

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000059.D
 Acq On : 18 Sep 2019 14:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:39:28 AM

Quant Time: Sep 19 04:32:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	116239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	220294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	188167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	61379	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	7.71	113	61862	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	10.18	98	252268	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.48	95	87918	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	40581	50.680	ug/l	98
3) Chloromethane	2.11	50	55699	53.430	ug/l	98
4) Vinyl Chloride	2.25	62	64677	49.866	ug/l	95
5) Bromomethane	2.63	94	39395	49.039	ug/l	99
6) Chloroethane	2.78	64	41216	47.407	ug/l	93
7) Trichlorofluoromethane	3.12	101	85872	47.884	ug/l	88
8) Diethyl Ether	3.53	74	36654	47.736	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.89	101	60431	49.118	ug/l	99
10) Methyl Iodide	4.09	142	60373	47.187	ug/l	98
11) Tert butyl alcohol	4.96	59	40550	255.767	ug/l #	85
12) 1,1-Dichloroethene	3.87	96	56593	49.898	ug/l	93
13) Acrolein	3.73	56	15893	196.929	ug/l	90
14) Allyl chloride	4.48	41	86887	50.123	ug/l	98
15) Acrylonitrile	5.17	53	118950	258.338	ug/l	97
16) Acetone	3.95	43	78994	253.693	ug/l	99
17) Carbon Disulfide	4.18	76	99866	50.082	ug/l	99
18) Methyl Acetate	4.48	43	48175	46.310	ug/l	100
19) Methyl tert-butyl Ether	5.21	73	178079	50.243	ug/l	97
20) Methylene Chloride	4.71	84	68106	46.496	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	59683	47.339	ug/l	91
22) Diisopropyl ether	6.12	45	196116	50.075	ug/l	97
23) Vinyl Acetate	6.06	43	671990	256.365	ug/l	96
24) 1,1-Dichloroethane	6.01	63	117475	50.678	ug/l	97
25) 2-Butanone	6.99	43	140111	248.431	ug/l	94
26) 2,2-Dichloropropane	6.98	77	105362	48.163	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	80575	50.477	ug/l	98
28) Bromochloromethane	7.33	49	57649	53.652	ug/l	97
29) Tetrahydrofuran	7.35	42	86418	255.242	ug/l	99
30) Chloroform	7.51	83	118136	49.384	ug/l	100
31) Cyclohexane	7.78	56	85004	51.844	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	96949	49.896	ug/l	99
36) 1,1-Dichloropropene	7.92	75	79632	48.343	ug/l	98
37) Ethyl Acetate	7.07	43	59172	53.892	ug/l	96
38) Carbon Tetrachloride	7.90	117	78441	50.456	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	102251	50.483	ug/l	99
40) Benzene	8.16	78	272690	50.122	ug/l	96
41) Methacrylonitrile	7.31	41	31704m	40.565	ug/l	
42) 1,2-Dichloroethane	8.24	62	72047	49.995	ug/l	98
43) Isopropyl Acetate	8.28	43	111162	51.768	ug/l	99
44) Trichloroethene	8.94	130	67169	48.327	ug/l	89
45) 1,2-Dichloropropane	9.21	63	70882	50.295	ug/l	89
46) Dibromomethane	9.31	93	37792	49.094	ug/l	100
47) Bromodichloromethane	9.50	83	94643	50.666	ug/l	97
48) Methyl methacrylate	9.29	41	45910	48.614	ug/l	94
49) 1,4-Dioxane	9.30	88	14845	993.247	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	303547	258.908	ug/l	99
52) Toluene	10.24	92	171121	49.507	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	100347	50.665	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	116194	50.802	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	61528	50.982	ug/l	98
56) Ethyl methacrylate	10.51	69	89374	52.042	ug/l	98
57) 1,3-Dichloropropane	10.79	76	102652	50.635	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	232248	250.175	ug/l	99
59) 2-Hexanone	10.83	43	227168	271.598	ug/l	99
60) Dibromochloromethane	10.99	129	65335	51.675	ug/l	98
61) 1,2-Dibromoethane	11.09	107	55166	50.044	ug/l	97
64) Tetrachloroethene	10.71	164	58199	49.279	ug/l	97
65) Chlorobenzene	11.51	112	189601	50.941	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66294	52.678	ug/l	97
67) Ethyl Benzene	11.59	91	337592	50.824	ug/l	97
68) m/p-Xylenes	11.70	106	258890	102.430	ug/l	98
69) o-Xylene	12.02	106	123976	50.659	ug/l	98
70) Styrene	12.04	104	224137	52.170	ug/l	99
71) Bromoform	12.21	173	39144	53.729	ug/l #	99
73) Isopropylbenzene	12.33	105	337162	49.618	ug/l	100
74) N-amyl acetate	12.14	43	99837	51.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	80267	50.180	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	59780m	50.390	ug/l	
77) Bromobenzene	12.60	156	70758	49.868	ug/l	99
78) n-propylbenzene	12.67	91	412394	49.753	ug/l	99
79) 2-Chlorotoluene	12.76	91	224501	48.447	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	280995	49.920	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	30699	49.768	ug/l	97
82) 4-Chlorotoluene	12.85	91	240919	50.279	ug/l	99
83) tert-Butylbenzene	13.07	119	242013	50.254	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	278791	50.238	ug/l	99
85) sec-Butylbenzene	13.25	105	359465	50.522	ug/l	100
86) p-Isopropyltoluene	13.37	119	303776	50.369	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	141914	50.420	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	141533	50.041	ug/l	99
89) n-Butylbenzene	13.69	91	320920	51.725	ug/l	99
90) Hexachloroethane	13.96	117	63689	53.739	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	130671	49.413	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14675	51.527	ug/l	95

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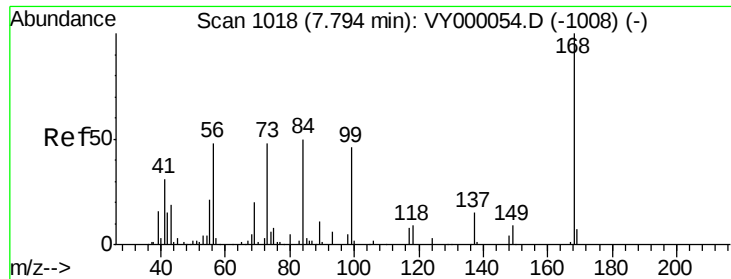
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	85436	53.541	ug/l	97
94) Hexachlorobutadiene	15.11	225	38332	50.033	ug/l	99
95) Naphthalene	15.23	128	232948	51.425	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	76519	50.247	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000059.D

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MSVOA_Y

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VSTDCCC050

Tot Ion:168 Resp: 116239

Ion Ratio Lower Upper

168 100

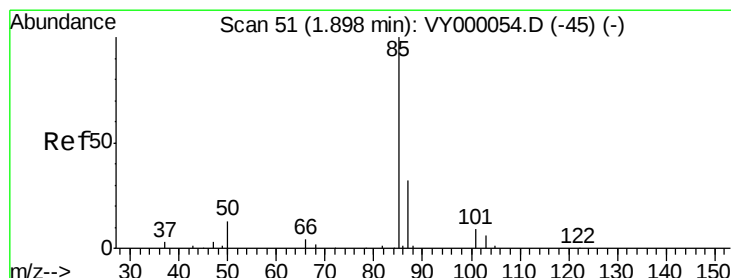
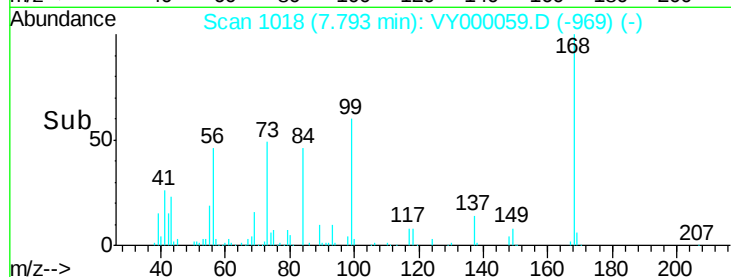
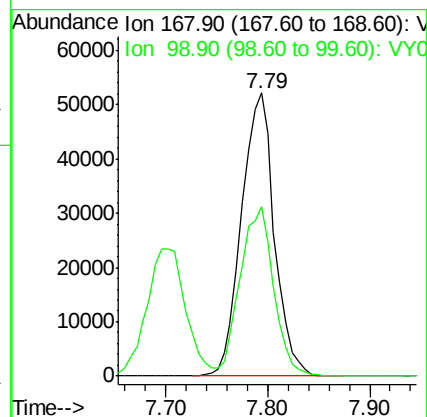
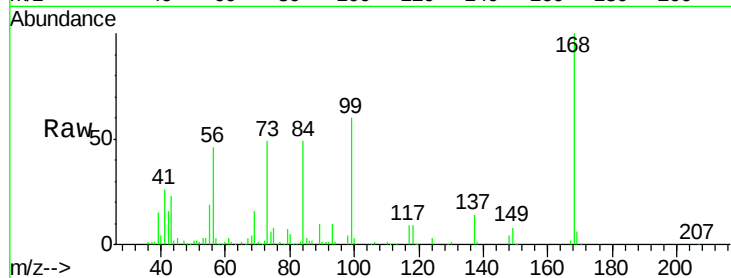
99 59.8 44.2 66.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.680 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000059.D

