

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001399.D
 Acq On : 27 Jan 2020 12:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 1/28/2020 3:40:27 PM

Quant Time: Jan 27 13:58:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	201120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	351705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	316000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	150502	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	115383	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.75	113	105484	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.19	98	437616	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.49	95	167184	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	80206	50.570	ug/l	100
3) Chloromethane	2.13	50	122348	51.040	ug/l	97
4) Vinyl Chloride	2.27	62	121261	48.514	ug/l	97
5) Bromomethane	2.66	94	77601	46.099	ug/l	97
6) Chloroethane	2.82	64	78268	49.005	ug/l	98
7) Trichlorofluoromethane	3.15	101	162853	50.923	ug/l	99
8) Diethyl Ether	3.55	74	64758	47.969	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	107087	52.581	ug/l	100
10) Methyl Iodide	4.12	142	129949	48.378	ug/l	100
11) Tert butyl alcohol	5.00	59	59625	213.916	ug/l	99
12) 1,1-Dichloroethene	3.90	96	105530	49.420	ug/l	93
13) Acrolein	3.76	56	43825	271.082	ug/l	98
14) Allyl chloride	4.51	41	190372	49.992	ug/l	99
15) Acrylonitrile	5.20	53	175026	253.280	ug/l	100
16) Acetone	3.97	43	162321	282.547	ug/l	97
17) Carbon Disulfide	4.22	76	320404	47.708	ug/l	100
18) Methyl Acetate	4.50	43	89581	48.539	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	311385	49.802	ug/l	99
20) Methylene Chloride	4.75	84	124223	45.593	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	121648	49.043	ug/l	99
22) Diisopropyl ether	6.15	45	401134	49.606	ug/l	97
23) Vinyl Acetate	6.10	43	1339076	255.075	ug/l	100
24) 1,1-Dichloroethane	6.05	63	213025	49.979	ug/l	98
25) 2-Butanone	7.02	43	244478	256.658	ug/l	99
26) 2,2-Dichloropropane	7.02	77	187400	49.359	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	138373	49.916	ug/l	99
28) Bromochloromethane	7.36	49	97994	55.749	ug/l	99
29) Tetrahydrofuran	7.38	42	154959	250.050	ug/l	99
30) Chloroform	7.53	83	211367	50.593	ug/l	98
31) Cyclohexane	7.81	56	210786	49.809	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	182539	51.747	ug/l	99
36) 1,1-Dichloropropene	7.94	75	170789	51.400	ug/l	99
37) Ethyl Acetate	7.10	43	103679	51.071	ug/l	100
38) Carbon Tetrachloride	7.92	117	155646	52.560	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	222684	52.315	ug/l	98
40) Benzene	8.18	78	506033	50.792	ug/l	99
41) Methacrylonitrile	7.34	41	49665m	47.408	ug/l	
42) 1,2-Dichloroethane	8.26	62	143637	51.597	ug/l	100
43) Isopropyl Acetate	8.29	43	206689	52.360	ug/l	99
44) Trichloroethene	8.96	130	130125	50.897	ug/l	100
45) 1,2-Dichloropropane	9.23	63	129967	51.603	ug/l	99
46) Dibromomethane	9.32	93	69193	51.174	ug/l	98
47) Bromodichloromethane	9.51	83	167408	51.793	ug/l	100
48) Methyl methacrylate	9.31	41	92727	51.672	ug/l	98
49) 1,4-Dioxane	9.31	88	20205	1059.663	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	534870	263.107	ug/l	100
52) Toluene	10.25	92	326403	51.683	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	190136	53.072	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	214750	52.224	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	103226	51.724	ug/l	98
56) Ethyl methacrylate	10.52	69	158599	52.580	ug/l	98
57) 1,3-Dichloropropane	10.80	76	182665	52.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	234305	224.483	ug/l	100
59) 2-Hexanone	10.84	43	386821	273.324	ug/l	99
60) Dibromochloromethane	10.99	129	117671	52.718	ug/l	99
61) 1,2-Dibromoethane	11.10	107	99495	52.737	ug/l	99
64) Tetrachloroethene	10.73	164	102451	50.756	ug/l	96
65) Chlorobenzene	11.52	112	333051	50.001	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	117833	51.838	ug/l	99
67) Ethyl Benzene	11.60	91	630058	51.328	ug/l	99
68) m/p-Xylenes	11.70	106	471768	102.902	ug/l	100
69) o-Xylene	12.03	106	223973	50.783	ug/l	99
70) Styrene	12.05	104	399201	51.588	ug/l	100
71) Bromoform	12.22	173	70709	52.110	ug/l #	100
73) Isopropylbenzene	12.33	105	614775	51.767	ug/l	99
74) N-amyl acetate	12.15	43	202833	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	133645	52.546	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	96535m	53.230	ug/l	
77) Bromobenzene	12.61	156	133256	50.660	ug/l	98
78) n-propylbenzene	12.68	91	751070	52.543	ug/l	99
79) 2-Chlorotoluene	12.76	91	423276	51.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	519820	52.438	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	51580	53.822	ug/l	96
82) 4-Chlorotoluene	12.86	91	450021	51.592	ug/l	100
83) tert-Butylbenzene	13.08	119	442843	52.997	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	513033	51.549	ug/l	100
85) sec-Butylbenzene	13.26	105	633025	53.321	ug/l	100
86) p-Isopropyltoluene	13.38	119	550712	52.639	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	260330	51.389	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	263698	51.267	ug/l	99
89) n-Butylbenzene	13.70	91	562145	53.389	ug/l	99
90) Hexachloroethane	13.97	117	107791	54.354	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	238362	51.020	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22649	51.606	ug/l	99

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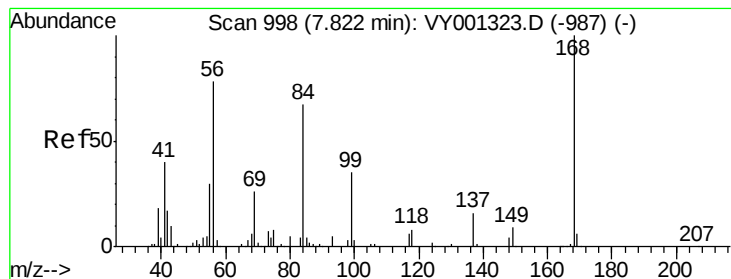
Manual Integrations
APPROVED

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1/28/2020 3:40:27 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	155393	49.557	ug/l	100
94) Hexachlorobutadiene	15.12	225	77268	50.608	ug/l	98
95) Naphthalene	15.24	128	373298	52.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	136138	49.493	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 201120

Ion Ratio Lower Upper

168 100

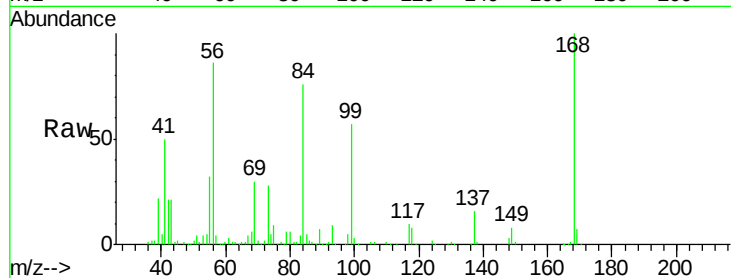
99 56.8 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

100000

80000

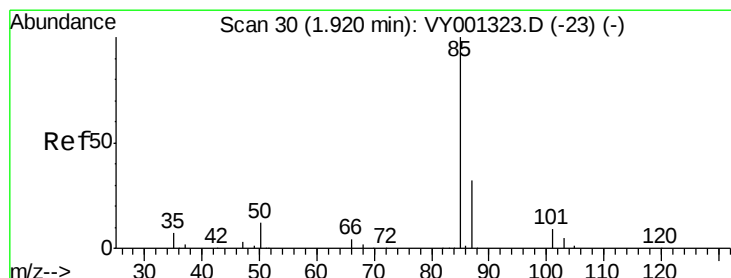
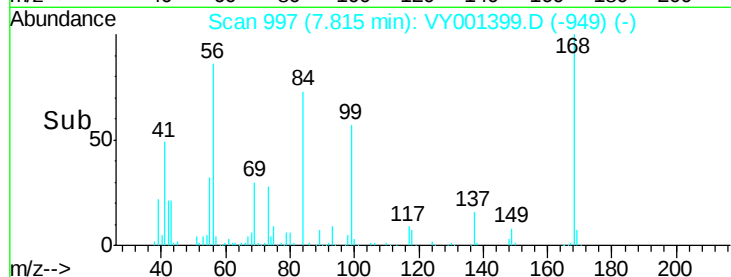
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.570 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001399.D

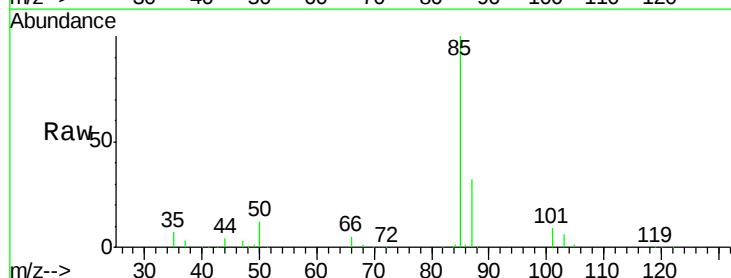
Acq: 27 Jan 2020 12:20

Tgt Ion: 85 Resp: 80206

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.91

60000

50000

40000

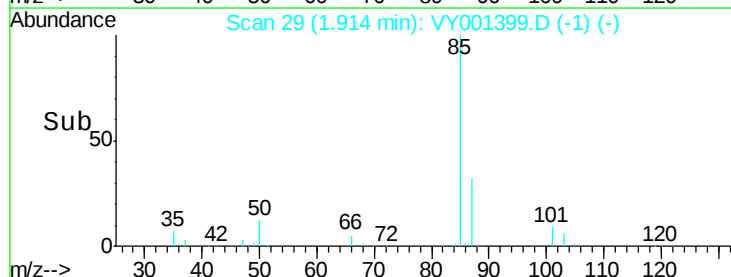
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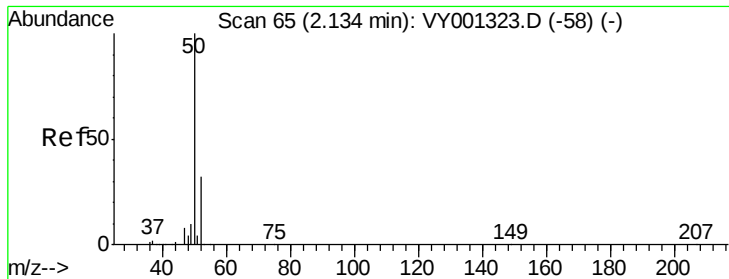
20000

10000

0

Time-->





#3

Chloromethane

Concen: 51.040 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 122348

Ion Ratio Lower Upper

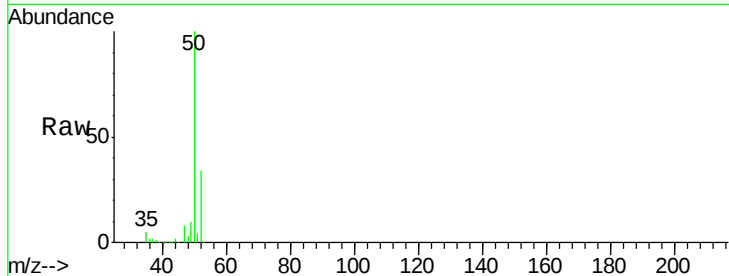
50 100

52 33.5 25.7 38.5

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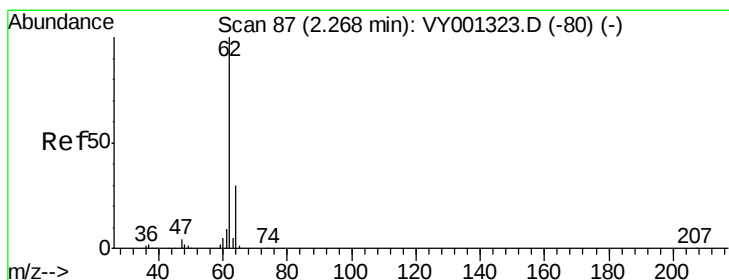
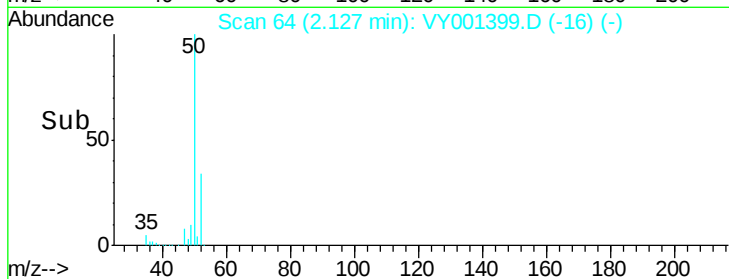
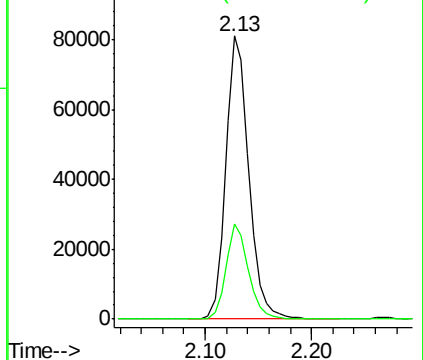
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.514 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001399.D

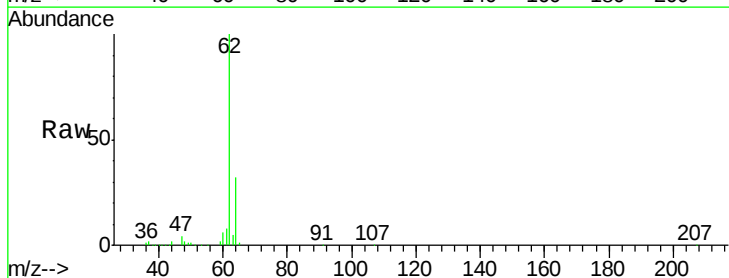
Acq: 27 Jan 2020 12:20

Tgt Ion: 62 Resp: 121261

Ion Ratio Lower Upper

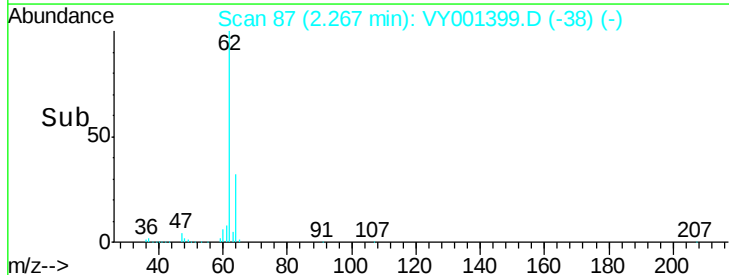
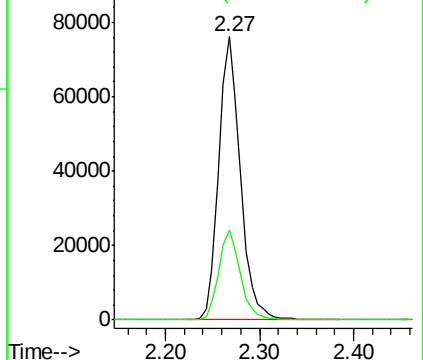
62 100

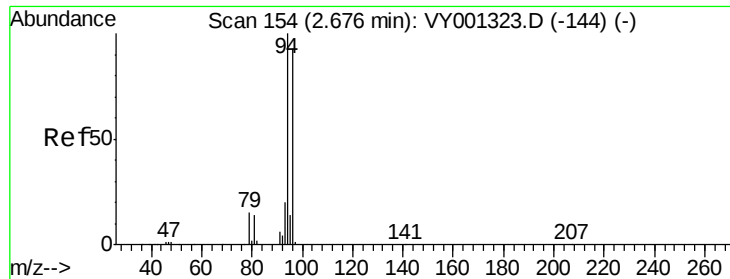
64 31.8 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.099 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 77601

Ion Ratio Lower Upper

94 100

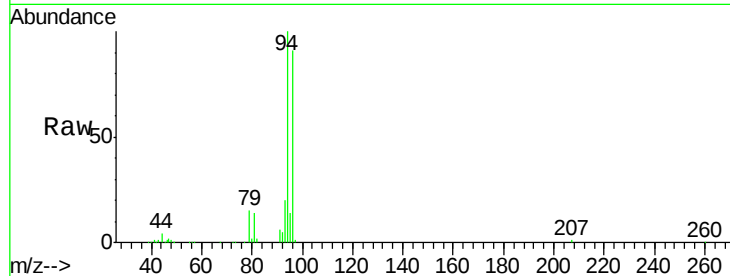
96 90.6 74.6 111.8

Manual Integrations

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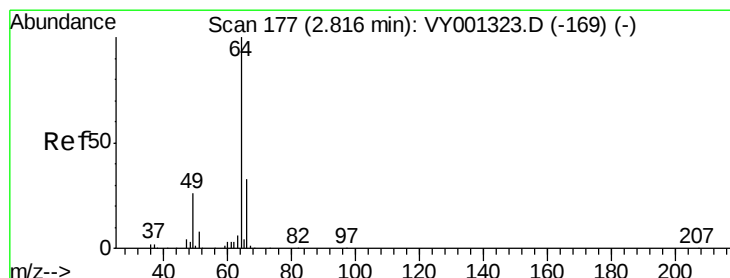
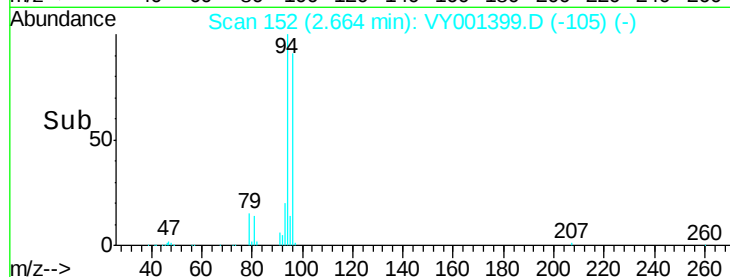
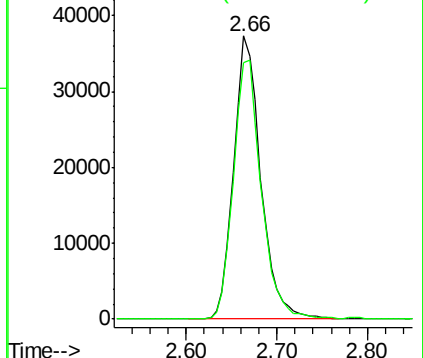
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.005 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001399.D

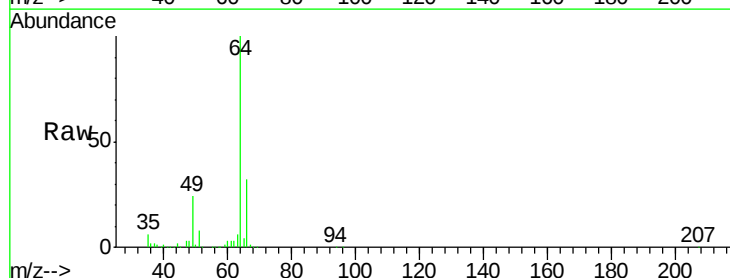
Acq: 27 Jan 2020 12:20

Tgt Ion: 64 Resp: 78268

Ion Ratio Lower Upper

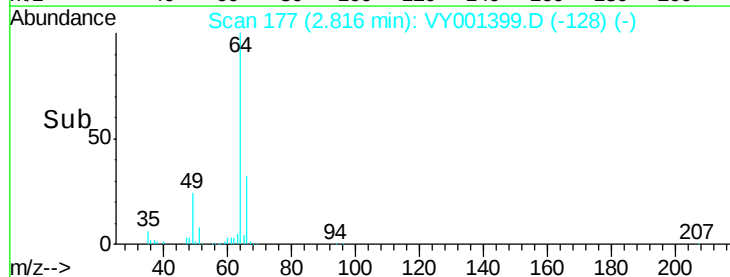
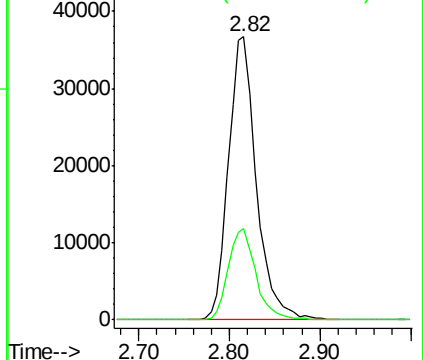
64 100

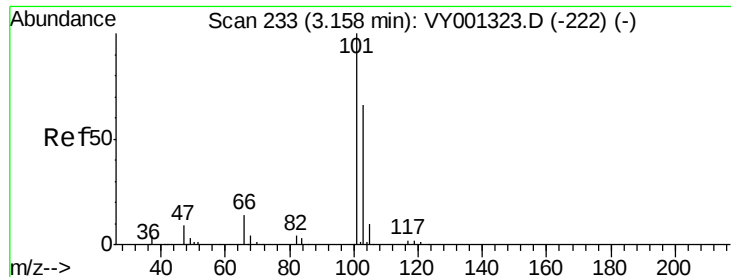
66 32.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

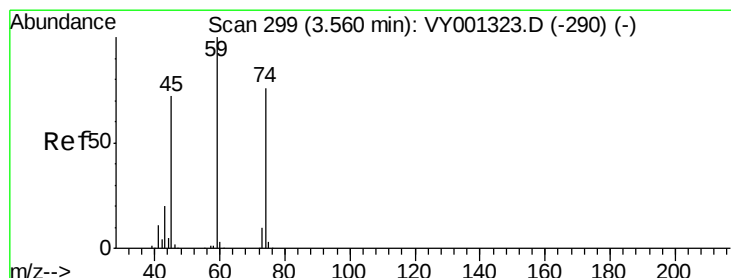
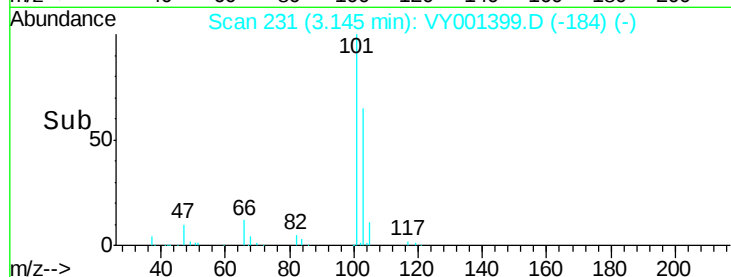
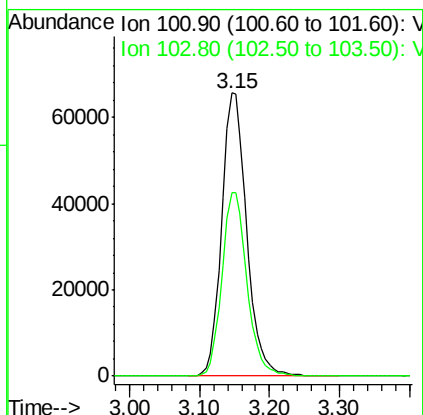
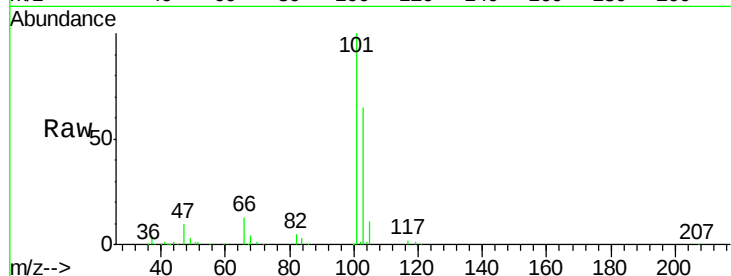
Trichlorofluoromethane
 Concen: 50.923 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.5	78.7

Manual Integrations
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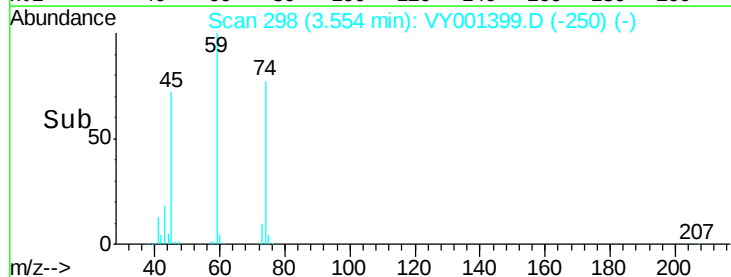
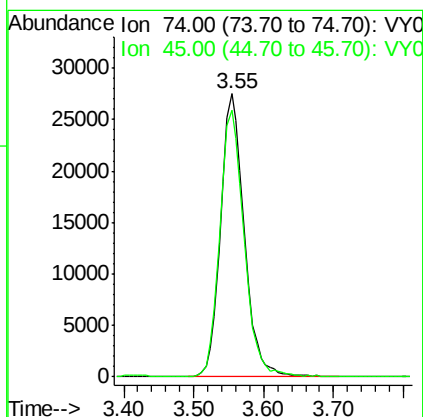
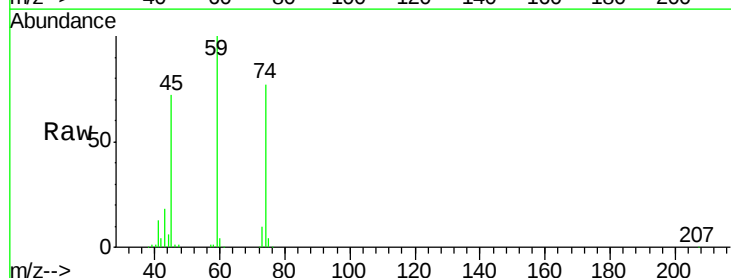
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#8

Diethyl Ether
 Concen: 47.969 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	47.2	141.6





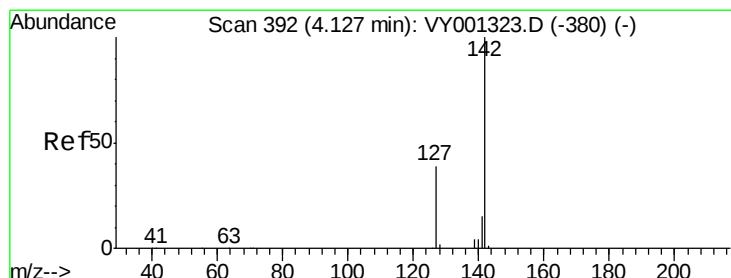
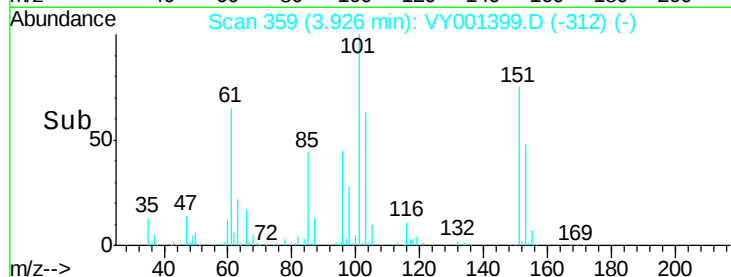
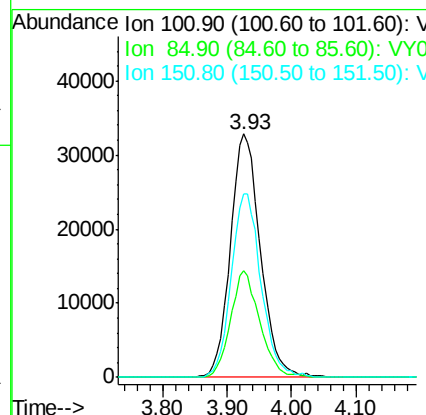
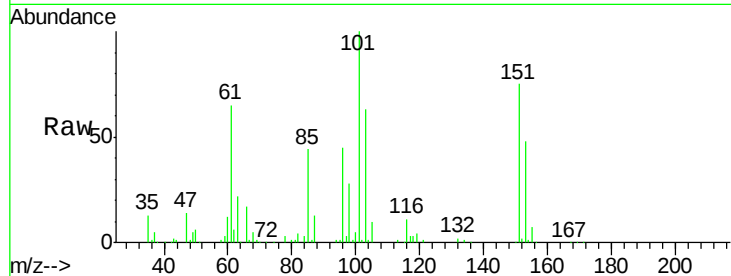
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.581 ug/l
 RT: 3.93 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	107087		
85	42.9		34.9	52.3
151	74.8		59.9	89.9

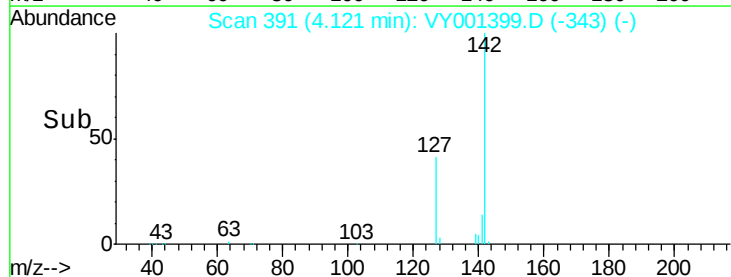
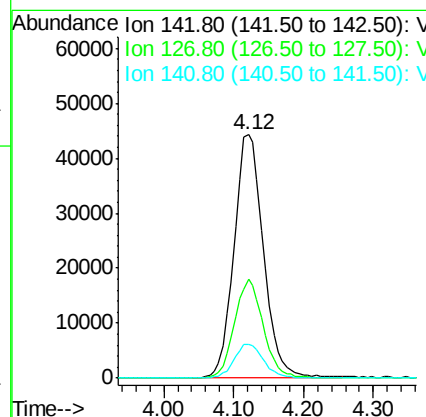
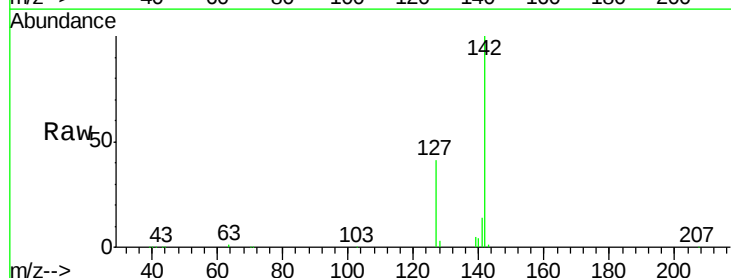
Manual Integrations
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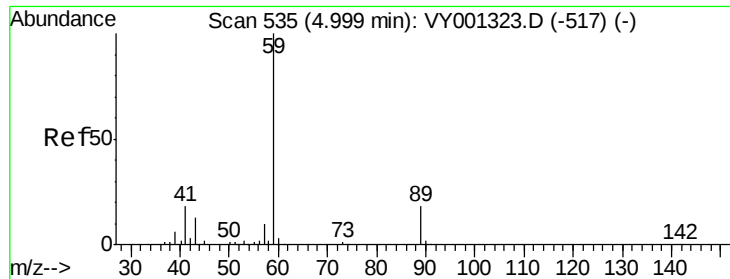
MMDadoda
 1/28/2020 3:40:27 PM



#10
 Methyl Iodide
 Concen: 48.378 ug/l
 RT: 4.12 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	129949		
127	39.8		31.6	47.4
141	14.0		11.2	16.8





