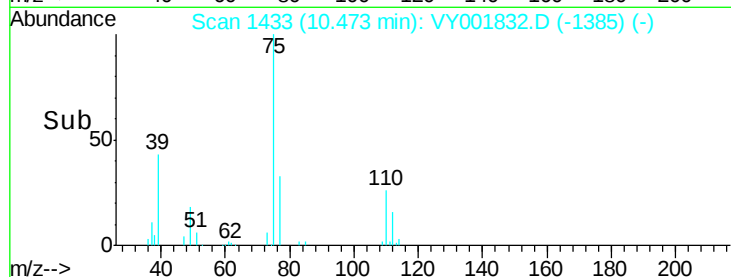
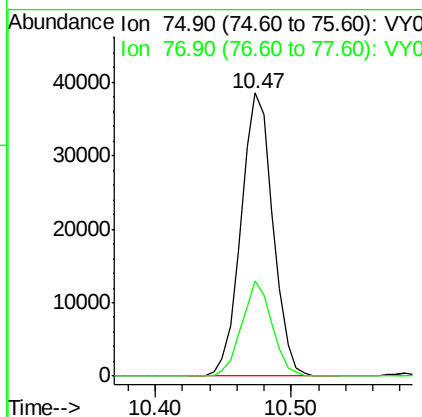
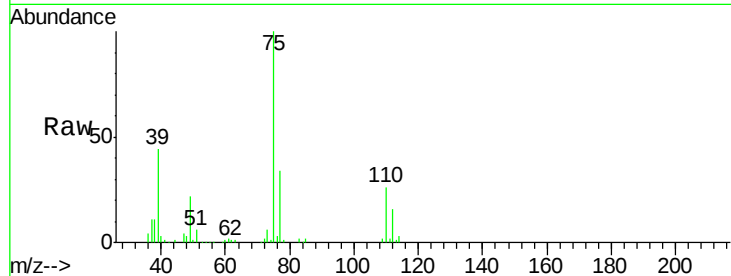
#53
 t-1,3-Dichloropropene
 Concen: 20.936 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion: 75 Resp: 63022
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.2 37.8

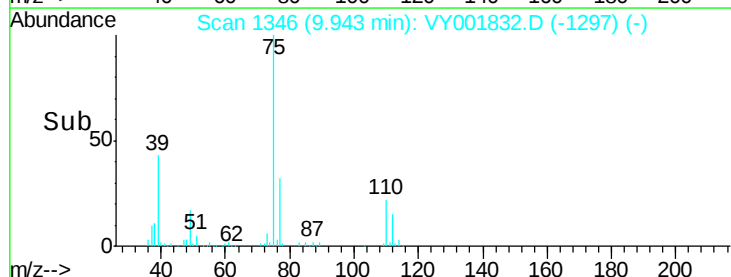
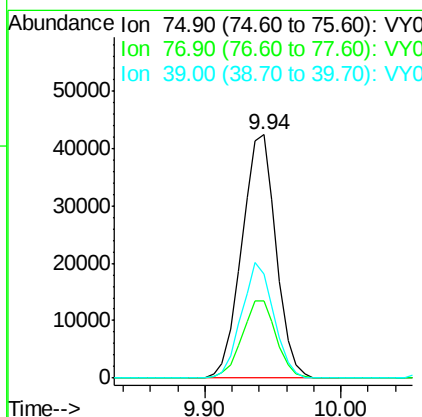
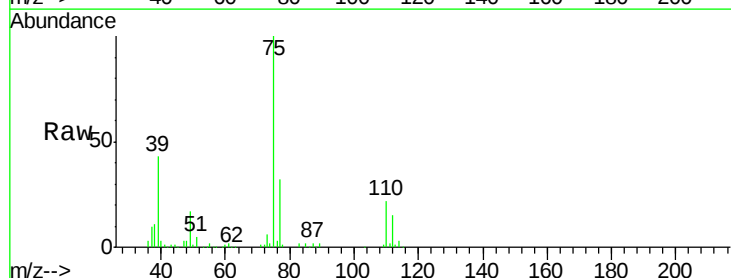
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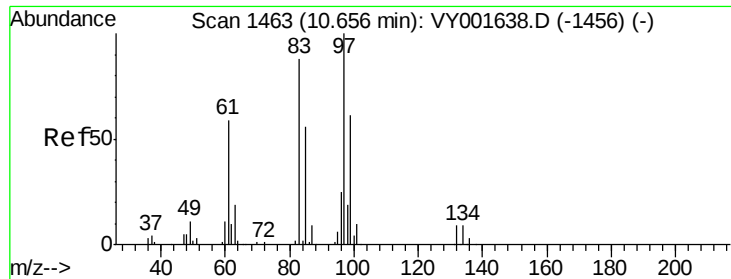
MMDadoda
 3/4/2020 2:02:11 PM



#54
 cis-1,3-Dichloropropene
 Concen: 21.461 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 75 Resp: 74351
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5
 39 43.0 35.7 53.5





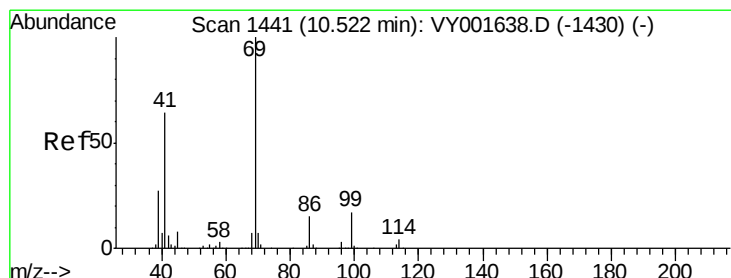
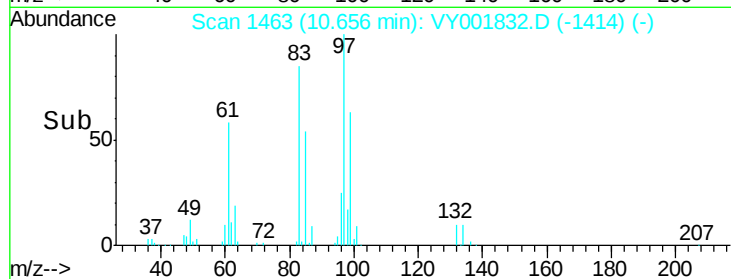
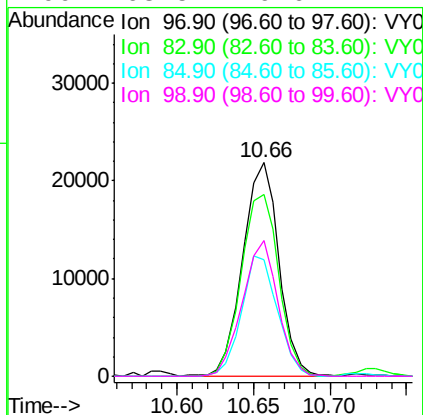
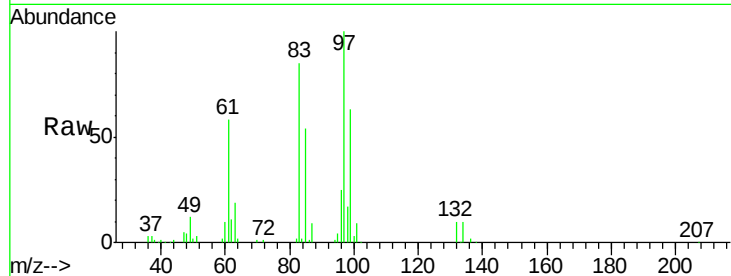
#55
 1,1,2-Trichloroethane
 Concen: 21.529 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion:	97	Resp:	35815
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.7	104.5
85	54.4	44.5	66.7
99	63.5	49.6	74.4

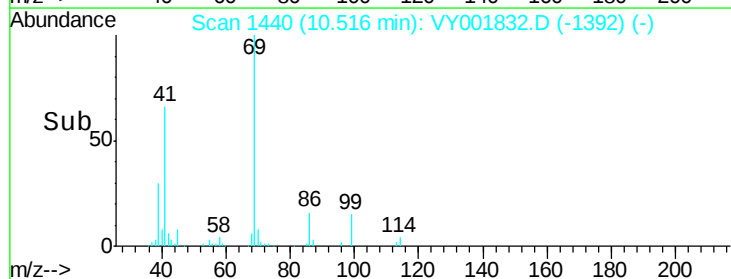
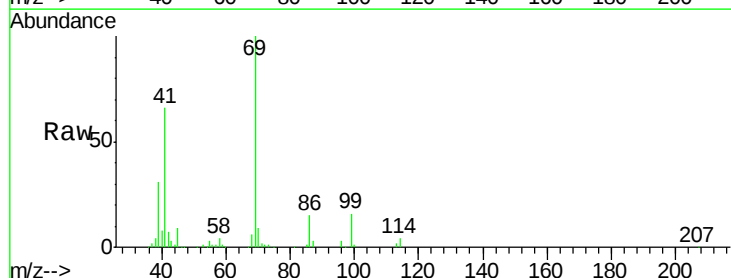
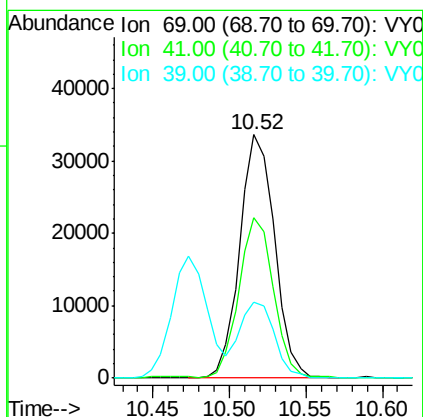
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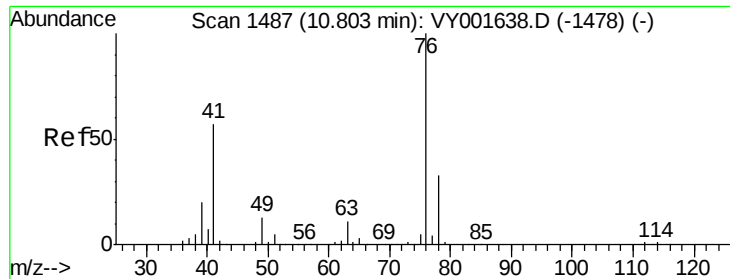
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#56
 Ethyl methacrylate
 Concen: 21.354 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion:	69	Resp:	53293
Ion	Ratio	Lower	Upper
69	100		
41	64.8	51.0	76.4
39	30.9	24.7	37.1





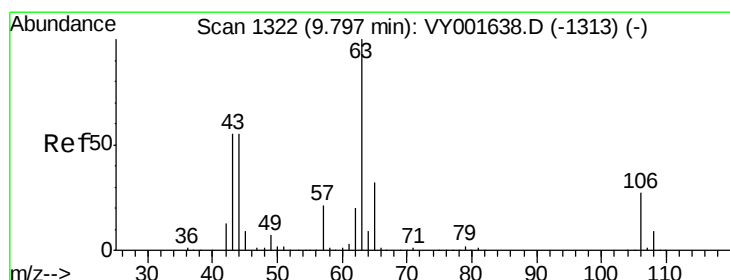
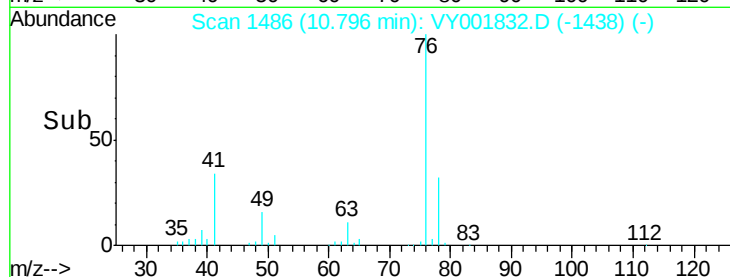
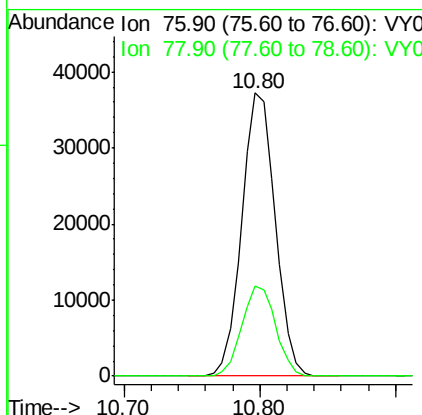
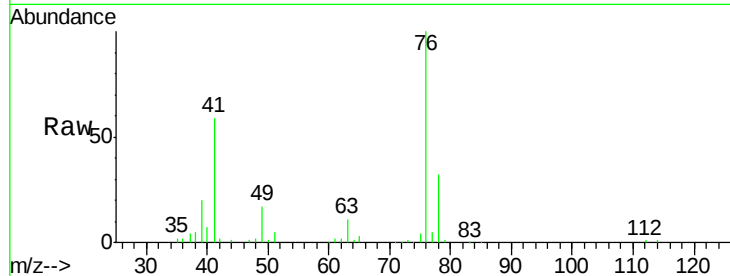
#57
 1,3-Dichloropropane
 Concen: 21.628 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion: 76 Resp: 63929
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