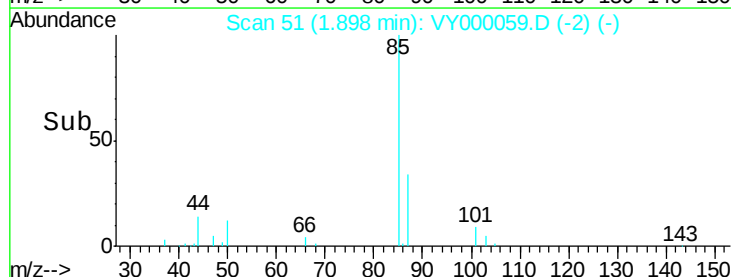
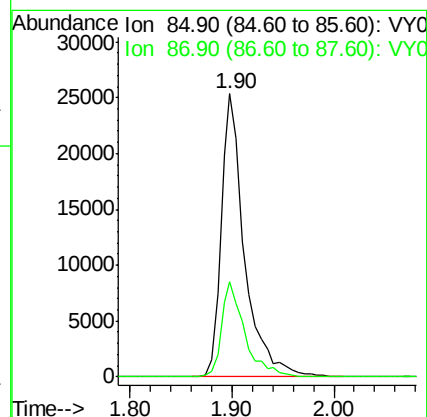
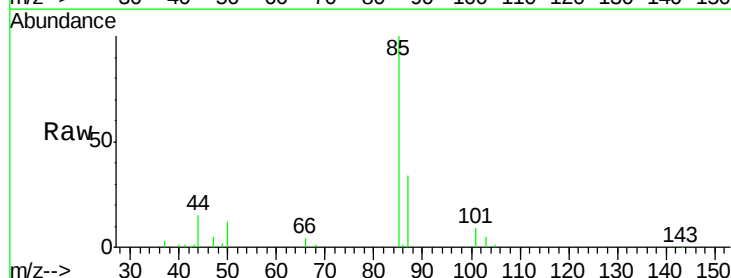
Acq: 18 Sep 2019 14:38

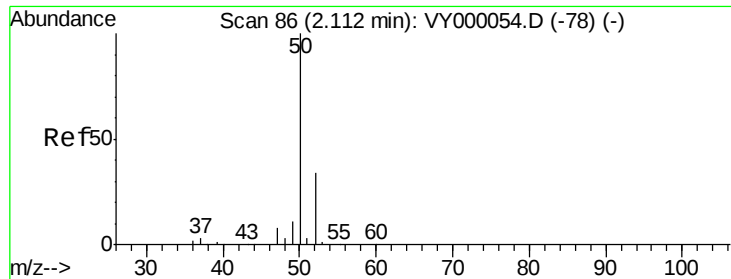
Tgt Ion: 85 Resp: 40581

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.5





#3

Chloromethane

Concen: 53.430 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 55699

Ion Ratio Lower Upper

50 100

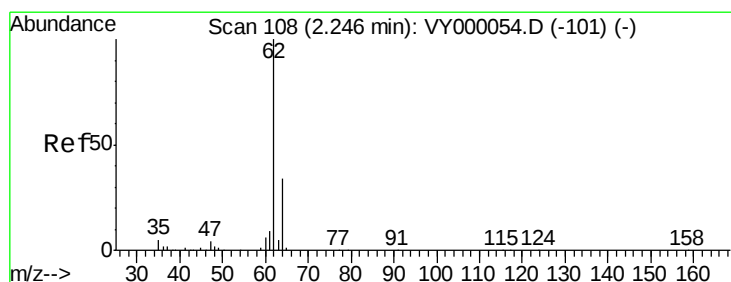
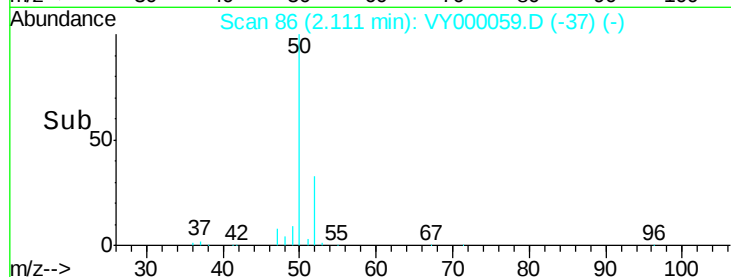
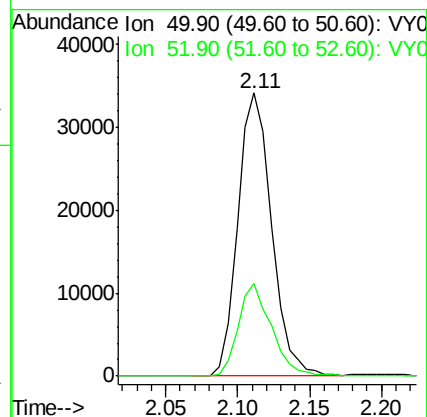
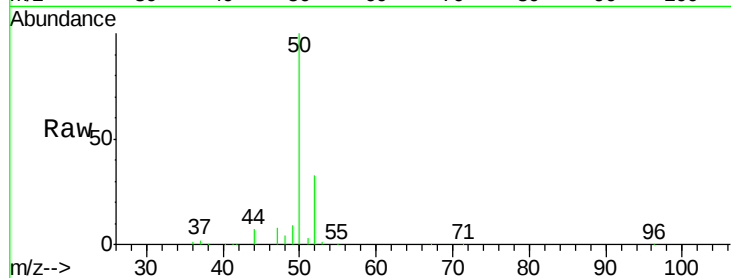
52 32.8 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.866 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000059.D

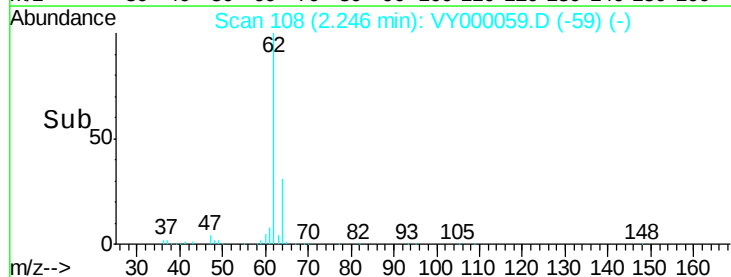
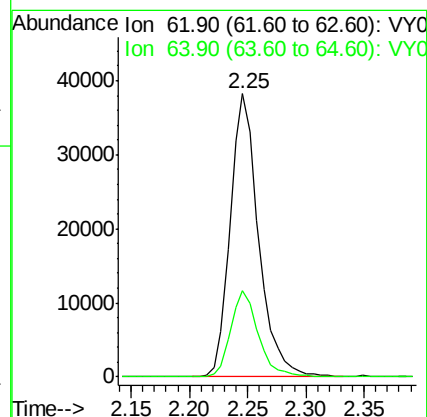
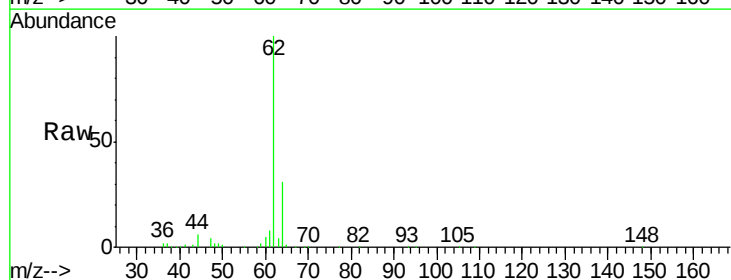
Acq: 18 Sep 2019 14:38