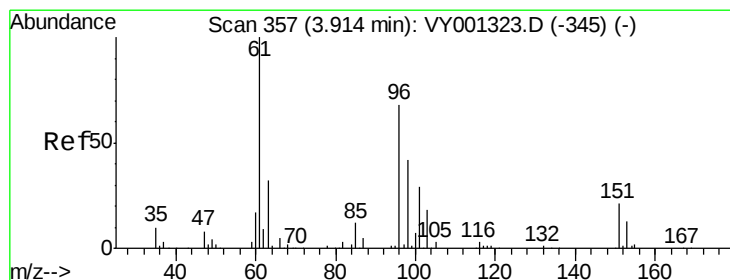
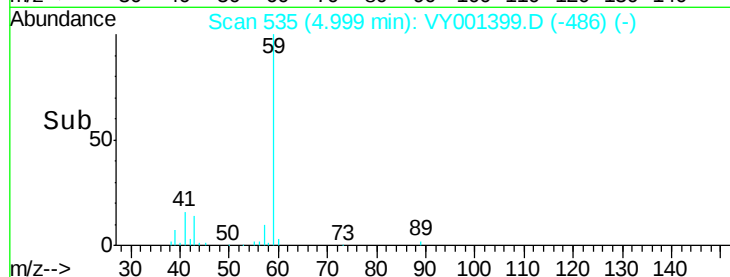
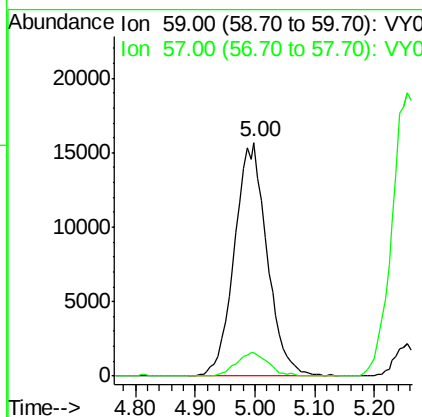
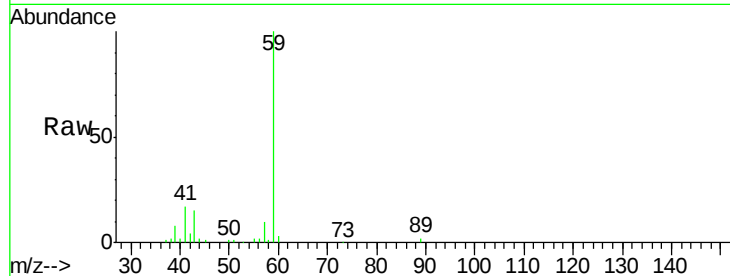
#11
Tert butyl alcohol
Concen: 213.916 ug/l
RT: 5.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	59625
Ion Ratio	100	Lower	Upper
57	9.8	7.4	11.2

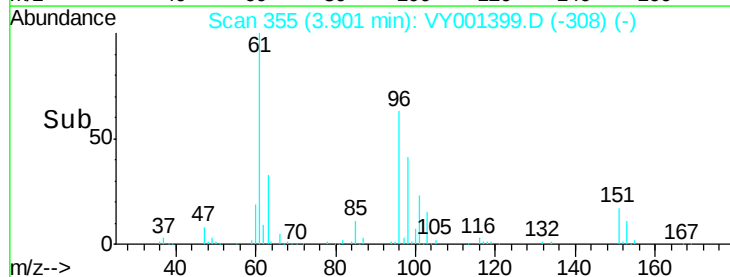
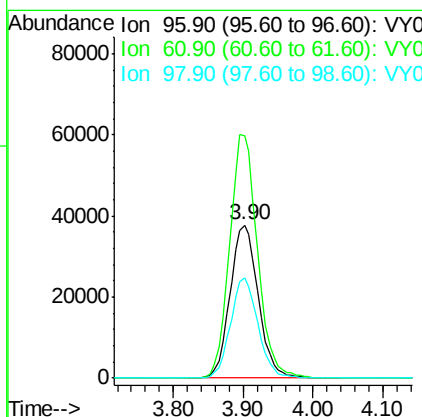
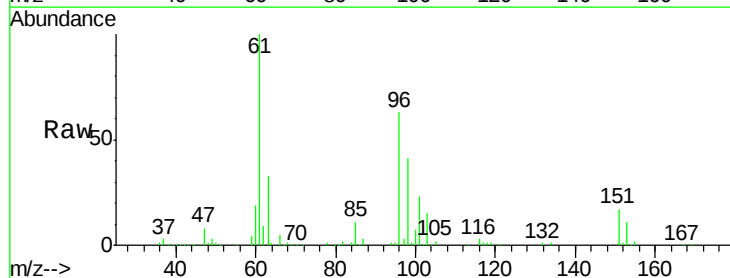
Manual Integrations
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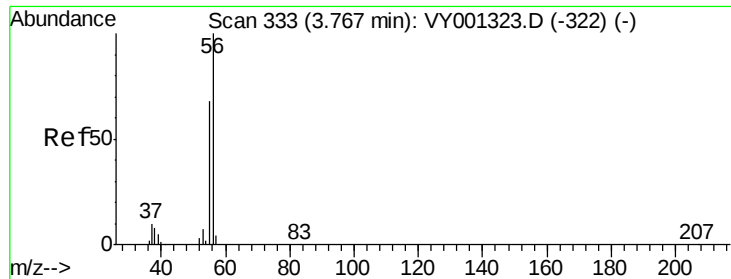
MMDadoda
1/28/2020 3:40:27 PM



#12
1,1-Dichloroethene
Concen: 49.420 ug/l
RT: 3.90 min Scan# 355
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	96	Resp	105530
Ion Ratio	100	Lower	Upper
61	158.4	118.0	177.0
98	65.3	49.4	74.2





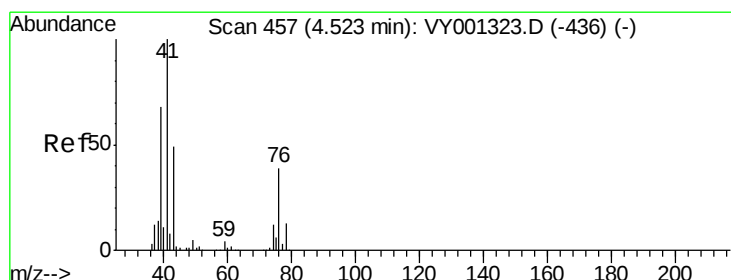
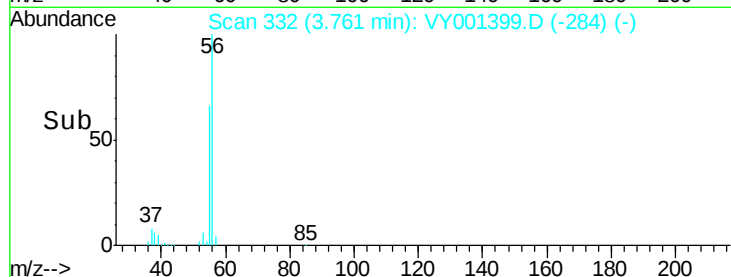
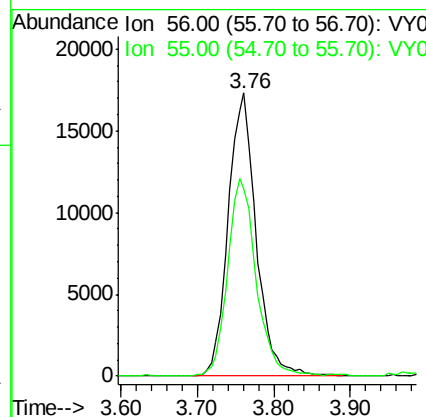
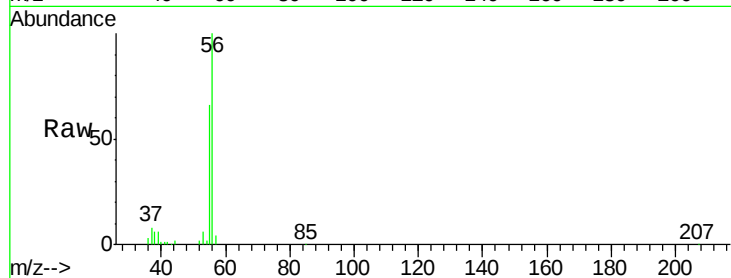
#13
 Acrolein
 Concen: 271.082 ug/l
 RT: 3.76 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	56	Resp	43825
Ion Ratio	Lower	Upper	
56	100		
55	71.3	55.9	83.9

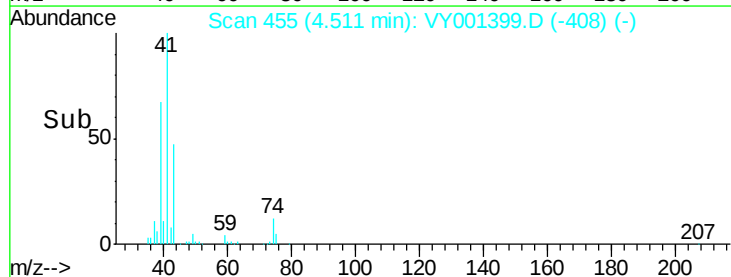
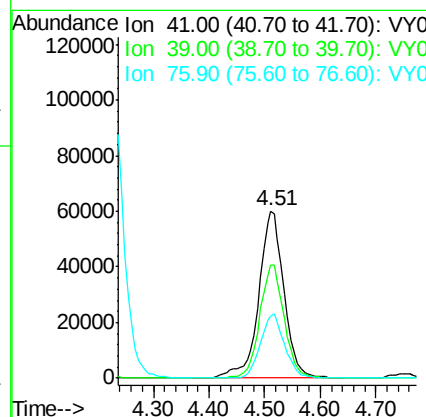
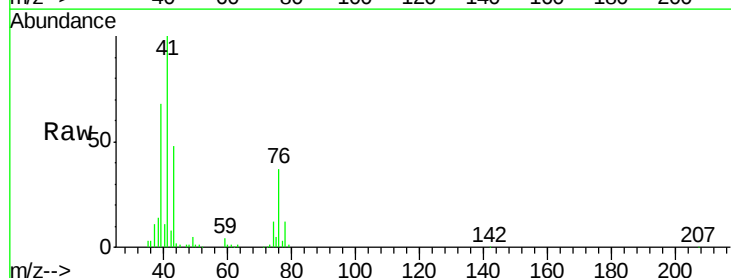
Manual Integrations
 APPROVED

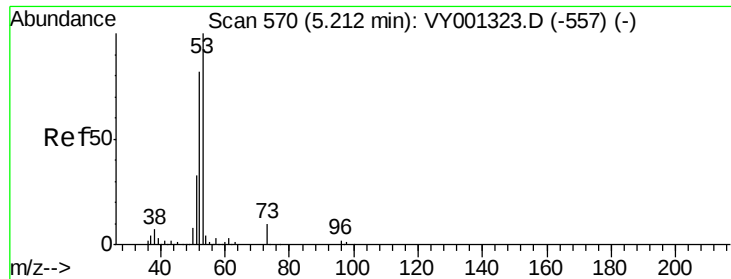
MMDadoda
 1/28/2020 3:40:27 PM



#14
 Allyl chloride
 Concen: 49.992 ug/l
 RT: 4.51 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	41	Resp	190372
Ion Ratio	Lower	Upper	
41	100		
39	65.8	52.2	78.4
76	36.6	29.1	43.7





#15

Acrylonitrile

Concen: 253.280 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

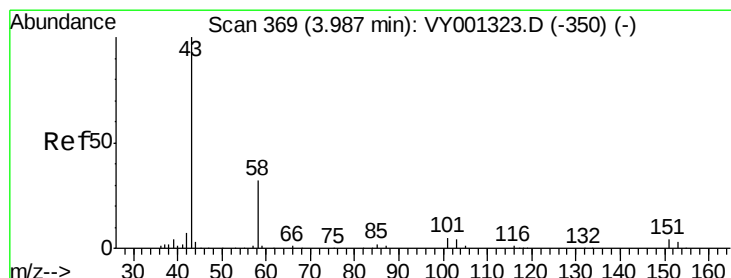
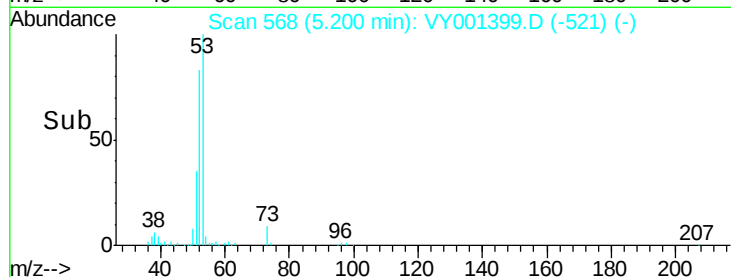
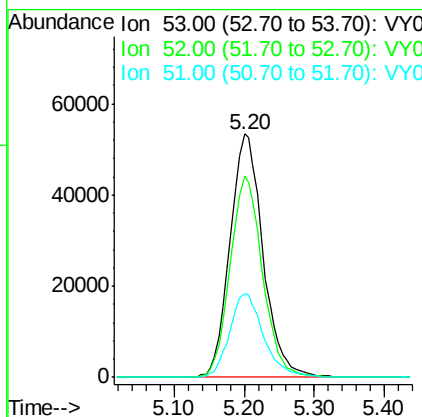
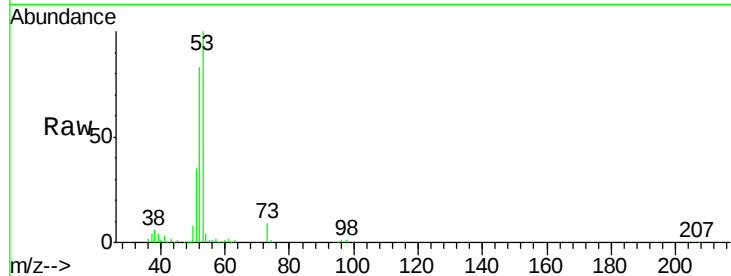
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	175026
Ion Ratio	Lower	Upper	
53	100		
52	81.1	65.3	97.9
51	35.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 282.547 ug/l

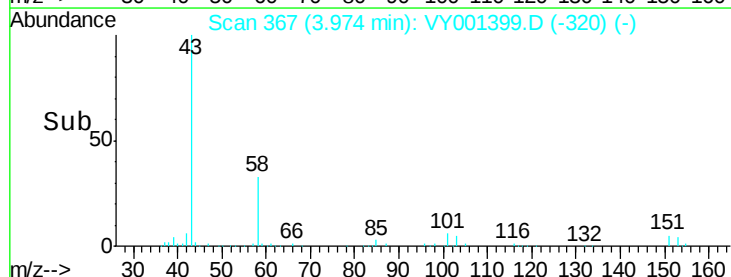
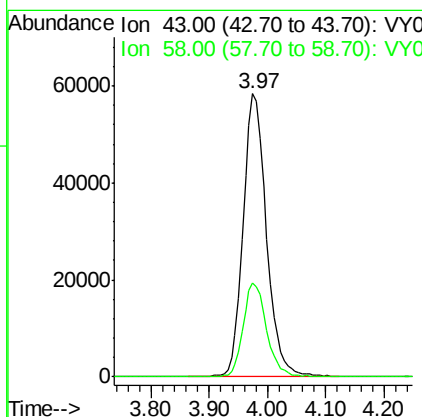
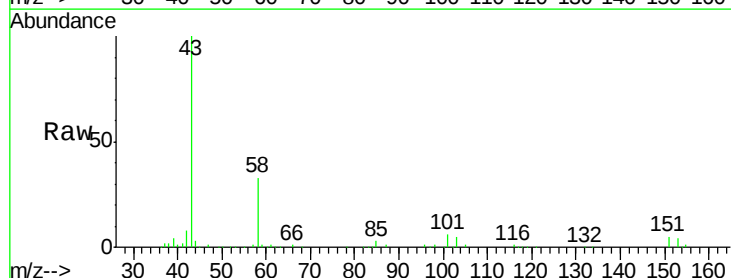
RT: 3.97 min Scan# 367

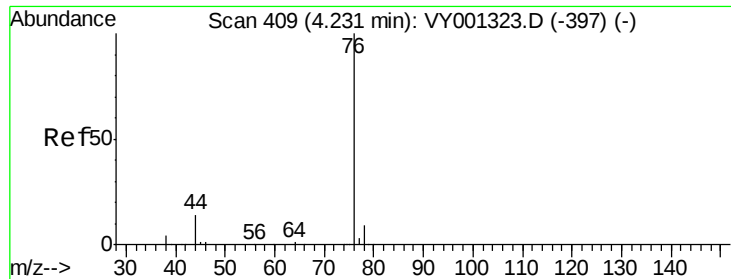
Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Tgt Ion:	43	Resp:	162321
Ion Ratio	Lower	Upper	
43	100		
58	33.1	25.4	38.0





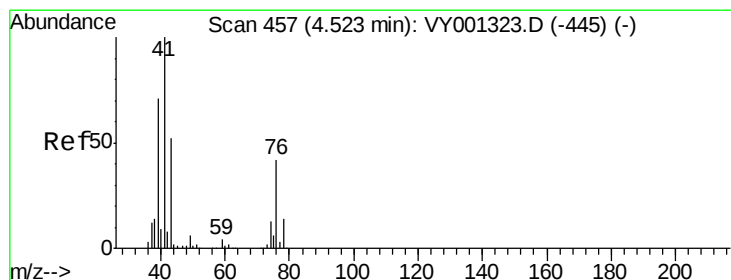
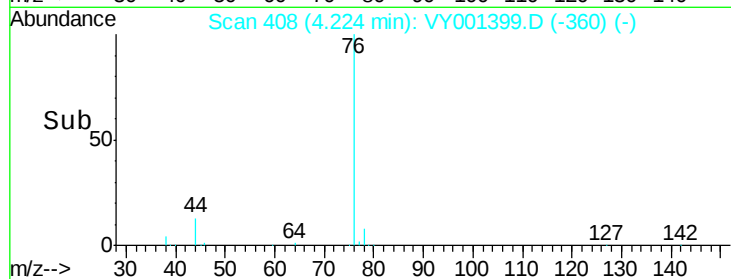
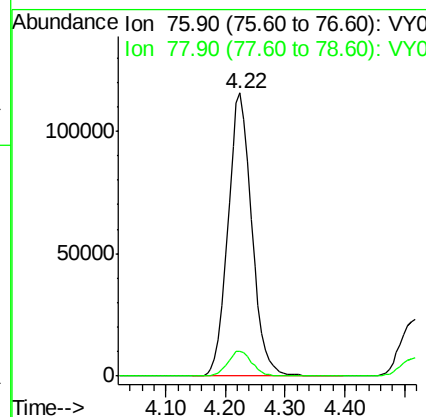
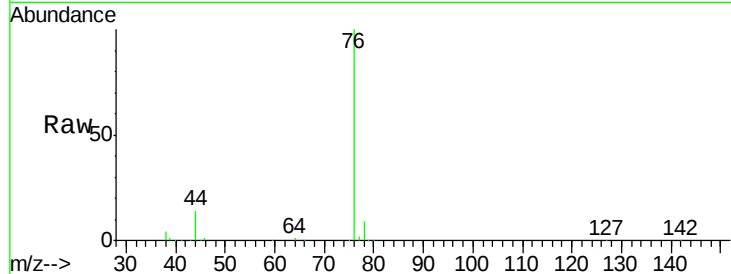
#17
Carbon Disulfide
Concen: 47.708 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

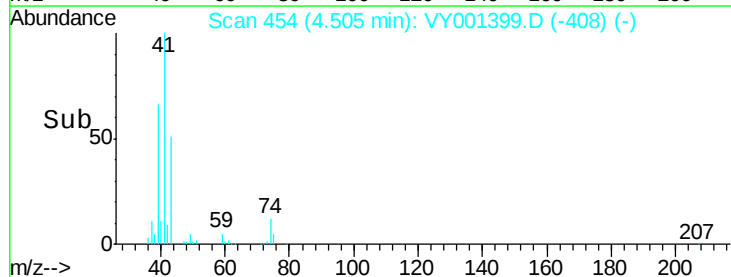
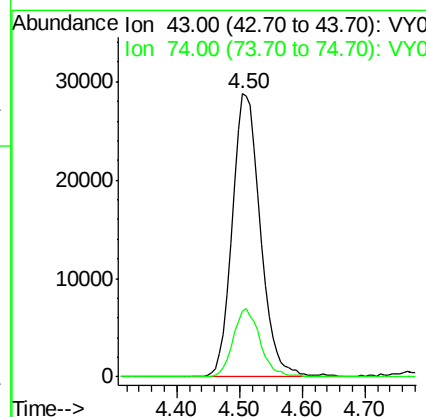
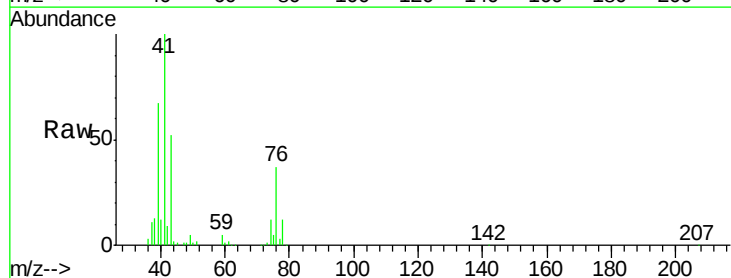
Manual Integrations
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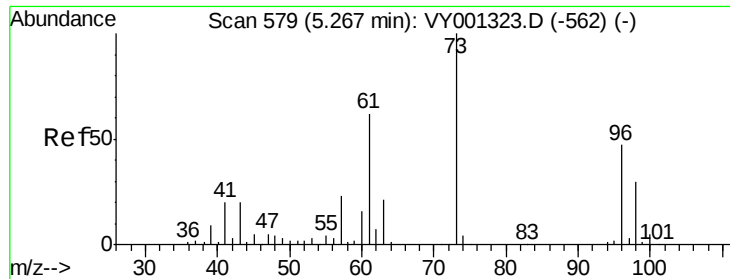
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#18
Methyl Acetate
Concen: 48.539 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.4	29.2





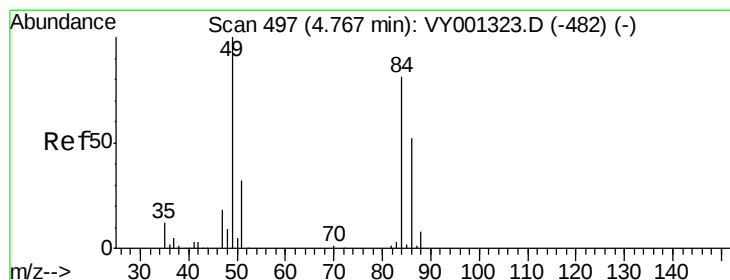
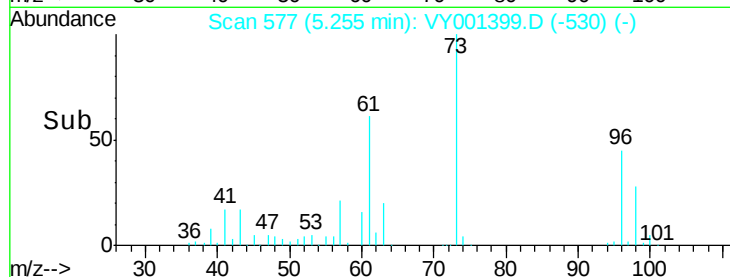
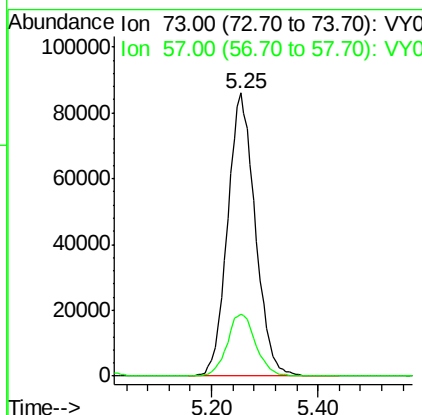
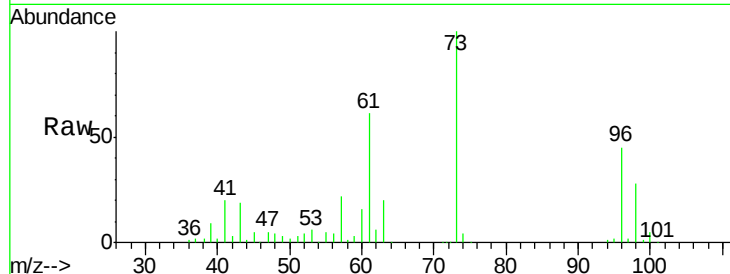
#19
Methvl tert-butvl Ether
Concen: 49.802 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 311385
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.2

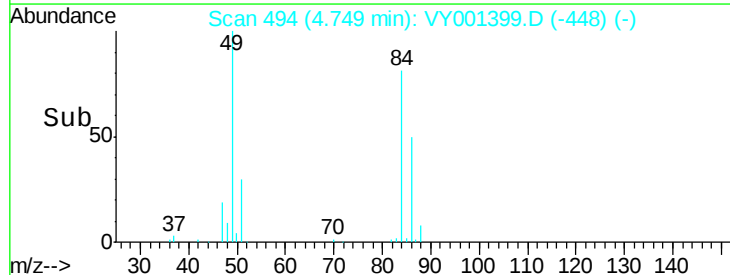
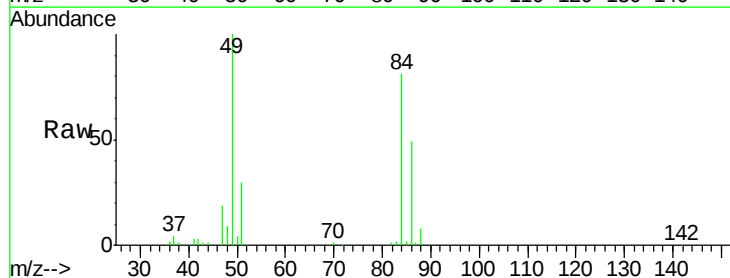
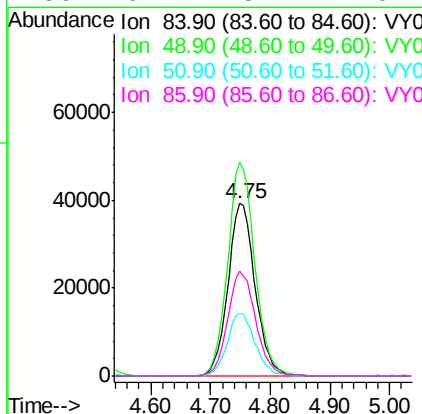
Manual Integrations
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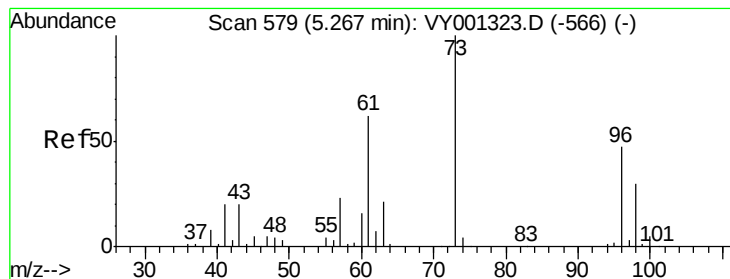
MMDadoda
1/28/2020 3:40:27 PM



#20
Methylene Chloride
Concen: 45.593 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 84 Resp: 124223
Ion Ratio Lower Upper
84 100
49 124.0 98.3 147.5
51 36.8 31.6 47.4
86 61.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.043 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 121648

Ion Ratio Lower Upper

96 100

61 135.1 106.8 160.2

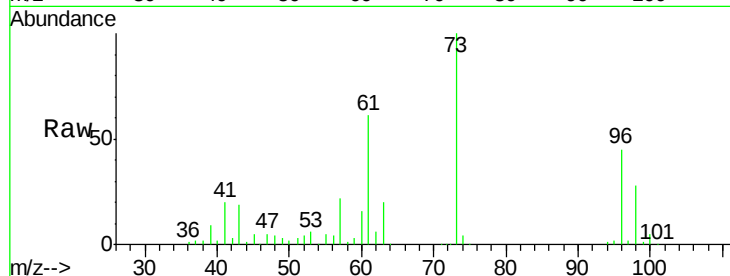
98 63.3 51.0 76.6

Manual Integrations

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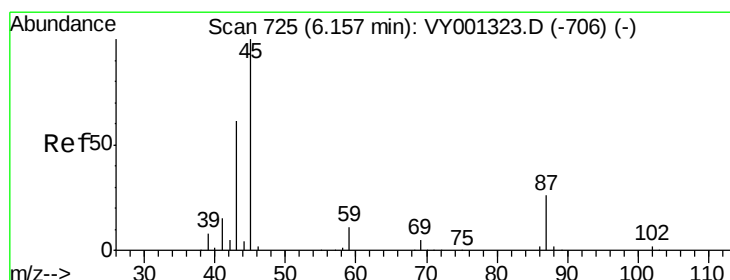
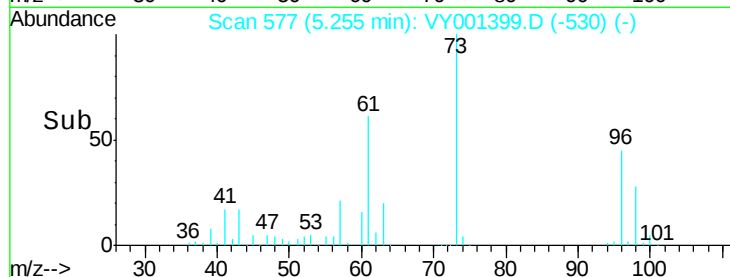
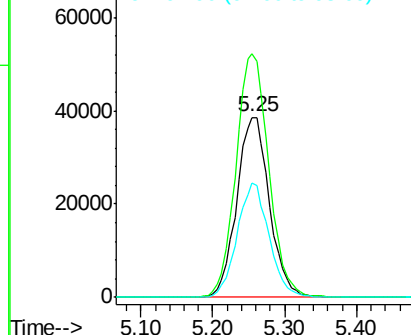
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Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 49.606 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Tgt Ion: 45 Resp: 401134

Ion Ratio Lower Upper

45 100

43 58.2 49.2 73.8

87 27.4 21.4 32.2

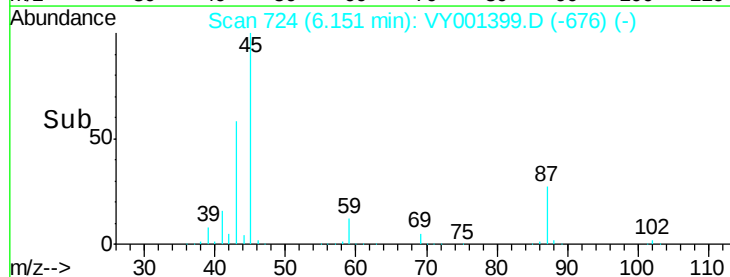
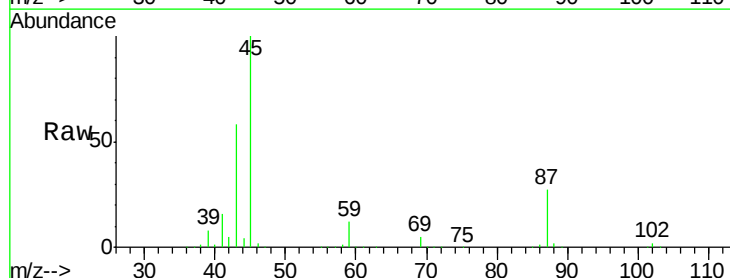
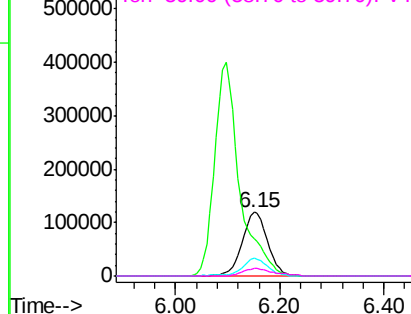
59 11.6 9.3 13.9