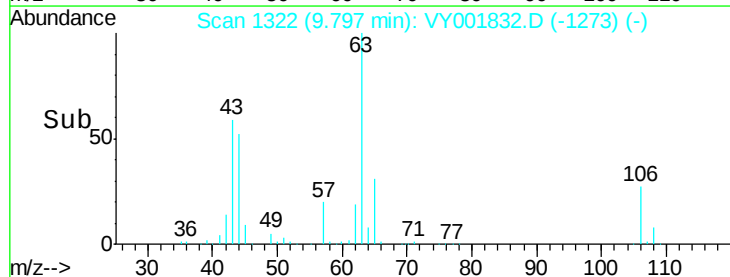
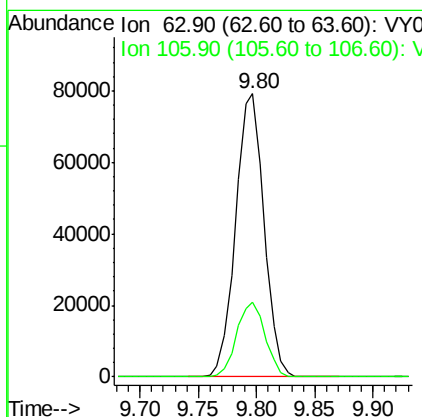
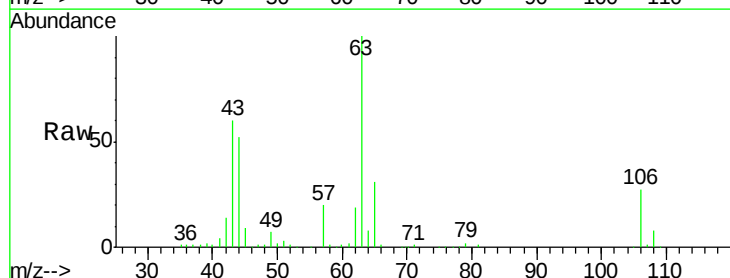
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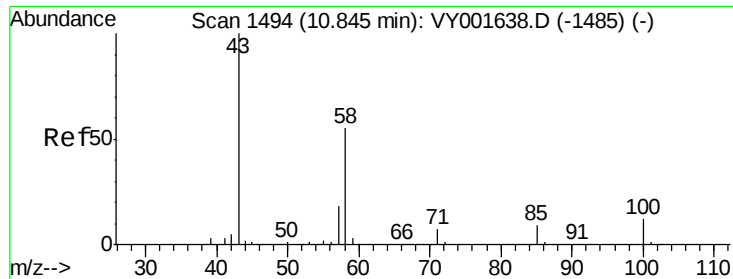
MMDadoda
 3/4/2020 2:02:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.544 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion: 63 Resp: 134564
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.6 32.4





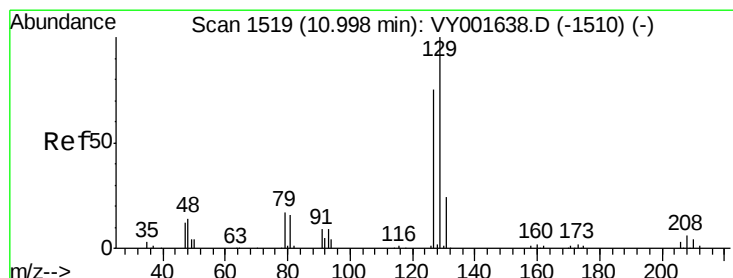
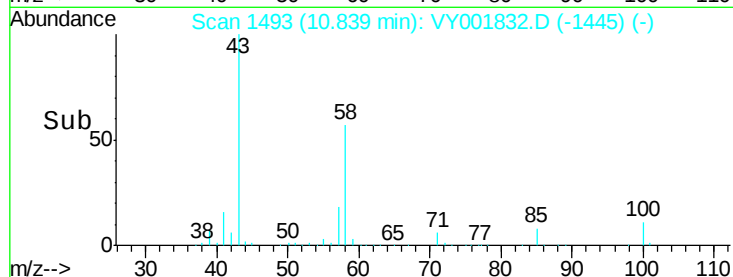
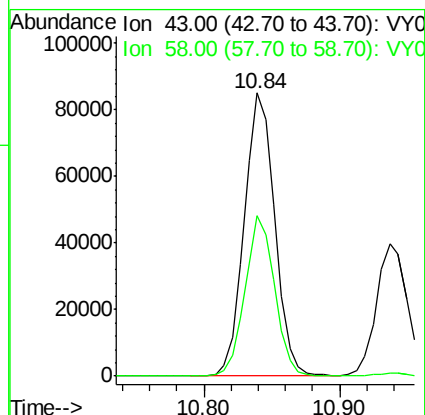
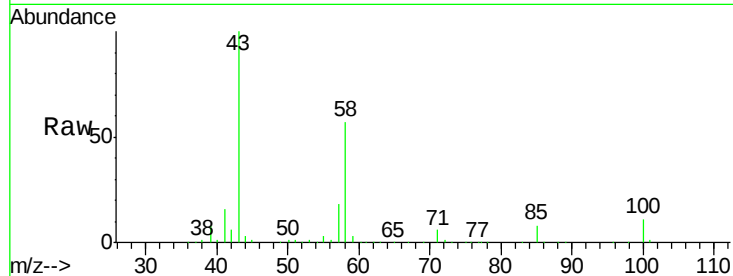
#59
2-Hexanone
Concen: 104.323 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion: 43 Resp: 133374
Ion Ratio Lower Upper
43 100
58 55.1 28.4 85.2

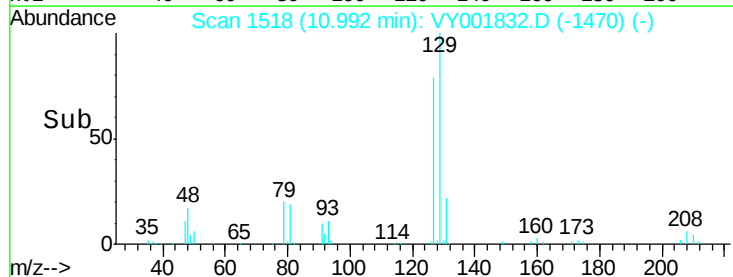
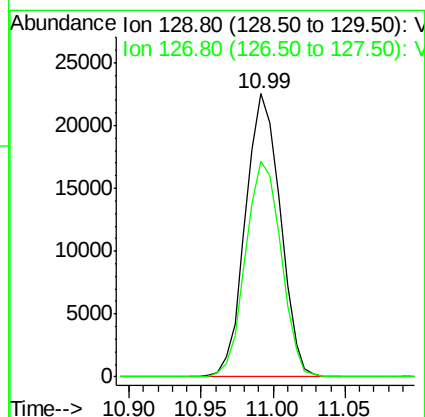
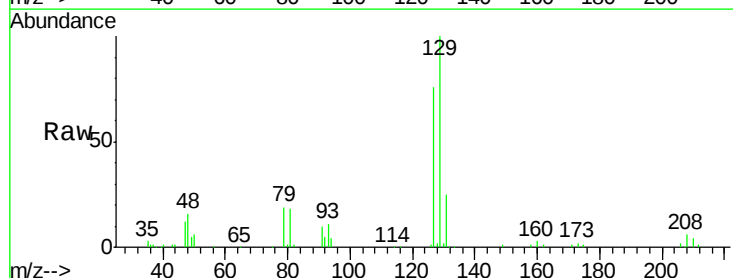
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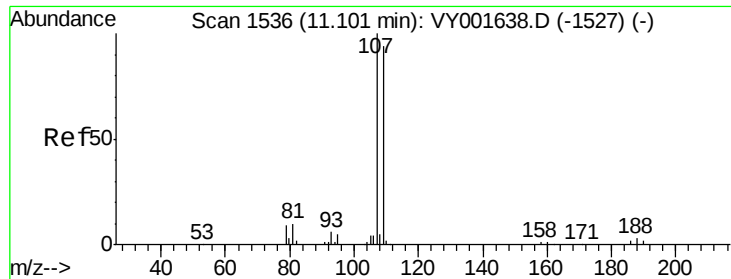
MMDadoda
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#60
Dibromochloromethane
Concen: 20.614 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion:129 Resp: 37808
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





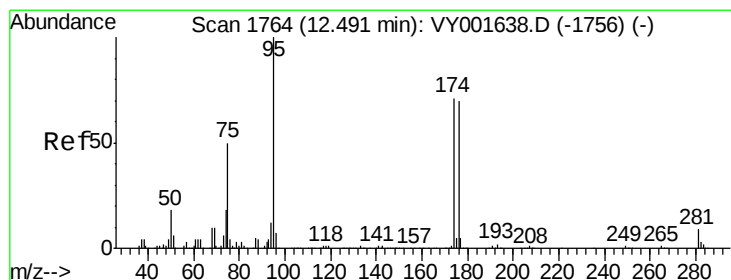
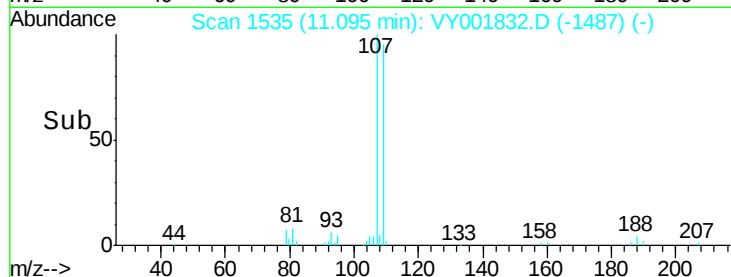
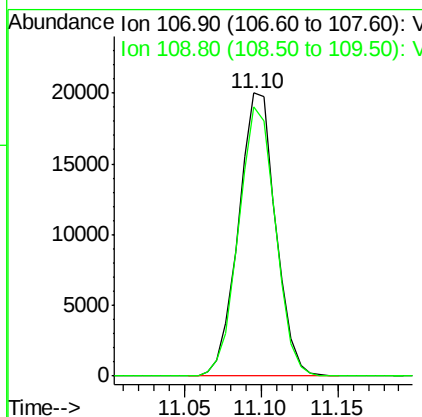
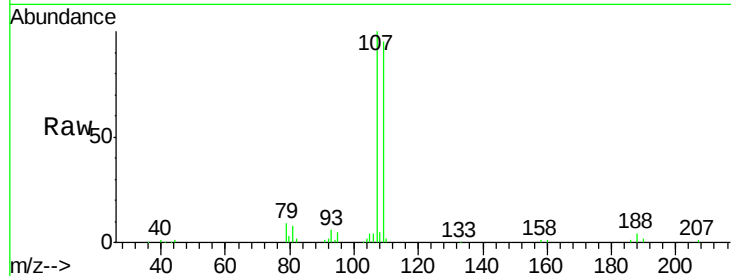
#61
 1,2-Dibromoethane
 Concen: 21.391 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.2	111.4

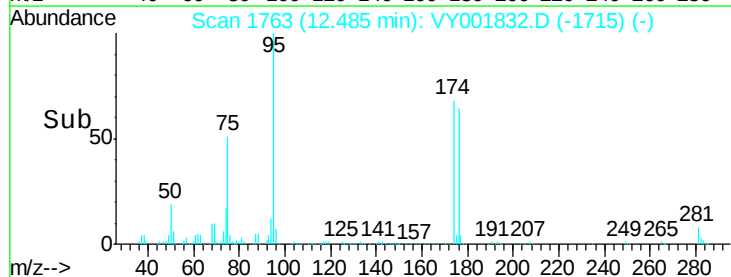
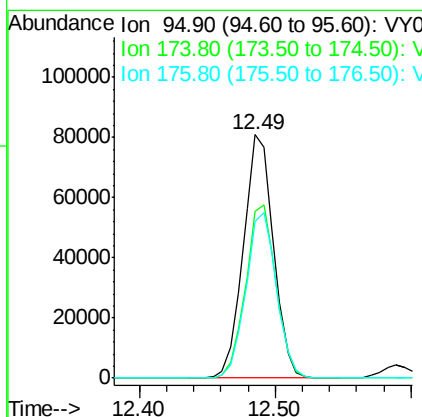
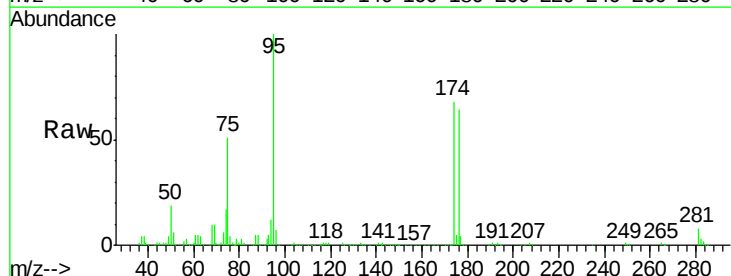
Manual Integrations
 APPROVED

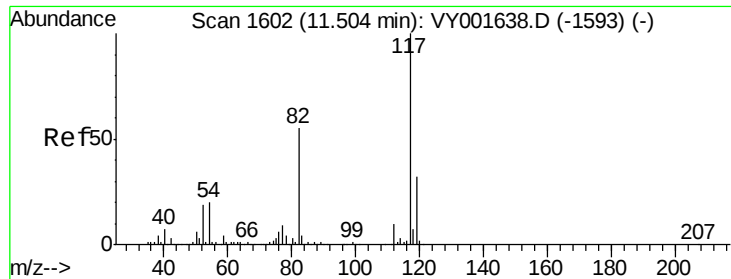
MMDadoda
 3/4/2020 2:02:11 PM



#62
 4-Bromofluorobenzene
 Concen: 46.745 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	138.4
176	69.2	0.0	131.8





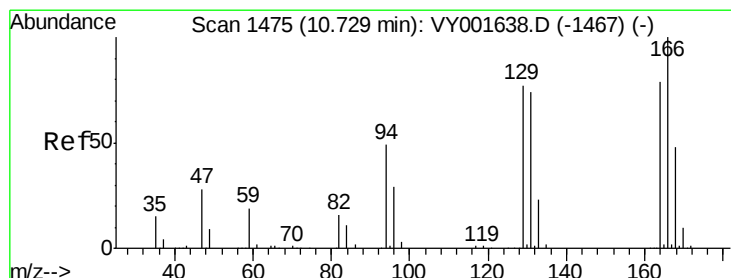
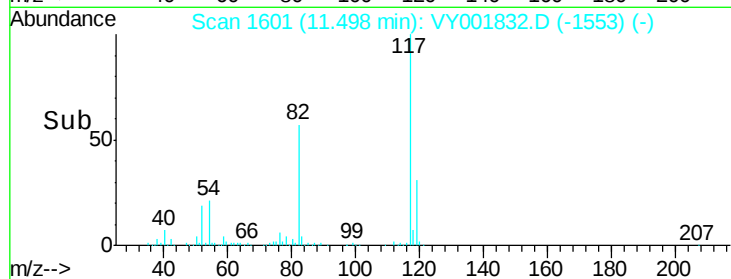
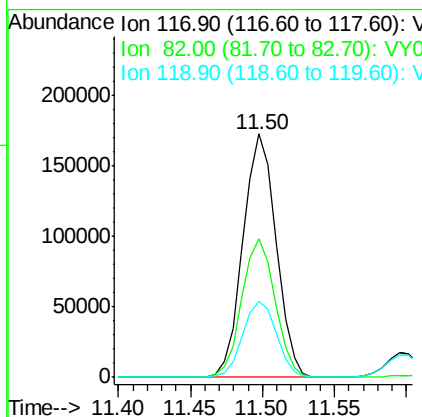
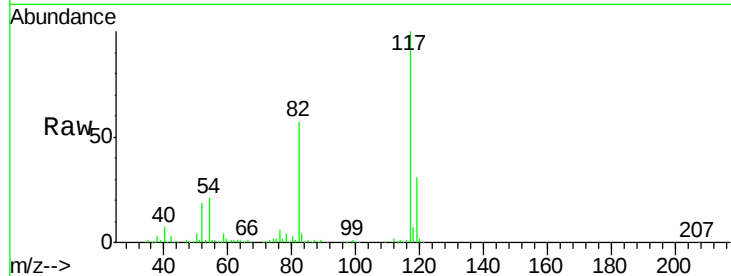
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.5	68.3
119	31.1	25.8	38.6