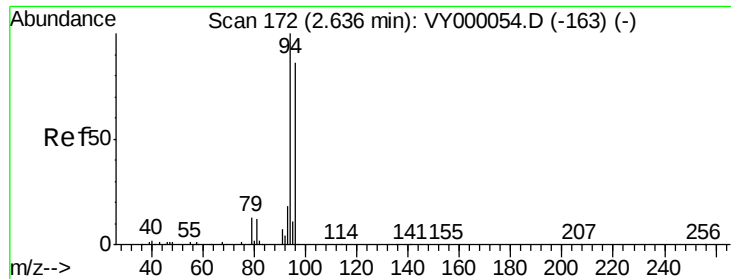
Tgt Ion: 62 Resp: 64677

Ion Ratio Lower Upper

62 100

64 30.6 26.9 40.3





#5

Bromomethane

Concen: 49.039 ug/l

RT: 2.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 39395

Ion Ratio Lower Upper

94 100

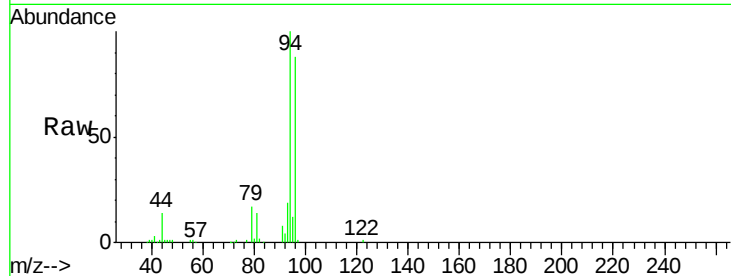
96 87.6 69.1 103.7

Manual Integrations

APPROVED

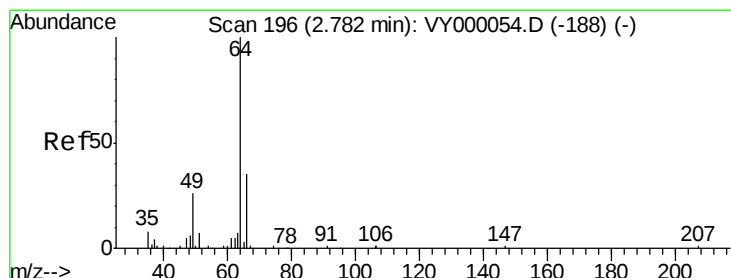
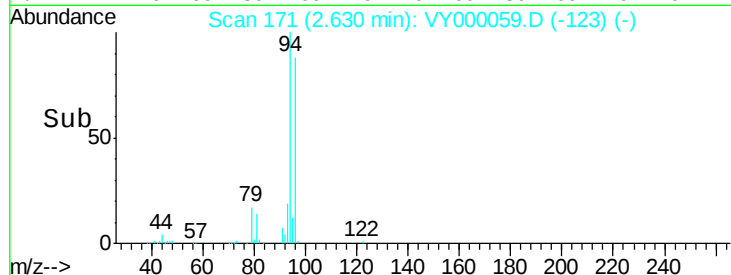
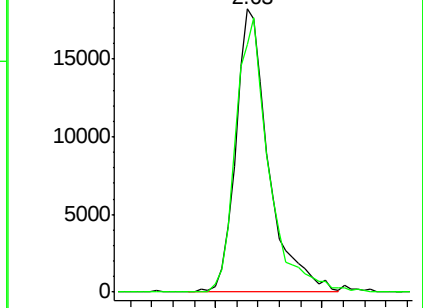
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.407 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000059.D

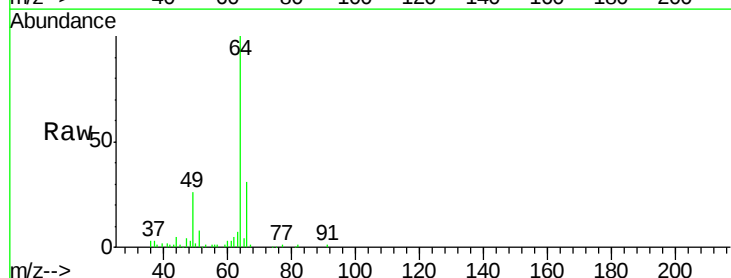
Acq: 18 Sep 2019 14:38

Tgt Ion: 64 Resp: 41216

Ion Ratio Lower Upper

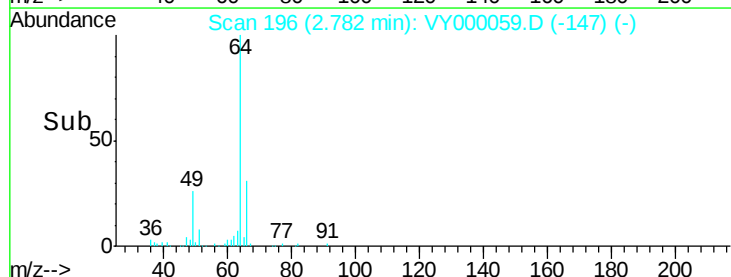
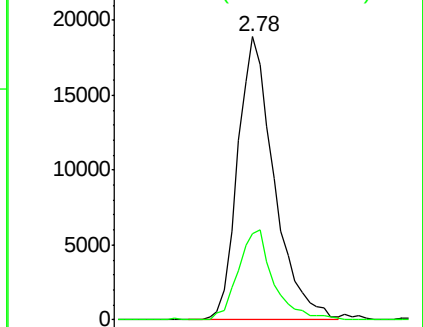
64 100

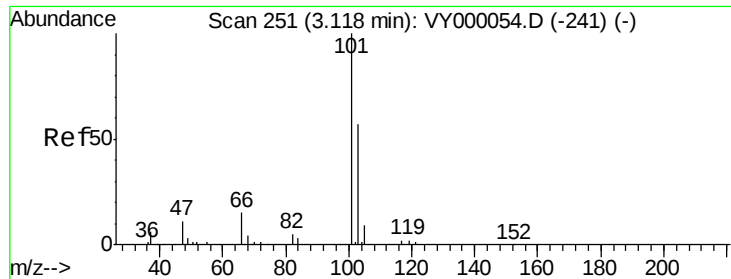
66 30.5 27.7 41.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

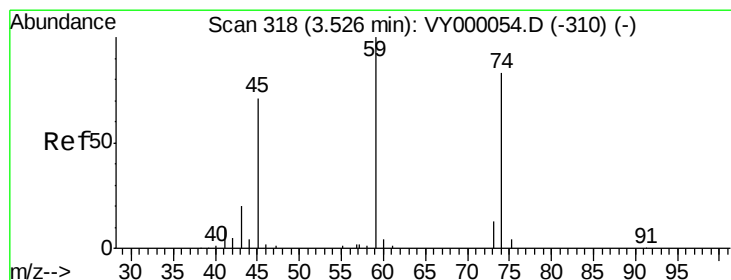
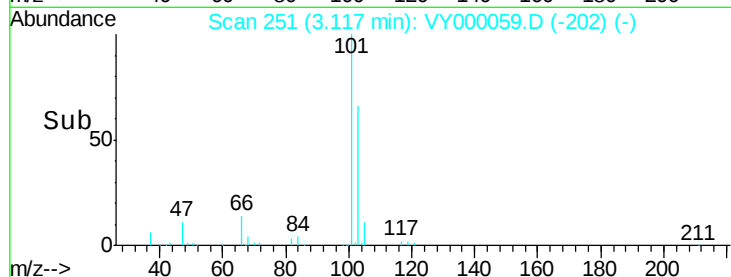
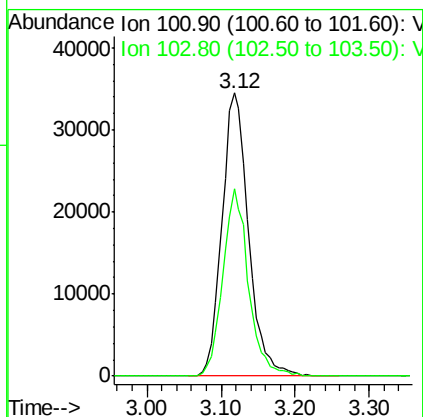
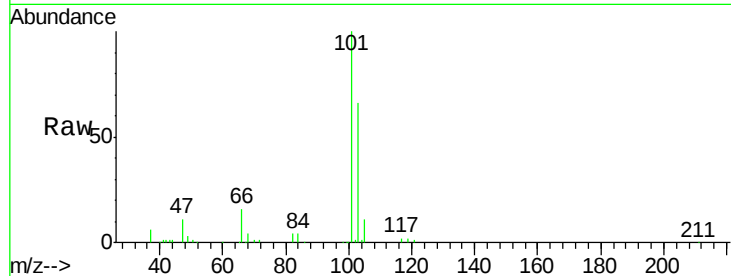
Trichlorofluoromethane
Concen: 47.884 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

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MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	45.7	68.5

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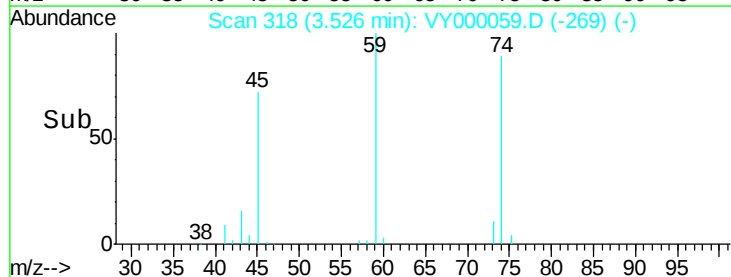
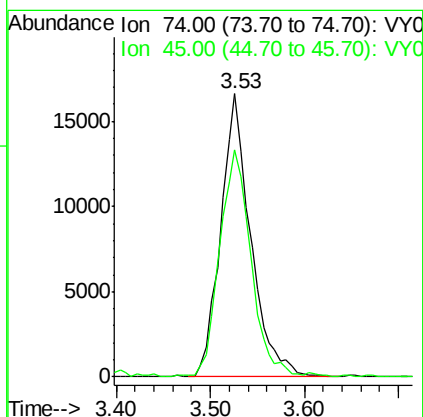
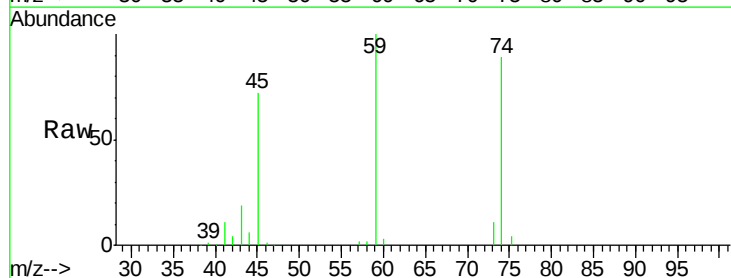
MMDadoda
9/20/2019 12:39:28 AM