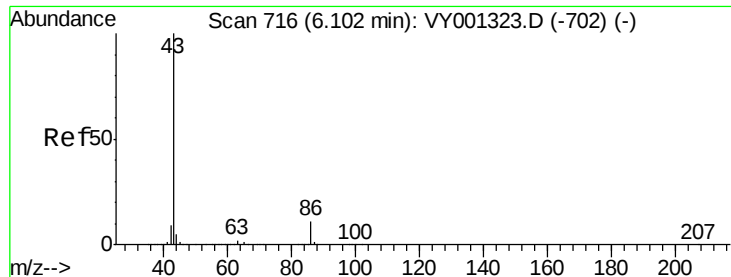
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 255.075 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1339076

Ion Ratio Lower Upper

43 100

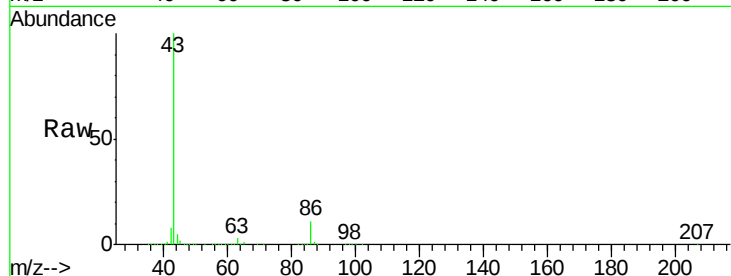
86 10.8 8.6 13.0

Manual Integrations

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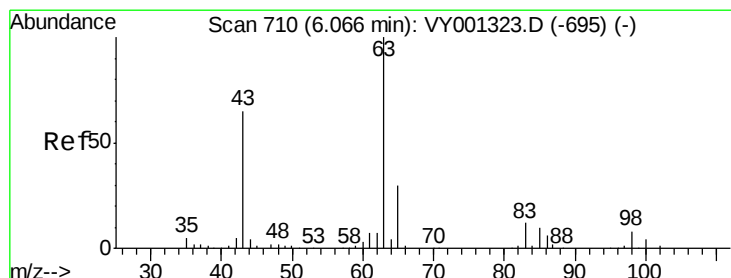
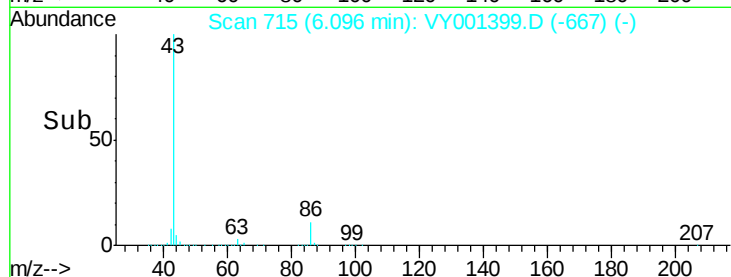
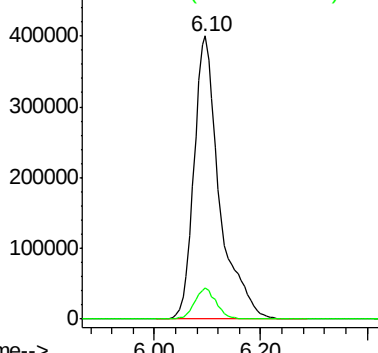
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.979 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

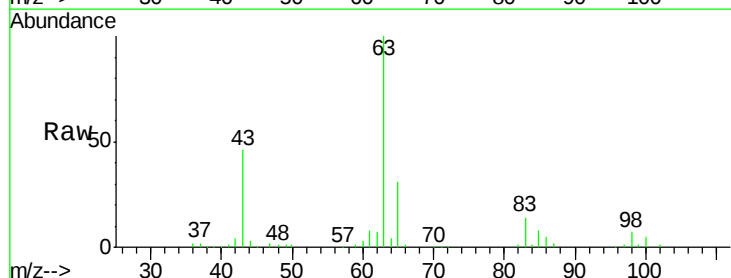
Tgt Ion: 63 Resp: 213025

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

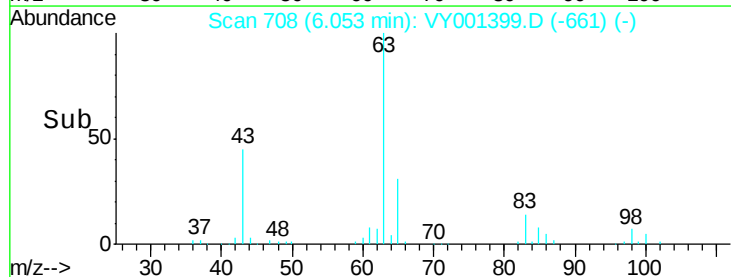
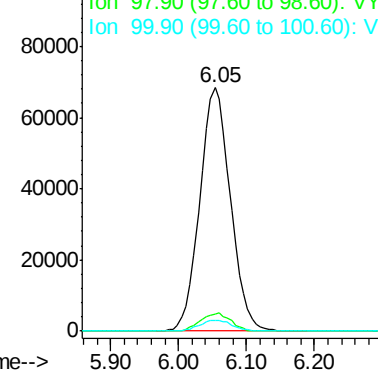
100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 256.658 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 244478

Ion Ratio Lower Upper

43 100

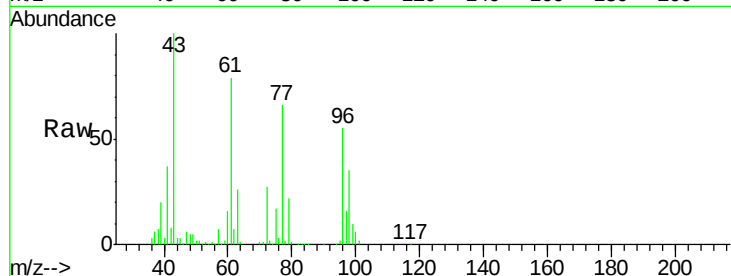
72 26.6 20.6 31.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.02

100000

80000

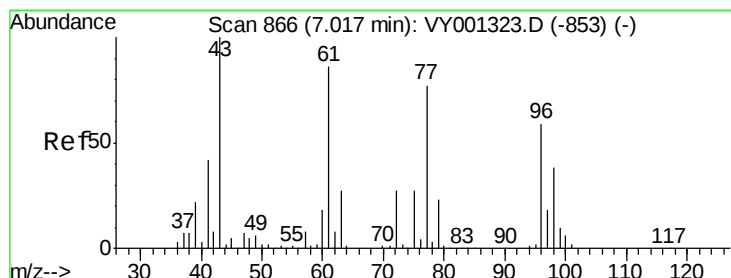
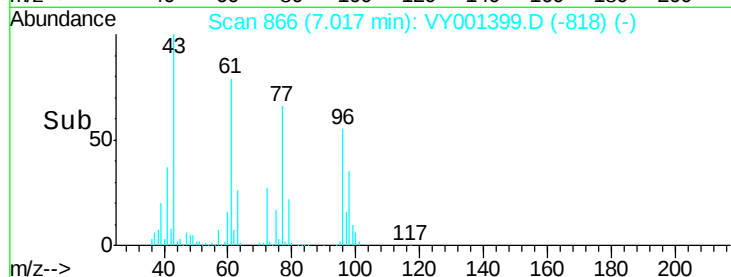
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.359 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001399.D

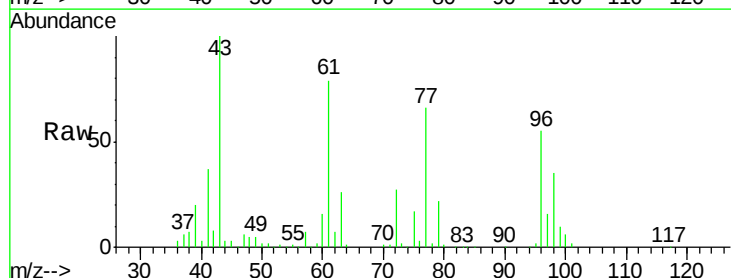
Acq: 27 Jan 2020 12:20

Tgt Ion: 77 Resp: 187400

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.02

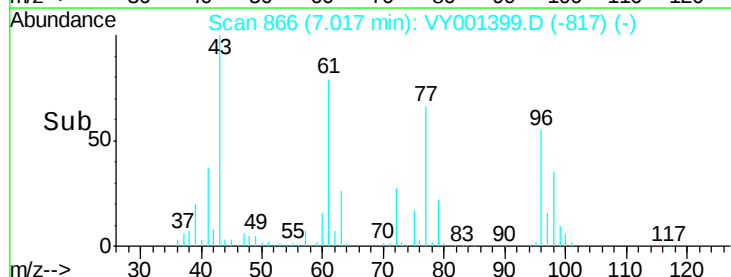
60000

40000

20000

0

Time-->





#27

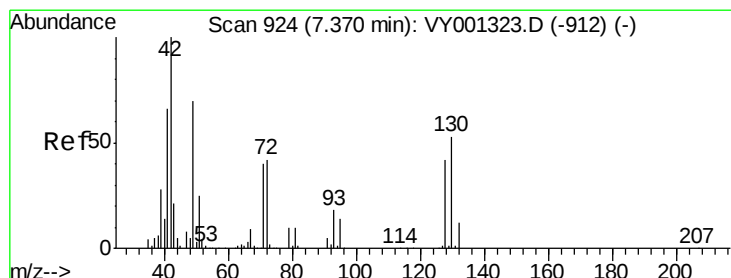
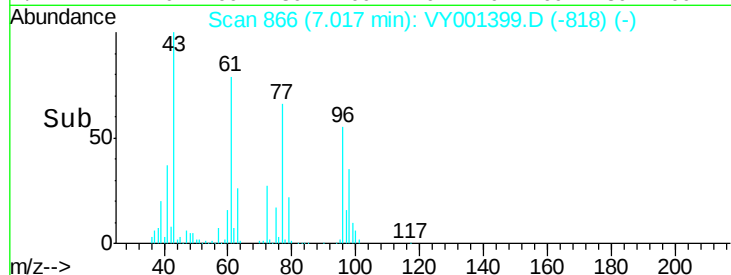
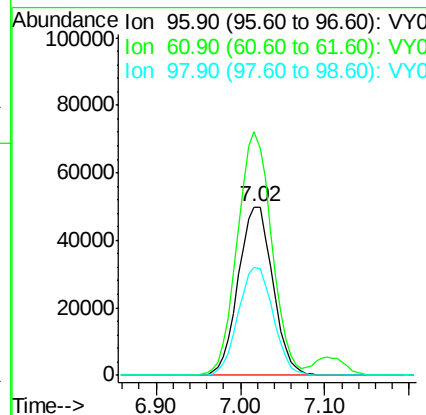
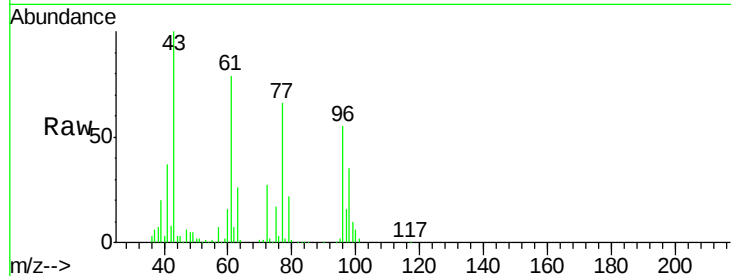
cis-1,2-Dichloroethene
Concen: 49.916 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	138373		
61	143.4	0.0	284.8	
98	64.6	0.0	128.4	

Manual Integrations
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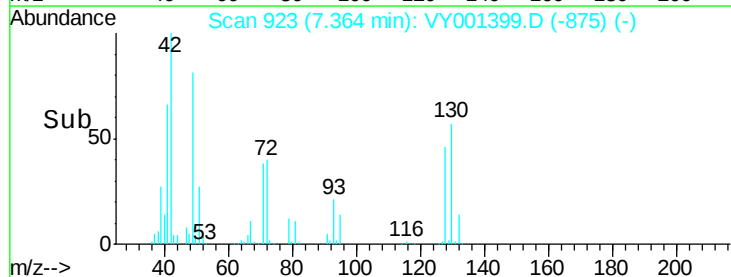
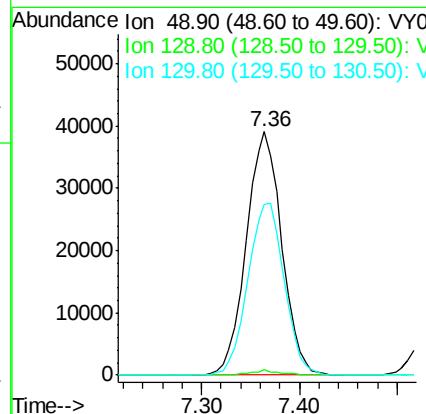
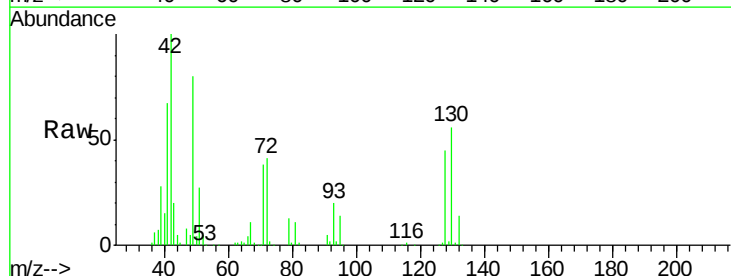
MMDadoda
1/28/2020 3:40:27 PM

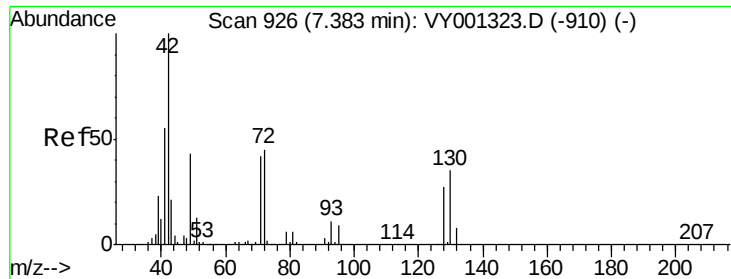


#28

Bromochloromethane
Concen: 55.749 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97994		
129	1.8	0.0	4.0	
130	72.4	58.9	88.3	





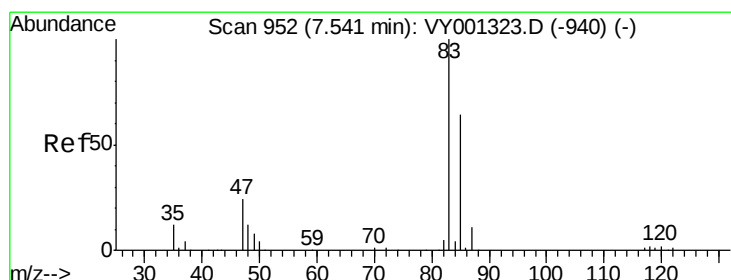
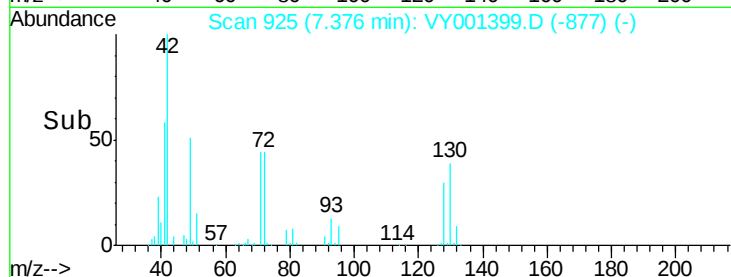
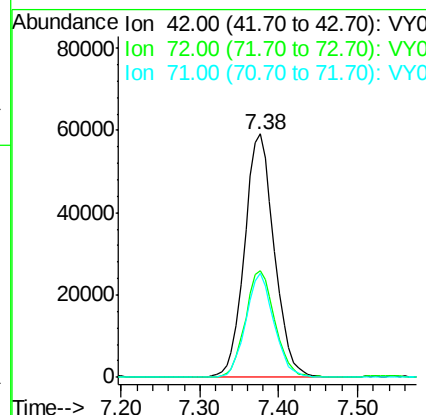
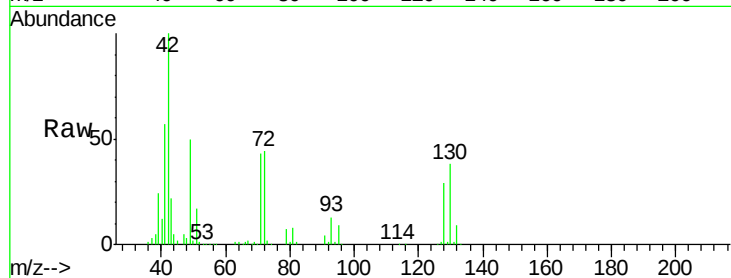
#29
Tetrahydrofuran
Concen: 250.050 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.6	51.8
71	40.3	32.6	48.8

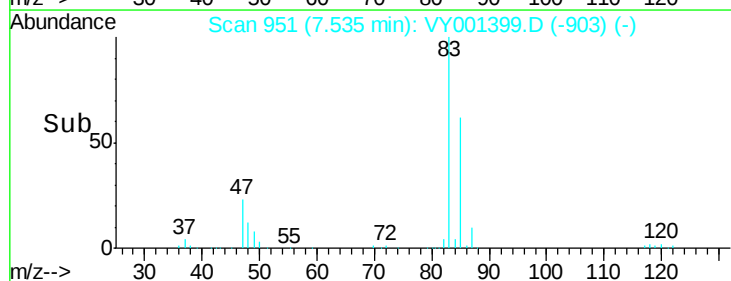
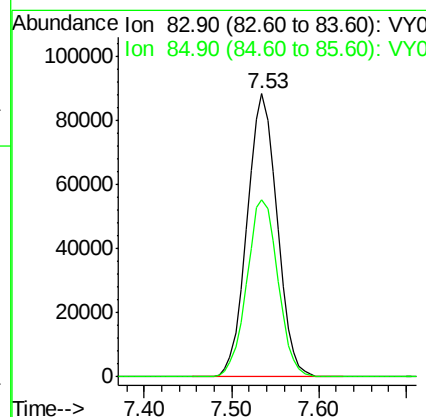
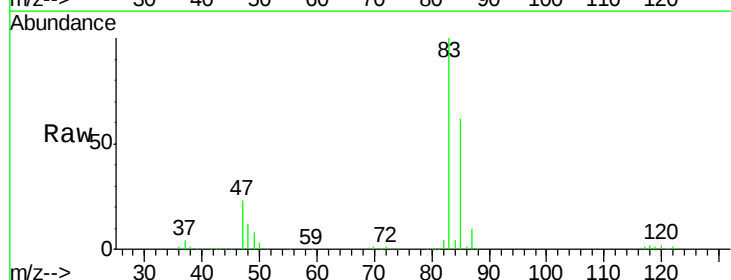
Manual Integrations
APPROVED

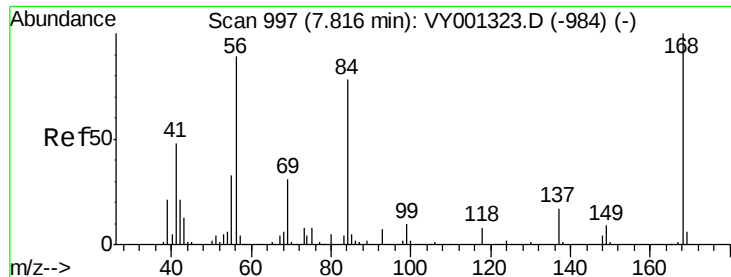
MMDadoda
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#30
Chloroform
Concen: 50.593 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.5	77.3





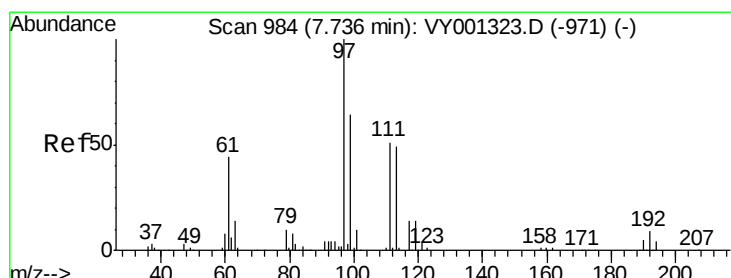
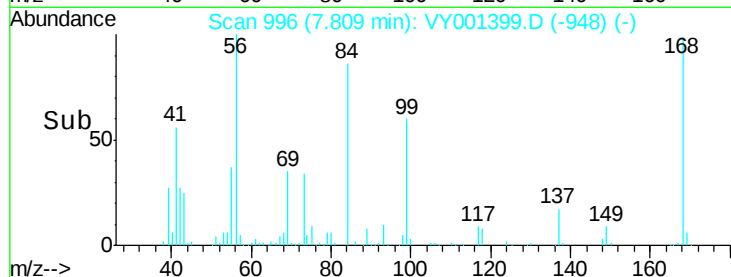
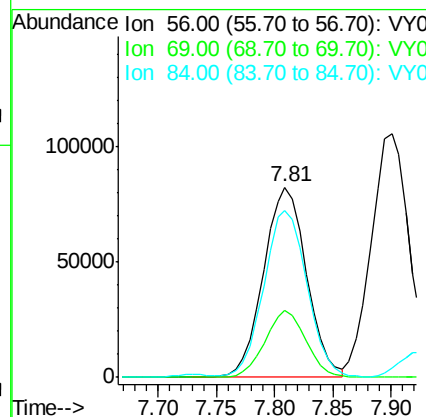
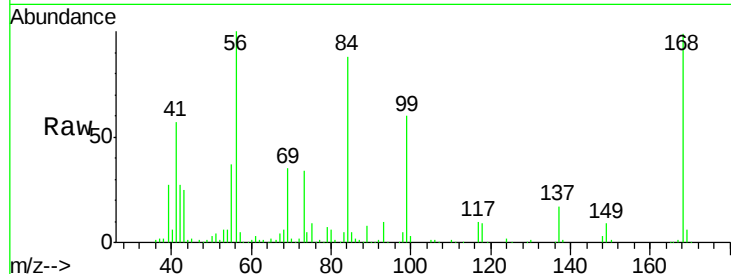
#31
Cyclohexane
Concen: 49.809 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	27.6	41.4
84	86.7	69.7	104.5

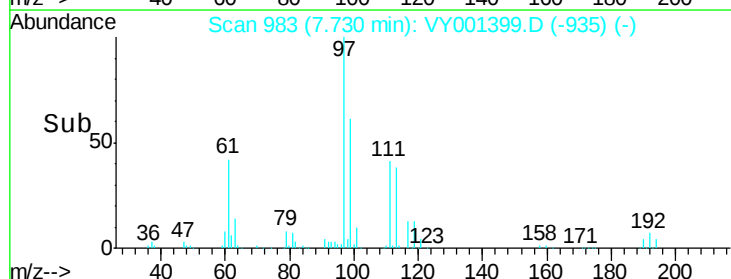
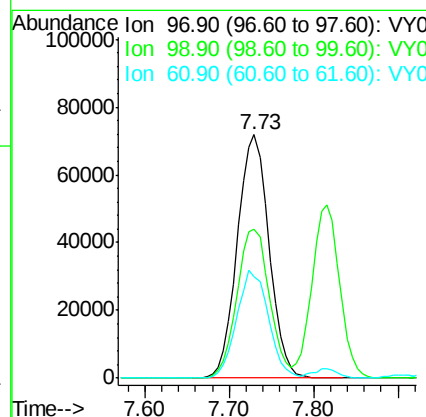
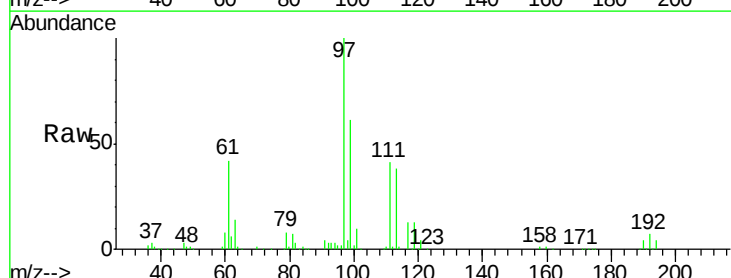
Manual Integrations
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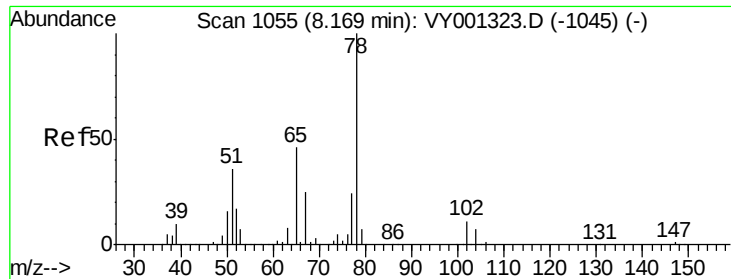
MMDadoda
1/28/2020 3:40:27 PM



#32
1,1,1-Trichloroethane
Concen: 51.747 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	44.2	35.9	53.9





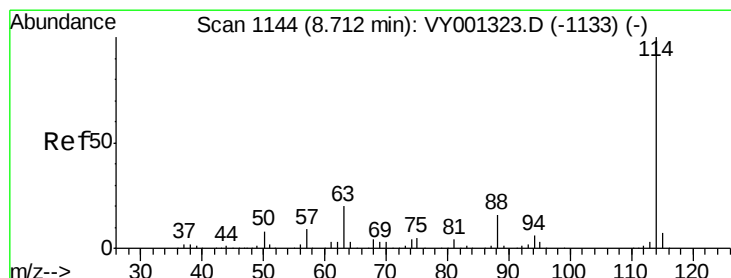
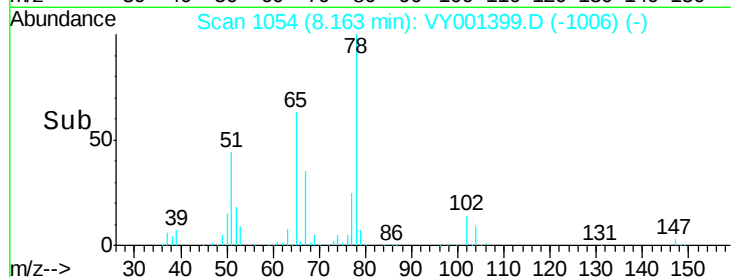
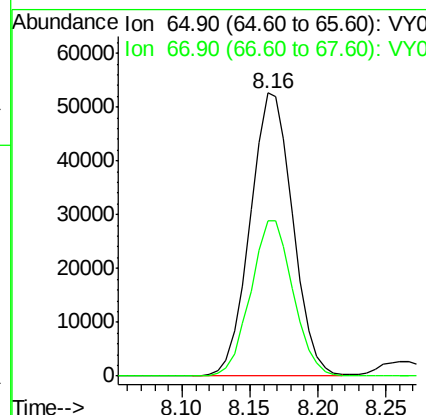
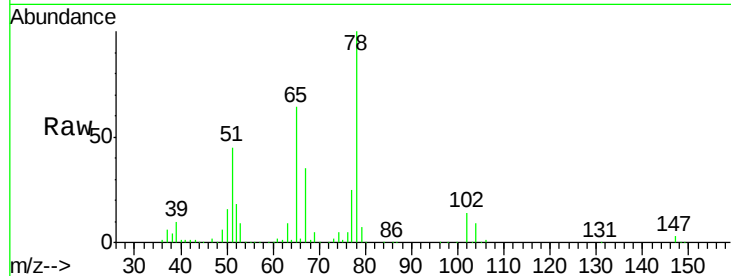
#33
 1,2-Dichloroethane-d4
 Concen: 52.723 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115383		
67	54.7	0.0	108.6	

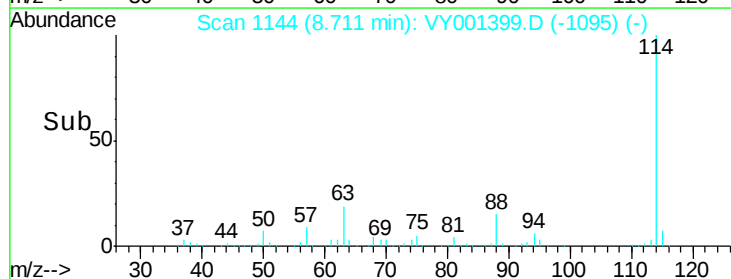
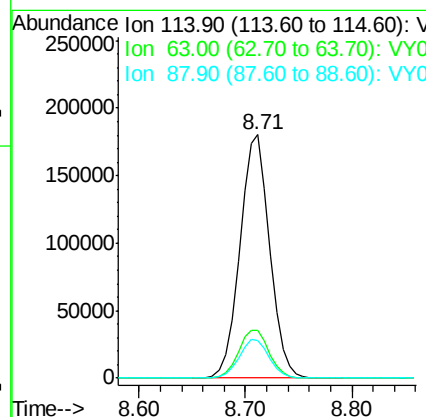
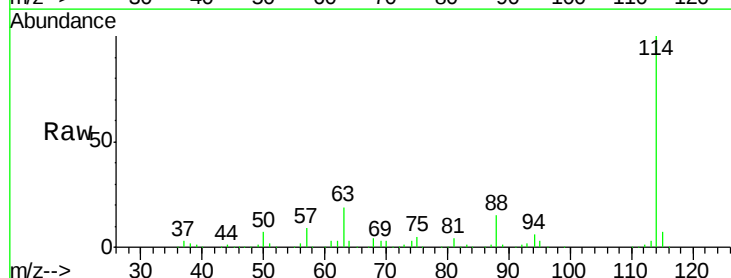
Manual Integrations
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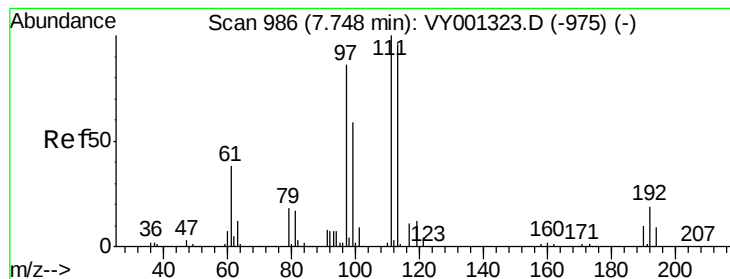
MMDadoda
 1/28/2020 3:40:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	351705		
63	19.5	0.0	40.8	
88	15.3	0.0	31.0	