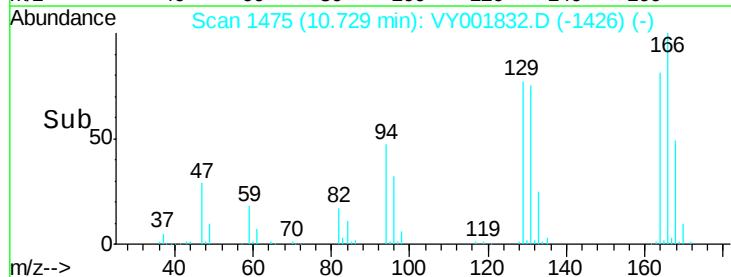
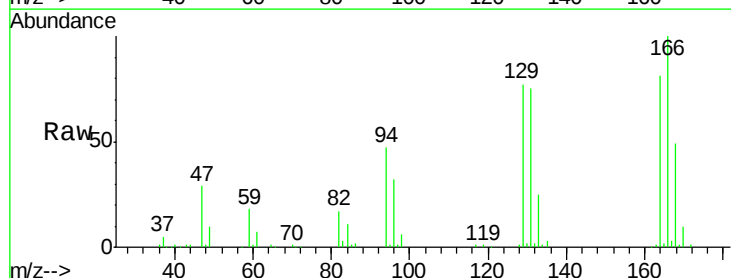
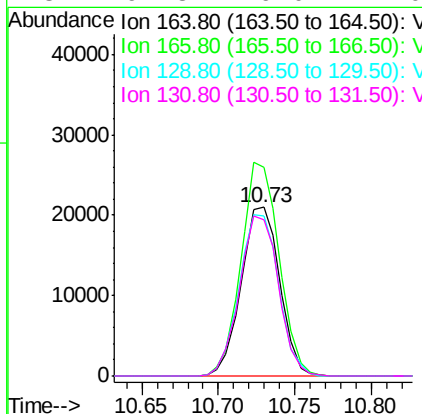
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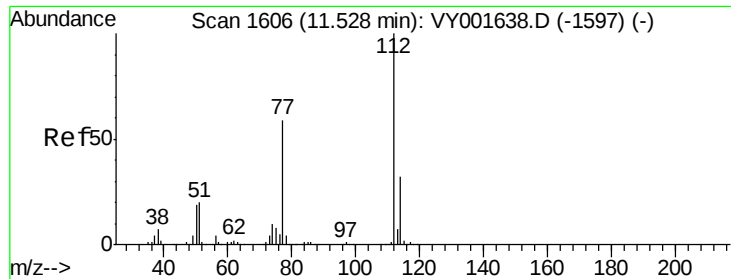
MMDadoda
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#64
Tetrachloroethene
Concen: 21.346 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	101.4	152.0
129	94.5	78.7	118.1
131	92.8	76.0	114.0





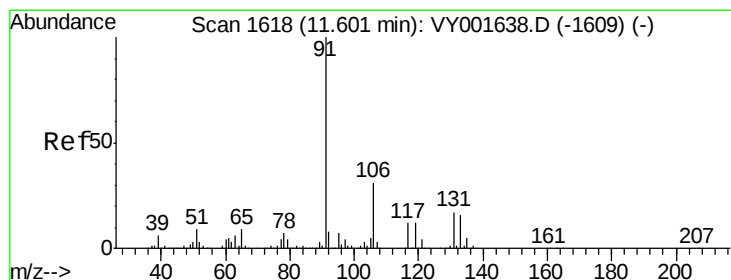
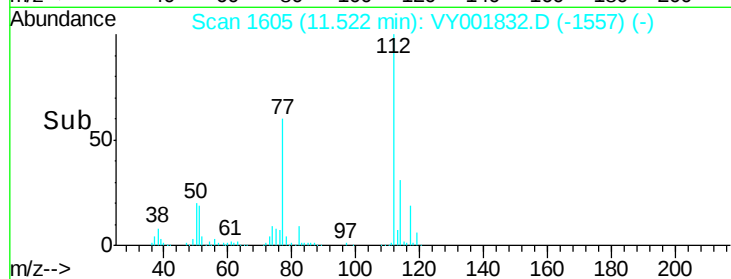
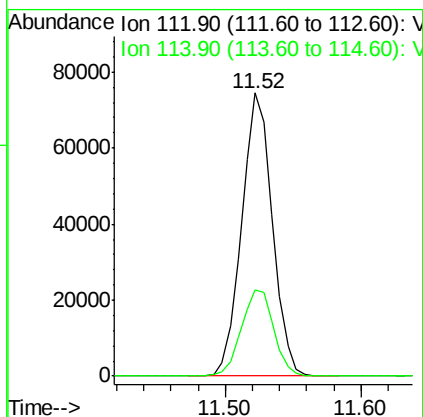
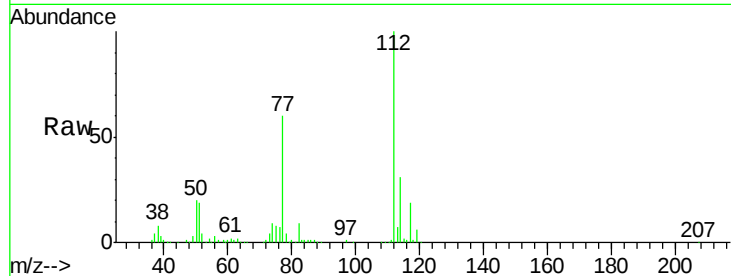
#65
Chlorobenzene
Concen: 21.374 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.4	38.2

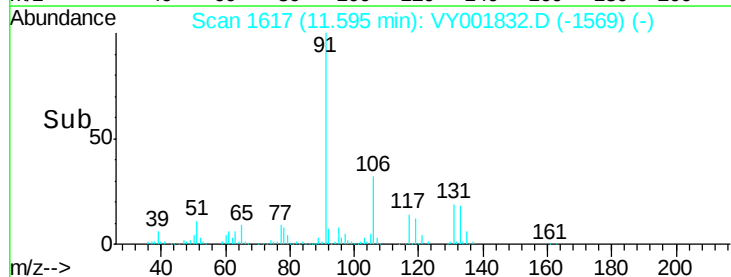
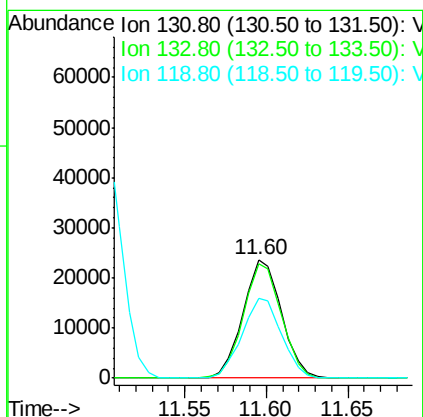
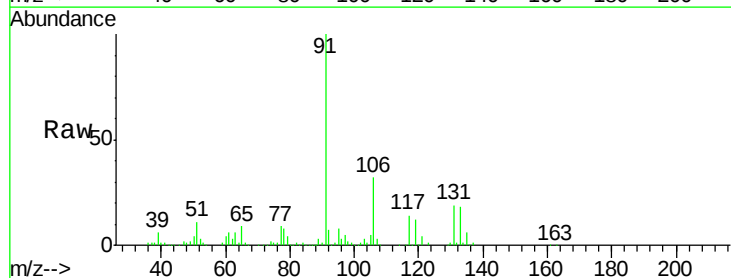
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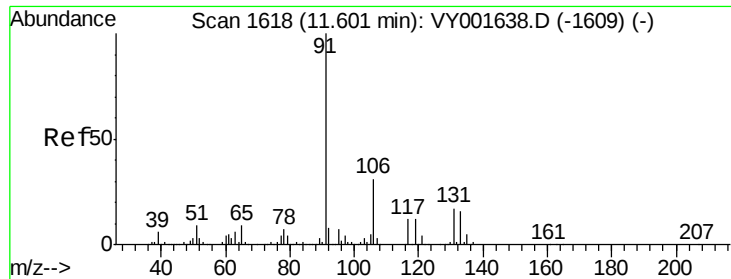
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.017 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.4	142.2
119	69.0	34.4	103.1





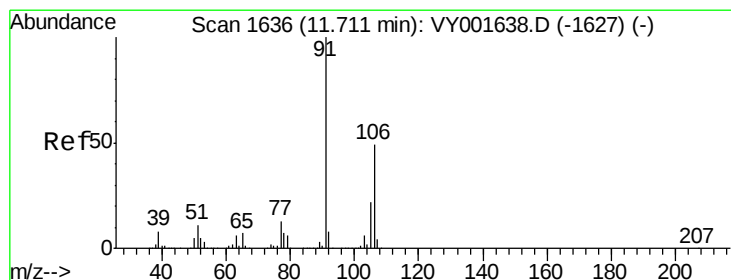
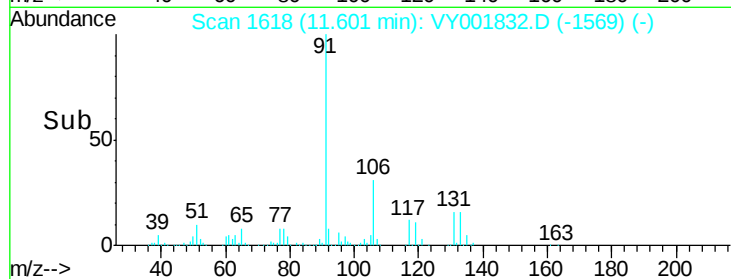
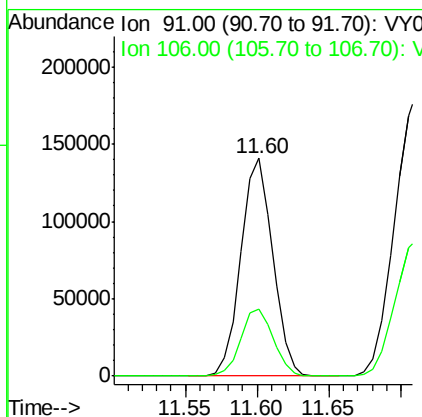
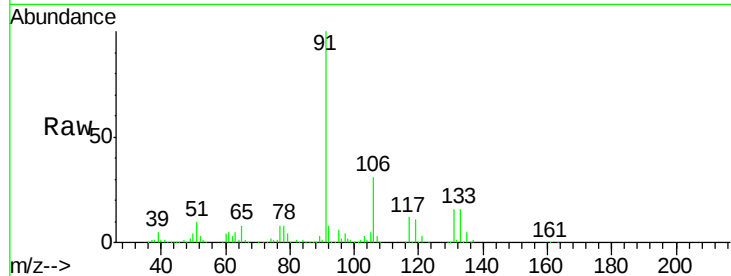
#67
Ethyl Benzene
Concen: 21.295 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion: 91 Resp: 216649
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

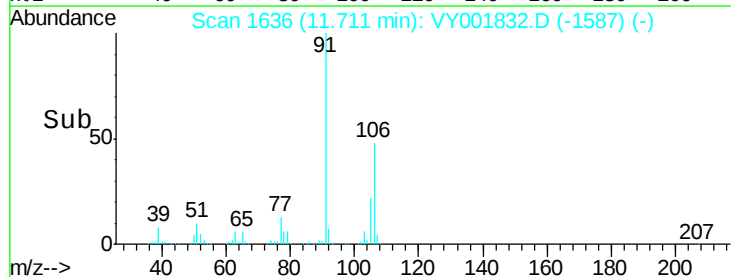
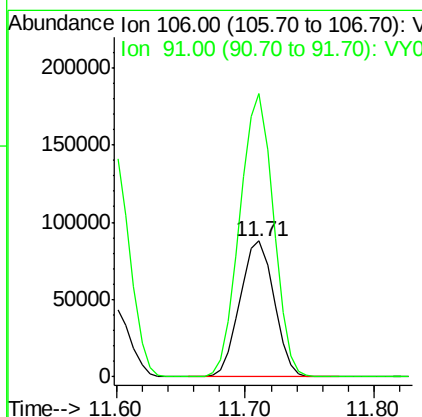
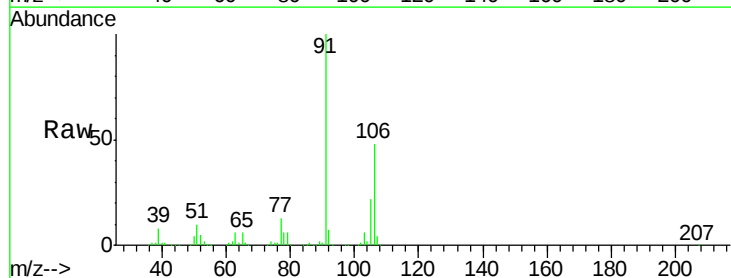
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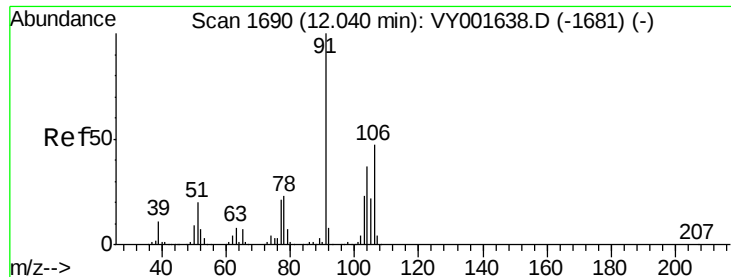
MMDadoda
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#68
m/p-Xylenes
Concen: 42.560 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 106 Resp: 161746
Ion Ratio Lower Upper
106 100
91 204.9 163.3 244.9