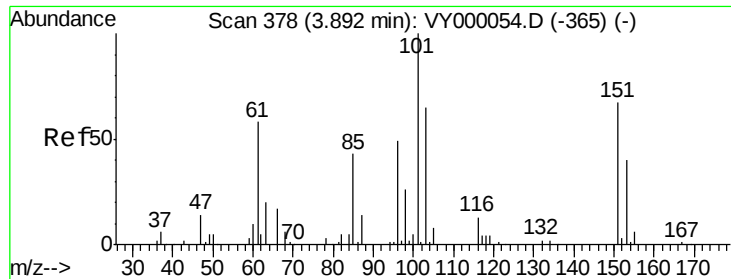


#8

Diethyl Ether
Concen: 47.736 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.1	40.6	122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.118 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

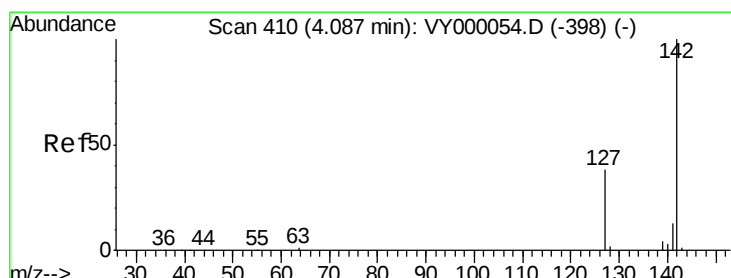
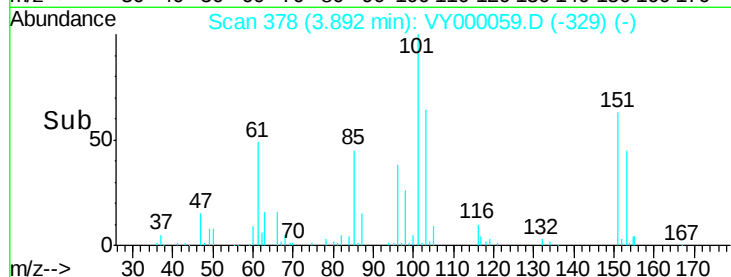
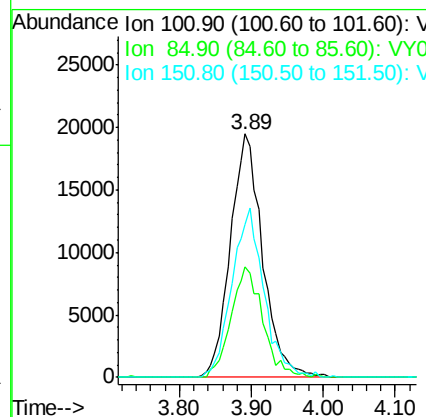
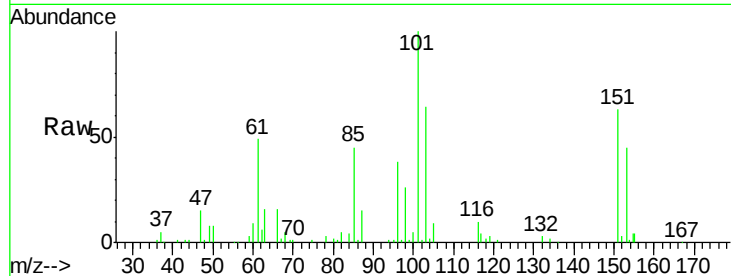
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	60431
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.8	55.2
151	69.0	54.4	81.6

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#10

Methyl Iodide

Concen: 47.187 ug/l

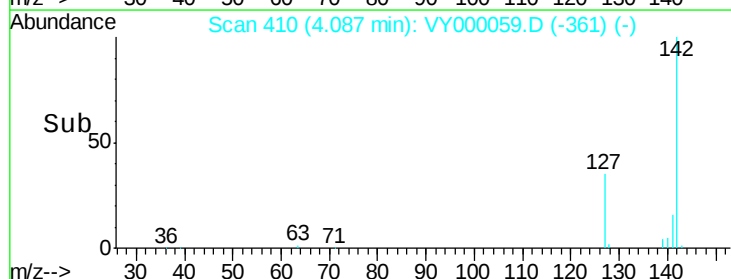
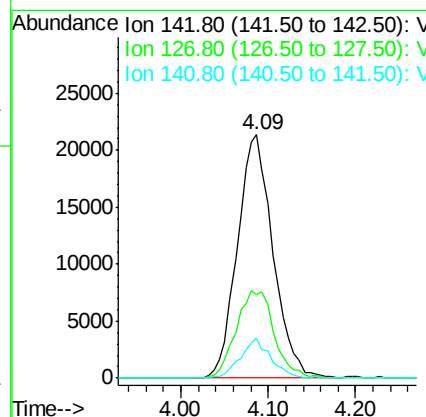
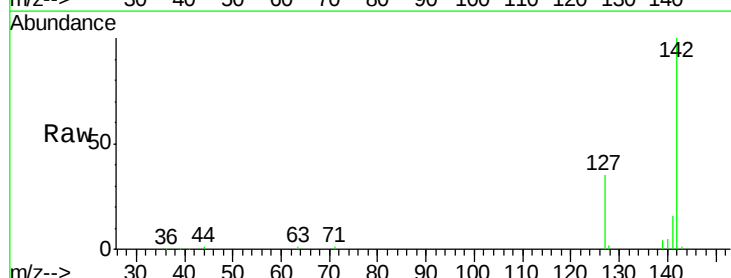
RT: 4.09 min Scan# 410

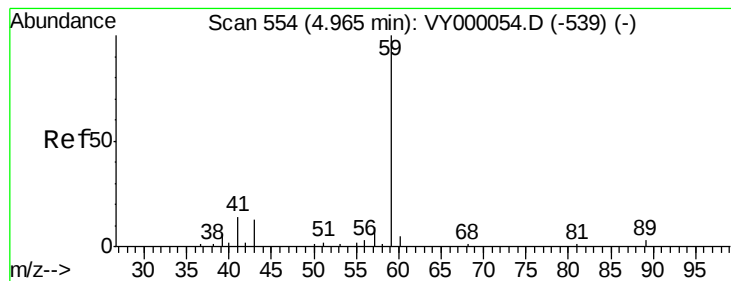
Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	142	Resp:	60373
Ion Ratio	Lower	Upper	
142	100		
127	38.3	31.6	47.4
141	14.0	10.9	16.3





#11

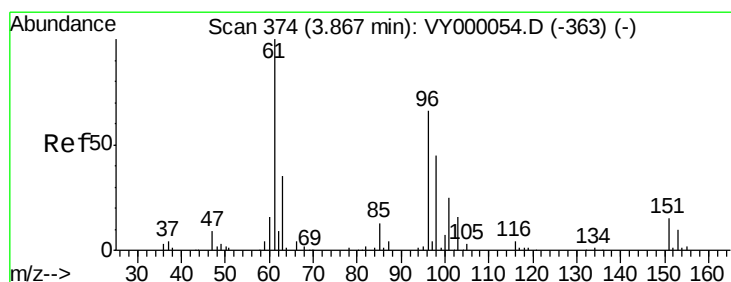
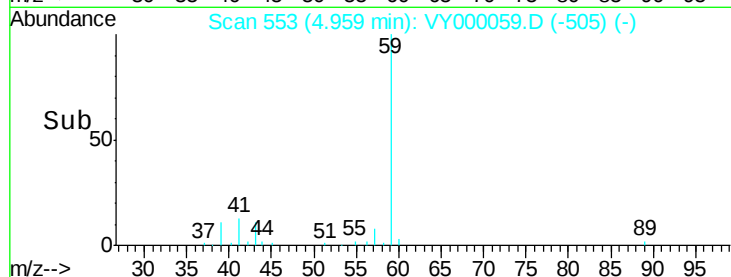
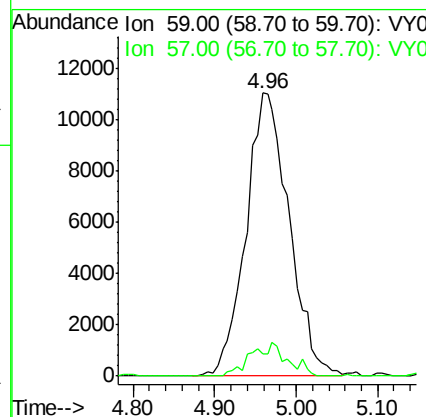
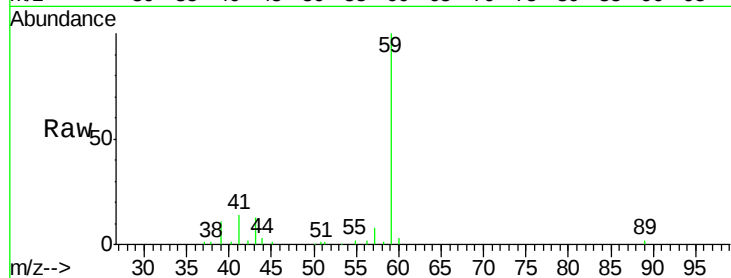
Tert butyl alcohol
 Concen: 255.767 ug/l
 RT: 4.96 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.0	12.0#