#35

Dibromofluoromethane

Concen: 51.102 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

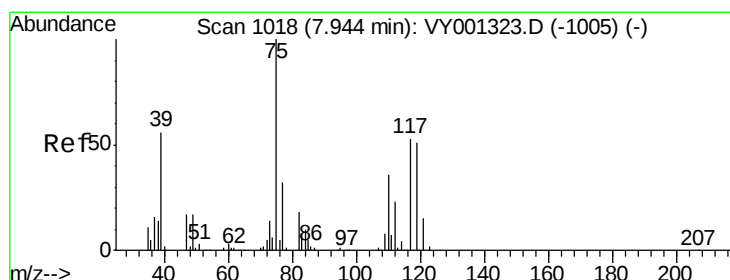
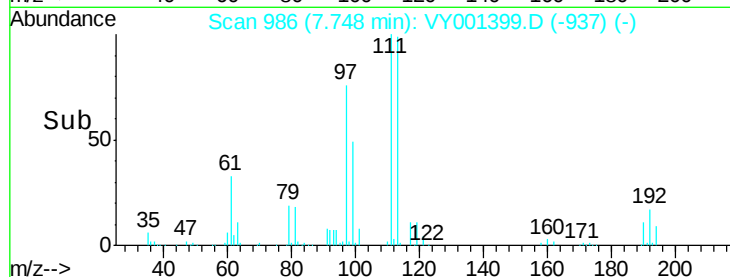
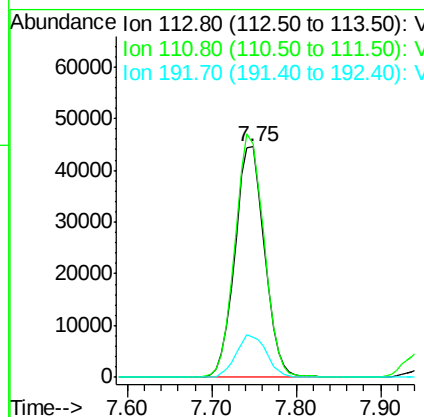
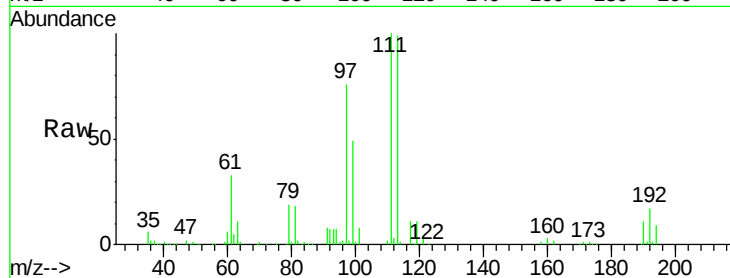
ClientSampleId :

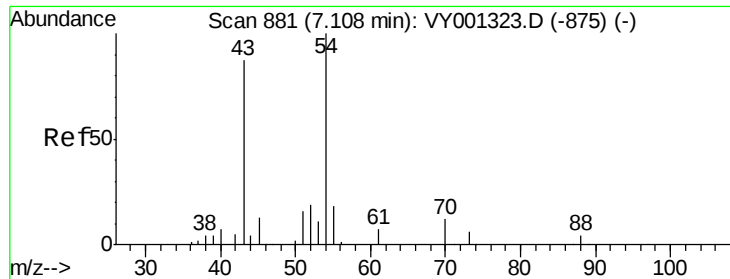
VSTDCCC050

Tot Ion:	113	Resp:	105484
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.8	124.2
192	18.9	15.5	23.3

Manual Integrations
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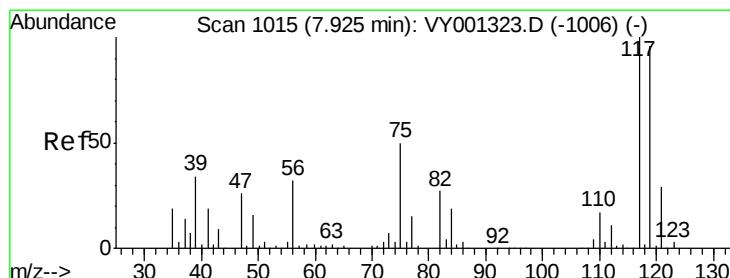
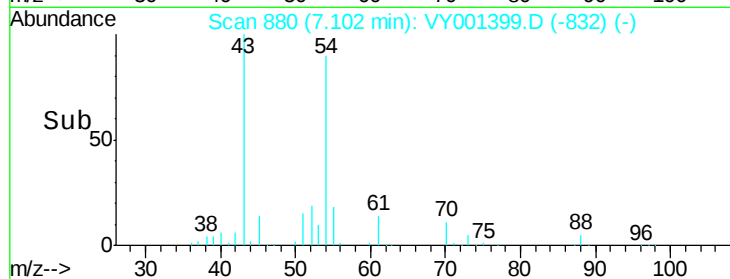
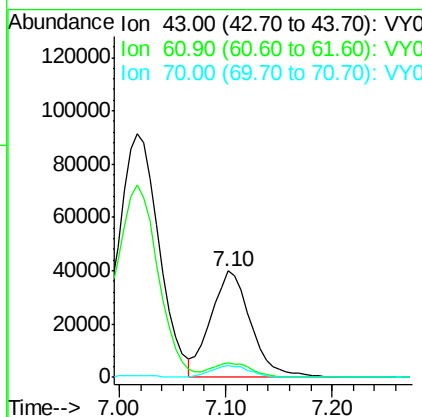
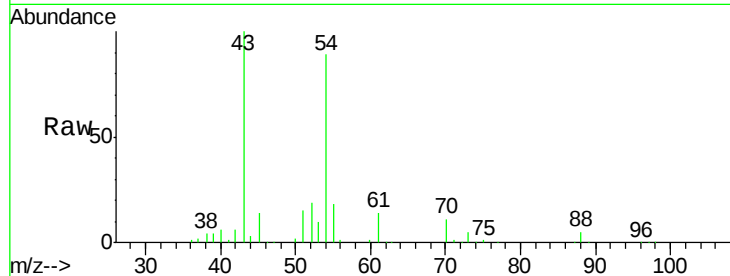
#37
Ethyl Acetate
Concen: 51.071 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	11.1	8.7	13.1

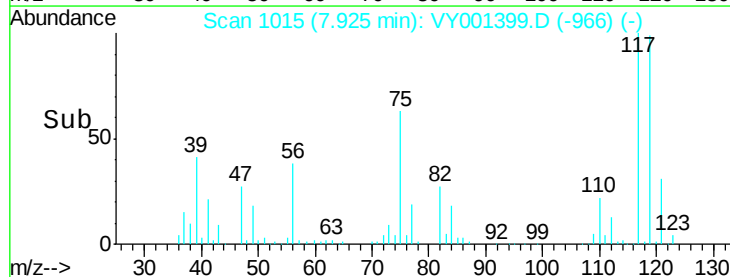
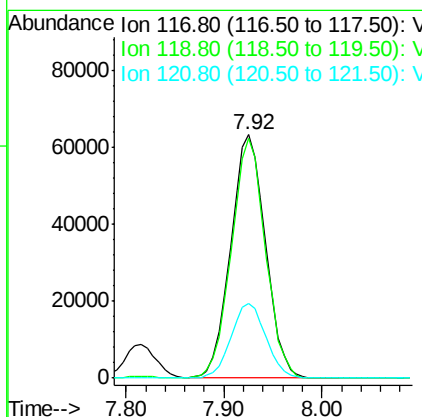
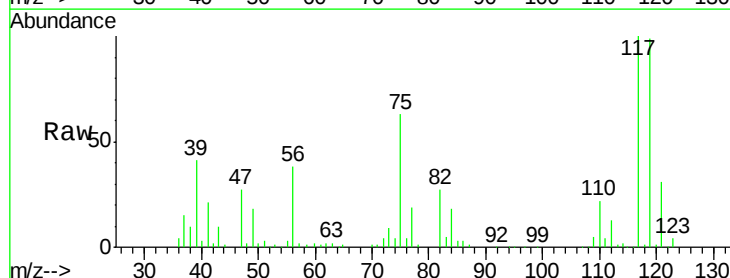
Manual Integrations
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1/28/2020 3:40:27 PM



#38
Carbon Tetrachloride
Concen: 52.560 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.3	114.5
121	30.6	23.5	35.3





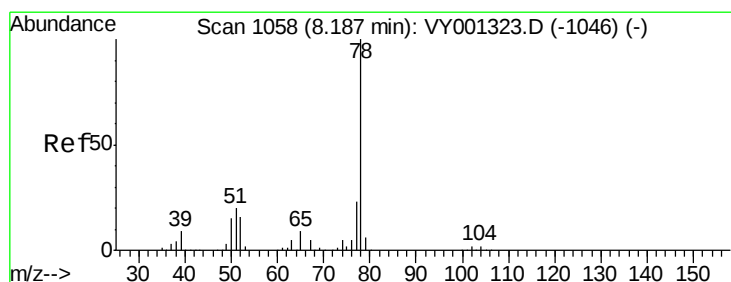
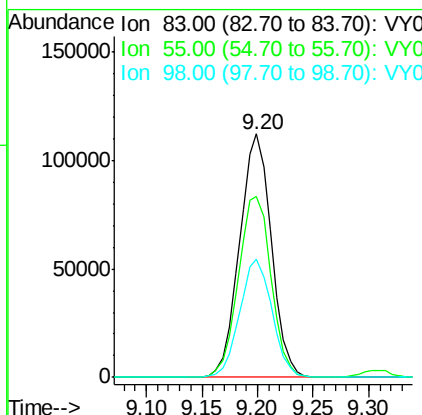
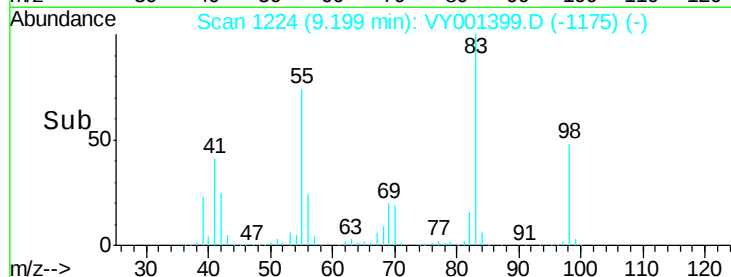
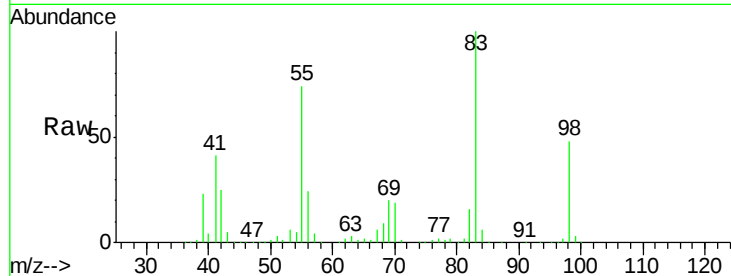
#39
Methvlcvclohexane
Concen: 52.315 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.7	91.1
98	48.3	37.8	56.8

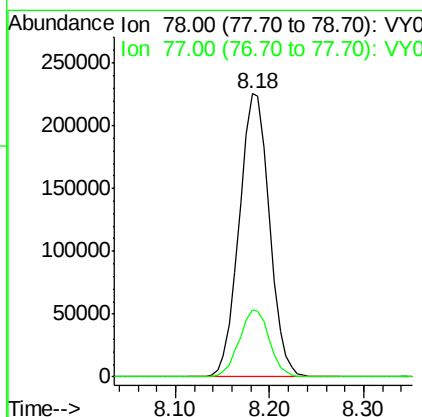
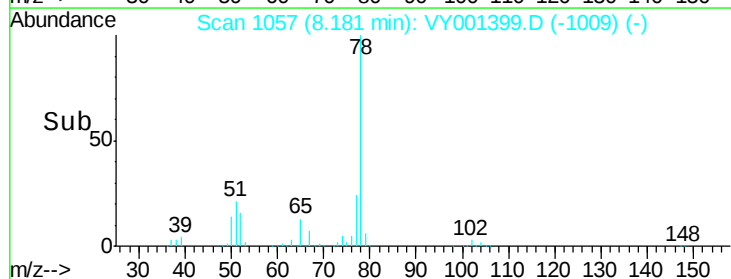
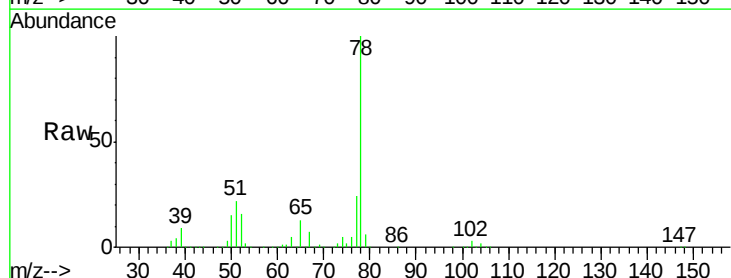
Manual Integrations
APPROVED

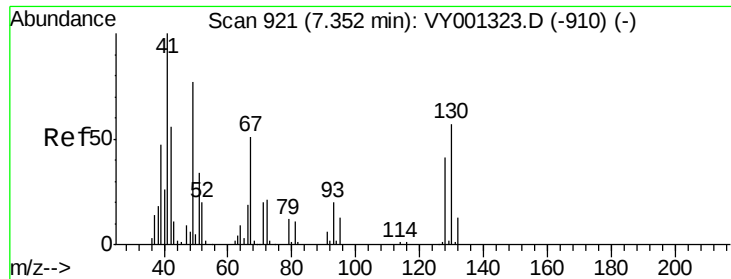
MMDadoda
1/28/2020 3:40:27 PM



#40
Benzene
Concen: 50.792 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8





#41

Methacrylonitrile

Concen: 47.408 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 49665

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

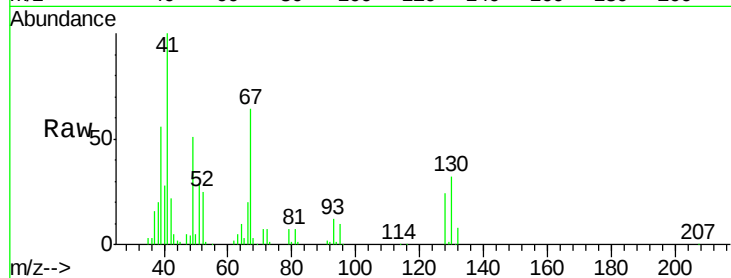
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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1/28/2020 3:40:27 PM

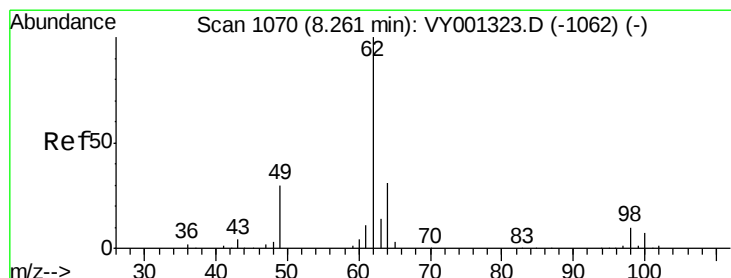
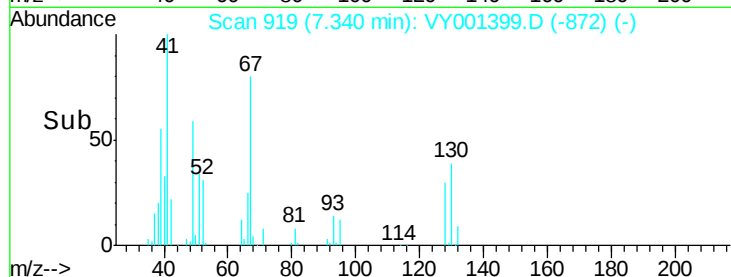
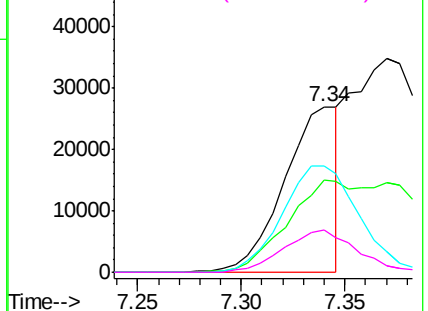


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.597 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VY001399.D

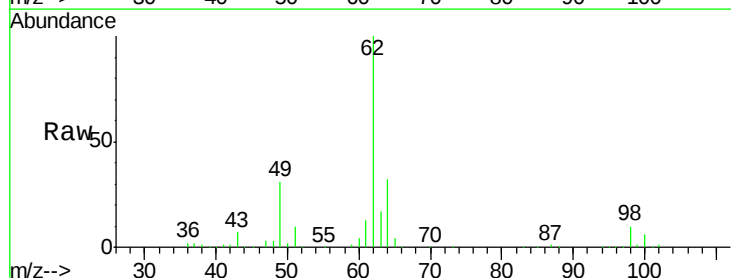
Acq: 27 Jan 2020 12:20

Tgt Ion: 62 Resp: 143637

Ion Ratio Lower Upper

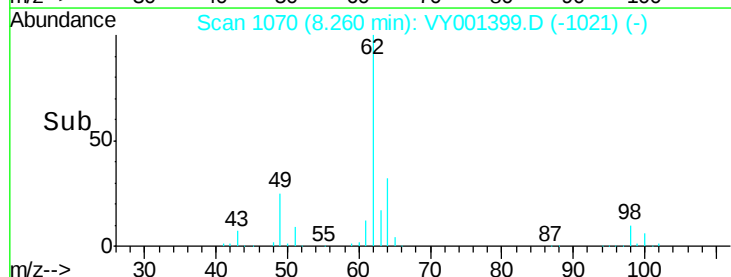
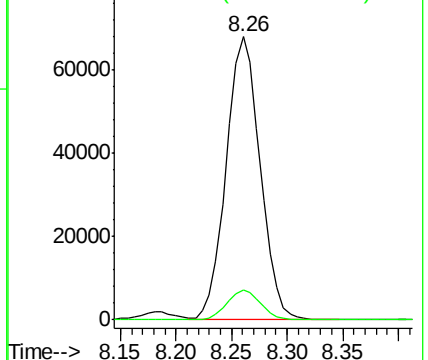
62 100

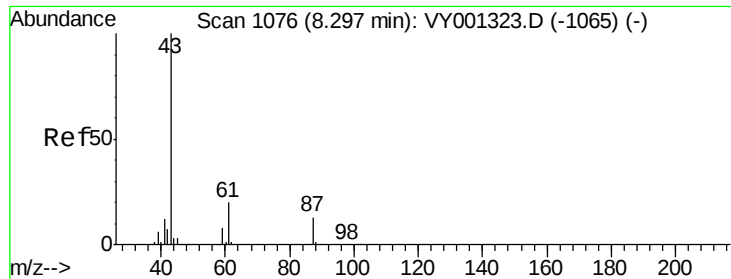
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





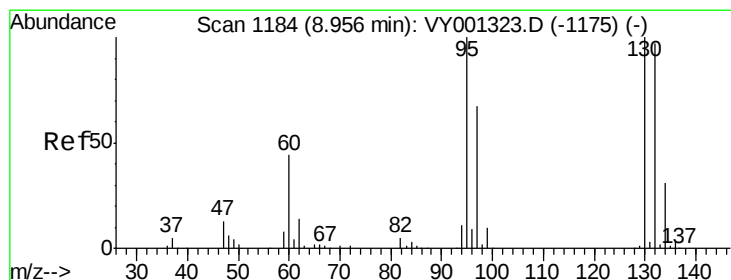
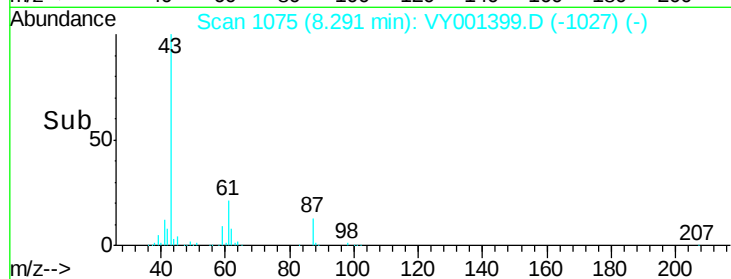
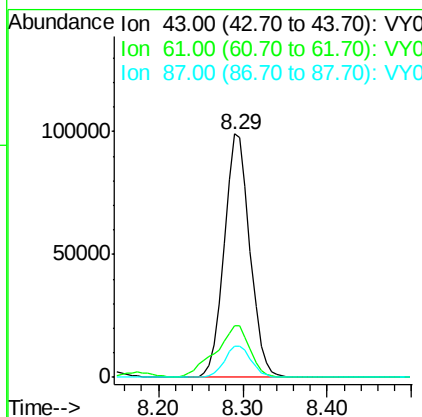
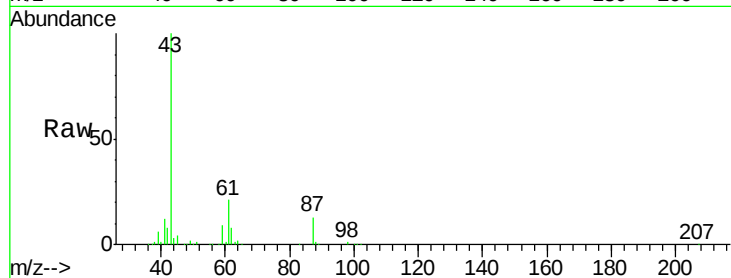
#43
Isopropyl Acetate
Concen: 52.360 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	22.7	34.1
87	13.2	11.0	16.4

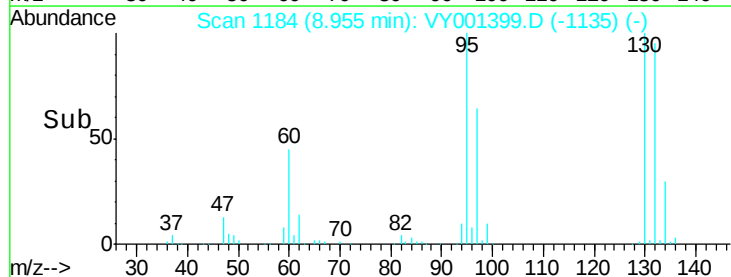
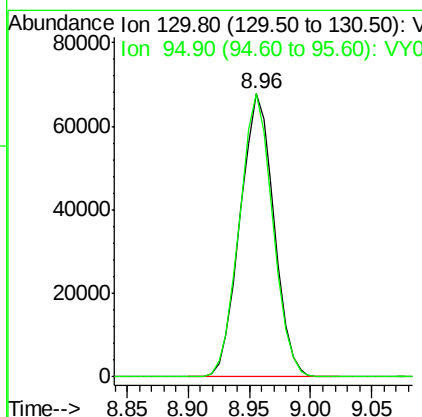
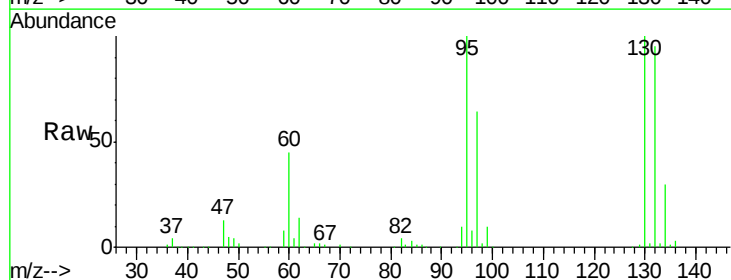
Manual Integrations
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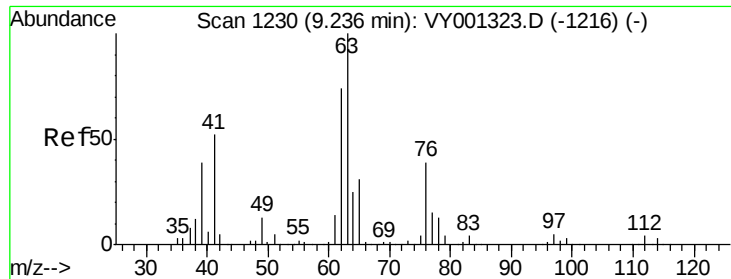
MMDadoda
1/28/2020 3:40:27 PM



#44
Trichloroethene
Concen: 50.897 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	200.0





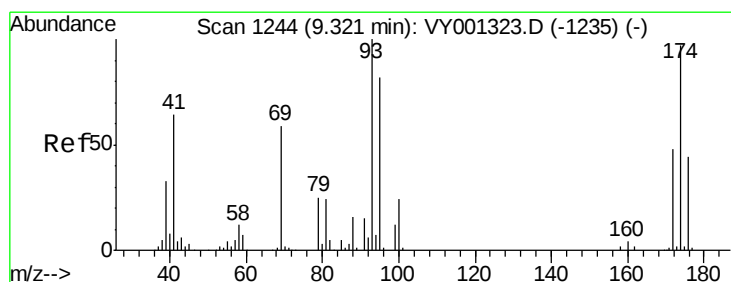
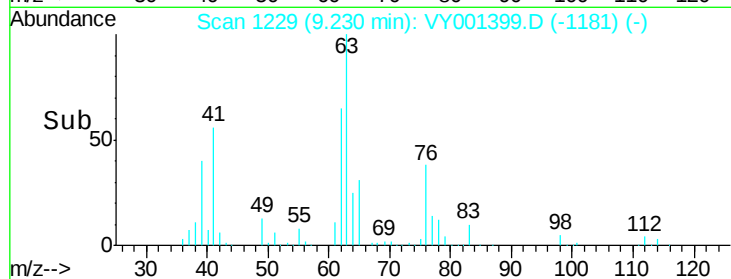
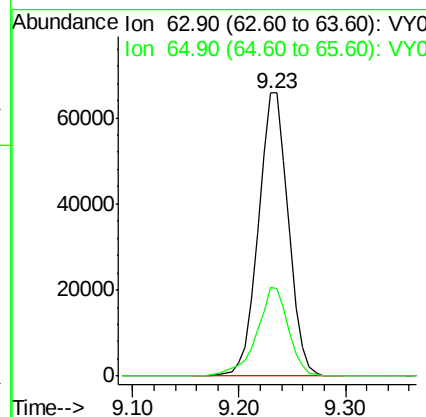
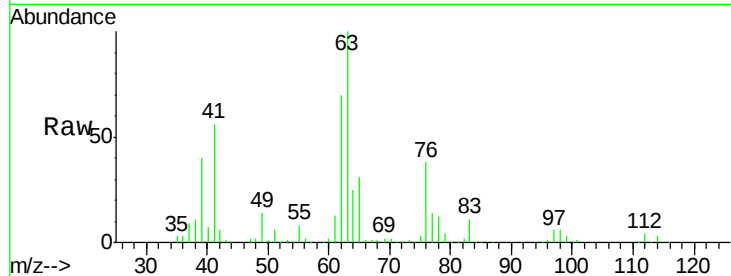
#45
 1,2-Dichloropropane
 Concen: 51.603 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.9	37.3

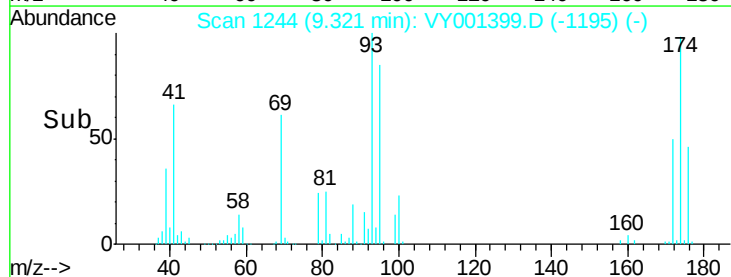
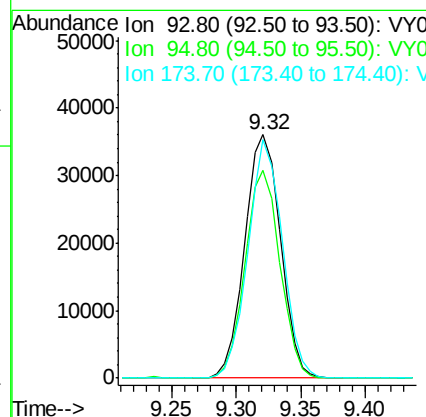
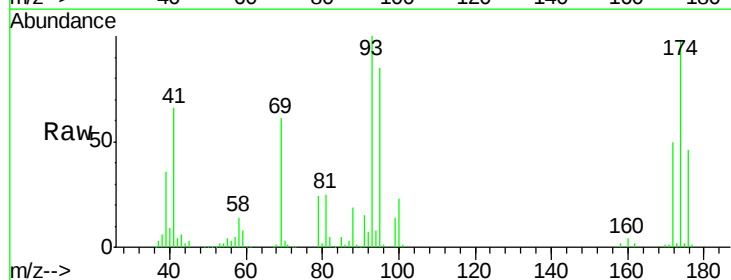
Manual Integrations
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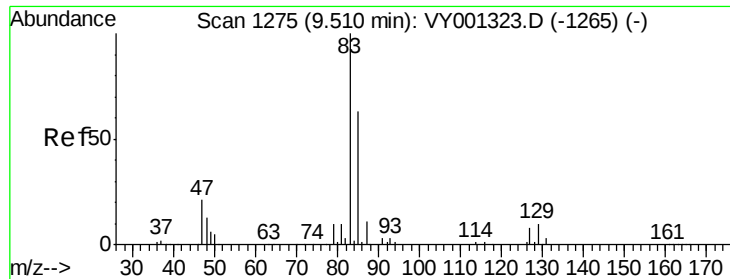
MMDadoda
 1/28/2020 3:40:27 PM



#46
 Dibromomethane
 Concen: 51.174 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.5	99.7
174	93.6	77.9	116.9





#47

Bromodichloromethane

Concen: 51.793 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

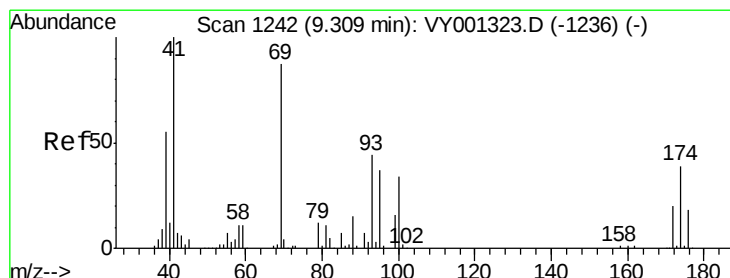
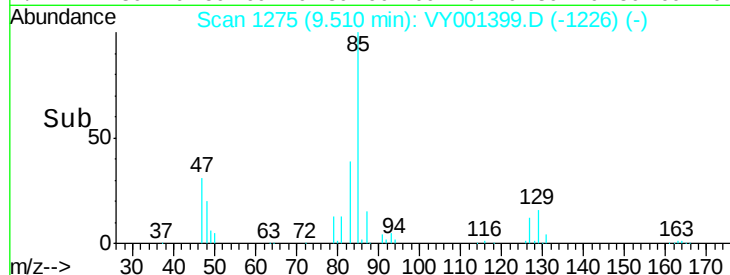
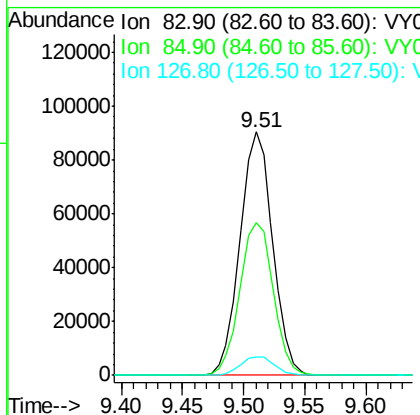
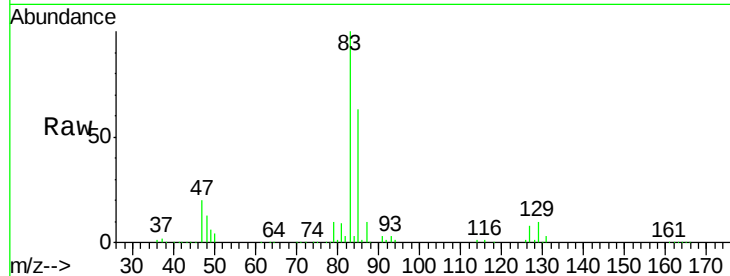
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	167408
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.2	75.2
127	7.6	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.672 ug/l