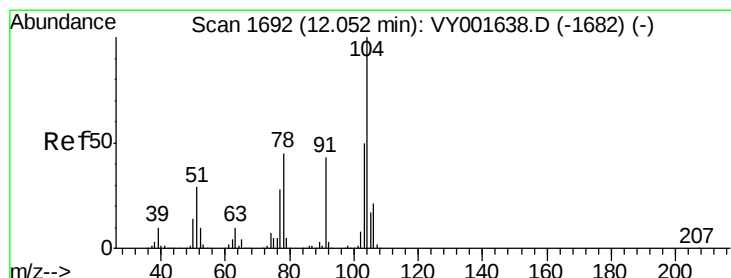
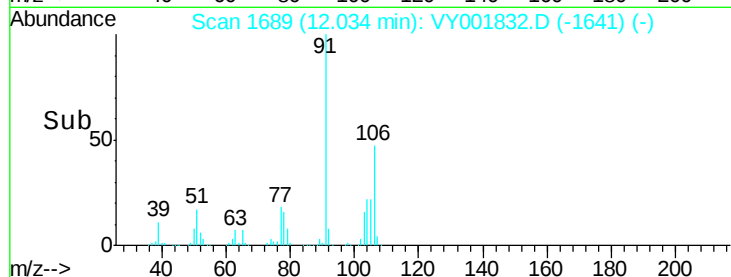
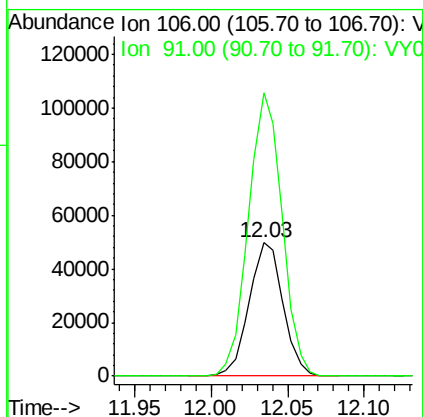
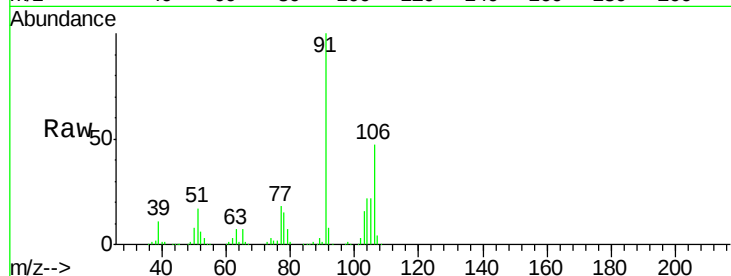
#69
o-Xylene
Concen: 21.204 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.7	108.3	324.9	

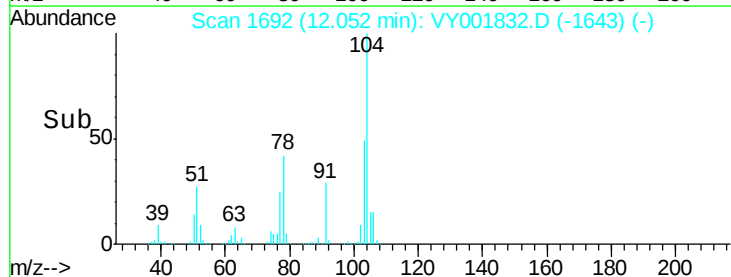
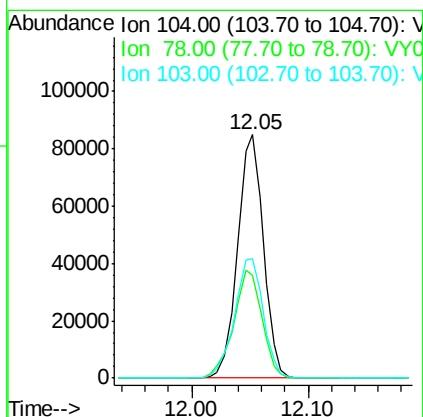
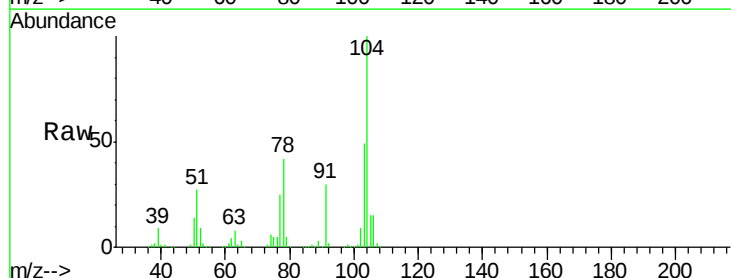
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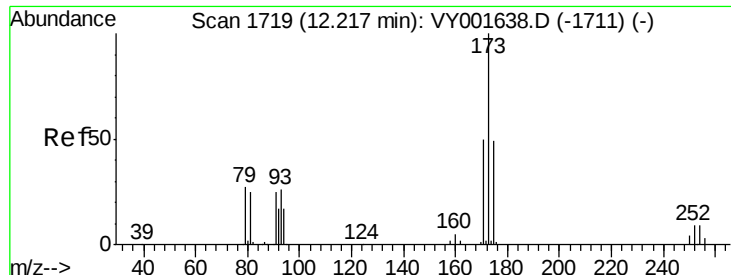
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#70
Styrene
Concen: 20.929 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.6	39.2	58.8	
103	54.7	43.0	64.6	





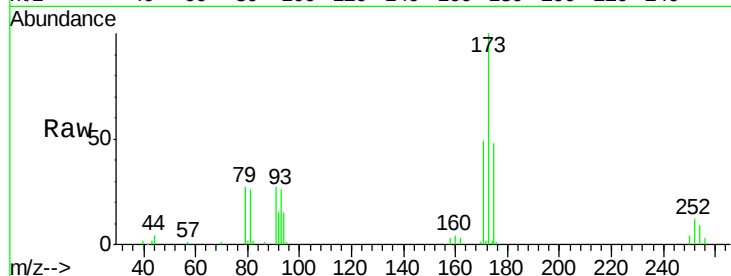
#71
Bromoform
Concen: 20.493 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

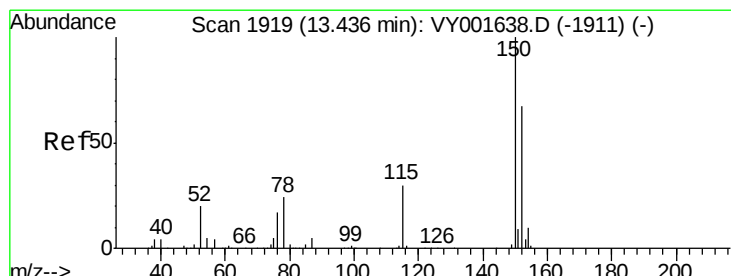
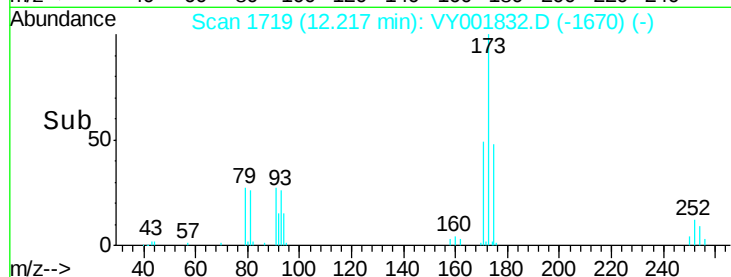
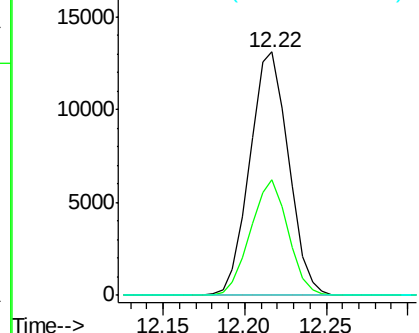
Tot Ion	Ratio	Lower	Upper
173	100		
175	45.8	24.3	73.0
254	0.0	0.1	0.1#

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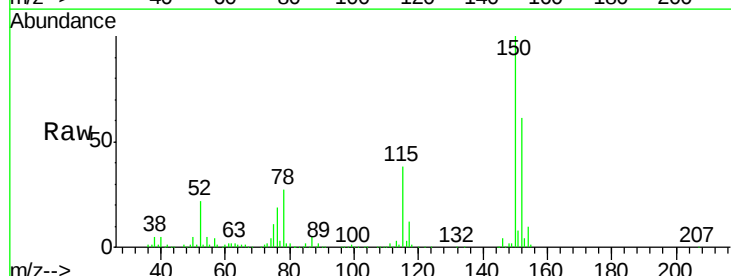


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

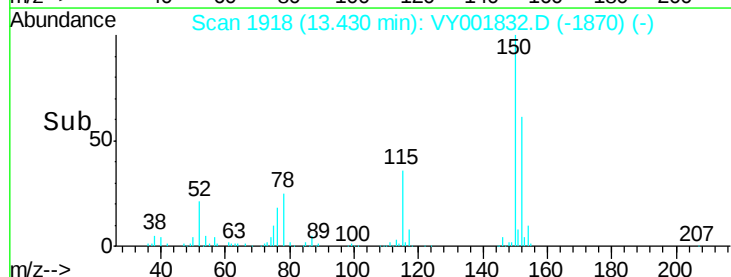
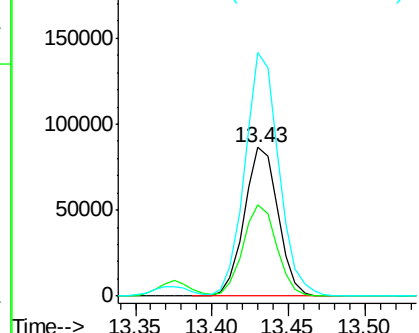


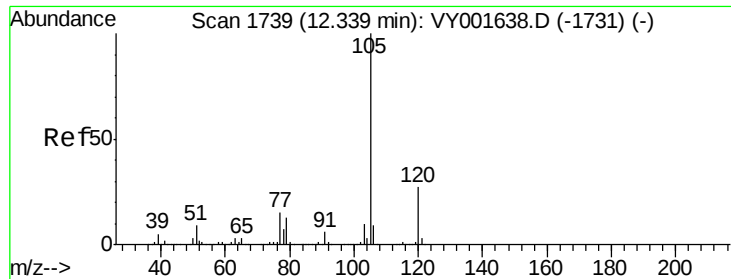
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.4	94.2
150	164.3	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





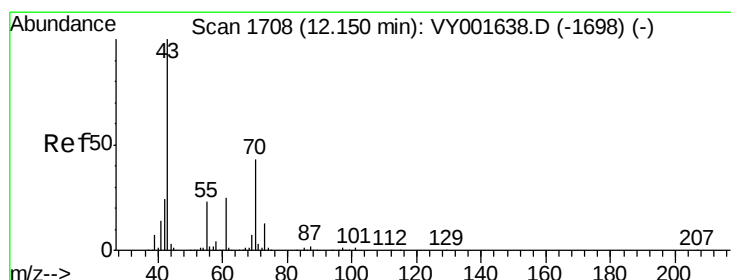
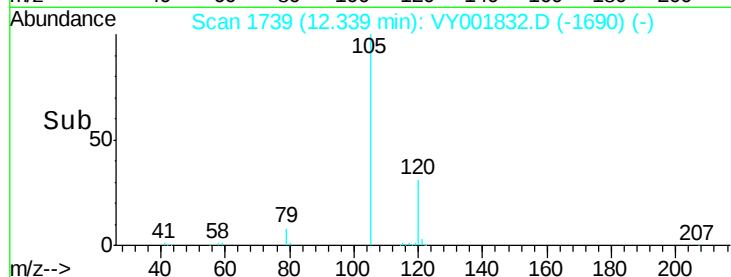
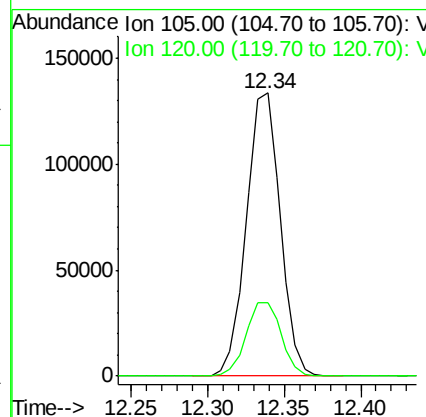
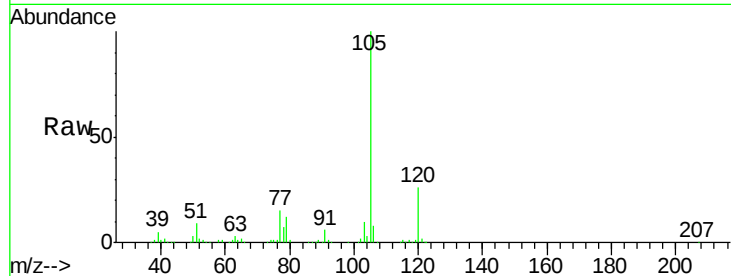
#73
Isopropylbenzene
Concen: 20.351 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion: 105 Resp: 205483
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

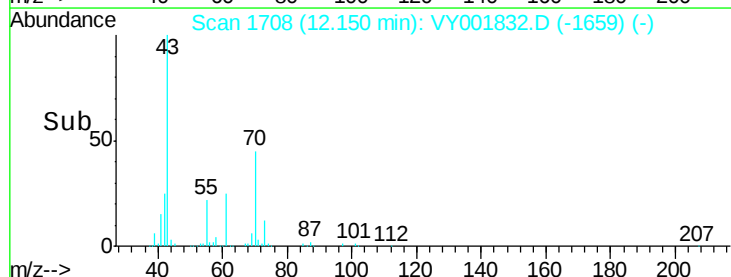
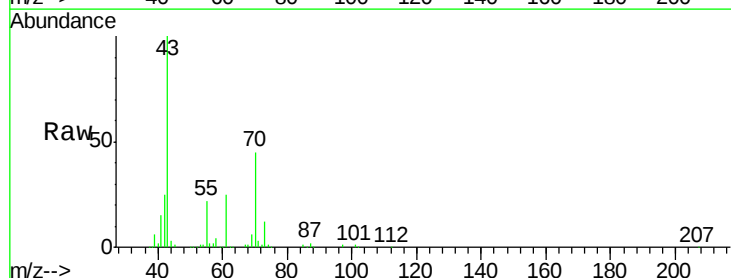
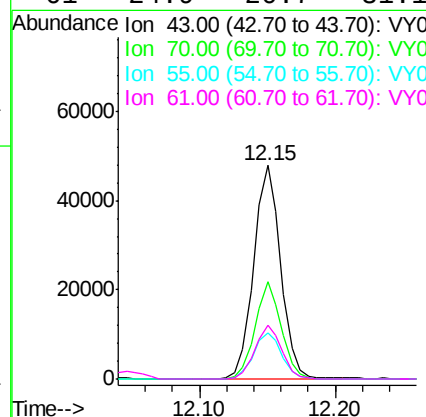
Manual Integrations
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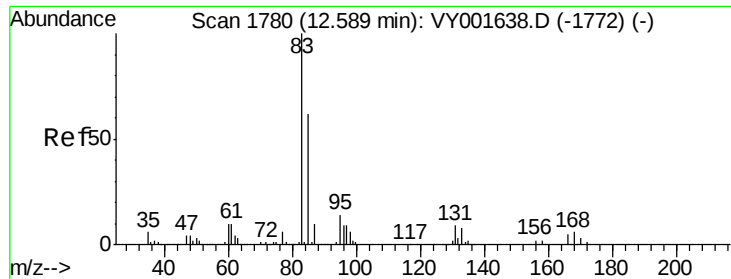
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#74
N-ethyl acetate
Concen: 20.683 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion: 43 Resp: 66647
Ion Ratio Lower Upper
43 100
70 44.2 35.9 53.9
55 22.6 18.3 27.5
61 24.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.033 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