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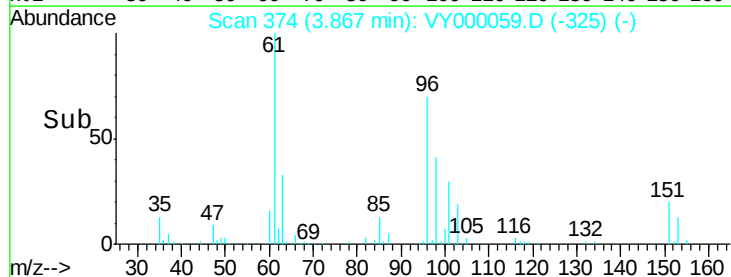
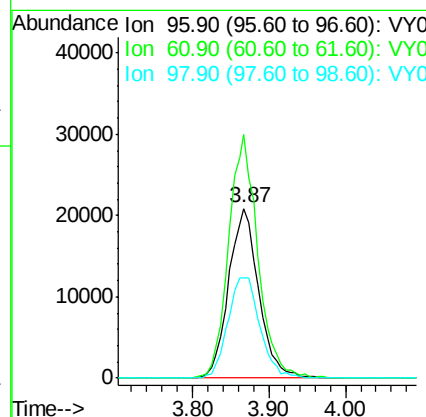
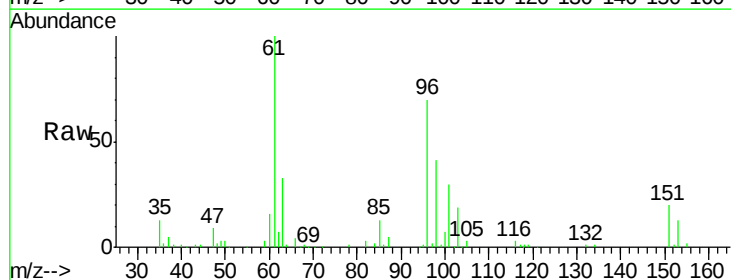
MMDadoda
 9/20/2019 12:39:28 AM

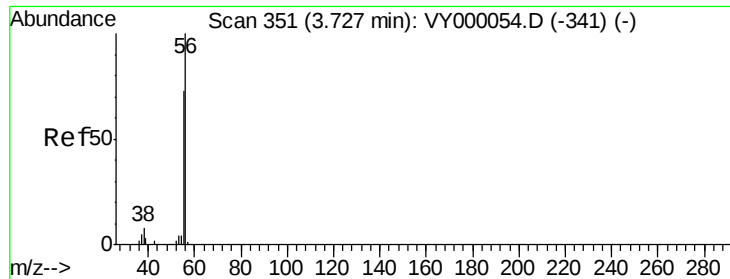


#12

1,1-Dichloroethene
 Concen: 49.898 ug/l
 RT: 3.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	120.4	180.6
98	59.2	54.1	81.1





#13

Acrolein

Concen: 196.929 ug/l

RT: 3.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 15893

Ion Ratio Lower Upper

56 100

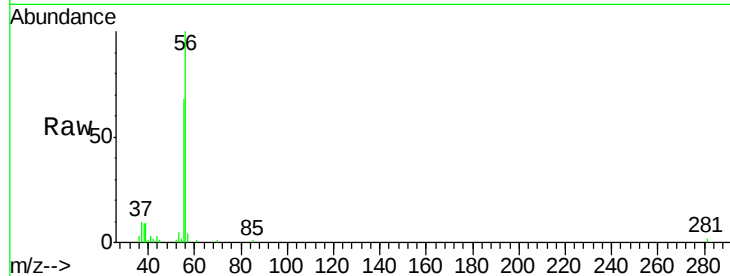
55 64.3 57.8 86.8

Manual Integrations

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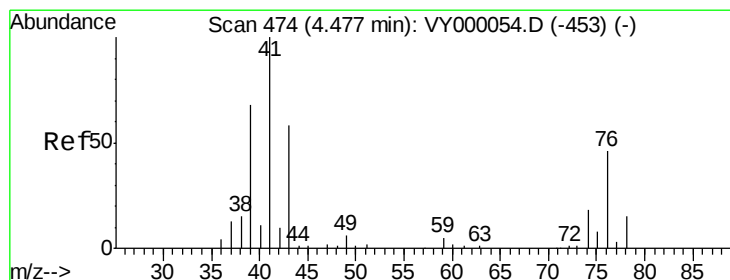
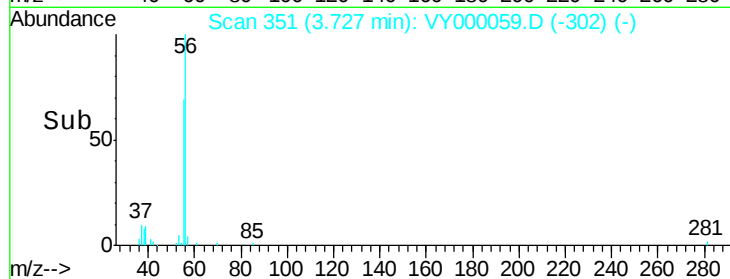
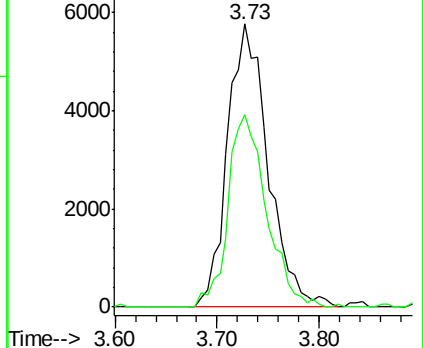
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 50.123 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

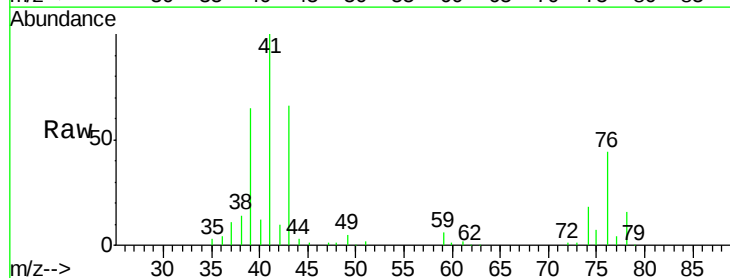
Tgt Ion: 41 Resp: 86887

Ion Ratio Lower Upper

41 100

39 64.4 52.7 79.1

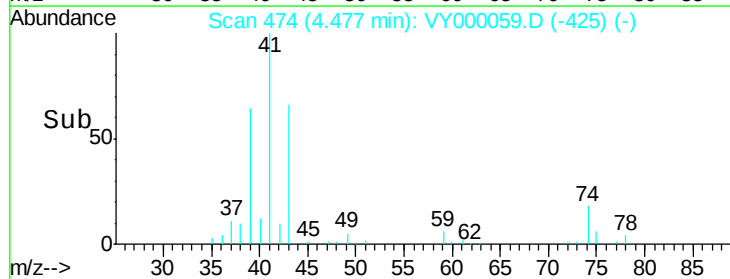
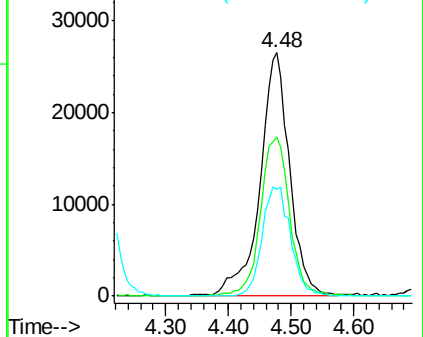
76 42.9 35.5 53.3

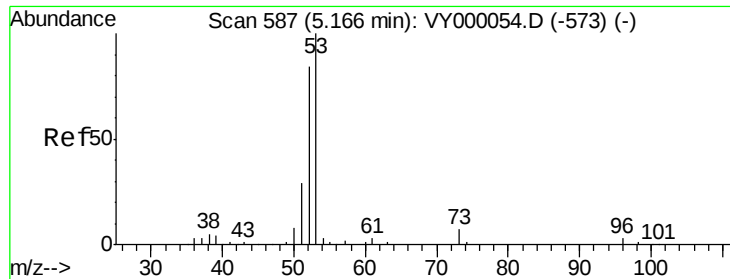


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 258.338 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