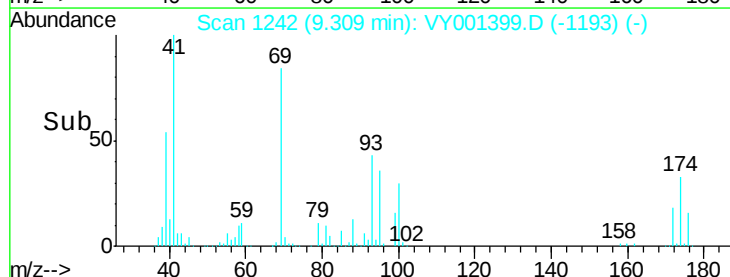
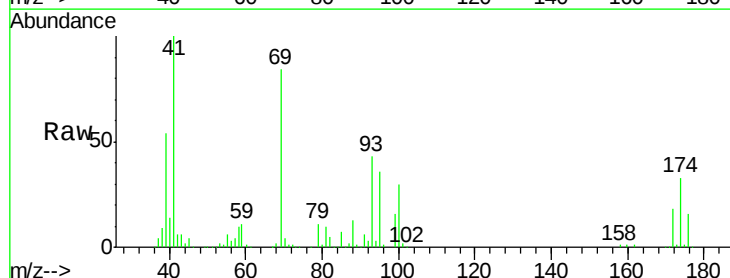
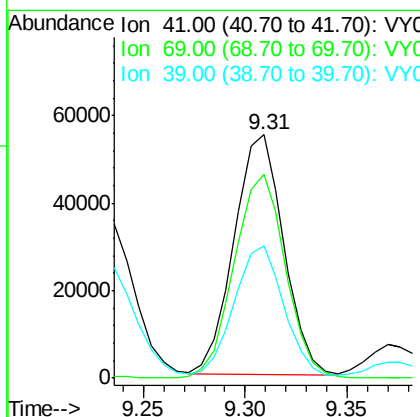
RT: 9.31 min Scan# 1242

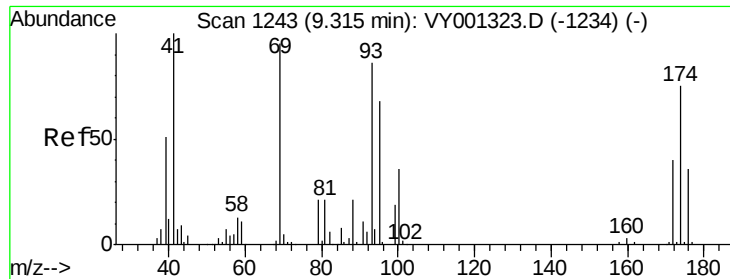
Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Tgt Ion:	41	Resp:	92727
Ion Ratio	Lower	Upper	
41	100		
69	87.9	70.2	105.4
39	53.4	45.7	68.5





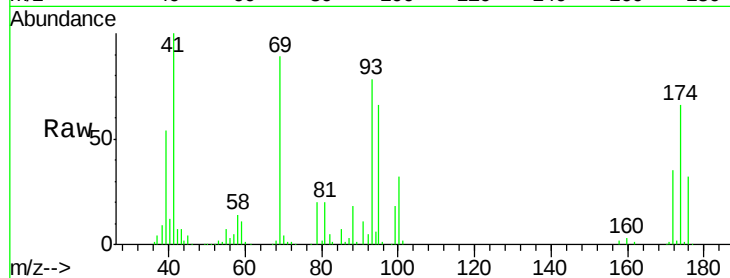
#49
 1,4-Dioxane
 Concen: 1059.663 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	28.2	42.2
58	74.4	55.6	83.4

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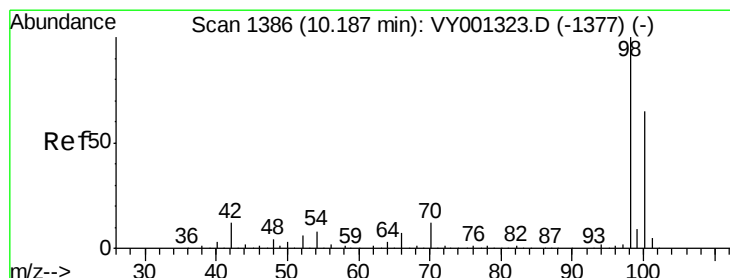
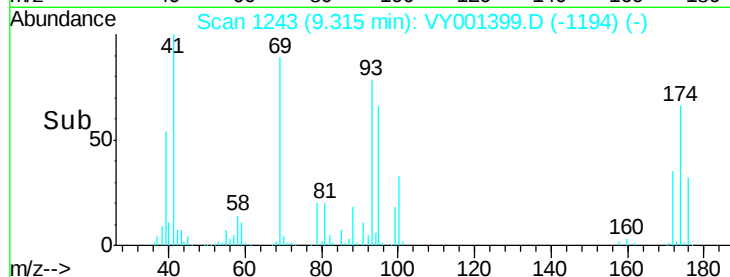
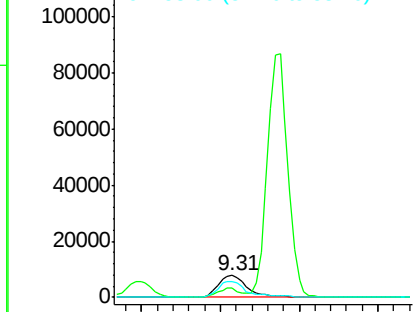


Abundance

Ion 88.00 (87.70 to 88.70): VY001399.D (-1194) (-)

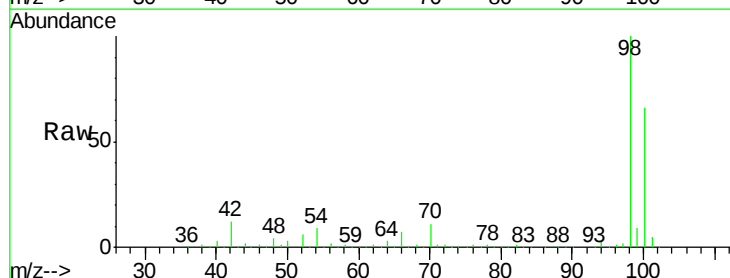
Ion 43.00 (42.70 to 43.70): VY001399.D (-1194) (-)

Ion 58.00 (57.70 to 58.70): VY001399.D (-1194) (-)



#50
 Toluene-d8
 Concen: 54.567 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

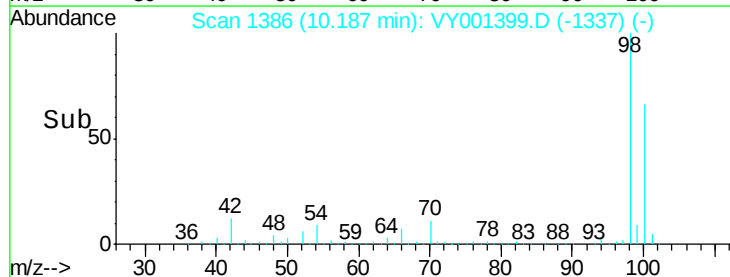
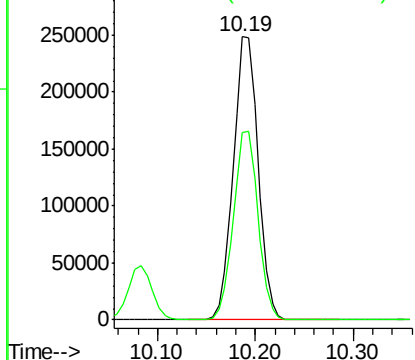
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	79.0

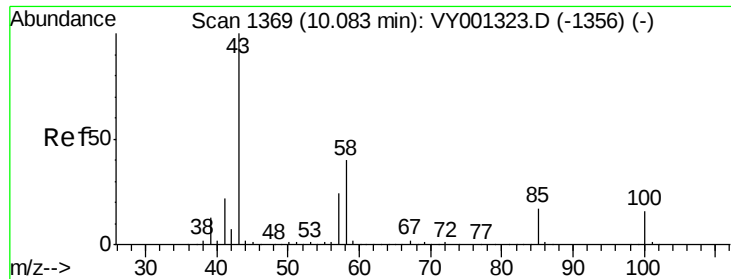


Abundance

Ion 98.00 (97.70 to 98.70): VY001399.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001399.D (-1337) (-)





#51

4-Methyl-2-Pentanone

Concen: 263.107 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 534870

Ion Ratio Lower Upper

43 100

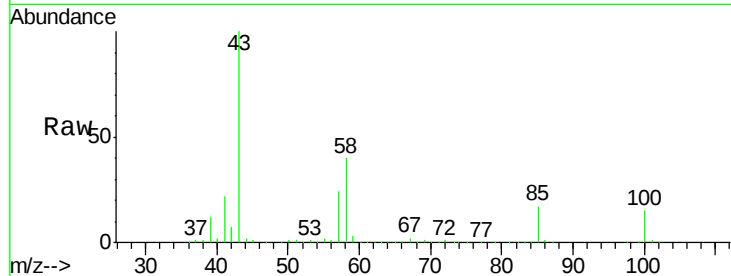
58 39.6 31.5 47.3

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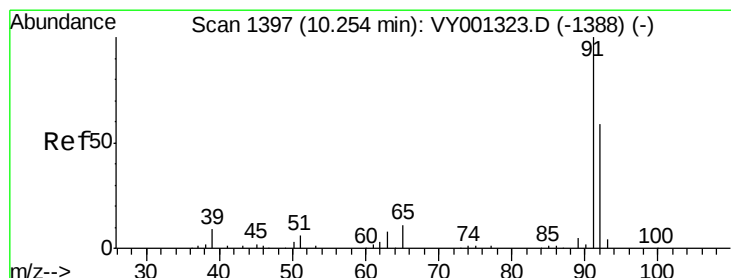
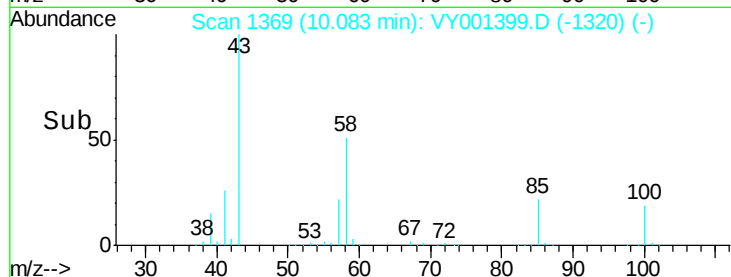
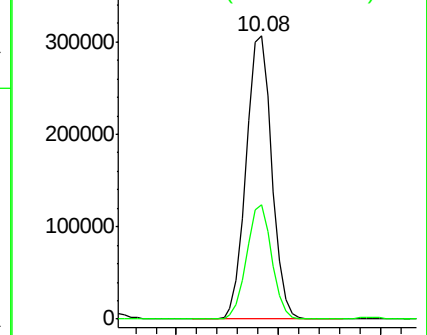
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 51.683 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001399.D

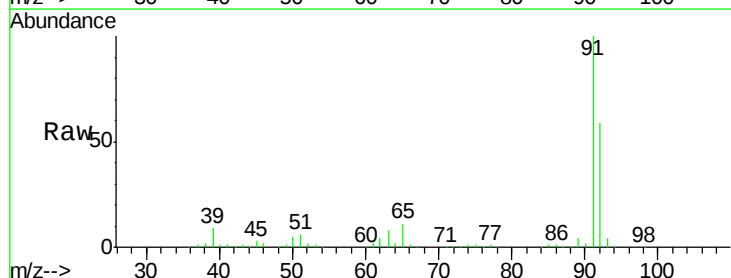
Acq: 27 Jan 2020 12:20

Tgt Ion: 92 Resp: 326403

Ion Ratio Lower Upper

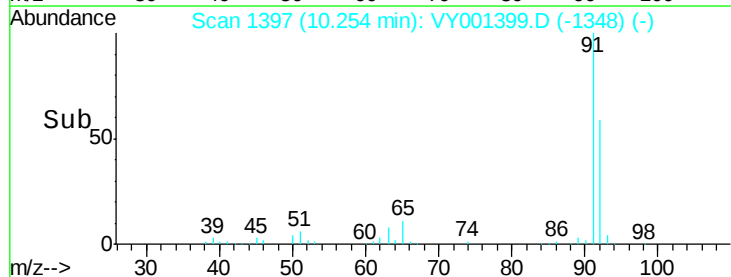
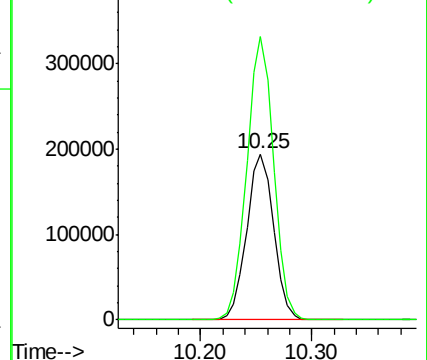
92 100

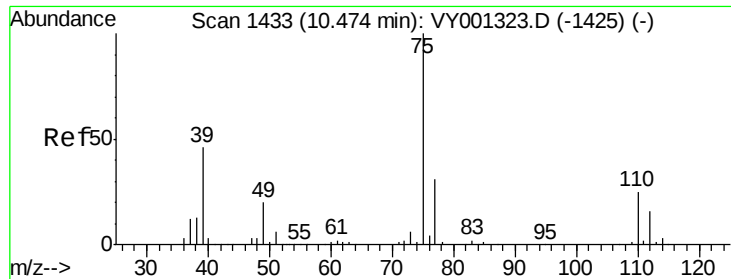
91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





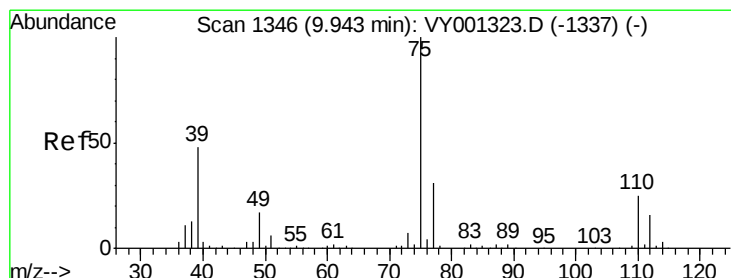
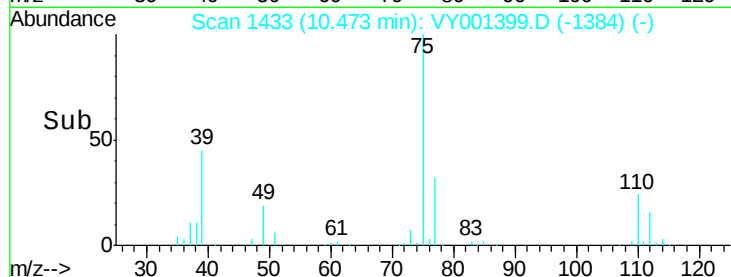
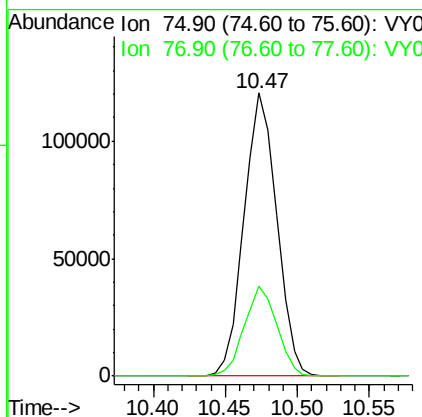
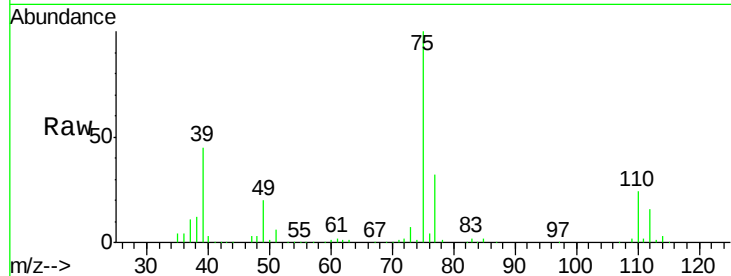
#53
t-1,3-Dichloropropene
Concen: 53.072 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 190136
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8

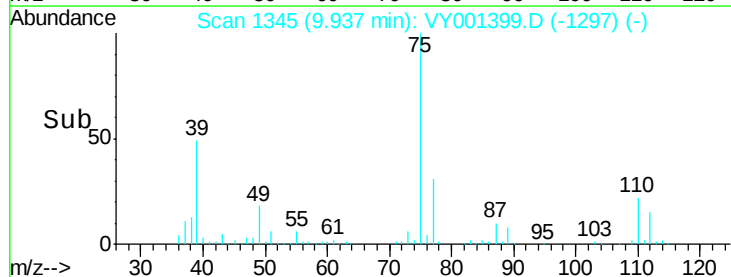
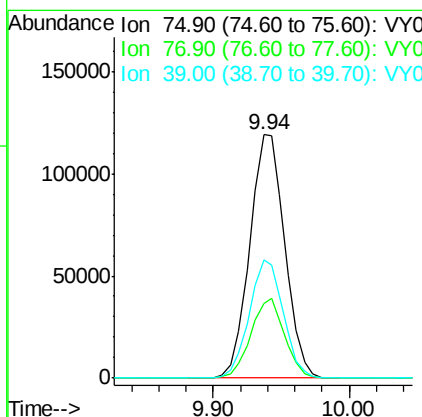
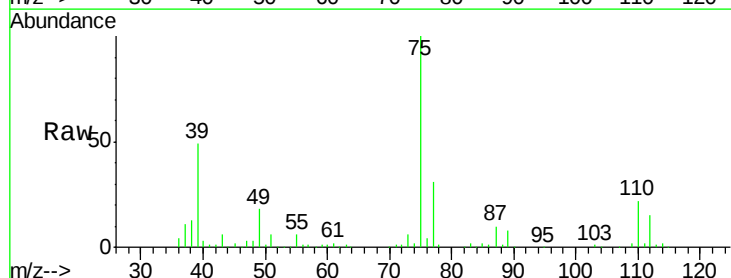
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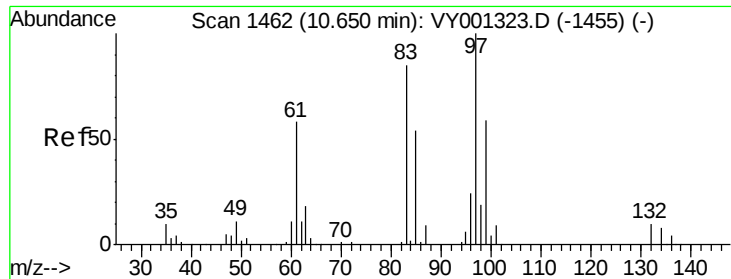
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#54
cis-1,3-Dichloropropene
Concen: 52.224 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 75 Resp: 214750
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 48.5 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 51.724 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

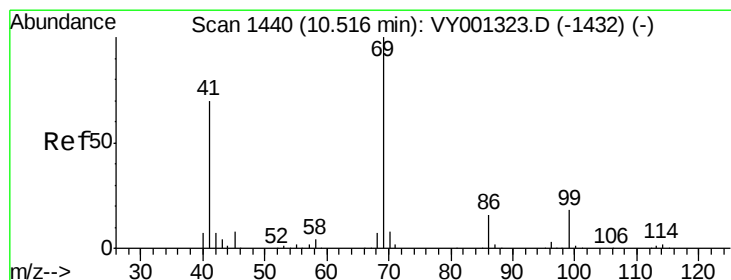
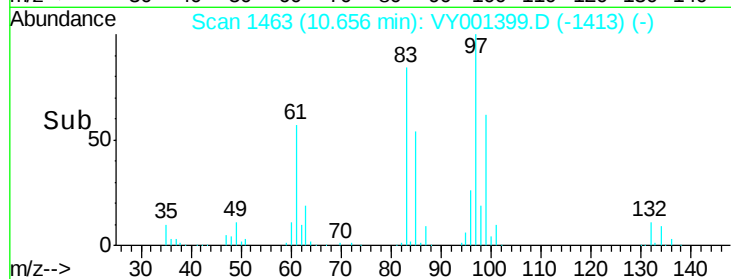
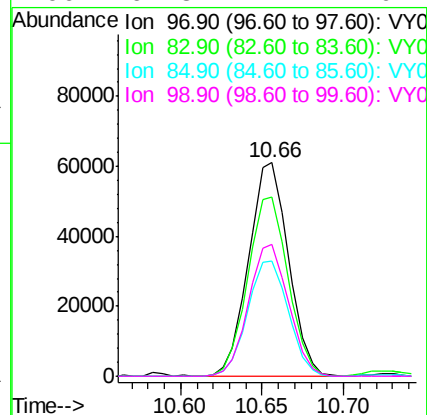
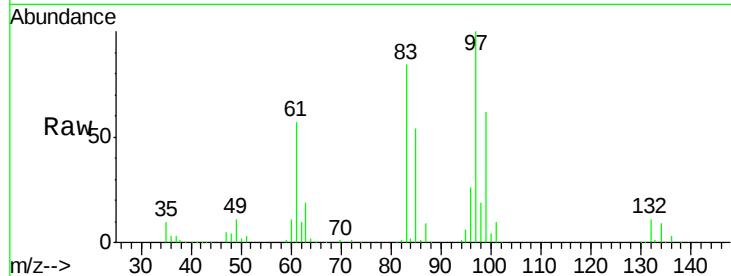
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	103226
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.0	102.0
85	54.1	43.6	65.4
99	61.8	47.1	70.7

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#56

Ethyl methacrylate

Concen: 52.580 ug/l

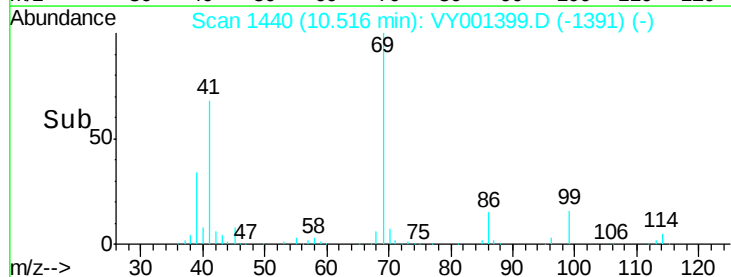
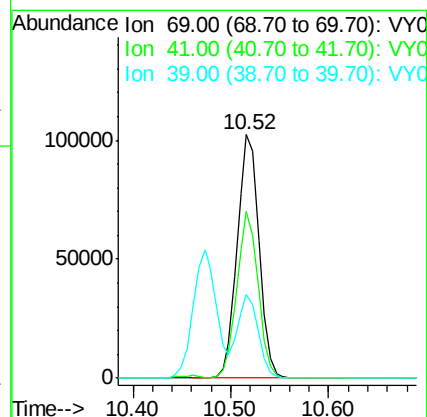
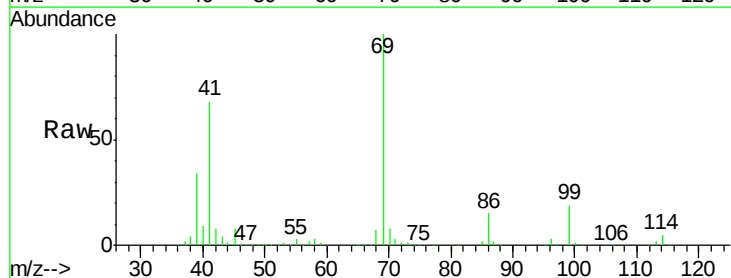
RT: 10.52 min Scan# 1440

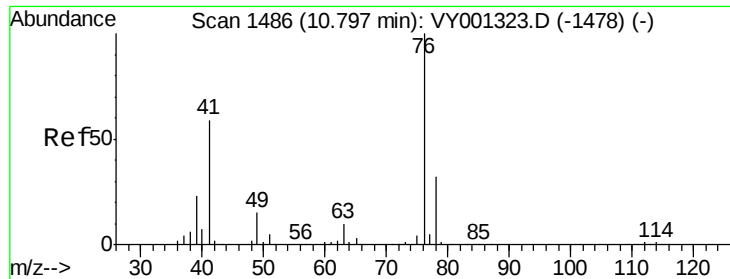
Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Tgt Ion:	69	Resp:	158599
Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.1	81.1
39	32.5	26.8	40.2





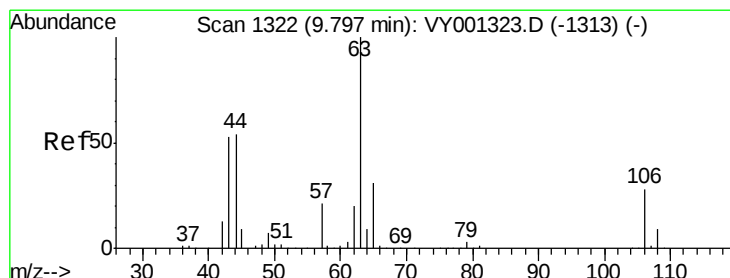
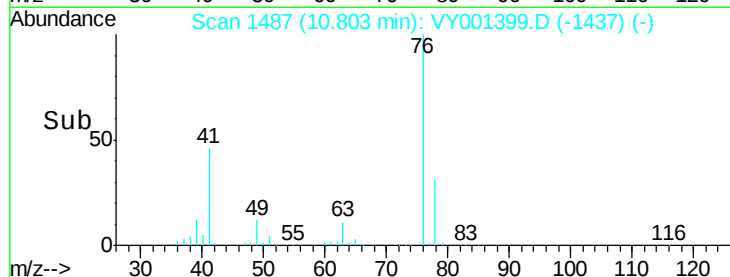
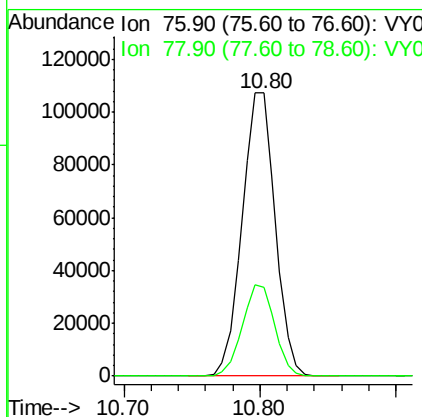
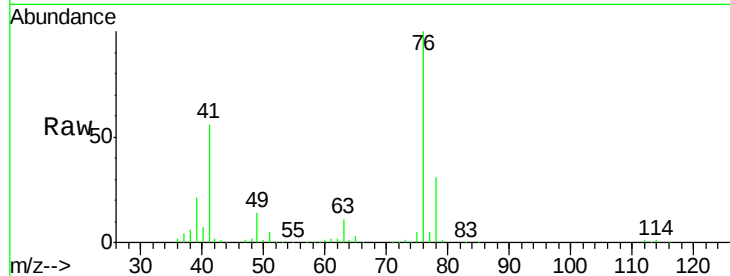
#57
 1,3-Dichloropropane
 Concen: 52.543 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 182665
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

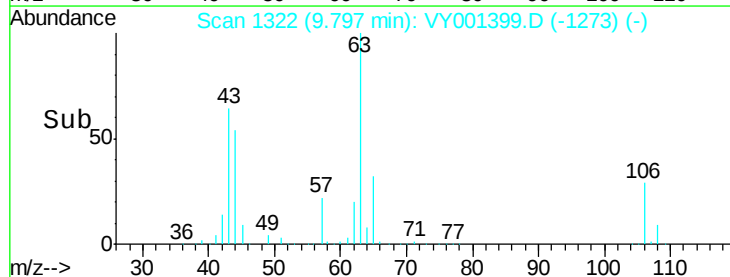
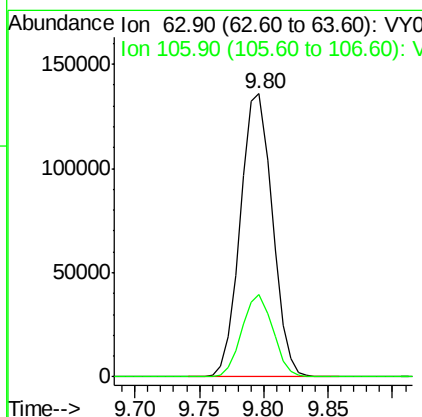
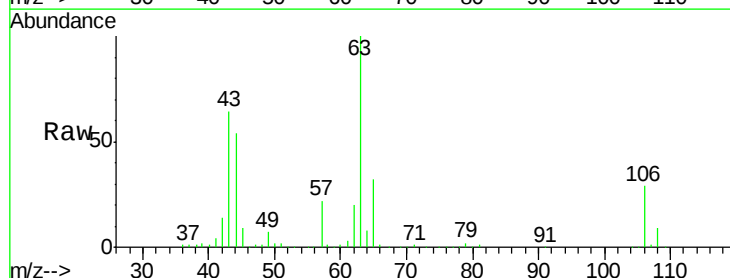
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#58
 2-Chloroethyl Vinyl ether
 Concen: 224.483 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion: 63 Resp: 234305
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.5 33.7





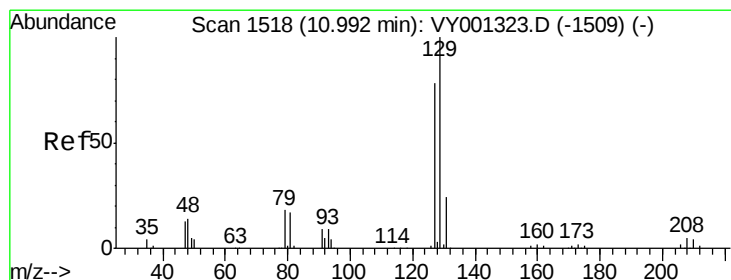
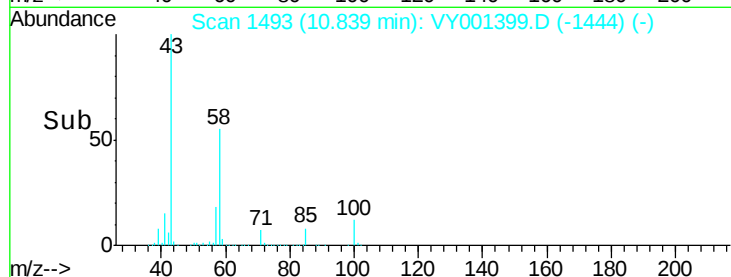
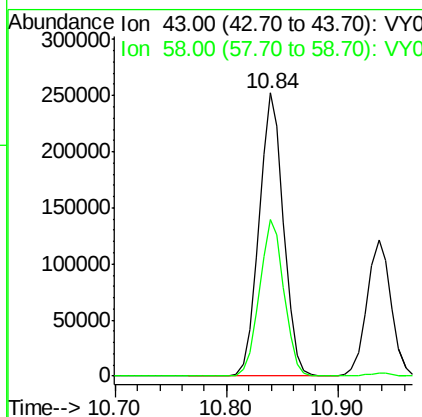
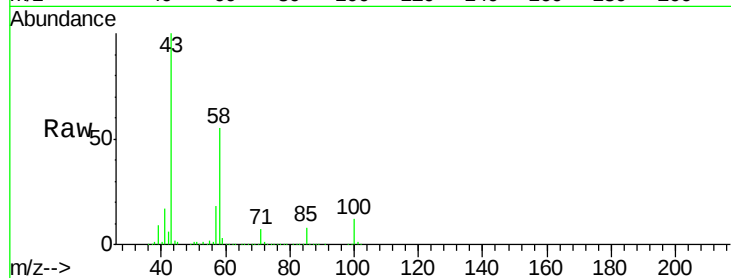
#59
2-Hexanone
Concen: 273.324 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 386821
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.8