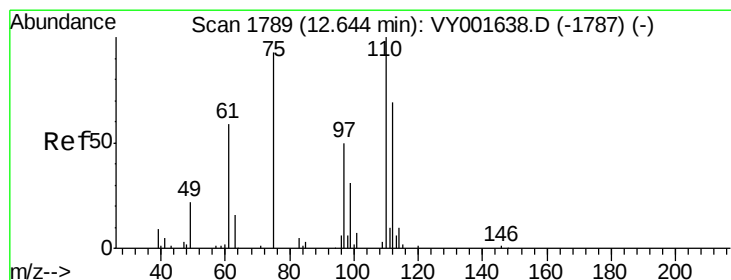
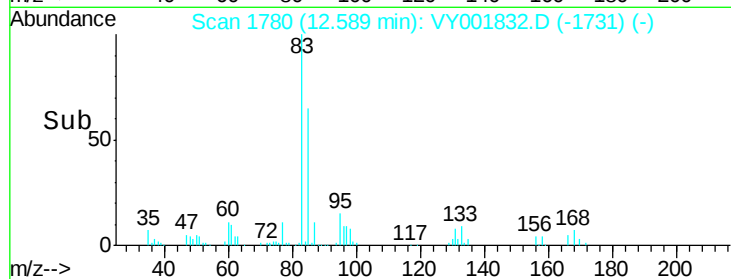
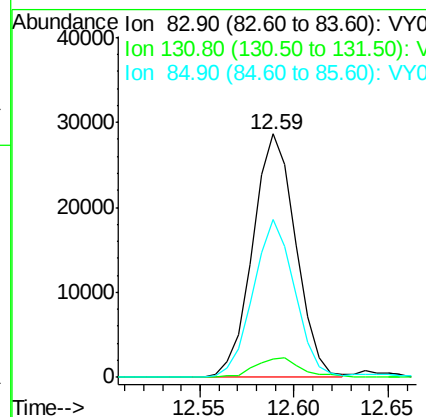
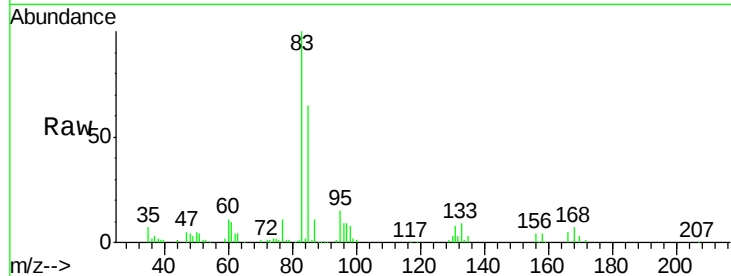
ClientSampleId :

VY0303SBS01

Tot Ion:	83	Resp:	45345
Ion Ratio	Lower	Upper	
83	100		
131	8.7	4.7	14.1
85	62.7	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.936 ug/l m

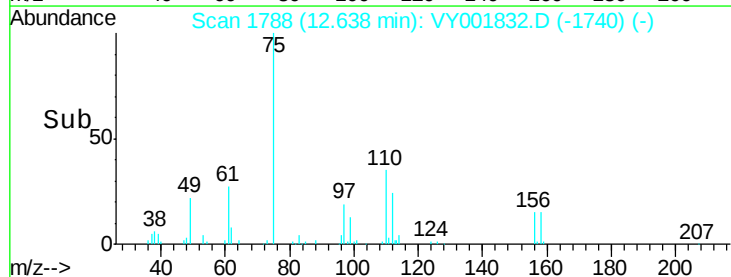
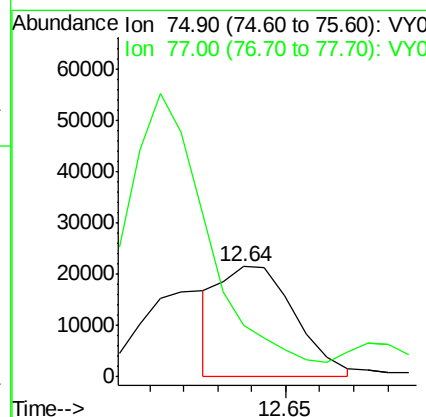
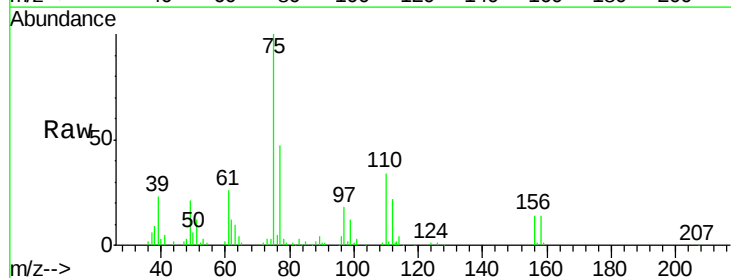
RT: 12.64 min Scan# 1788

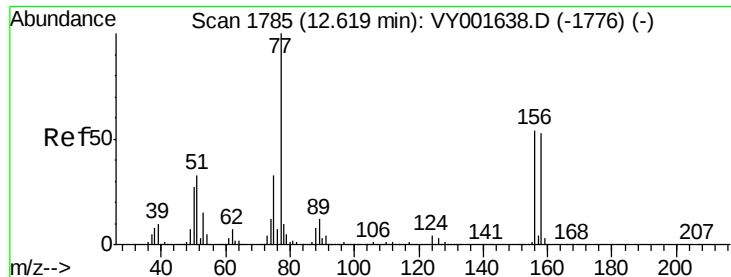
Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion:	75	Resp:	33351
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.875 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

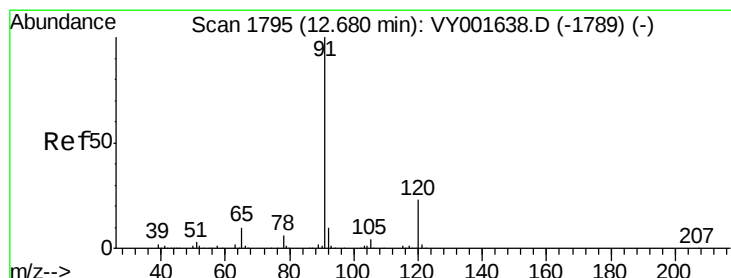
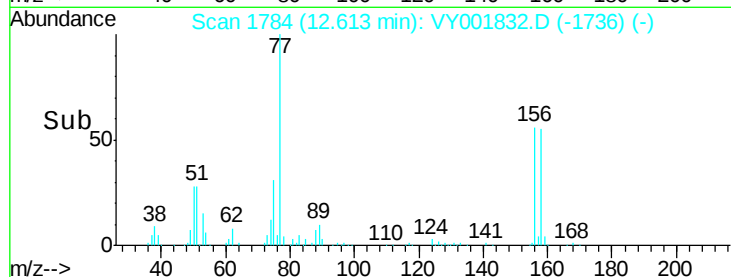
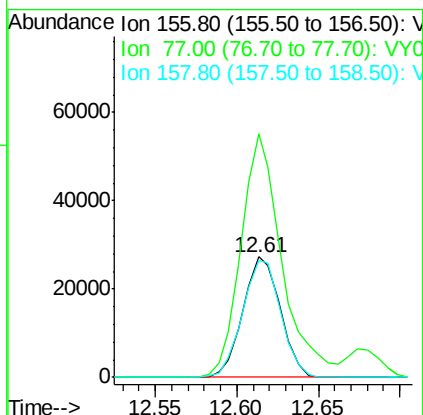
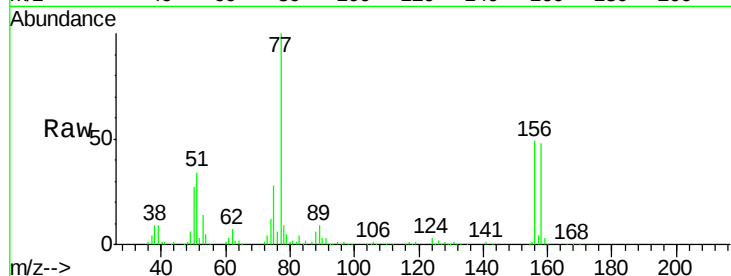
ClientSampleId :

VY0303SBS01

Tot Ion:	156	Resp:	43502
Ion Ratio	Lower	Upper	
156	100		
77	222.4	110.1	330.1
158	99.2	47.9	143.7

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#78

n-propylbenzene

Concen: 21.070 ug/l

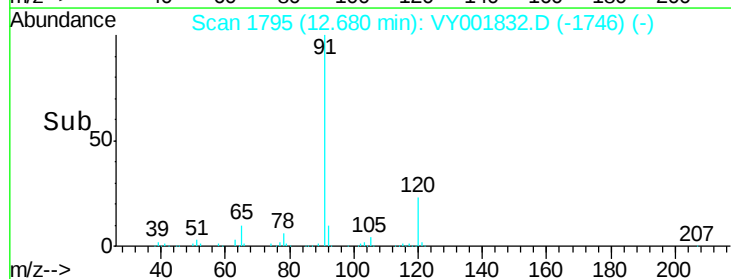
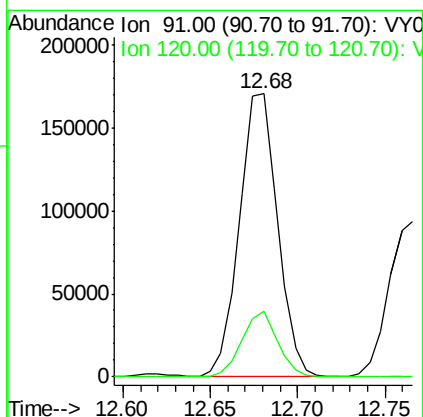
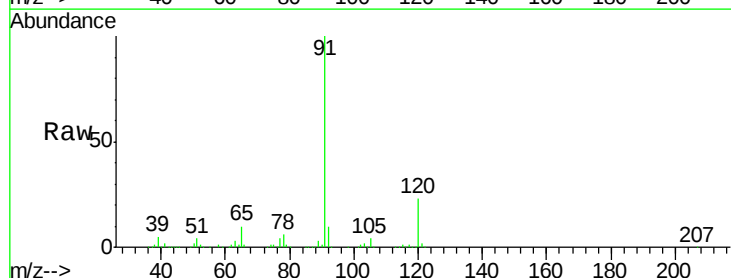
RT: 12.68 min Scan# 1795

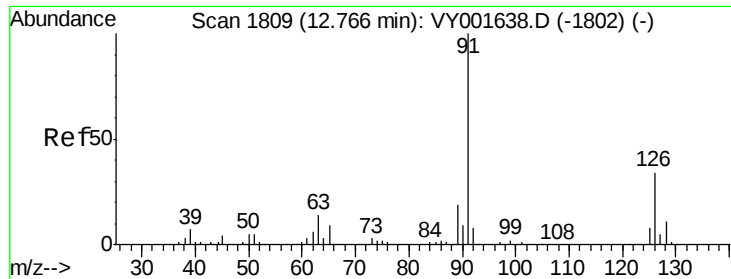
Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion:	91	Resp:	259093
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.1	33.1





#79

2-Chlorotoluene

Concen: 20.816 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBS01

Tot Ion: 91 Resp: 143567

Ion Ratio Lower Upper

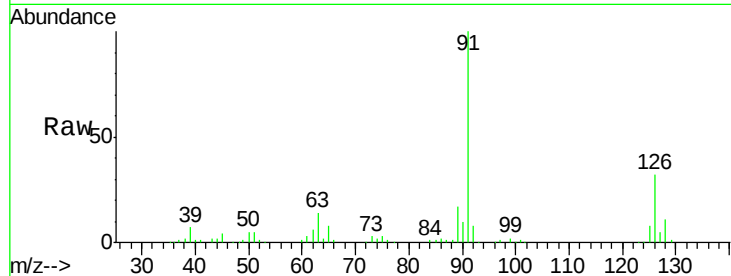
91 100

126 32.8 16.2 48.6

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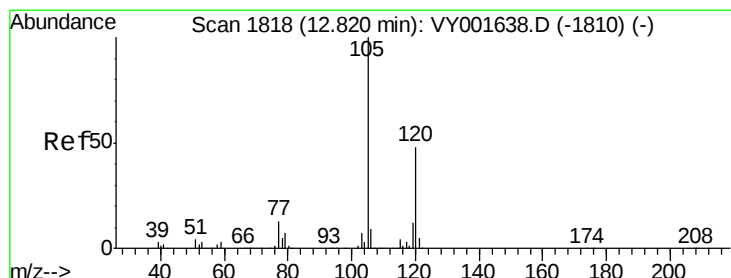
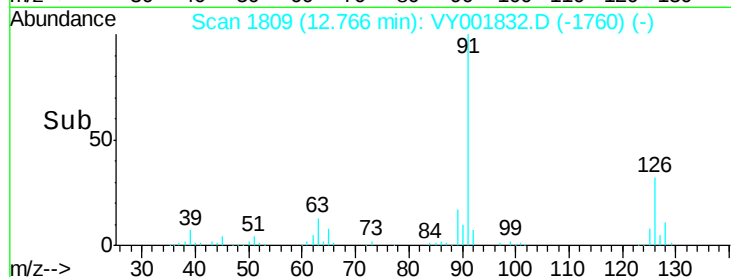
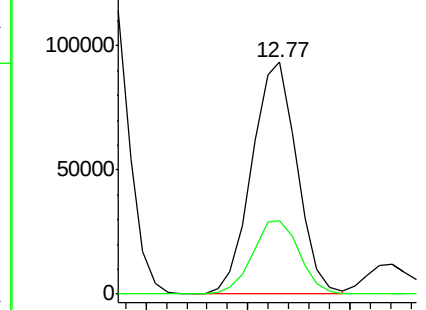
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Abundance Ion 91.00 (90.70 to 91.70): VY001832.D (-1760) (-)