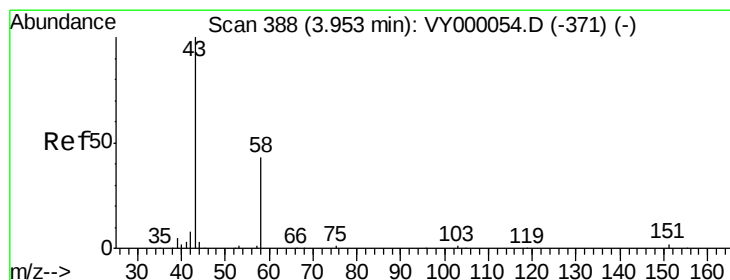
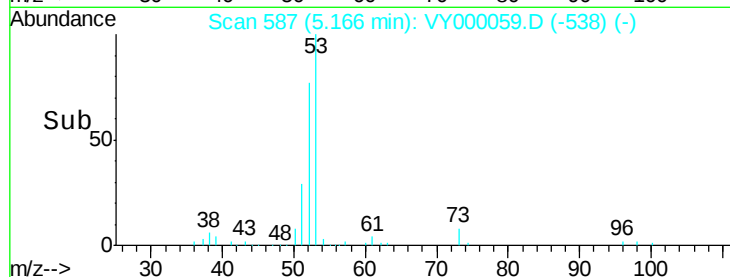
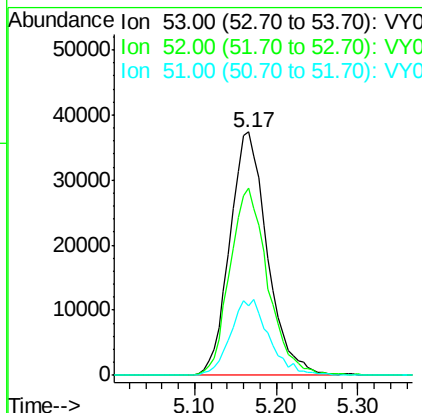
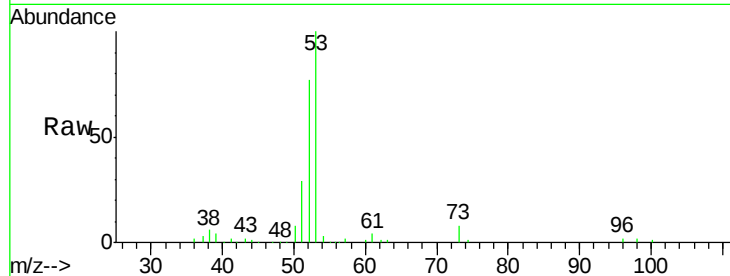
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	118950
Ion	Ratio	Lower	Upper
53	100		
52	78.0	64.7	97.1
51	32.3	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 253.693 ug/l

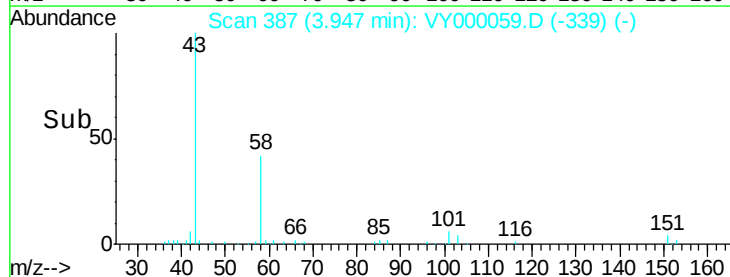
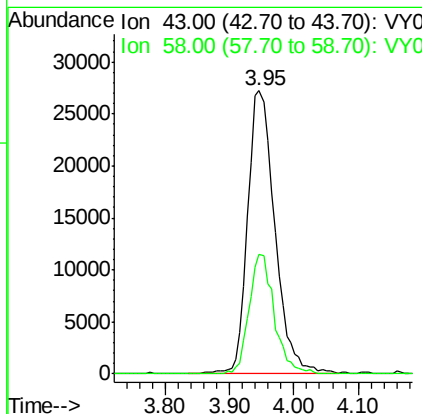
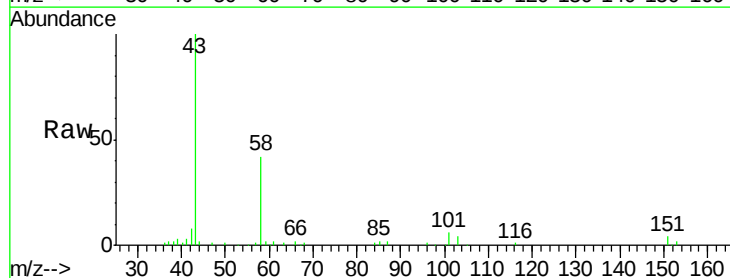
RT: 3.95 min Scan# 387

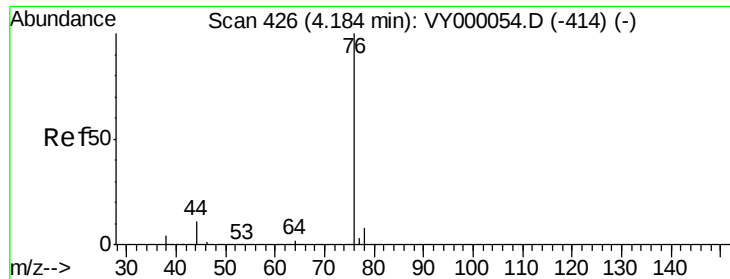
Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	43	Resp:	78994
Ion	Ratio	Lower	Upper
43	100		
58	42.2	34.5	51.7





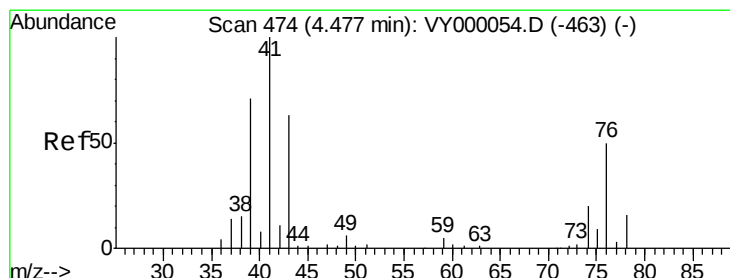
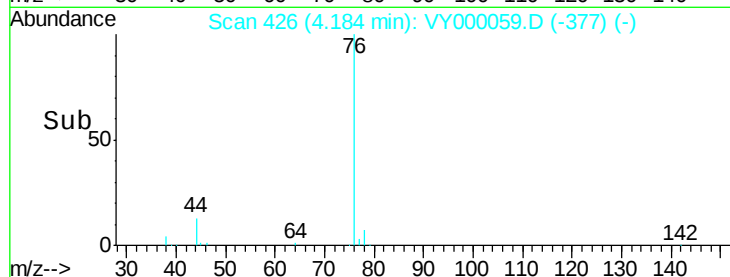
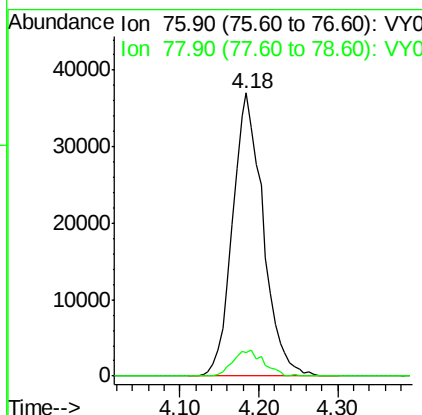
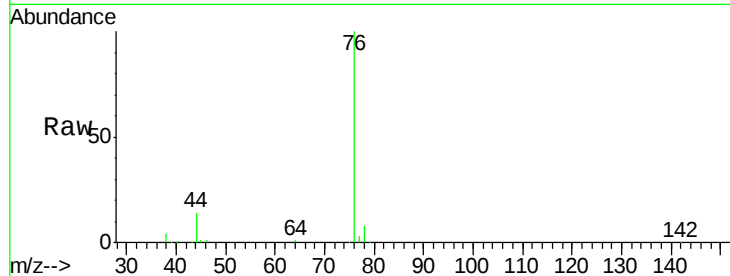
#17
Carbon Disulfide
Concen: 50.082 ug/l
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	6.6	9.8

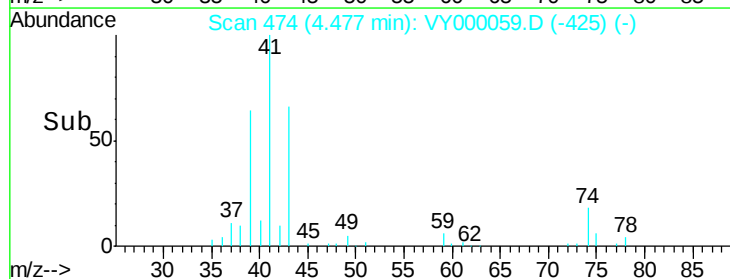
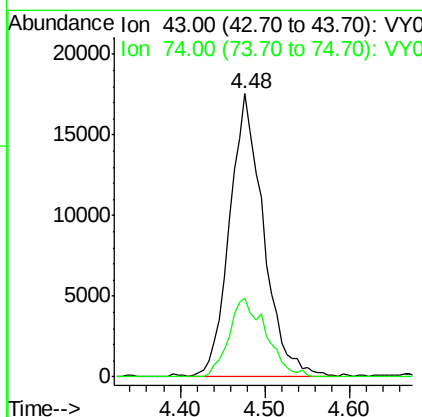
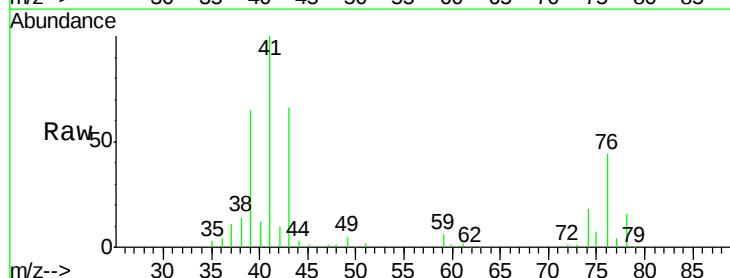
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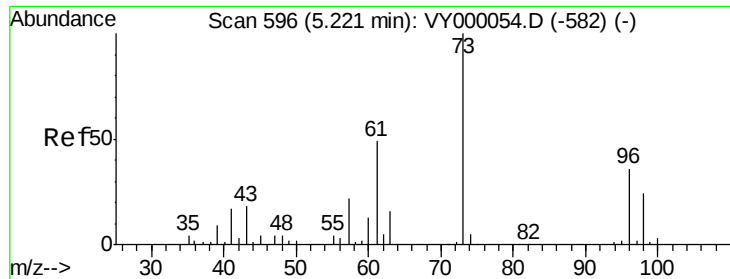
MMDadoda
9/20/2019 12:39:28 AM