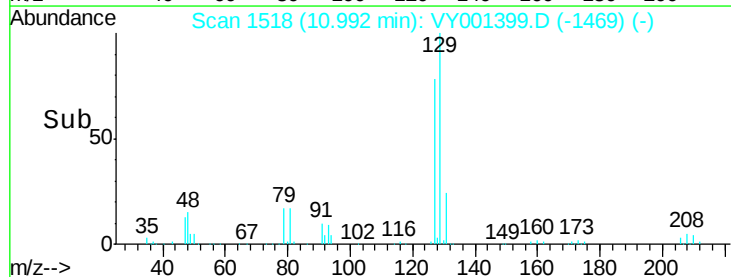
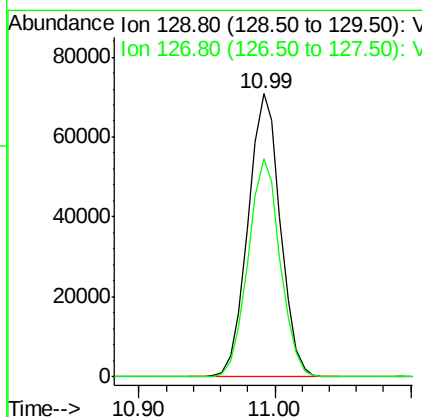
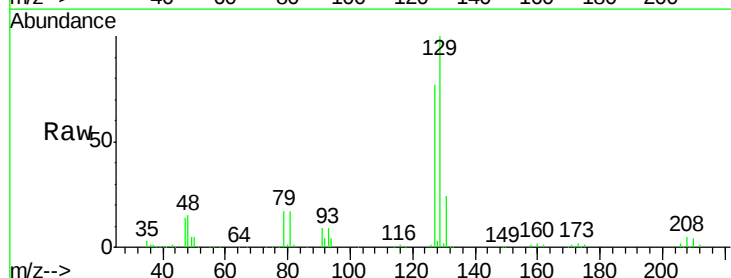
Manual Integrations
APPROVED

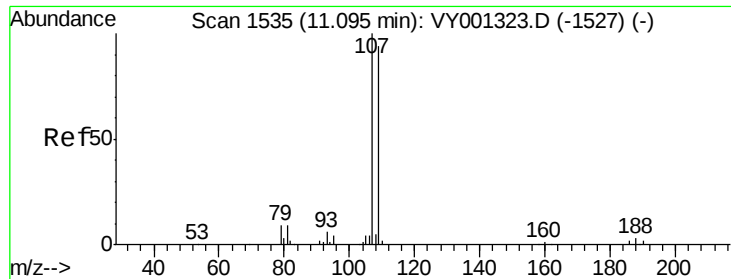
MMDadoda
1/28/2020 3:40:27 PM



#60
Dibromochloromethane
Concen: 52.718 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 129 Resp: 117671
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





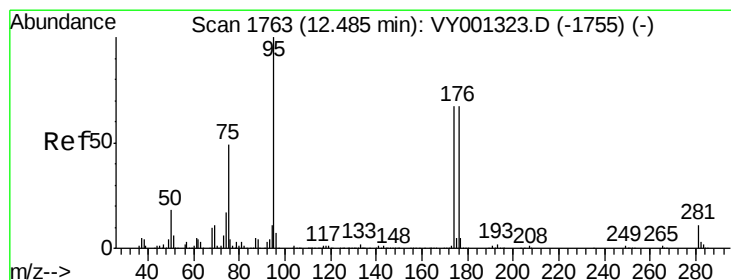
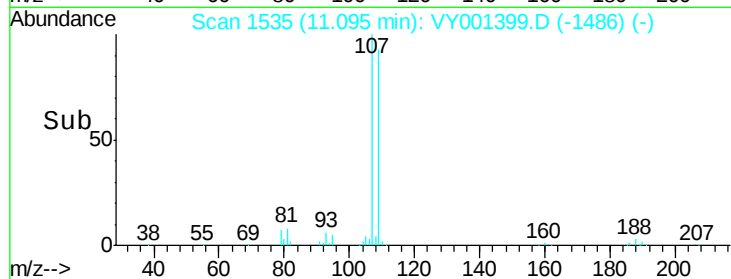
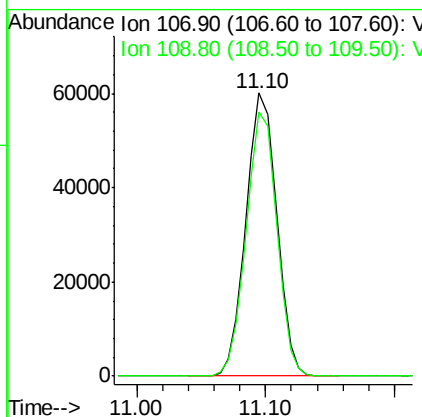
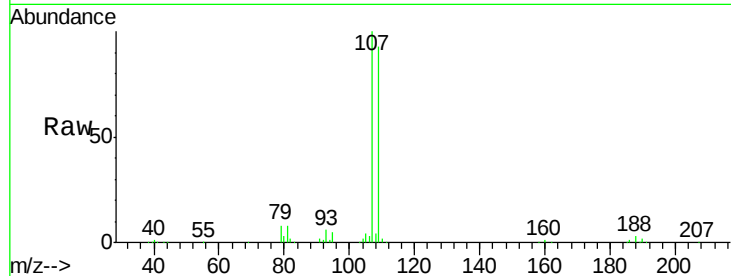
#61
 1,2-Dibromoethane
 Concen: 52.737 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.0	112.6

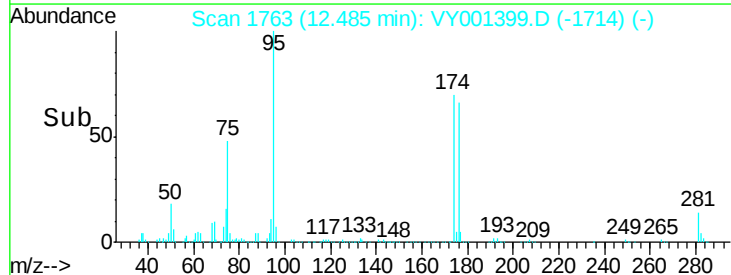
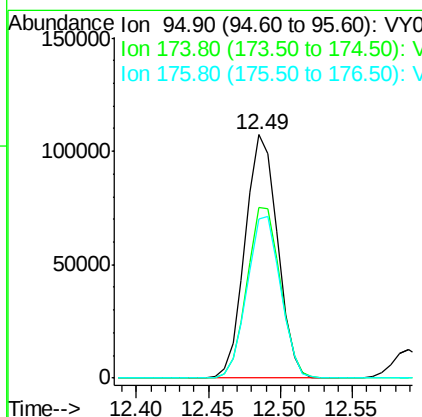
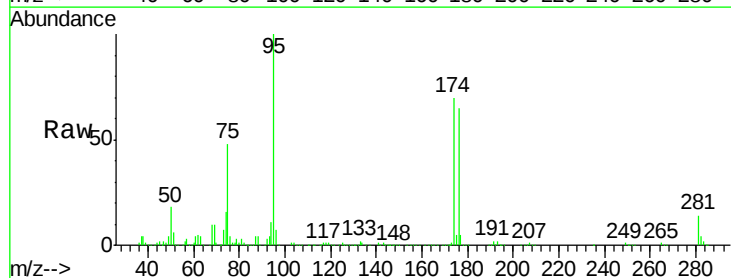
Manual Integrations
 APPROVED

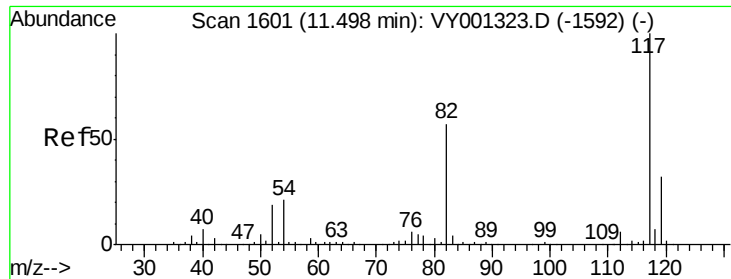
MMDadoda
 1/28/2020 3:40:27 PM



#62
 4-Bromofluorobenzene
 Concen: 52.347 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	142.0
176	68.3	0.0	138.6





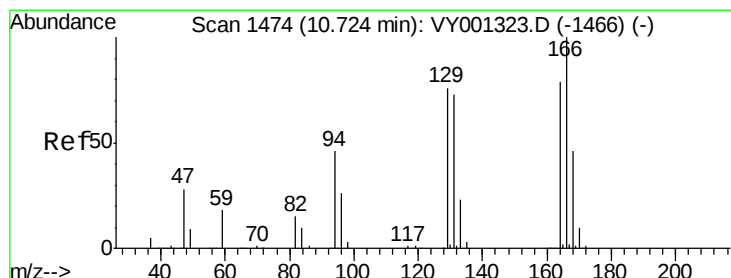
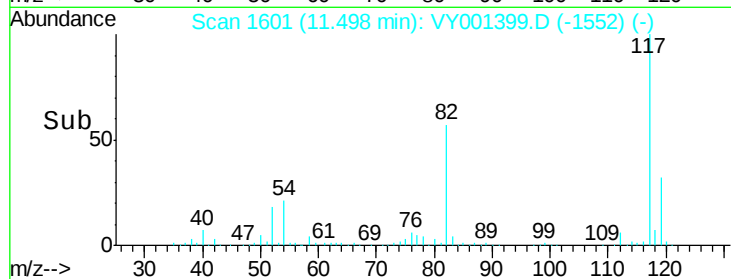
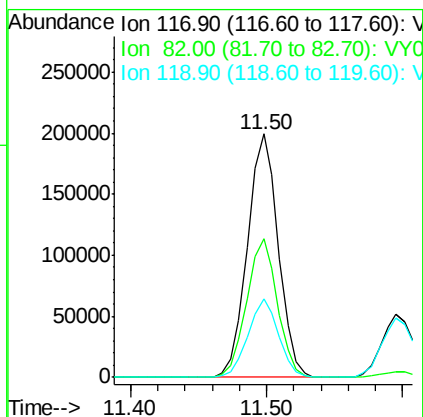
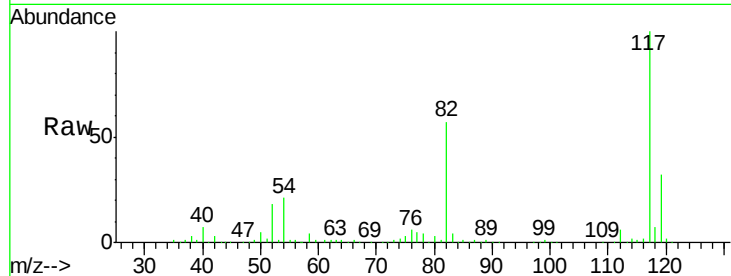
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.5	68.3
119	32.3	25.8	38.6

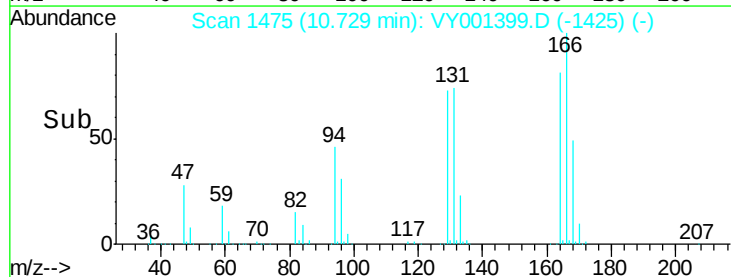
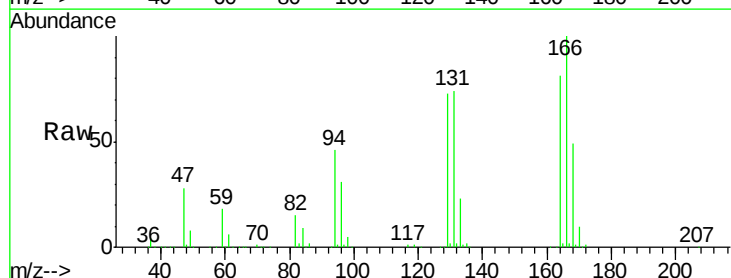
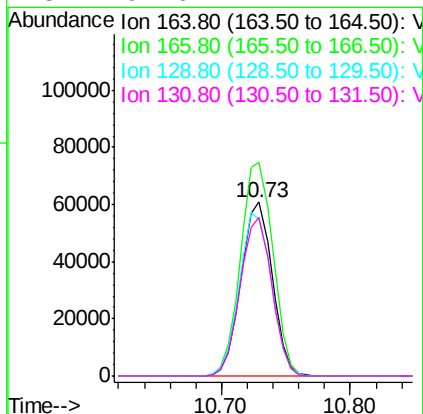
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 50.756 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	101.8	152.8
129	89.9	77.1	115.7
131	91.6	74.2	111.2





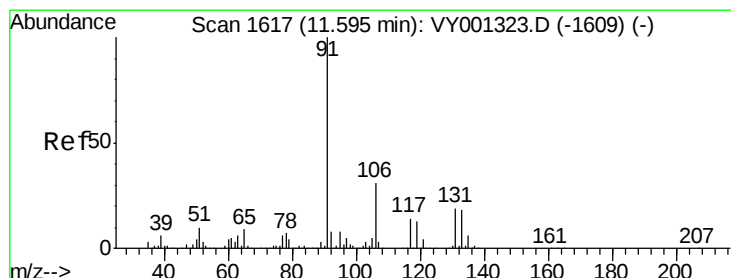
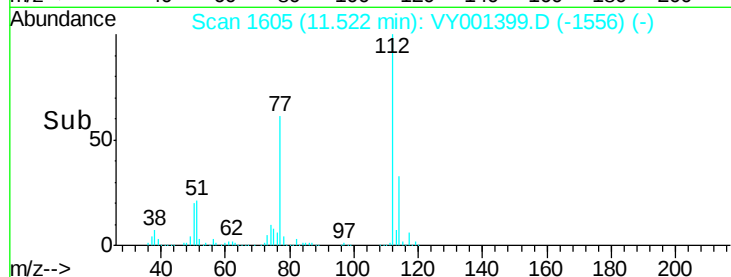
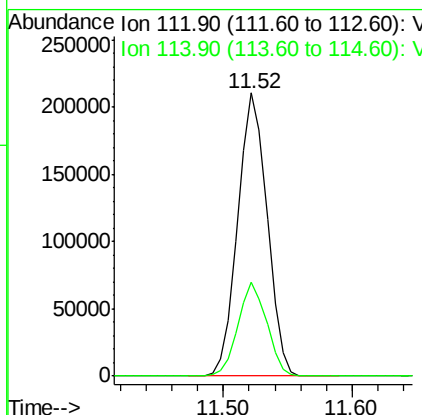
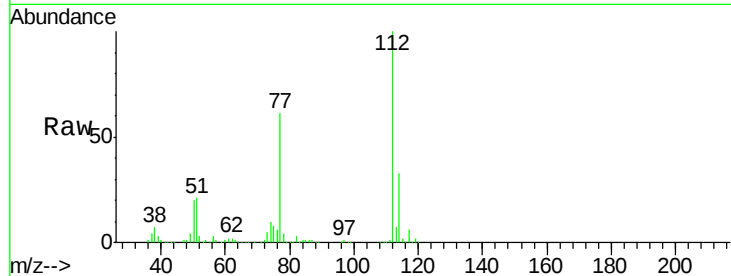
#65
Chlorobenzene
Concen: 50.001 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.8	38.6

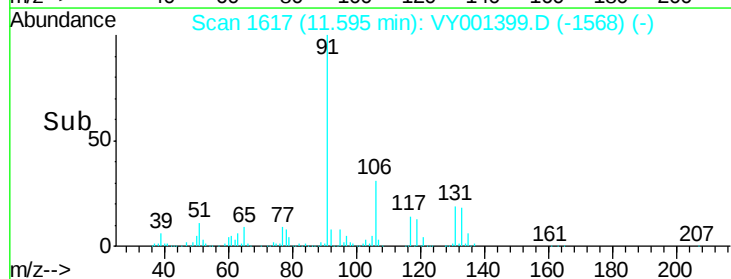
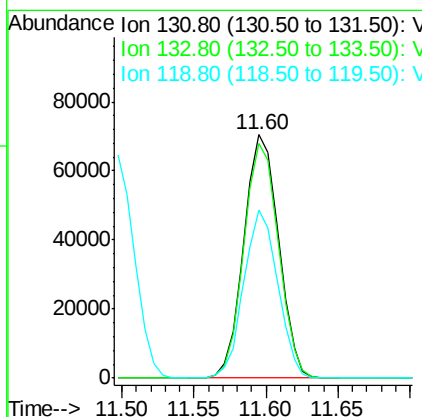
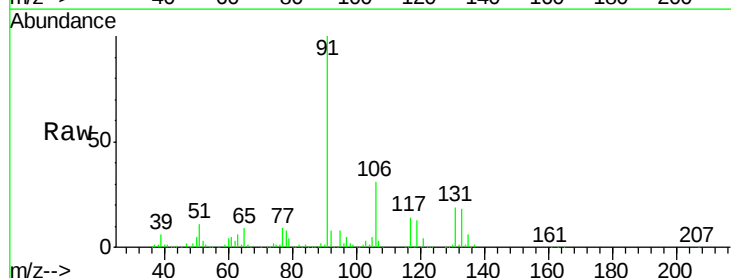
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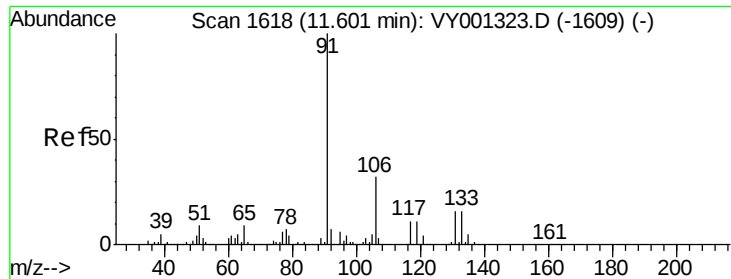
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.838 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.1	141.3
119	67.4	34.1	102.2





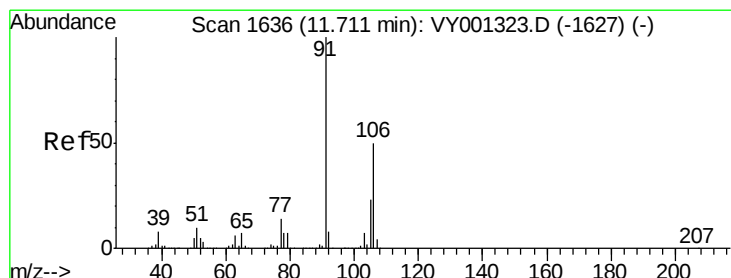
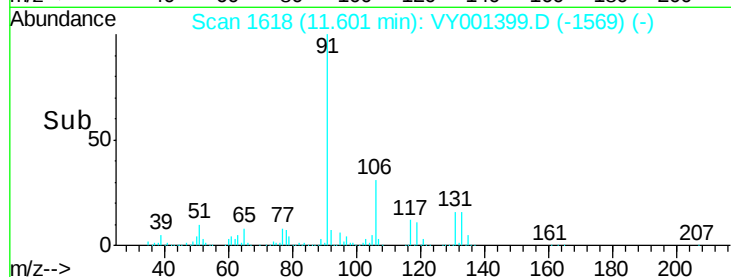
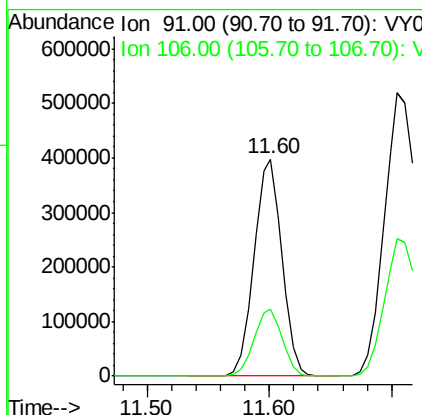
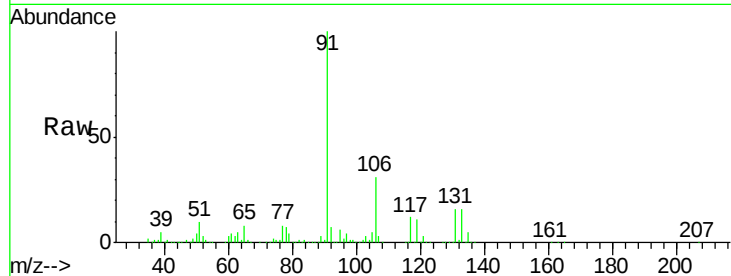
#67
Ethyl Benzene
Concen: 51.328 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 630058
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

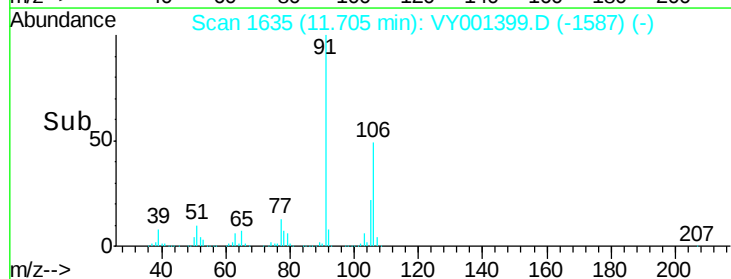
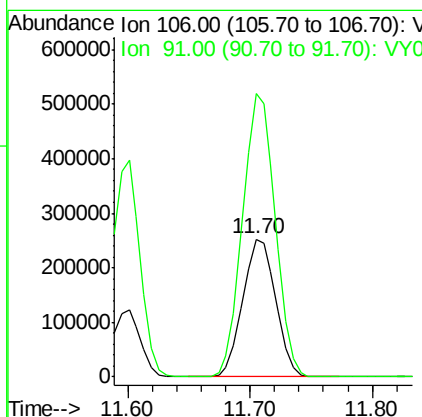
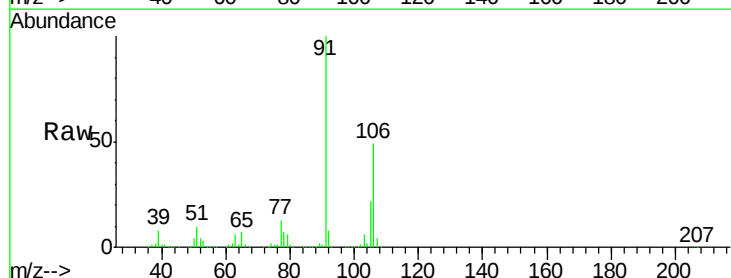
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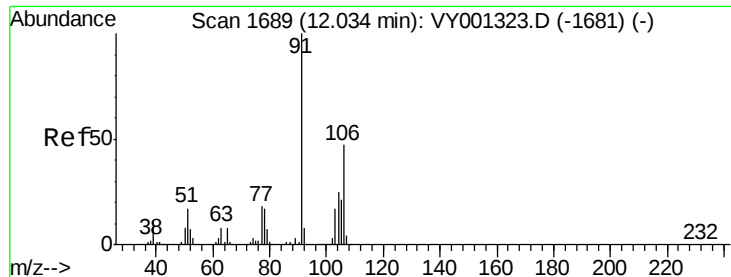
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#68
m/p-Xylenes
Concen: 102.902 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion: 106 Resp: 471768
Ion Ratio Lower Upper
106 100
91 203.9 162.8 244.2





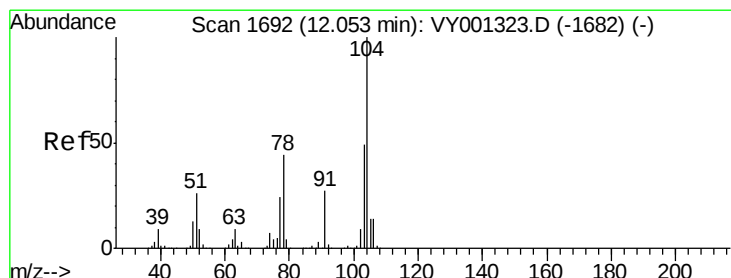
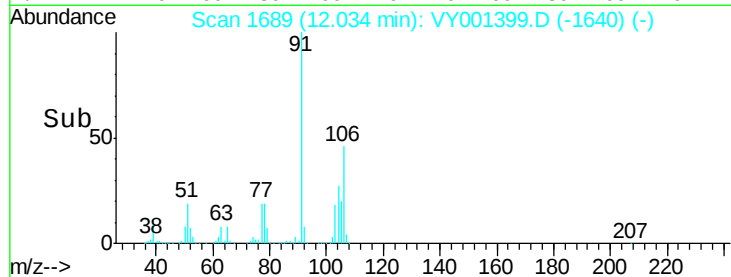
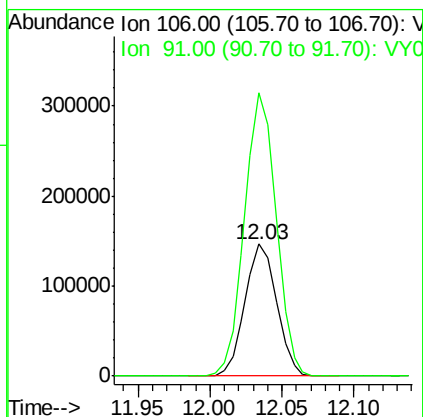
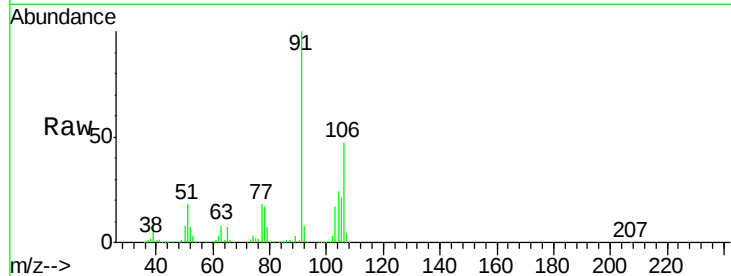
#69
o-Xylene
Concen: 50.783 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
223973	106	100		
	91	214.2	106.3	319.0

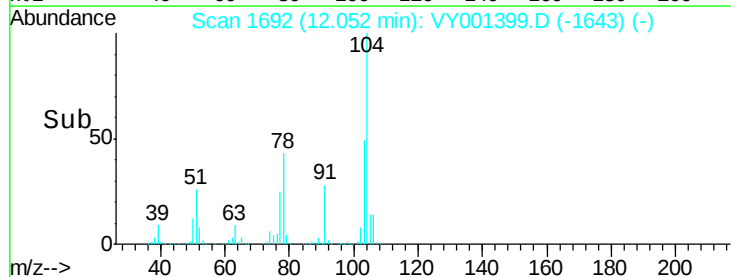
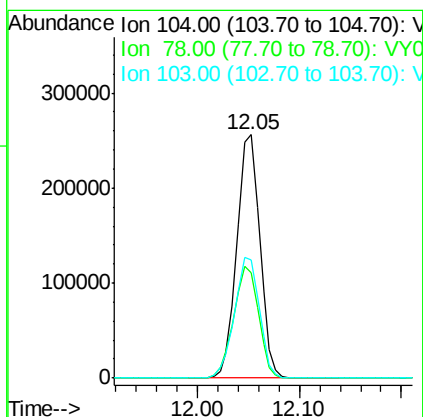
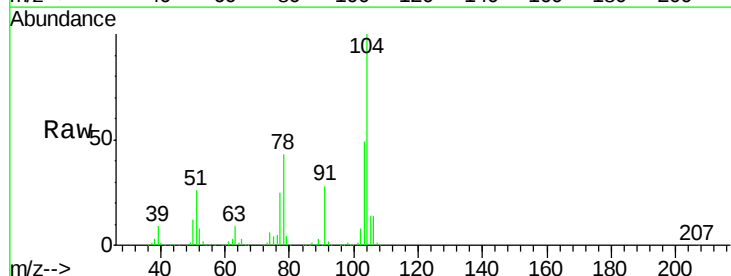
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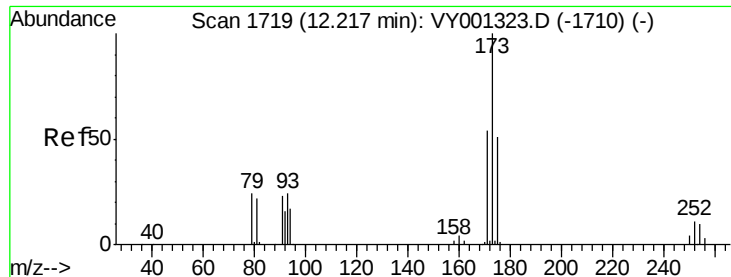
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#70
Styrene
Concen: 51.588 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ion	Ratio	Lower	Upper
399201	104	100		
	78	49.8	39.8	59.8
	103	53.7	43.2	64.8





#71

Bromoform

Concen: 52.110 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 70709

Ion Ratio Lower Upper

173 100

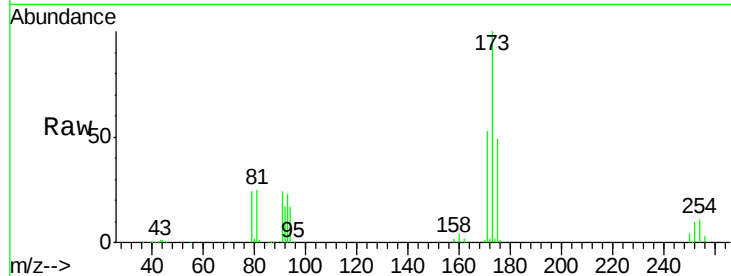
175 48.4 24.3 72.9

254 0.0 0.0 0.0

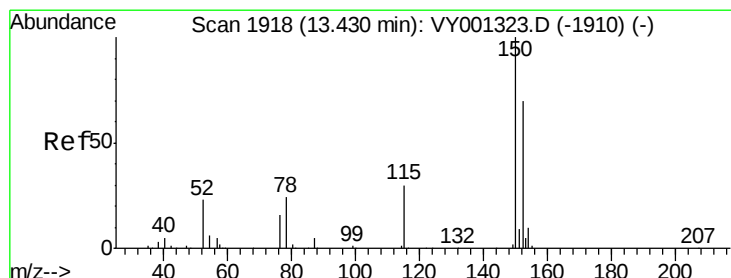
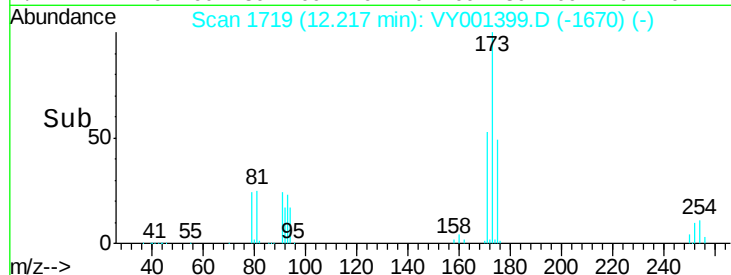
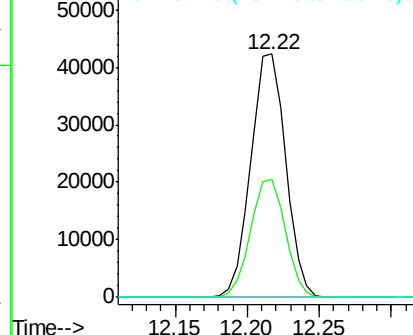
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