Ion 125.90 (125.60 to 126.60): VY001832.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.961 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001832.D

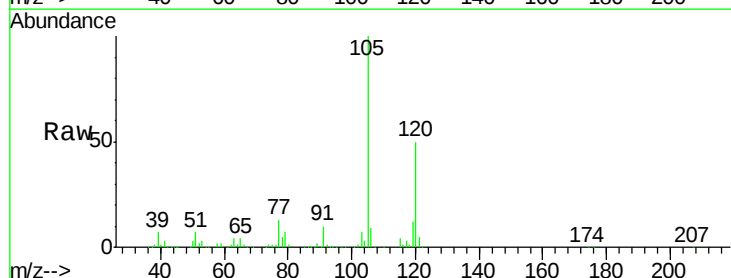
Acq: 03 Mar 2020 14:13

Tgt Ion: 105 Resp: 175191

Ion Ratio Lower Upper

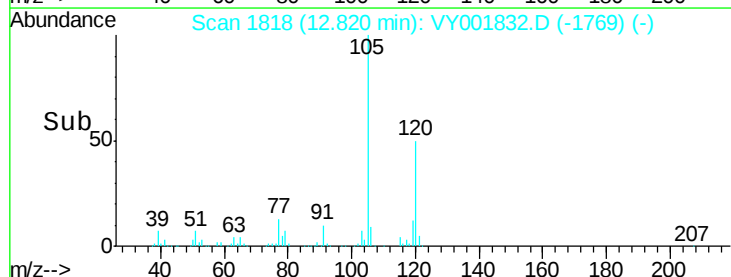
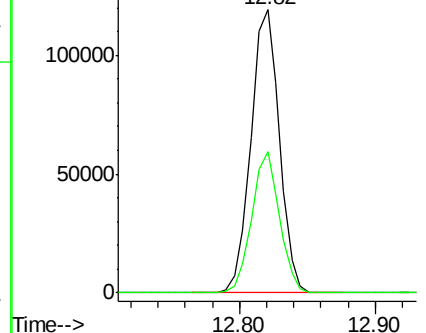
105 100

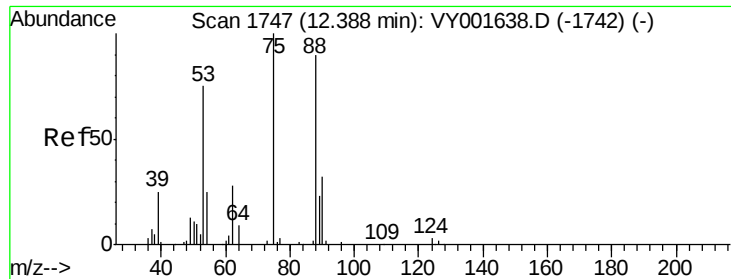
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001832.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001832.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.716 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

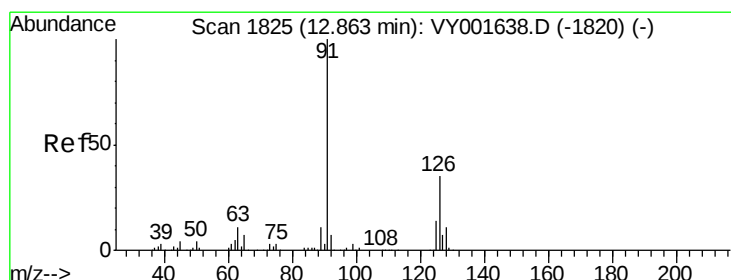
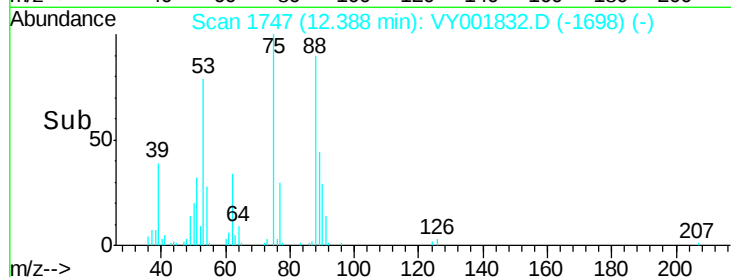
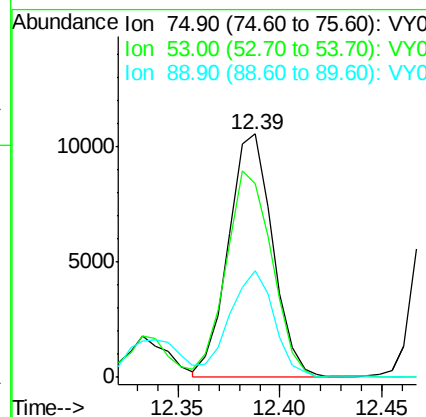
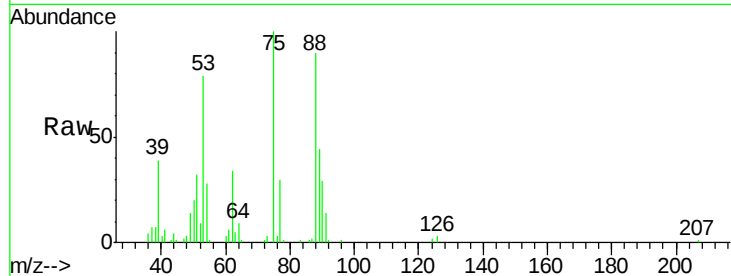
ClientSampleId :

VY0303SBS01

Tot Ion:	75	Resp:	15800
Ion Ratio	Lower	Upper	
75	100		
53	86.9	64.5	96.7
89	44.6	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.749 ug/l

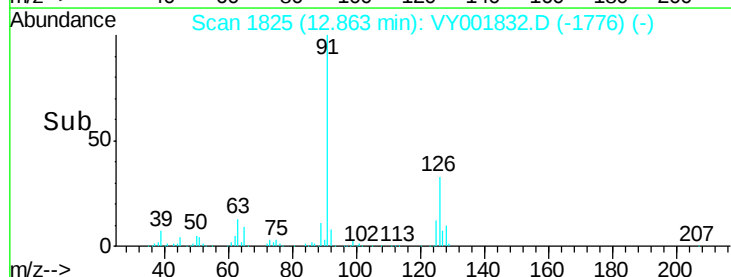
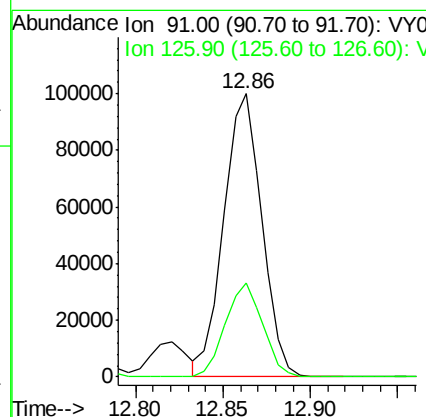
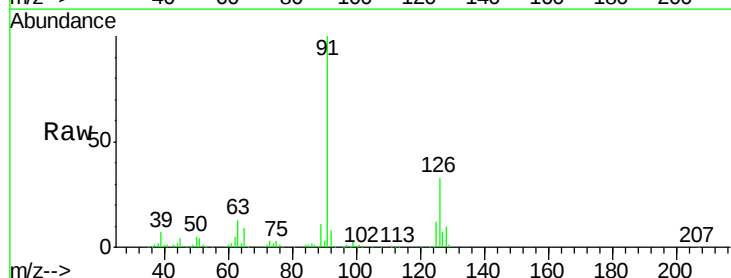
RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion:	91	Resp:	150928
Ion Ratio	Lower	Upper	
91	100		
126	32.7	16.2	48.6





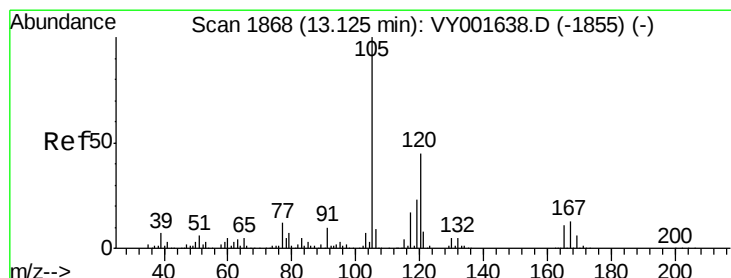
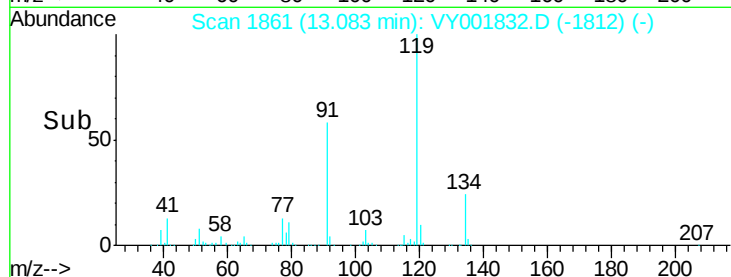
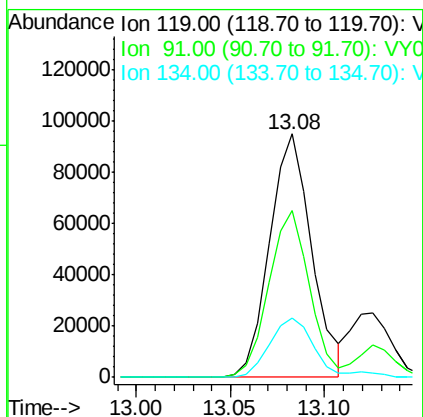
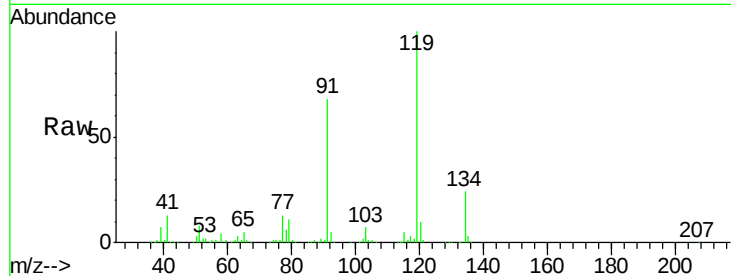
#83
tert-Butylbenzene
Concen: 20.985 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.5	100.5
134	25.2	13.3	39.8

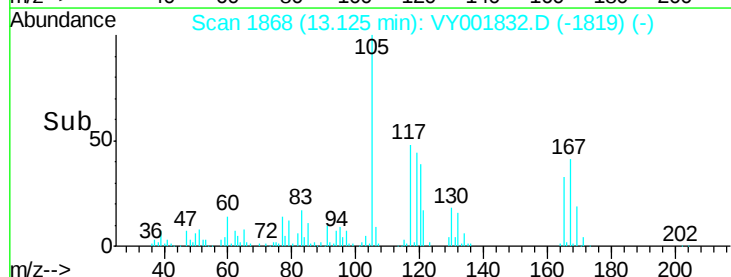
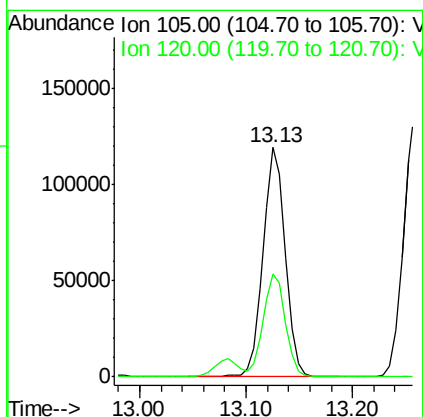
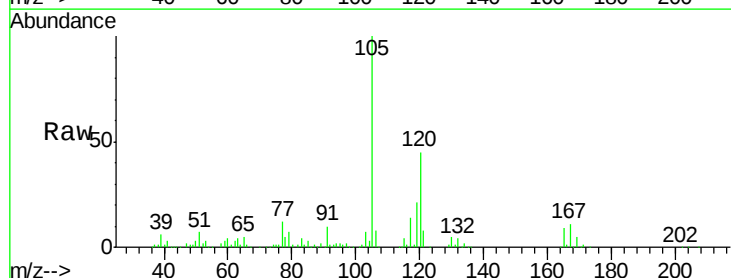
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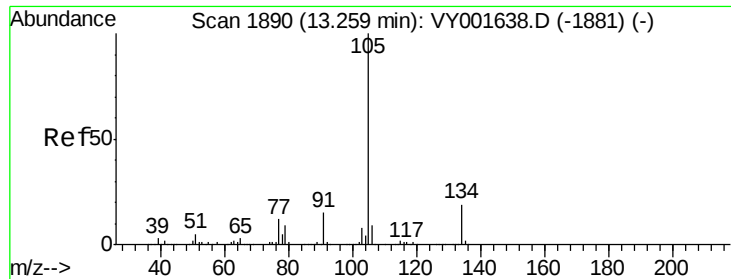
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#84
1,2,4-Trimethylbenzene
Concen: 20.962 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3