#18
Methyl Acetate
Concen: 46.310 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.2	24.1	36.1





#19

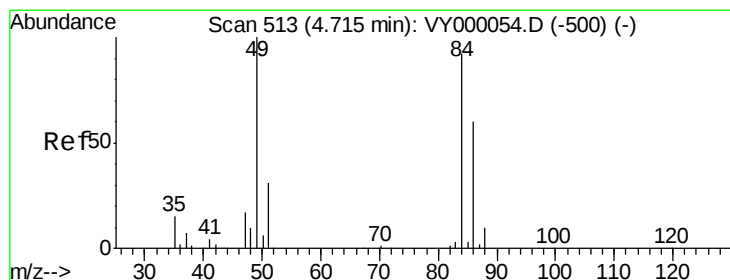
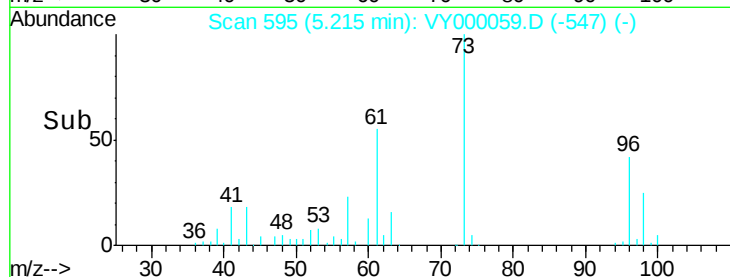
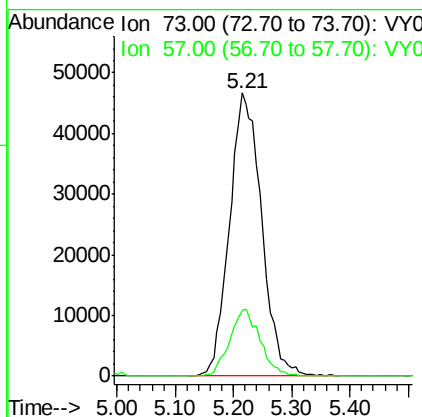
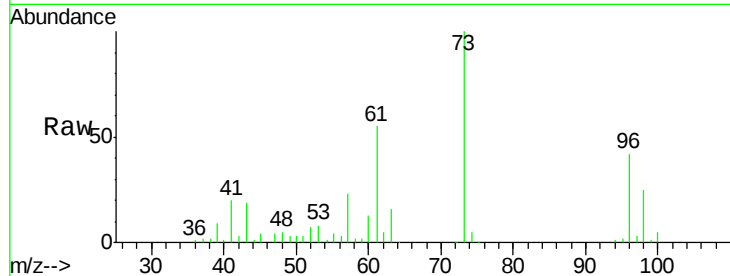
Methyl tert-butyl Ether
 Concen: 50.243 ug/l
 RT: 5.21 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050

Tot Ion: 73 Resp: 178079
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.5 26.3

Manual Integrations
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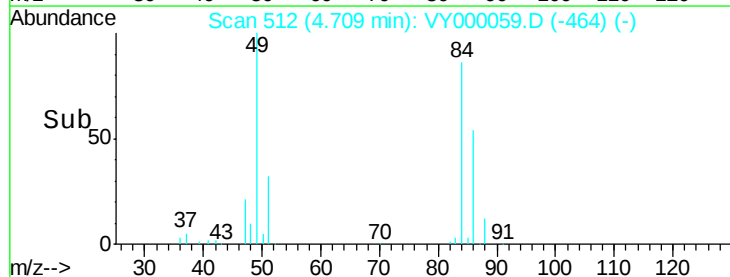
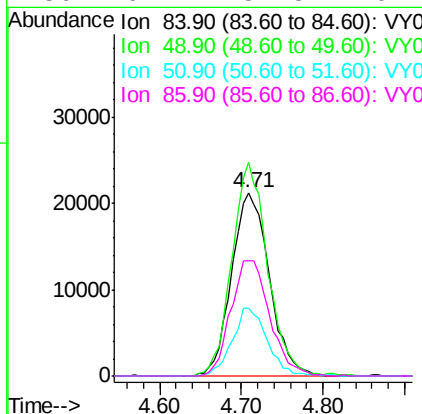
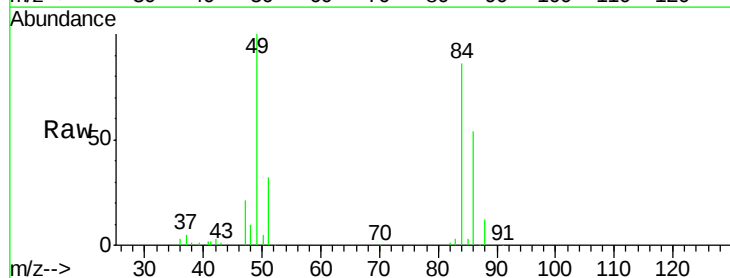
MMDadoda
 9/20/2019 12:39:28 AM

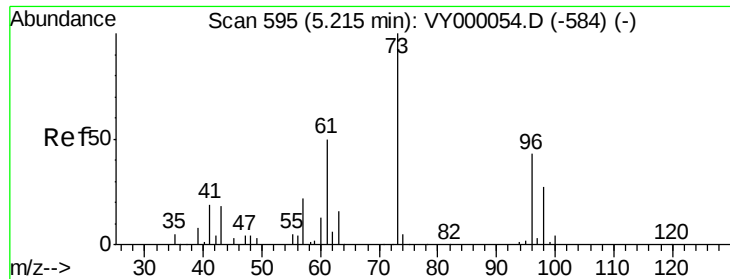


#20

Methylene Chloride
 Concen: 46.496 ug/l
 RT: 4.71 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Tgt Ion: 84 Resp: 68106
 Ion Ratio Lower Upper
 84 100
 49 116.4 87.4 131.0
 51 36.7 27.2 40.8
 86 62.7 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 47.339 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

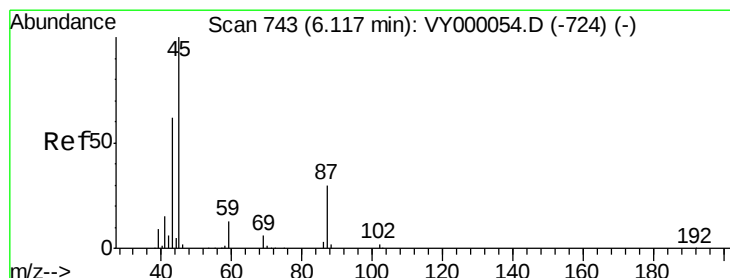
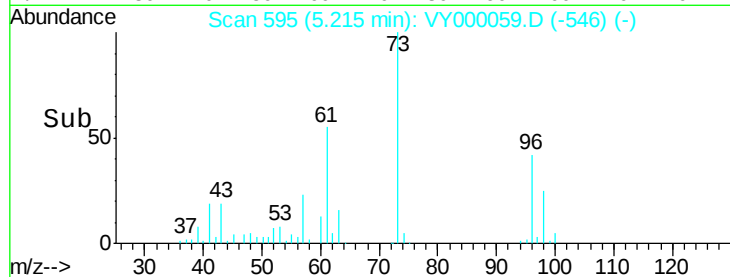
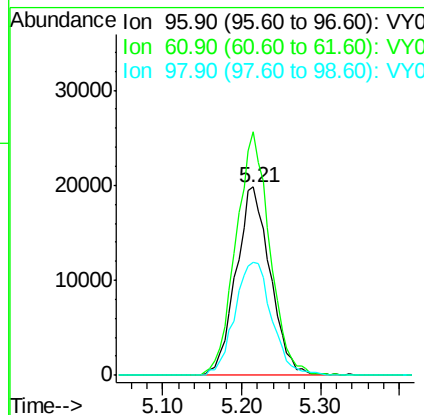
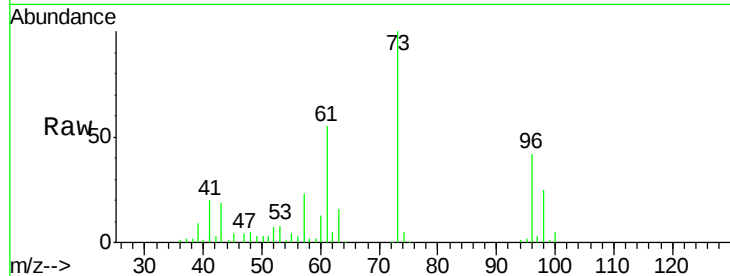
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	59683
Ion	Ratio	Lower	Upper
96	100		
61	129.5	94.0	141.0
98	59.8	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.075 ug/l