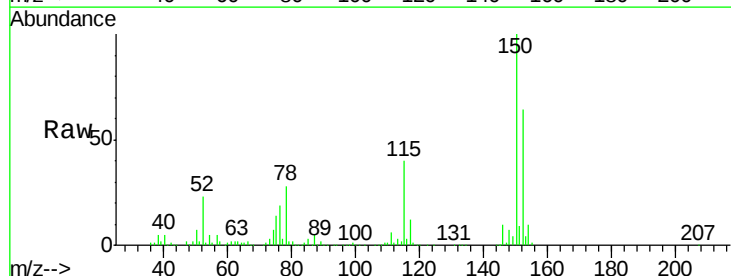
Tgt Ion:152 Resp: 150502

Ion Ratio Lower Upper

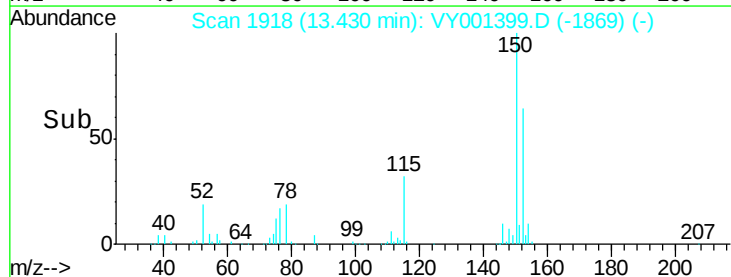
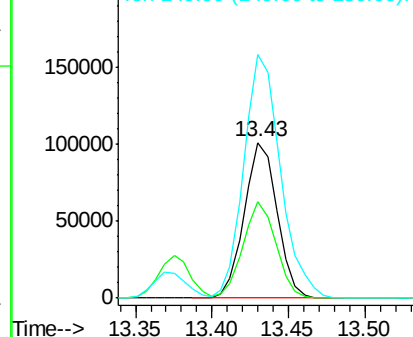
152 100

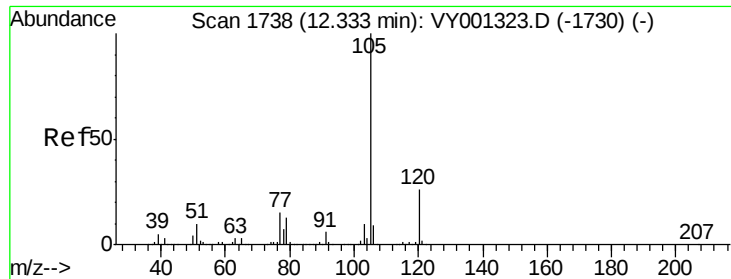
115 61.8 30.9 92.8

150 174.8 0.0 349.2



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





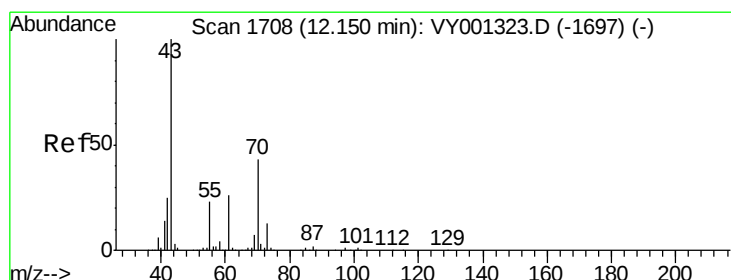
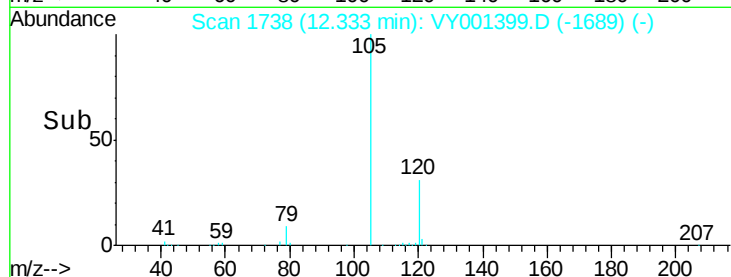
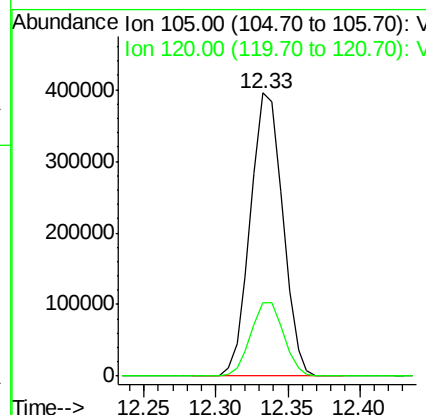
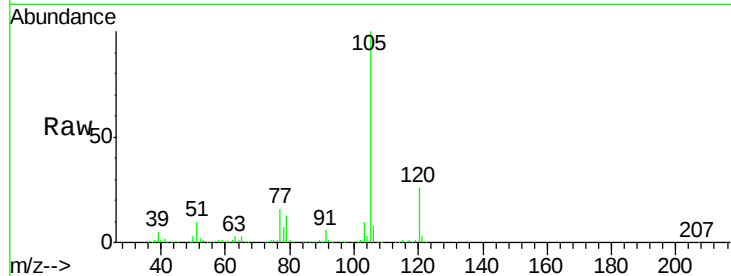
#73
Isopropylbenzene
Concen: 51.767 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.5	40.4

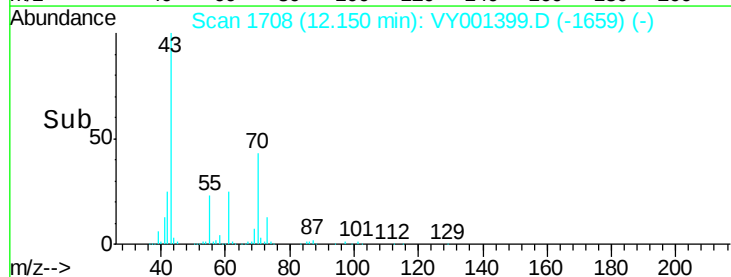
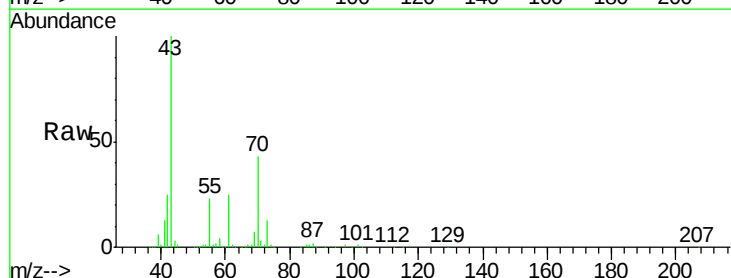
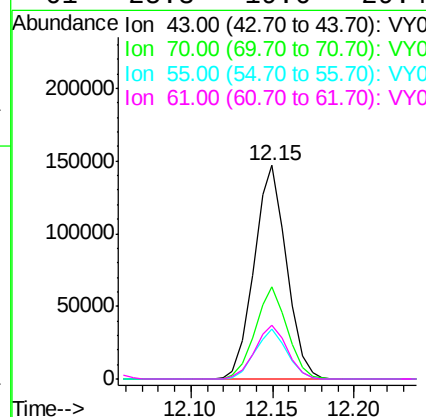
Manual Integrations
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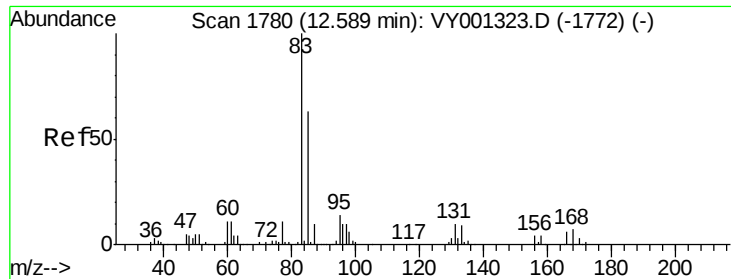
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#74
N-ethyl acetate
Concen: 52.177 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.7	33.5	50.3
55	23.2	18.2	27.2
61	25.3	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.546 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA_Y

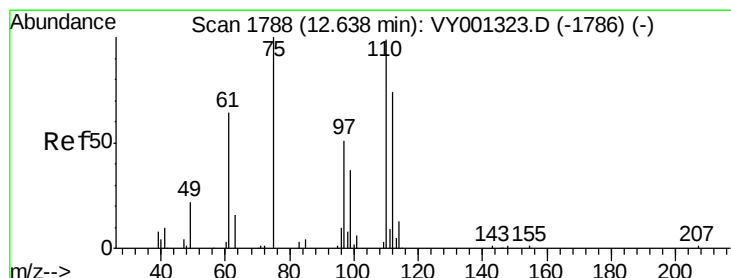
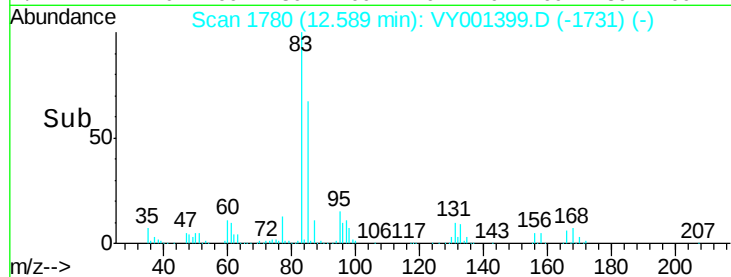
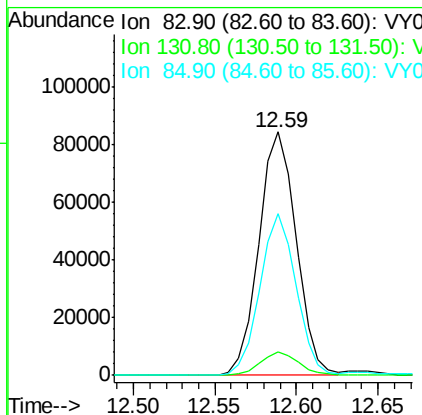
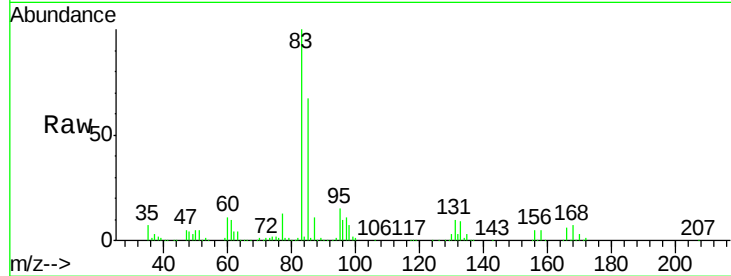
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	133645
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.6
85	64.3	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.230 ug/l m

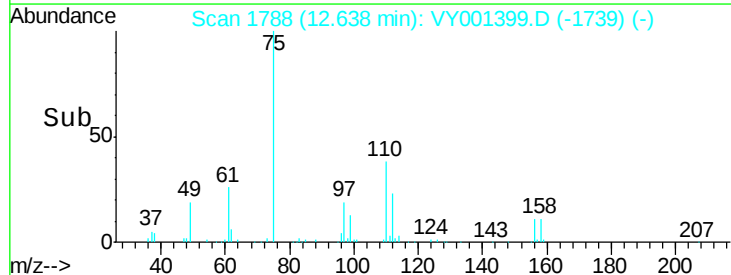
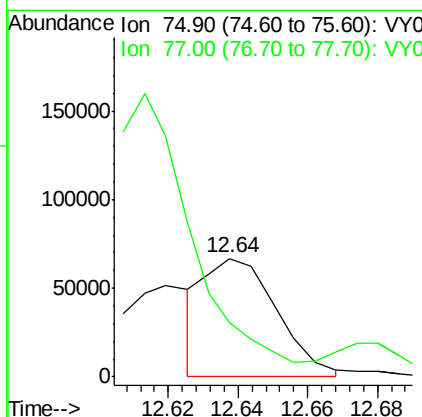
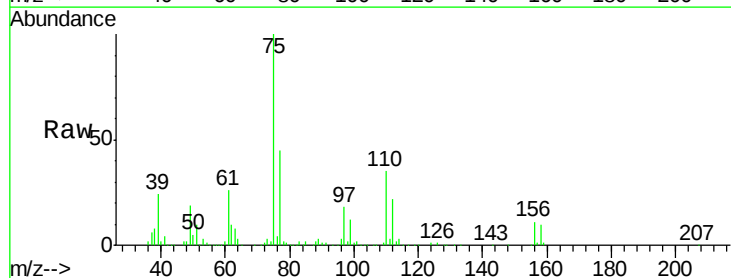
RT: 12.64 min Scan# 1788

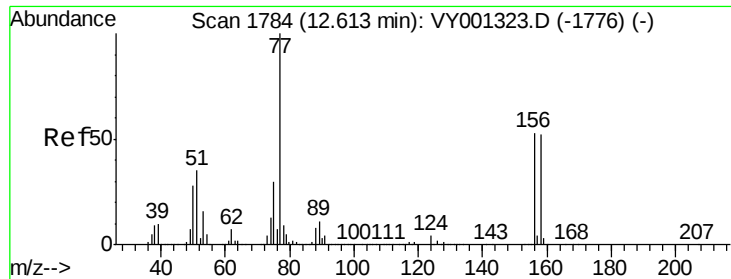
Delta R.T. -0.00 min

Lab File: VY001399.D

Acq: 27 Jan 2020 12:20

Tgt Ion:	75	Resp:	96535
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





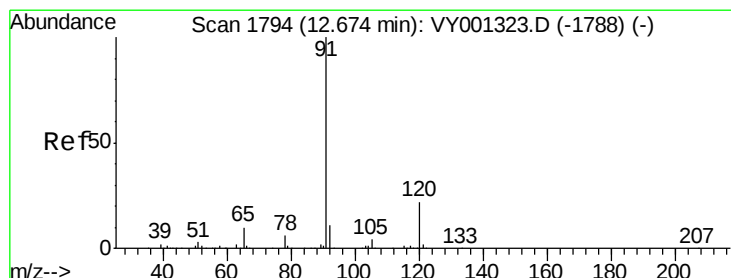
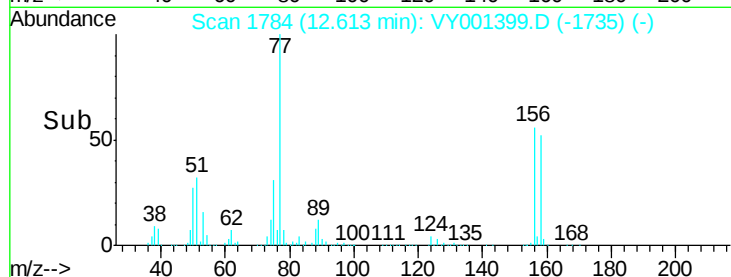
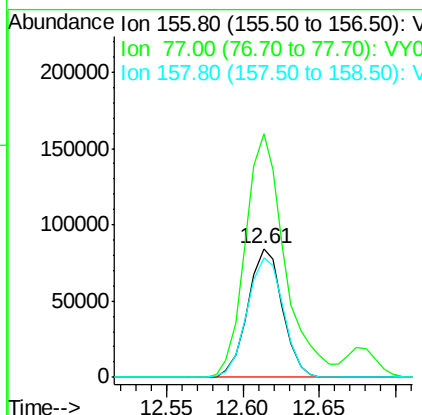
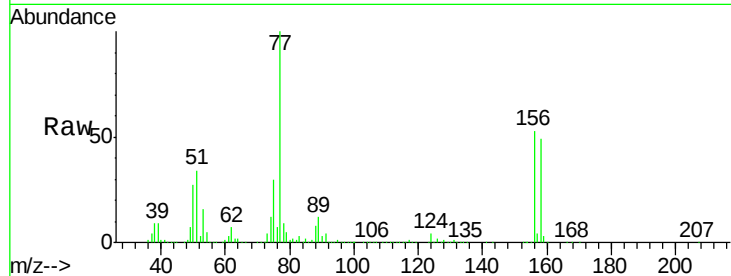
#77
Bromobenzene
Concen: 50.660 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	214.0	104.7	313.9
158	97.0	48.6	145.8

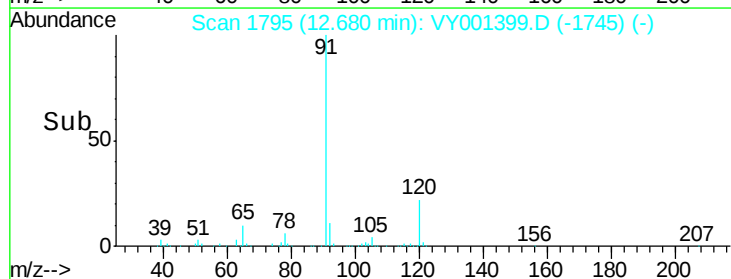
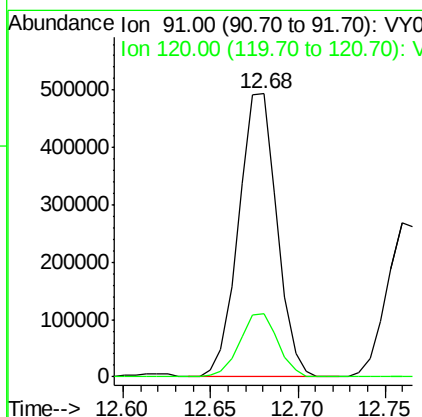
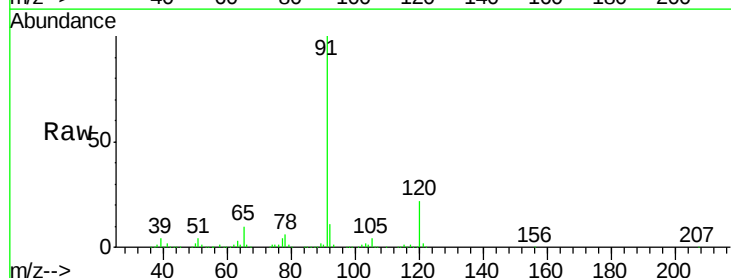
Manual Integrations
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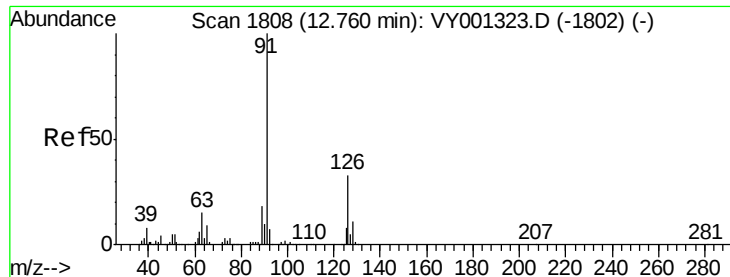
MMDadoda
1/28/2020 3:40:27 PM



#78
n-propylbenzene
Concen: 52.543 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.8





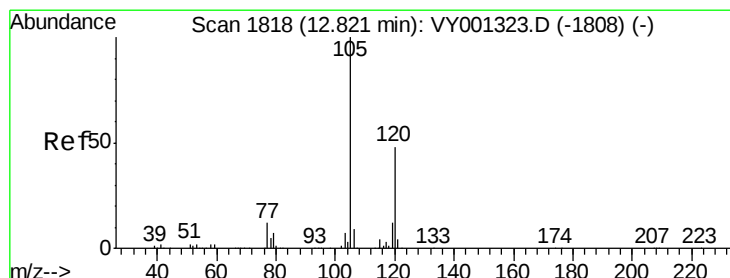
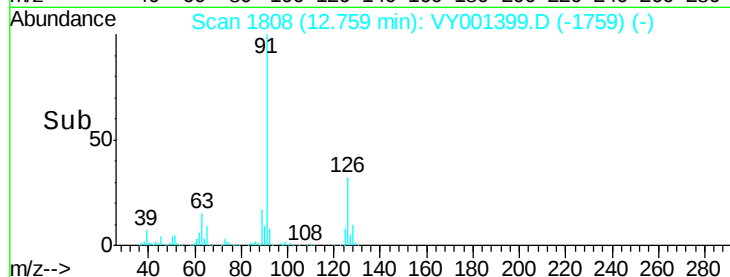
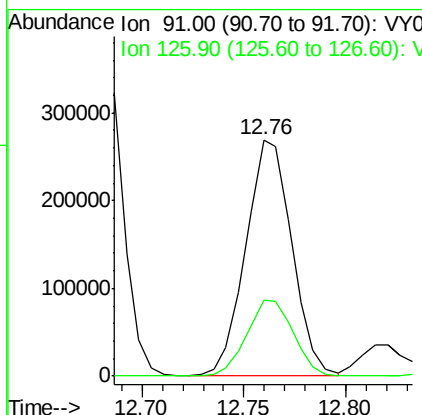
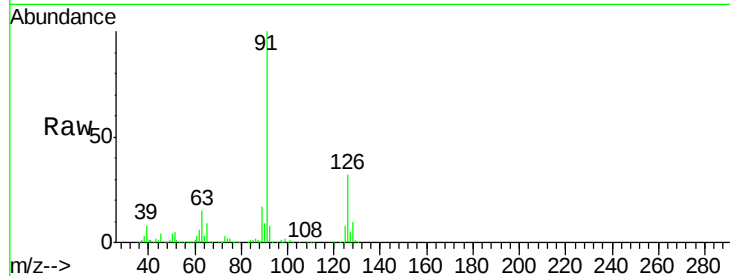
#79
 2-Chlorotoluene
 Concen: 51.834 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 423276
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.6 49.7

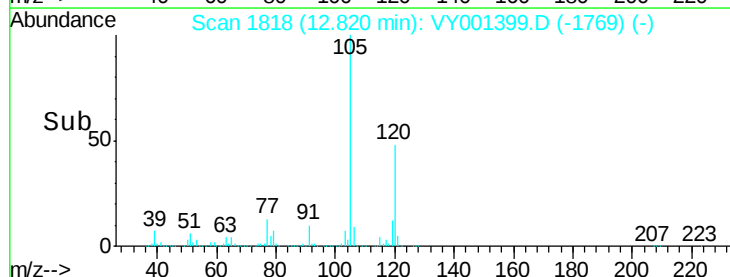
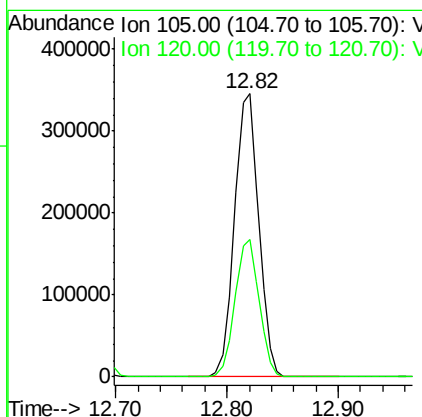
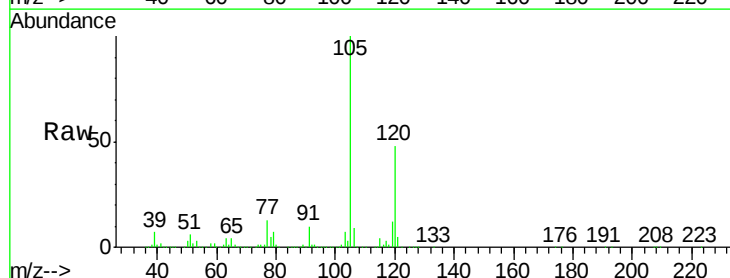
Manual Integrations
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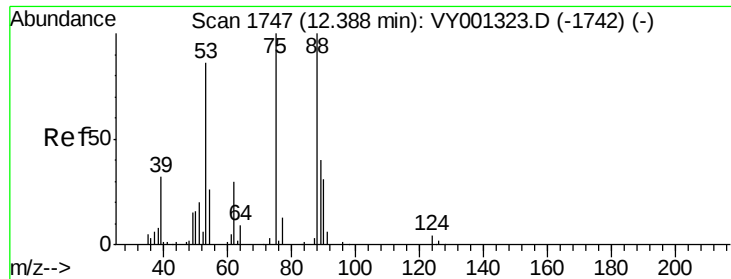
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.438 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion: 105 Resp: 519820
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9





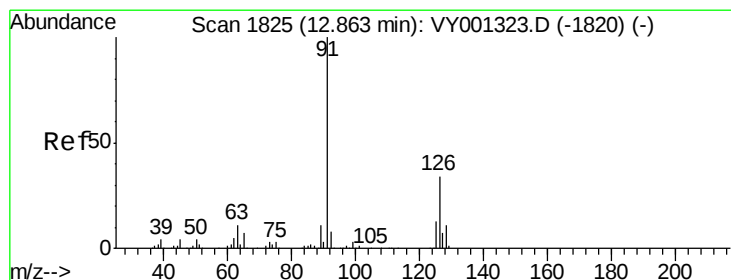
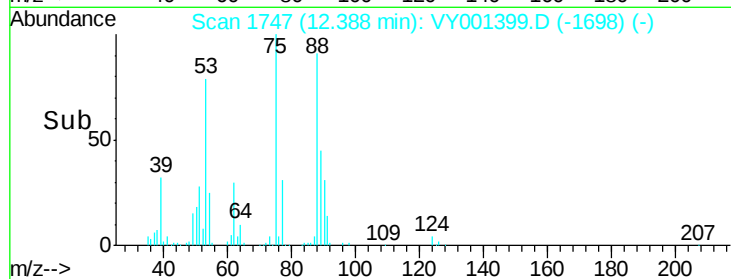
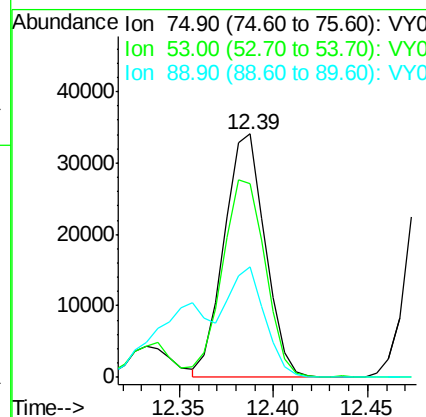
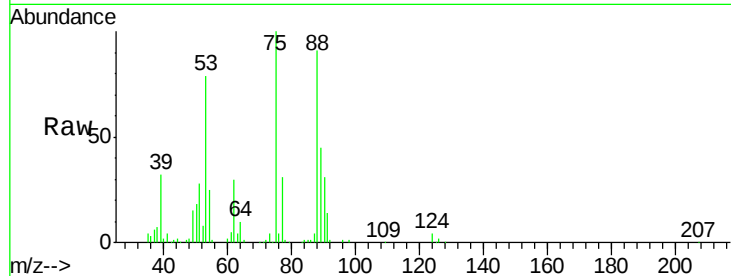
#81
trans-1,4-Dichloro-2-butene
Concen: 53.822 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.2	69.9	104.9
89	40.4	36.6	54.8

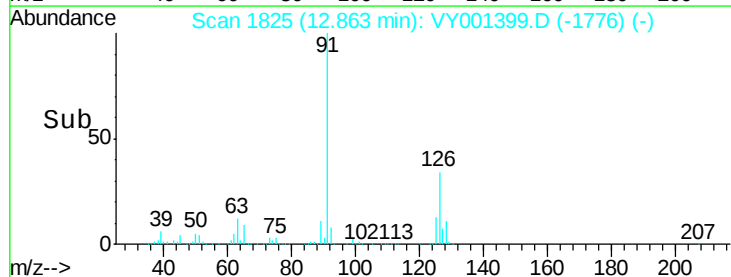
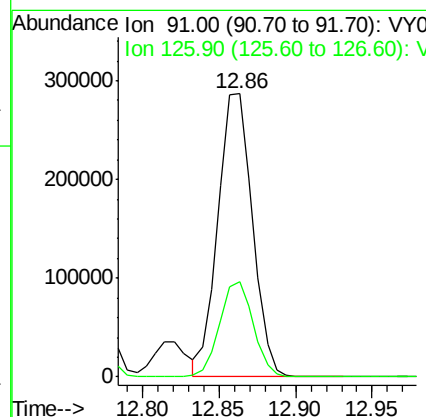
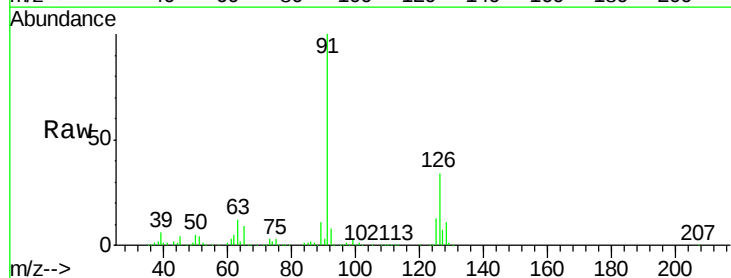
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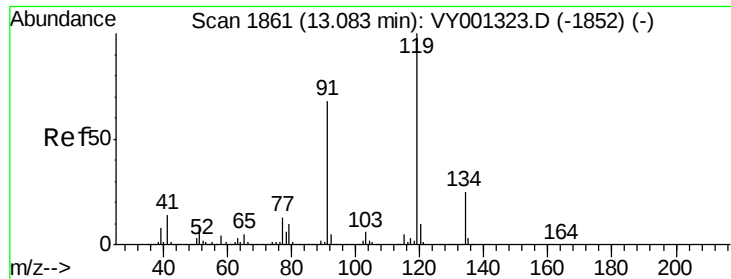
MMDadoda
1/28/2020 3:40:27 PM



#82
4-Chlorotoluene
Concen: 51.592 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





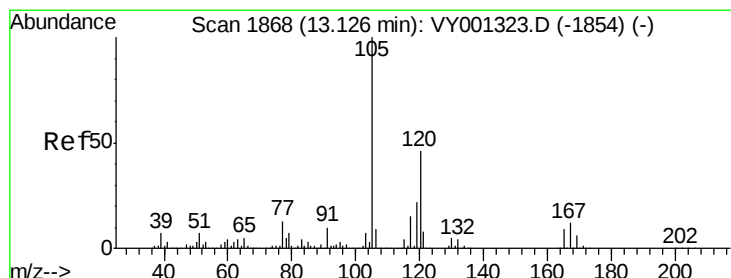
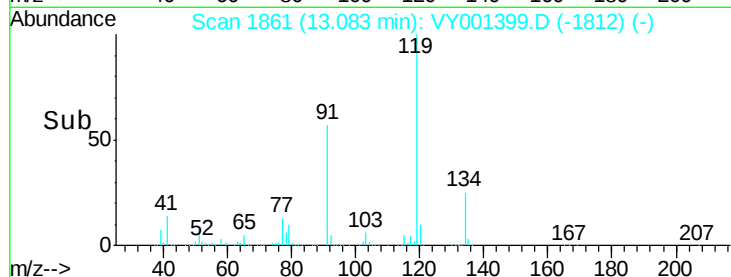
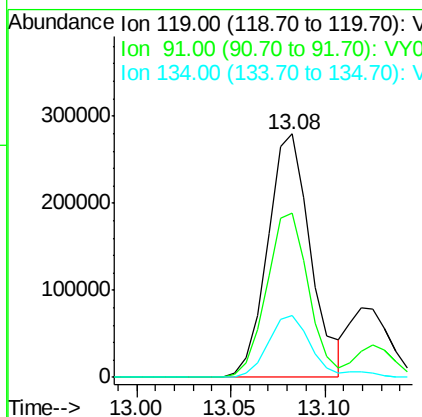
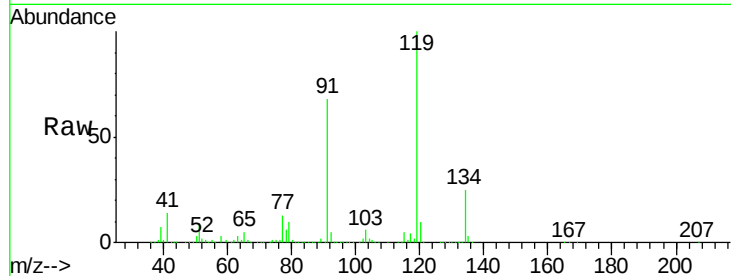
#83
 tert-Butylbenzene
 Concen: 52.997 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.0	99.0
134	26.3	13.3	39.9