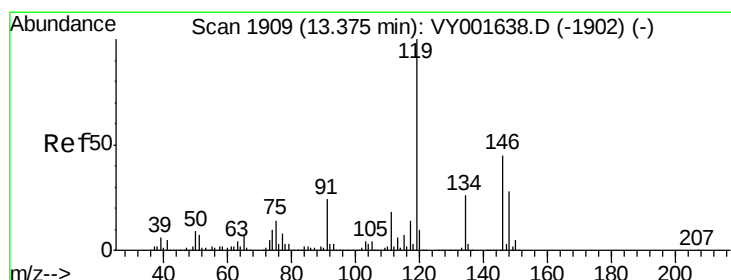
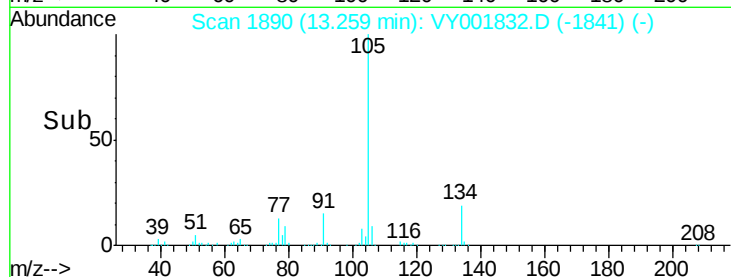
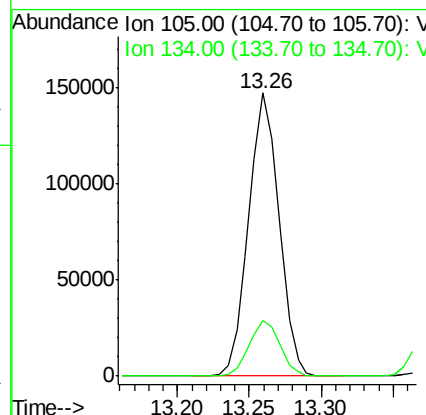
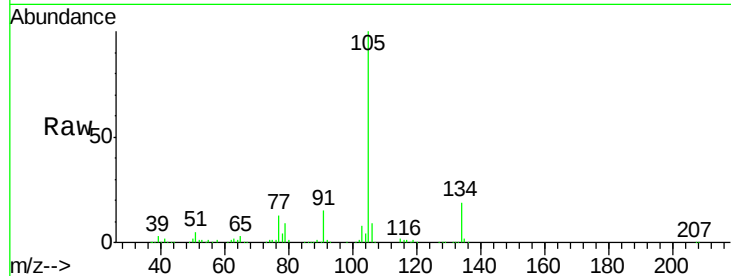
#85
 sec-Butylbenzene
 Concen: 20.963 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.3

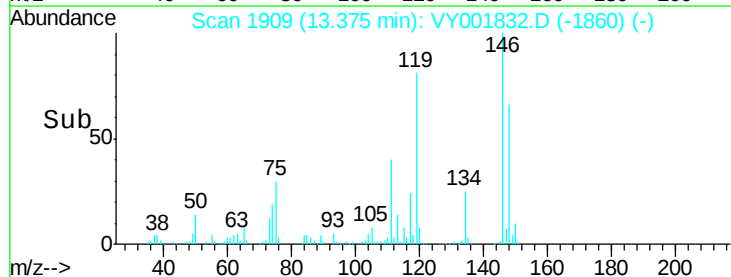
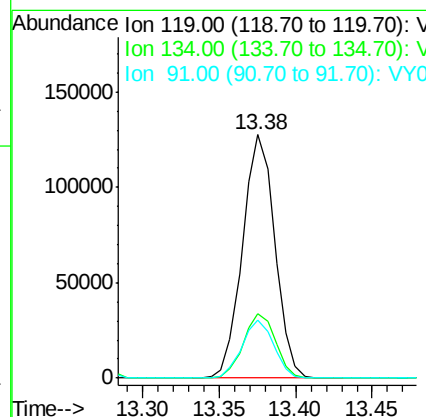
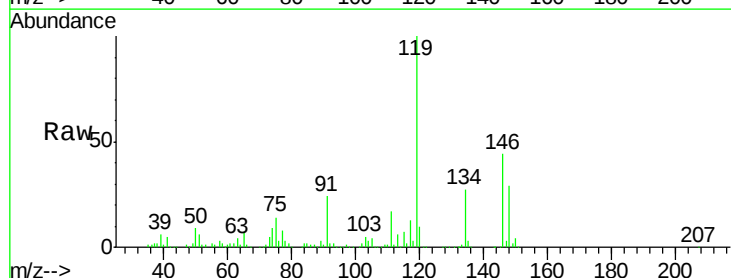
Manual Integrations
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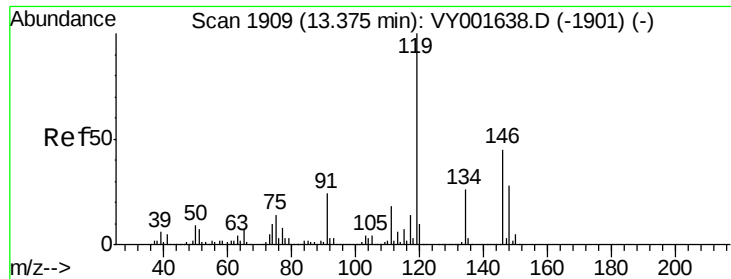
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#86
 p-Isopropyltoluene
 Concen: 20.954 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	39.0
91	23.6	12.2	36.6





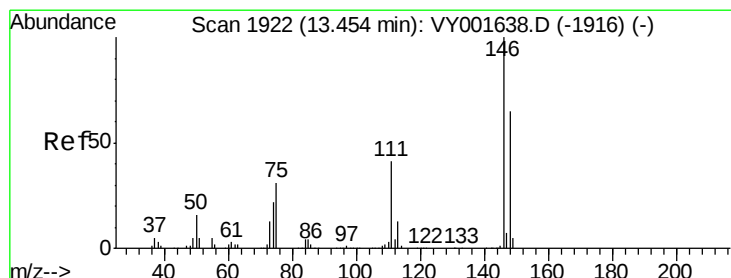
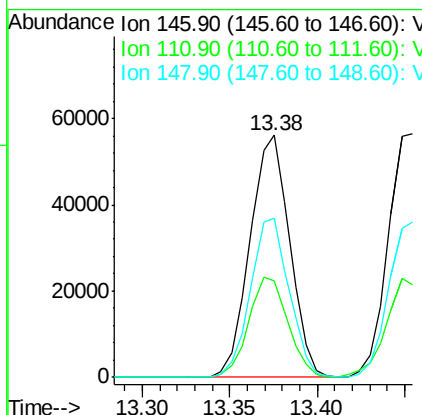
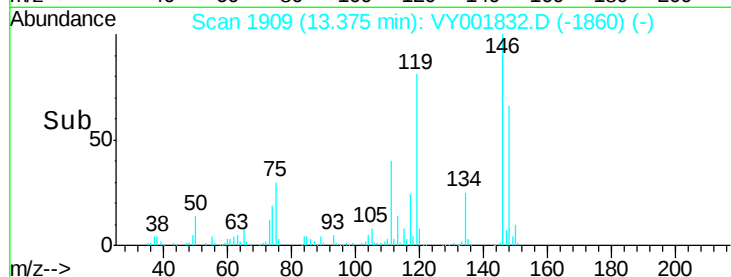
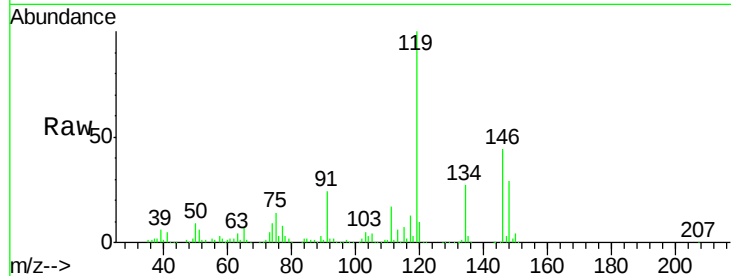
#87
 1,3-Dichlorobenzene
 Concen: 20.840 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	64.4	31.6	94.7

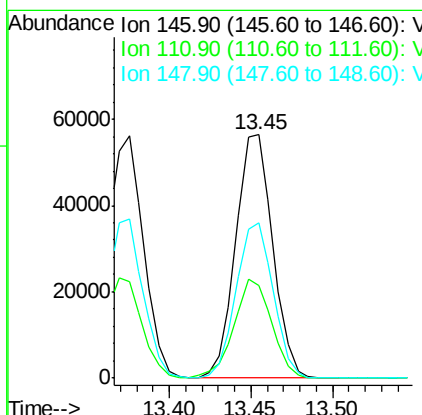
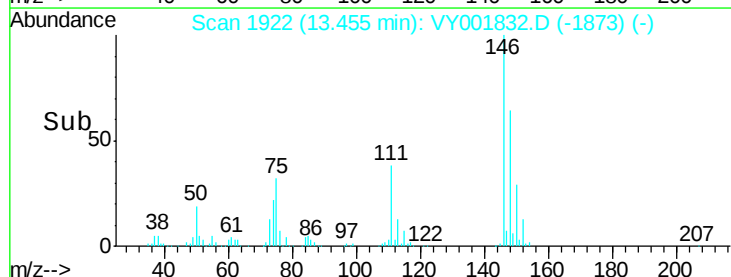
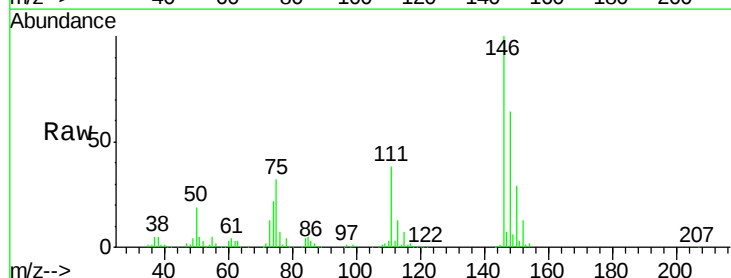
Manual Integrations
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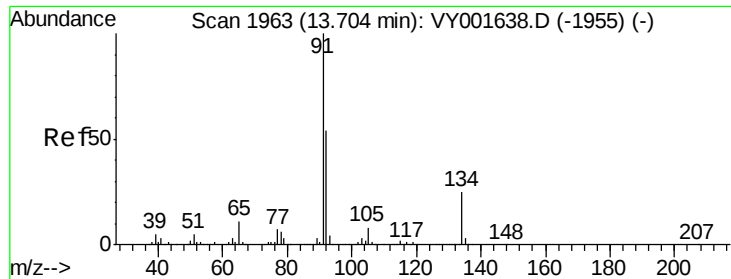
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#88
 1,4-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	63.8	31.6	94.7





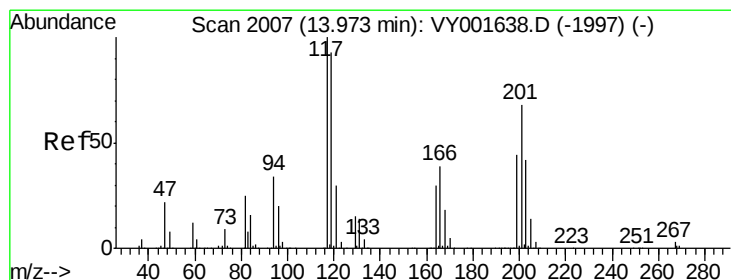
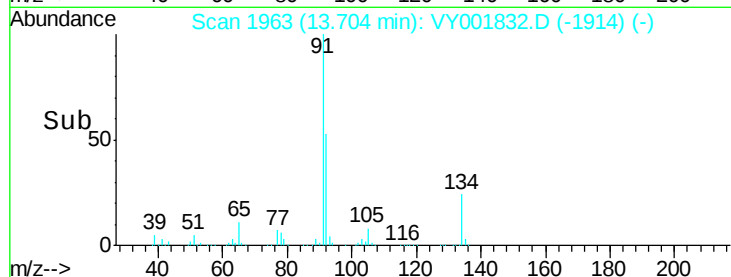
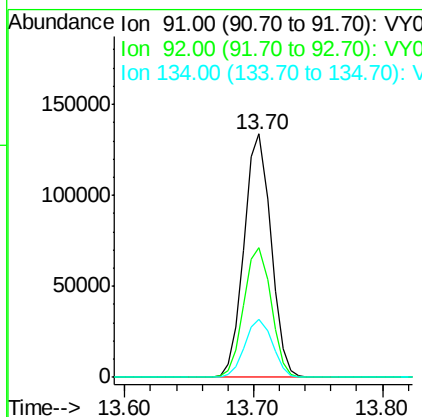
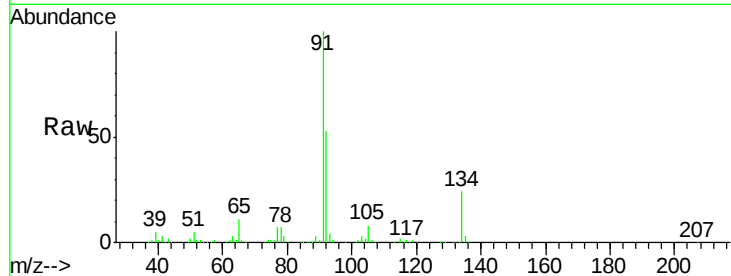
#89
n-Butylbenzene
Concen: 21.109 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	192645		
92	54.4		27.5	82.4
134	24.6		12.4	37.4

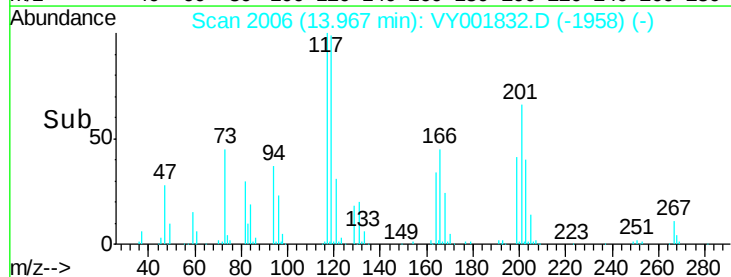
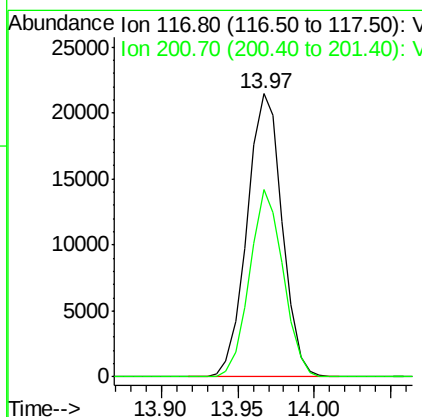
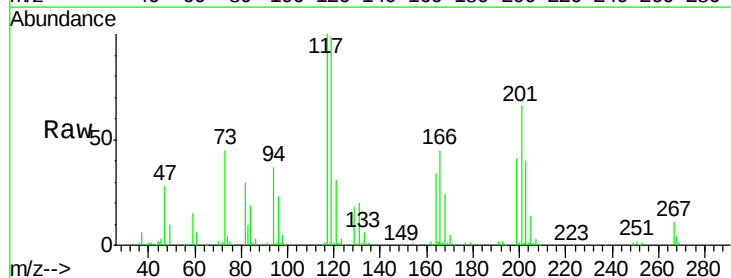
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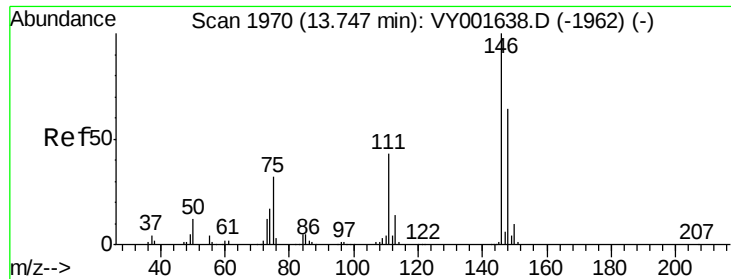
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#90
Hexachloroethane
Concen: 20.375 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001832.D
Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34286		
201	63.1		32.5	97.4