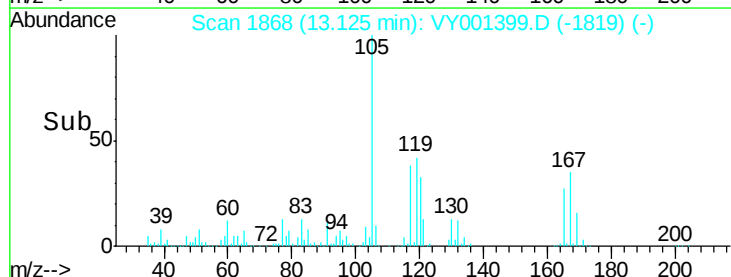
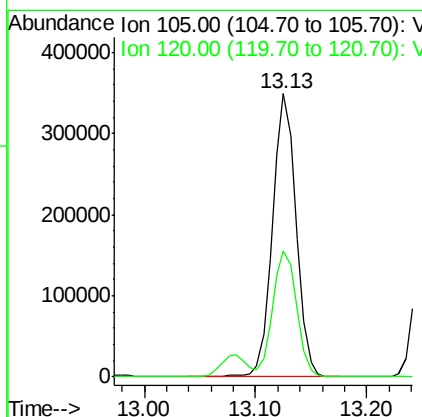
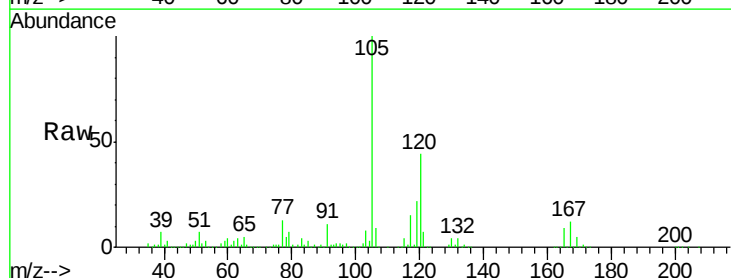
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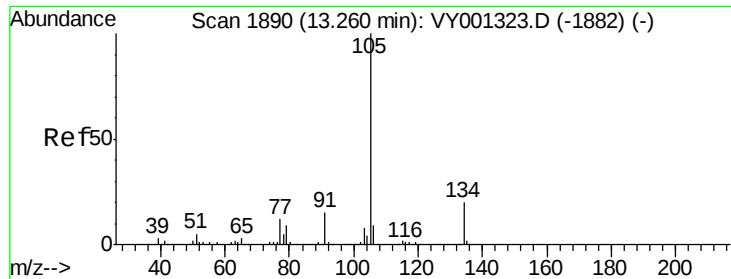
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.549 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.3





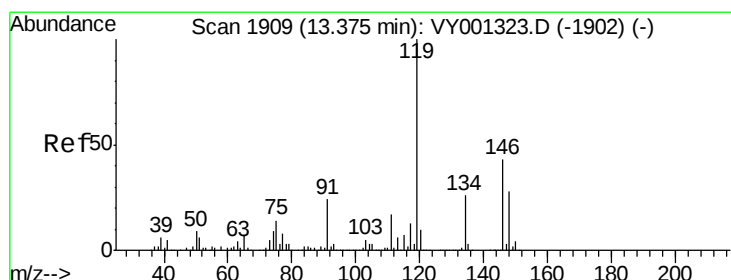
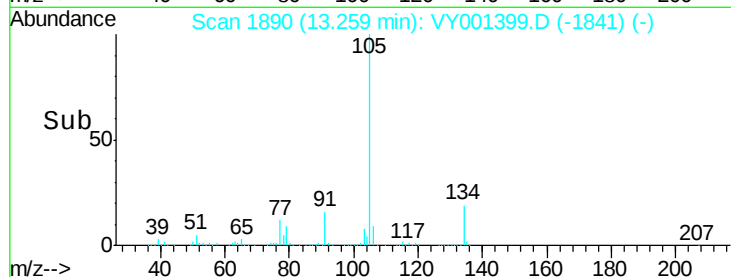
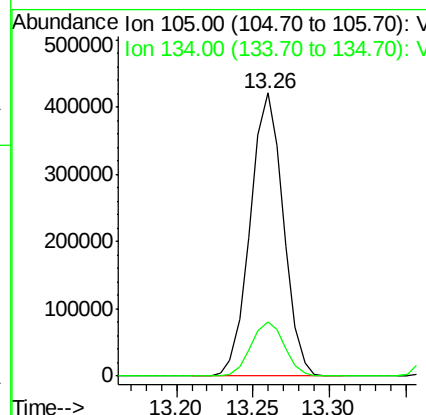
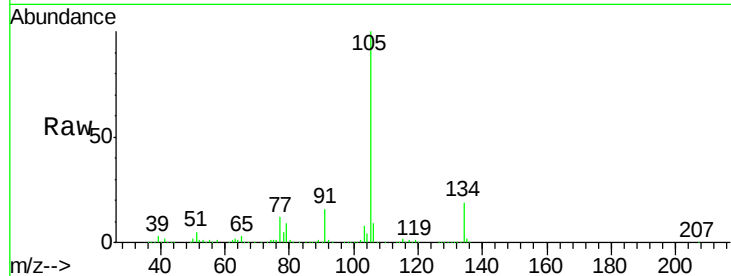
#85
 sec-Butylbenzene
 Concen: 53.321 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

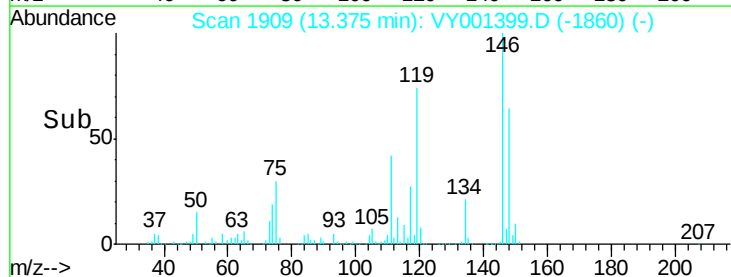
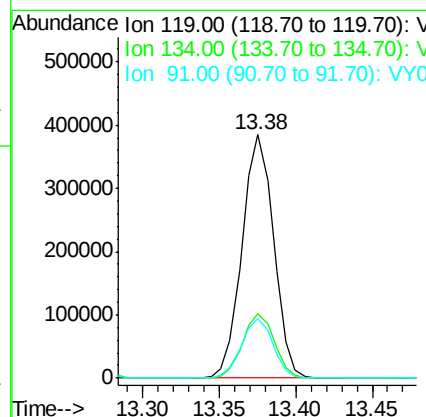
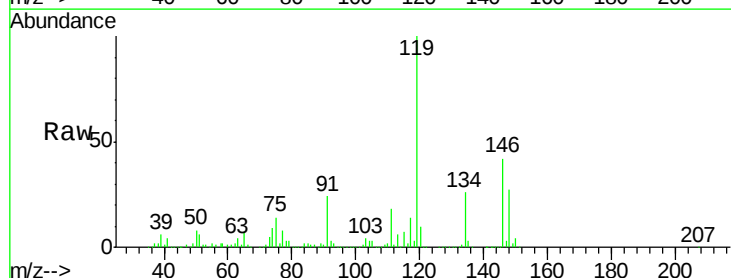
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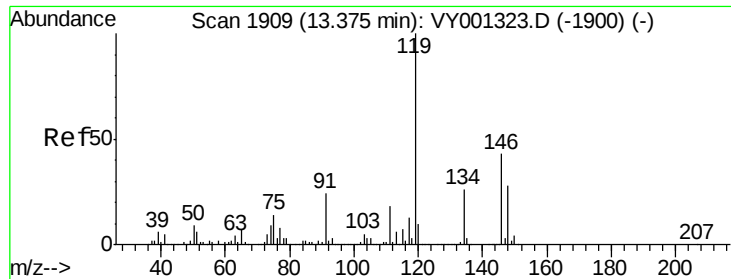
MMDadoda
 1/28/2020 3:40:27 PM



#86
 p-Isopropyltoluene
 Concen: 52.639 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.4
91	24.4	12.2	36.6





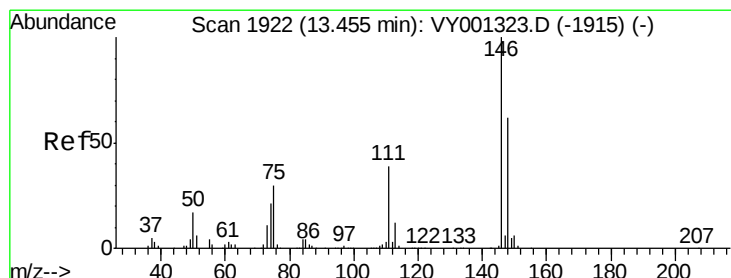
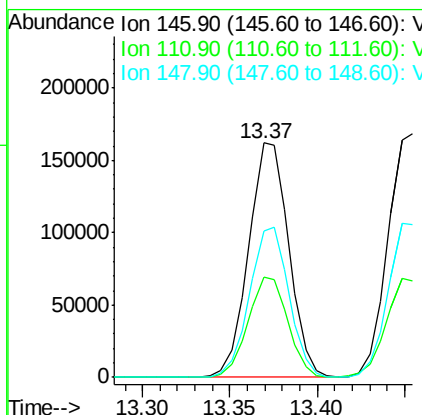
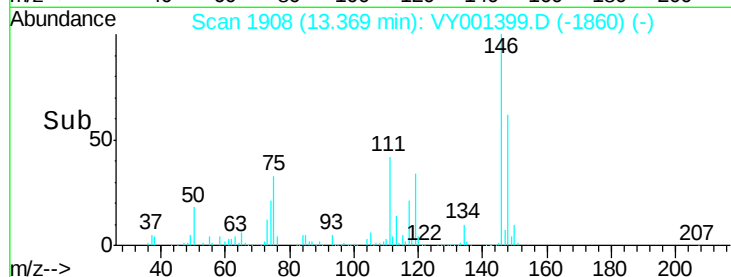
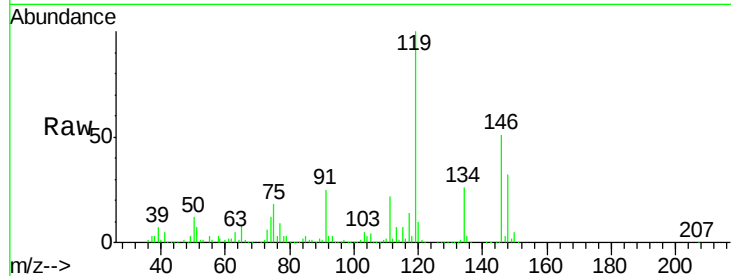
#87
 1,3-Dichlorobenzene
 Concen: 51.389 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	260330		
111	42.3	20.6	61.8	
148	62.9	31.6	95.0	

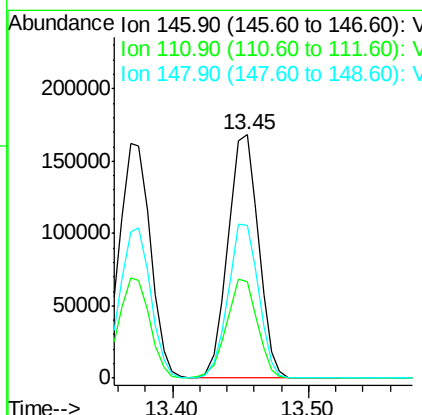
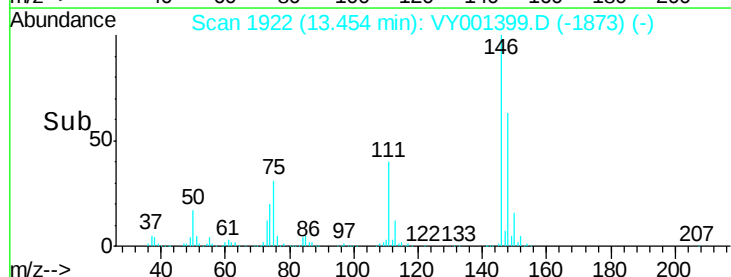
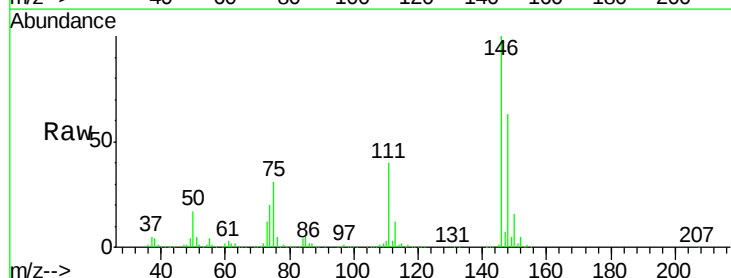
Manual Integrations
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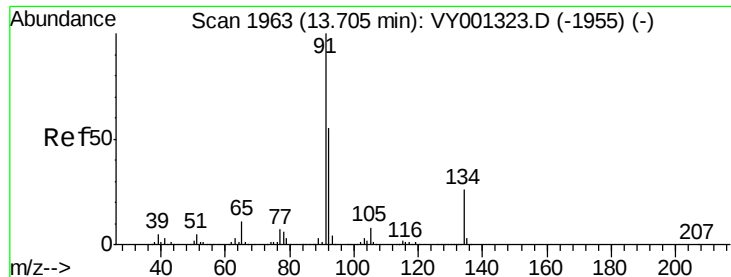
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 51.267 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	263698		
111	40.6	20.5	61.5	
148	62.9	31.6	95.0	





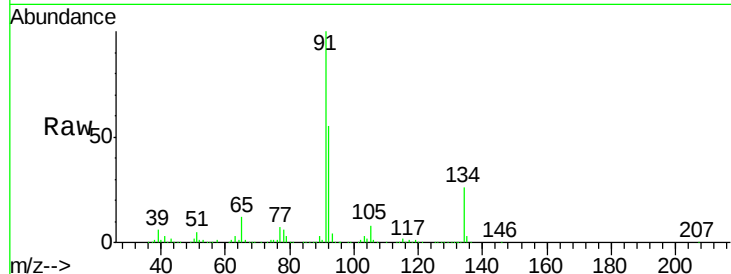
#89
n-Butylbenzene
Concen: 53.389 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	27.6	82.8	
134	25.0	12.9	38.6	

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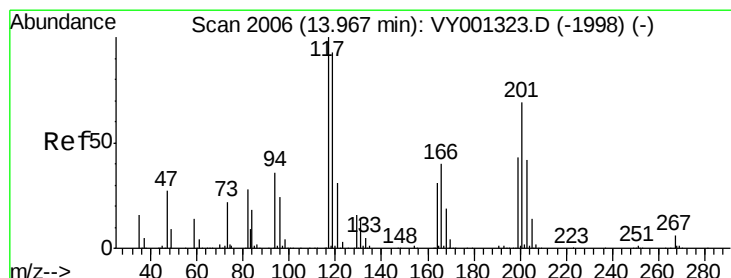
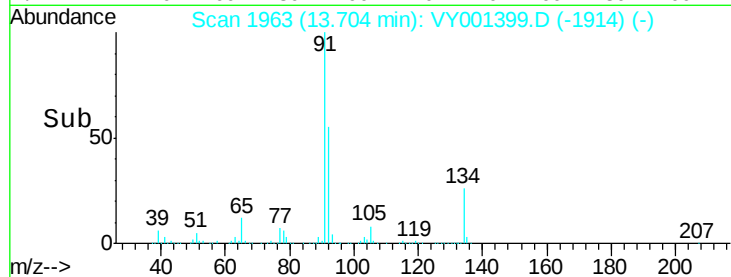
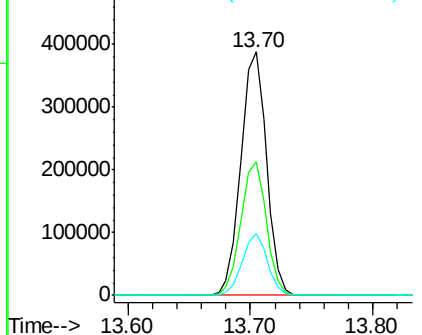


Abundance

Ion 91.00 (90.70 to 91.70): VY001323.D (-1955) (-)

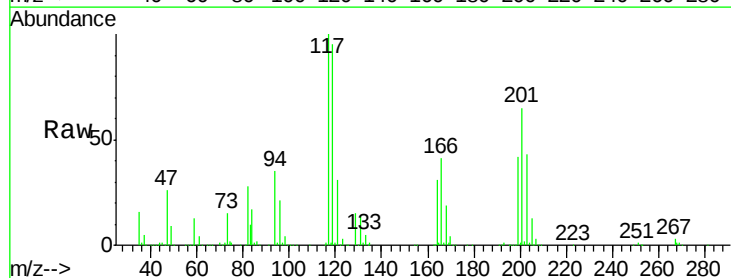
Ion 92.00 (91.70 to 92.70): VY001323.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001323.D (-1955) (-)



#90
Hexachloroethane
Concen: 54.354 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

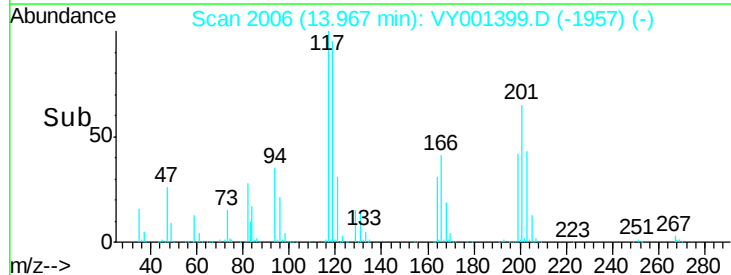
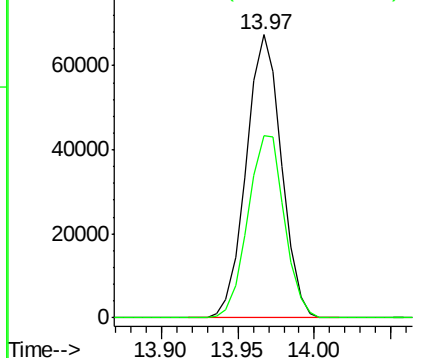
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.9	34.6	103.8	

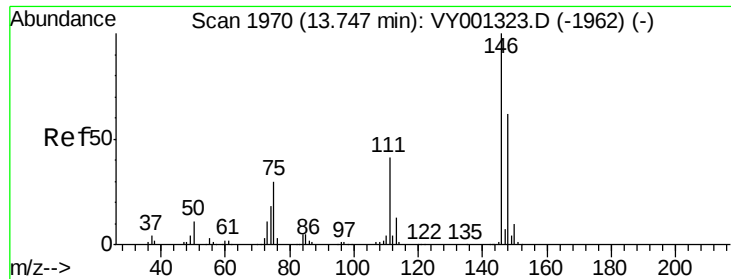


Abundance

Ion 116.80 (116.50 to 117.50): VY001323.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY001323.D (-1998) (-)





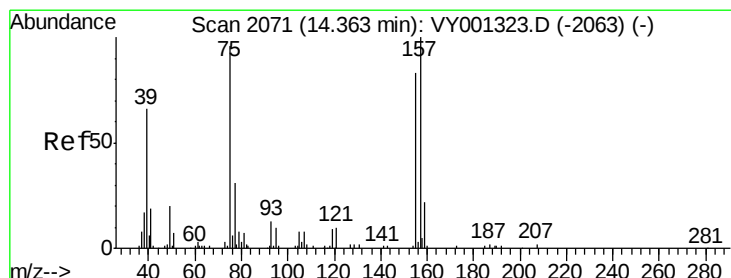
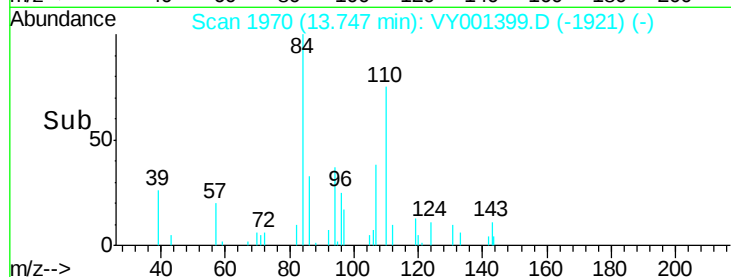
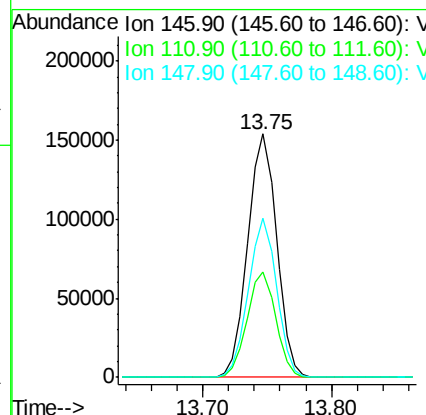
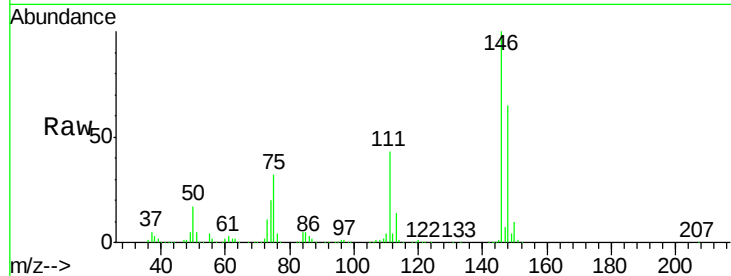
#91
 1,2-Dichlorobenzene
 Concen: 51.020 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	238362		
111	43.0	21.1	63.4	
148	63.7	31.5	94.5	

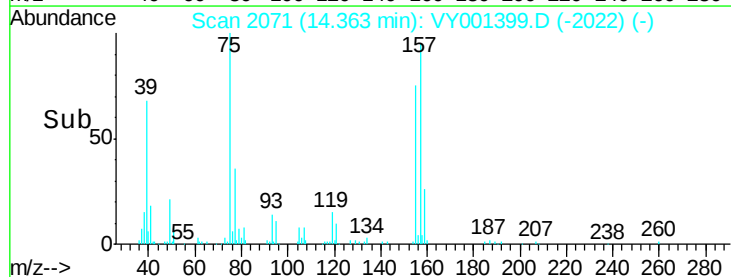
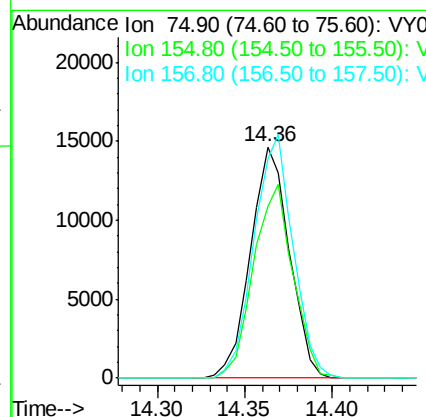
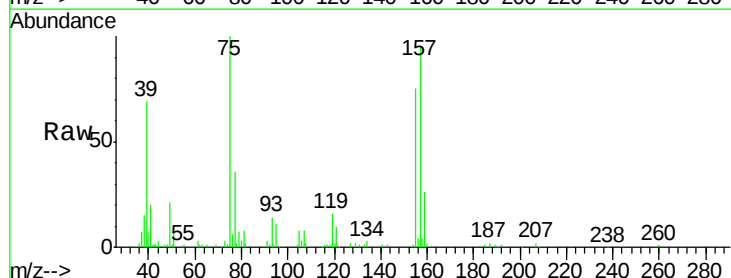
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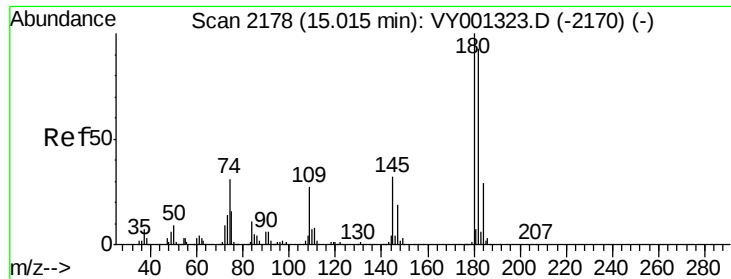
MMDadoda
 1/28/2020 3:40:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.606 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22649		
155	85.1	43.0	129.2	
157	105.7	53.3	160.0	





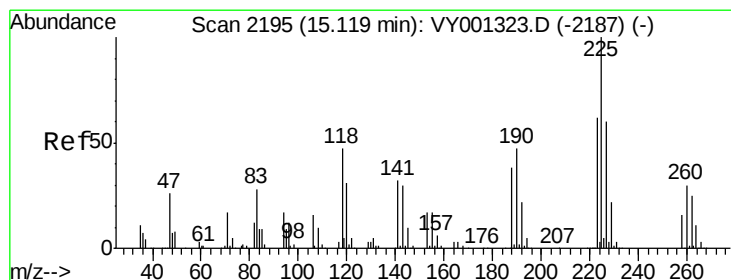
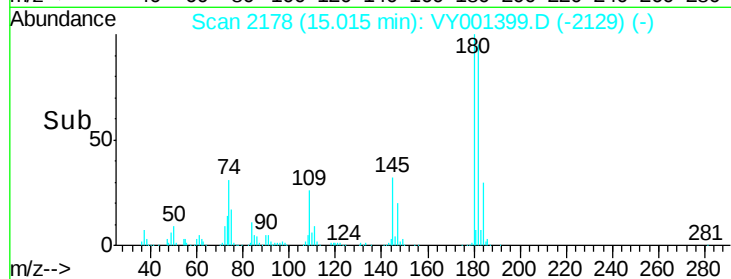
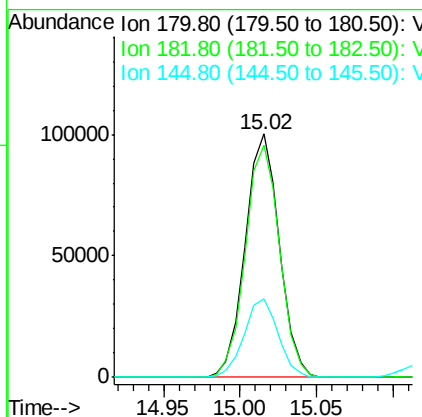
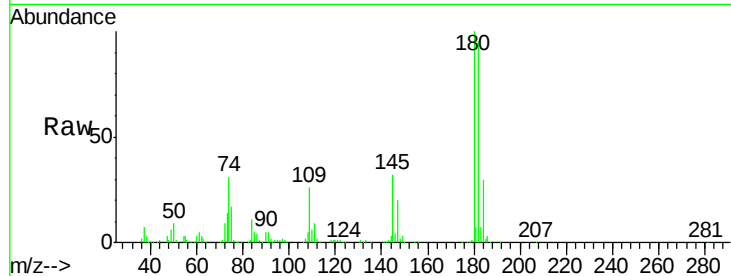
#93
 1,2,4-Trichlorobenzene
 Concen: 49.557 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155393		
182	95.6	47.6	142.8	
145	32.2	16.3	48.9	

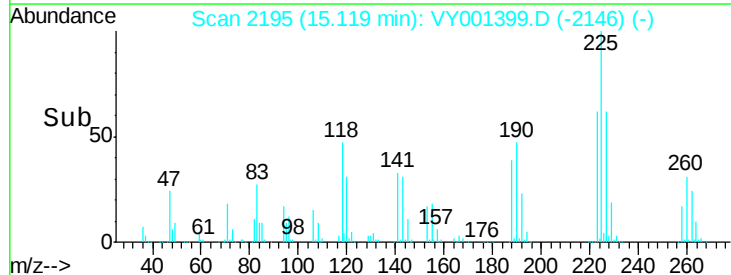
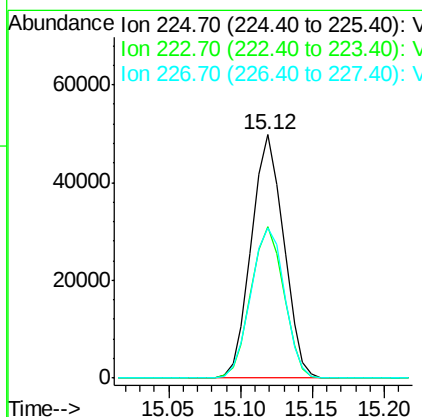
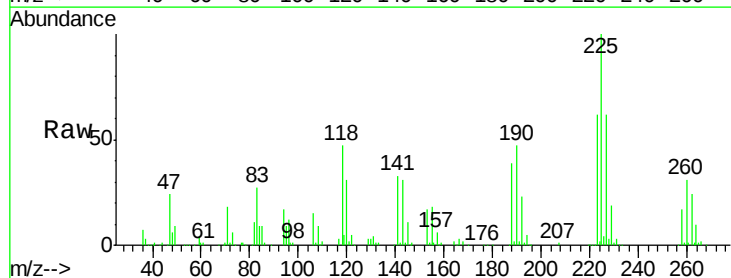
Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:27 PM



#94
 Hexachlorobutadiene
 Concen: 50.608 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001399.D
 Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77268		
223	63.5	31.2	93.6	
227	64.2	31.0	93.0	





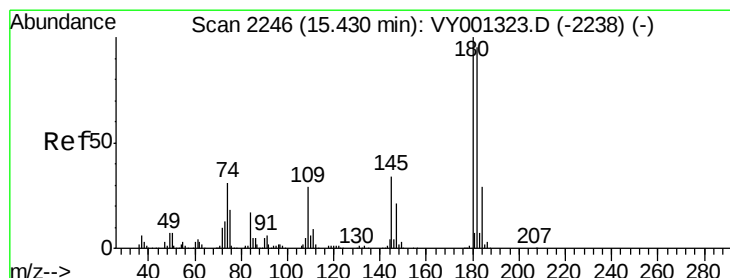
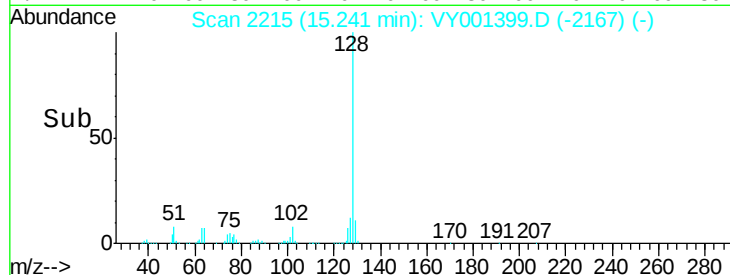
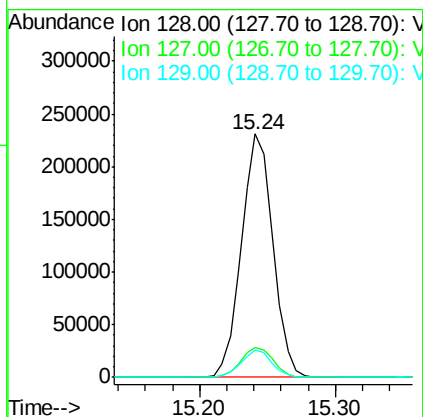
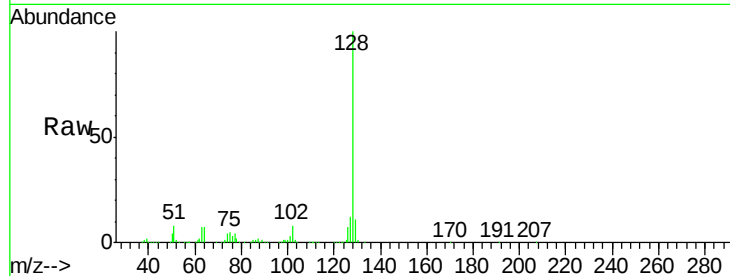
#95
Naphthalene
Concen: 52.064 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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1/28/2020 3:40:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.493 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001399.D
Acq: 27 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.8
145	34.3	16.8	50.3