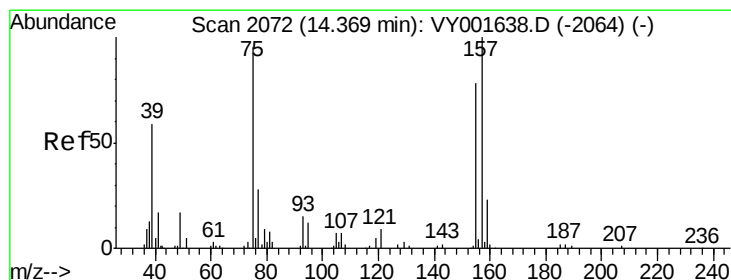
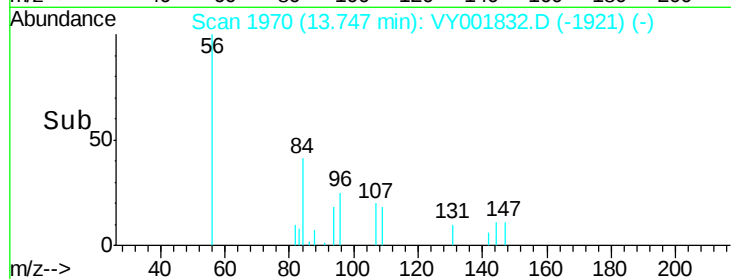
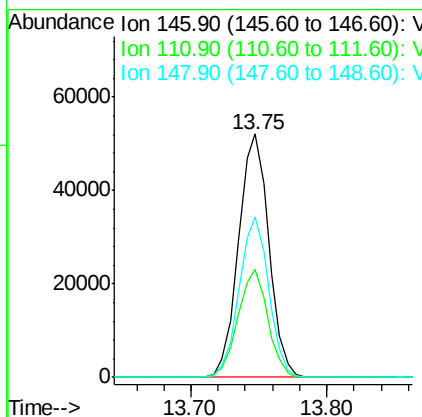
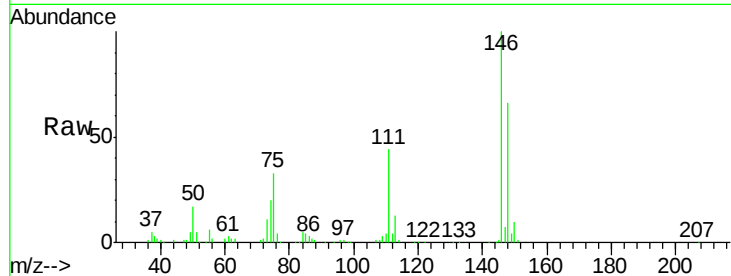
#91
 1,2-Dichlorobenzene
 Concen: 20.641 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.7
148	64.4	31.5	94.5

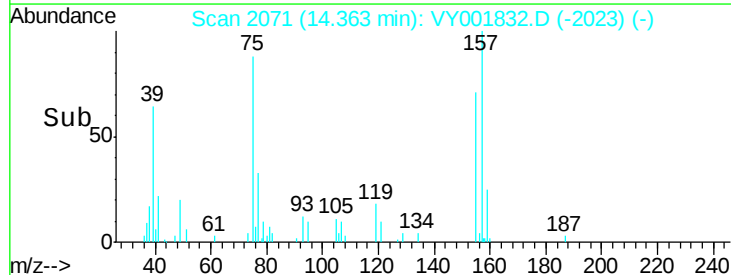
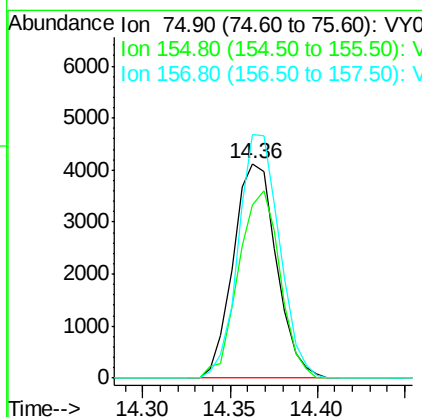
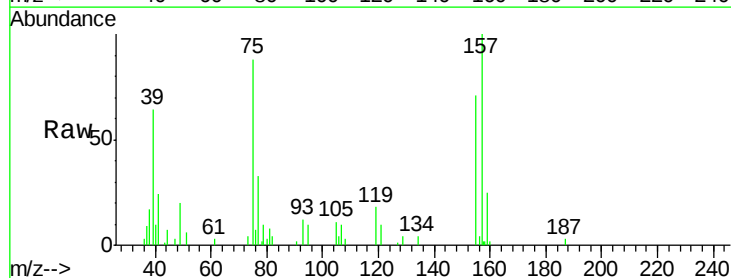
Manual Integrations
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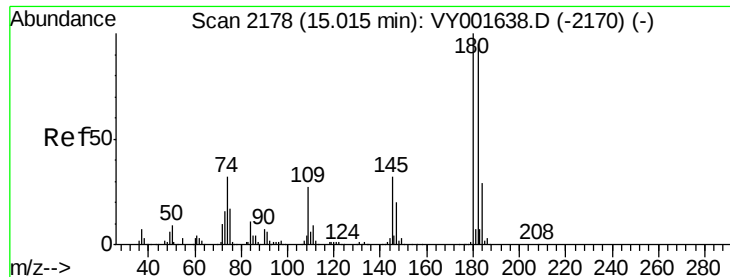
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 3/4/2020 2:02:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.927 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	40.8	122.4
157	107.9	52.1	156.4





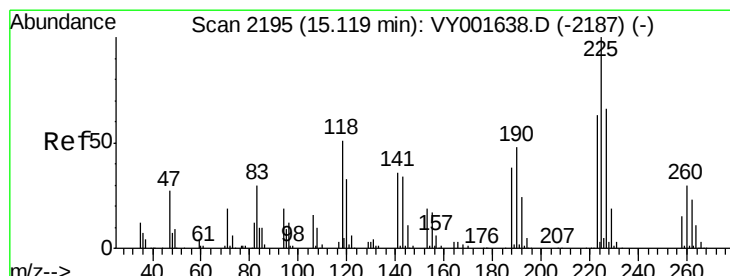
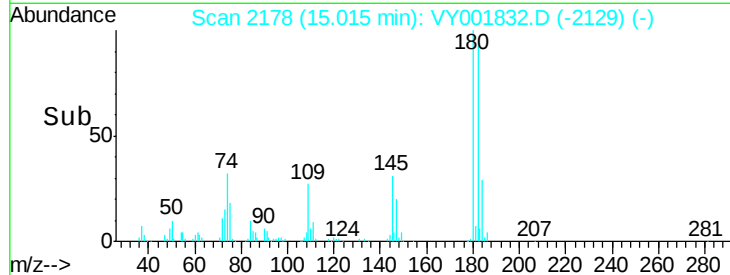
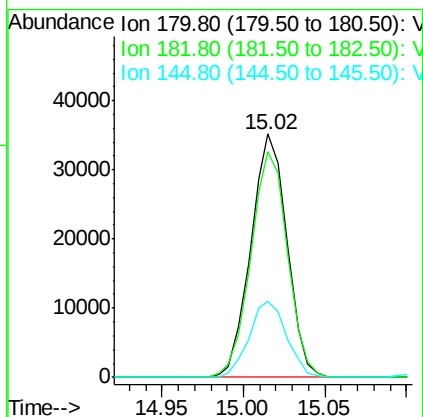
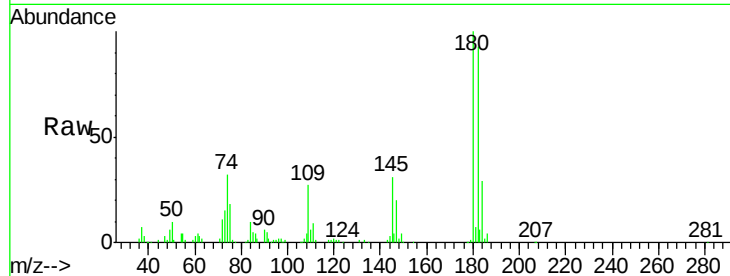
#93
 1,2,4-Trichlorobenzene
 Concen: 20.883 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.8	140.3
145	32.5	16.2	48.5

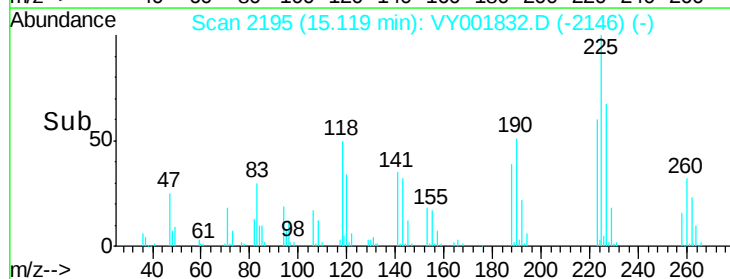
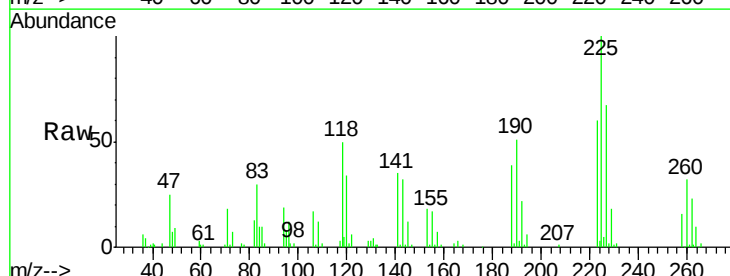
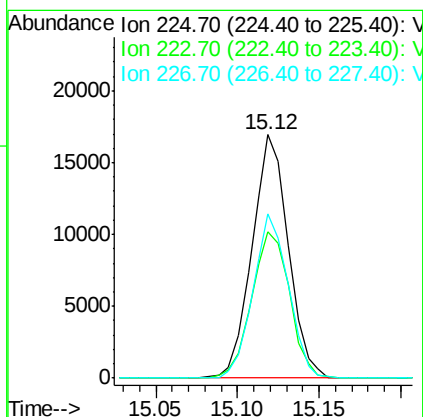
Manual Integrations
 APPROVED

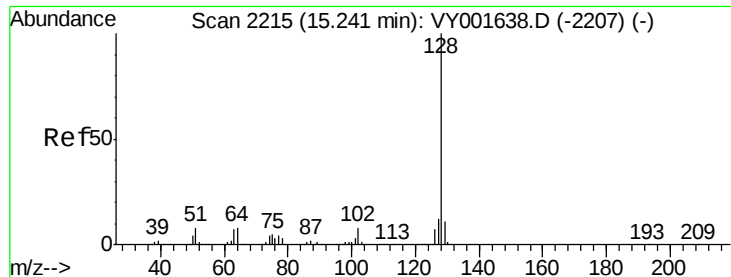
MMDadoda
 3/4/2020 2:02:11 PM



#94
 Hexachlorobutadiene
 Concen: 20.206 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001832.D
 Acq: 03 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.0
227	65.7	31.6	94.8





#95

Naphthalene

Concen: 21.096 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Instrument :

MSVOA_Y

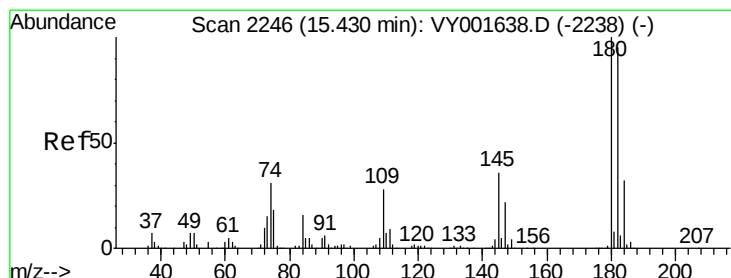
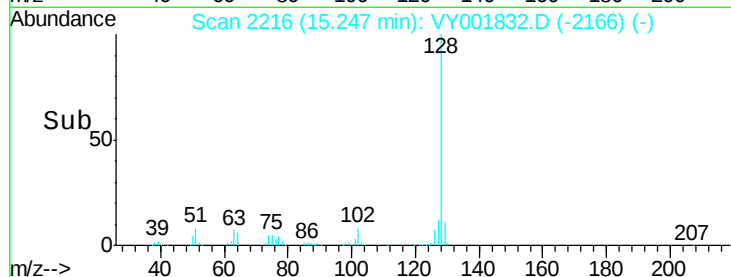
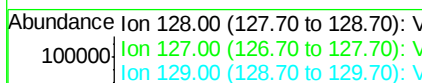
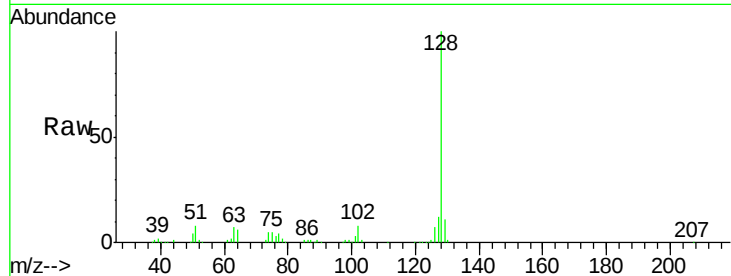
ClientSampleId :

VY0303SBS01

Tot Ion:	128	Resp:	126272
Ion Ratio	Lower	Upper	
128	100		
127	12.4	9.9	14.9
129	11.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/4/2020 2:02:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.934 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY001832.D

Acq: 03 Mar 2020 14:13

Tgt Ion:	180	Resp:	47811
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.2	141.6
145	33.6	17.3	52.0