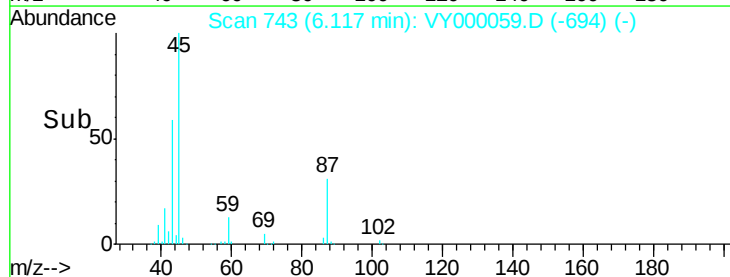
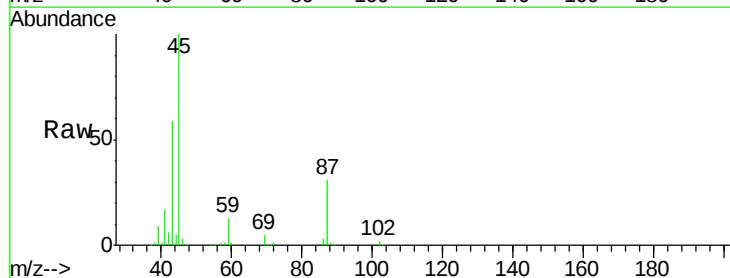
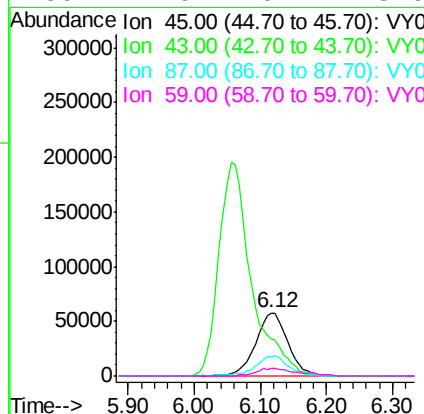
RT: 6.12 min Scan# 743

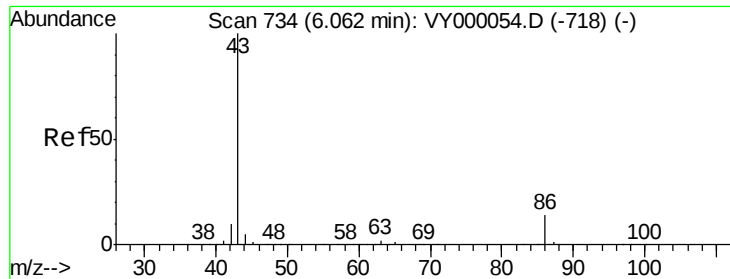
Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	45	Resp:	196116
Ion	Ratio	Lower	Upper
45	100		
43	58.5	49.9	74.9
87	30.6	25.0	37.4
59	12.6	10.4	15.6





#23

Vinyl Acetate

Concen: 256.365 ug/l

RT: 6.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 671990

Ion Ratio Lower Upper

43 100

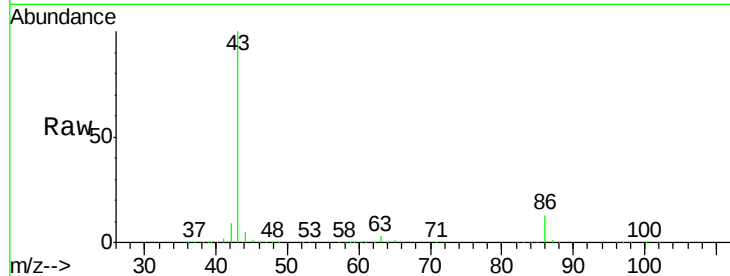
86 12.6 11.3 16.9

Manual Integrations

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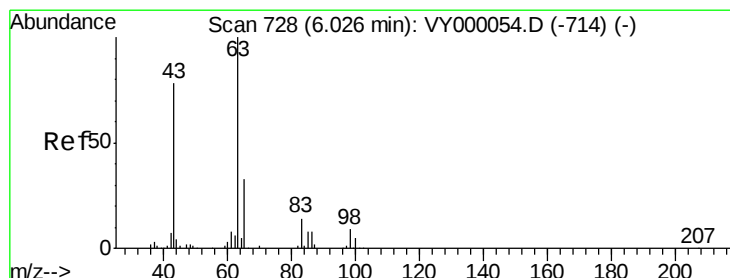
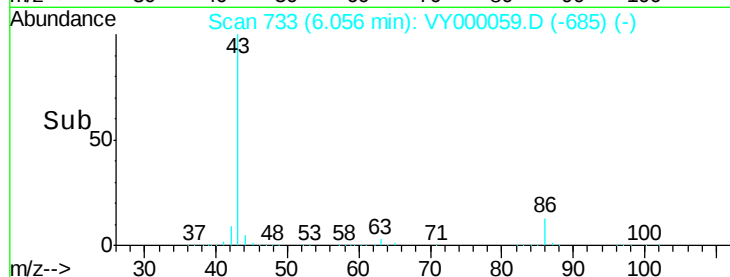
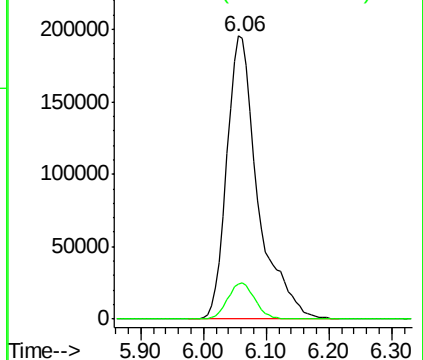
MMDadoda

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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: 50.678 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

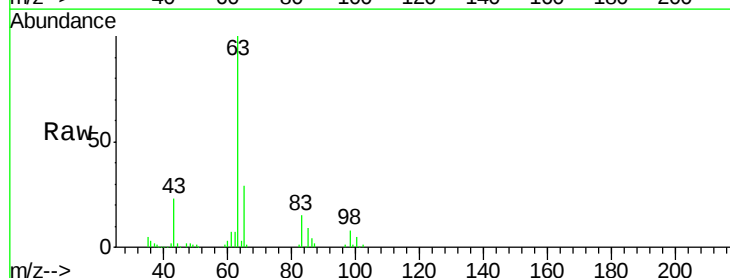
Tgt Ion: 63 Resp: 117475

Ion Ratio Lower Upper

63 100

98 7.6 4.5 13.5

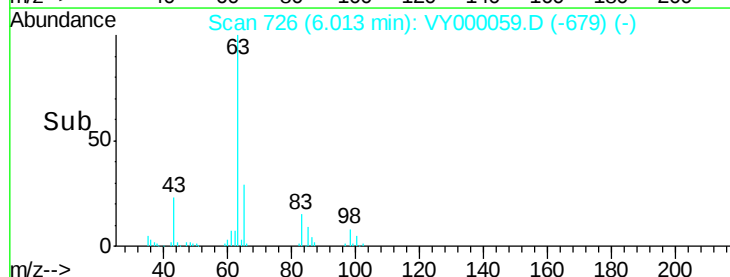
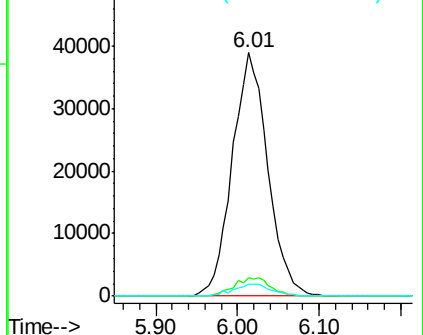
100 4.8 2.5 7.5

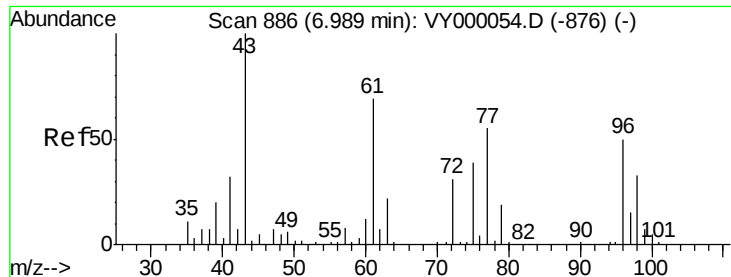


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 248.431 ug/l

RT: 6.99 min Scan# 886

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 140111

Ion Ratio Lower Upper

43 100

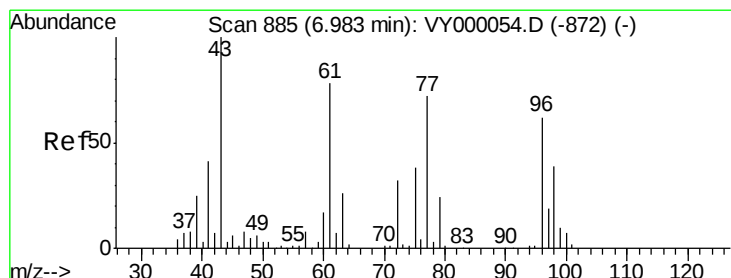
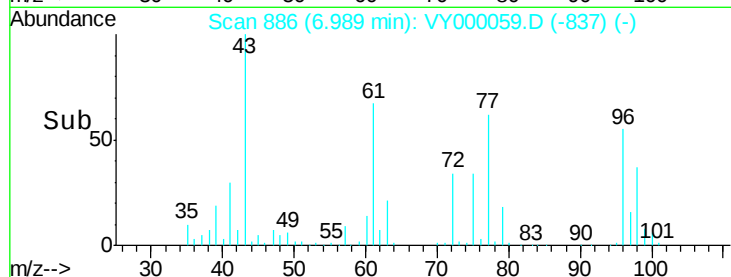
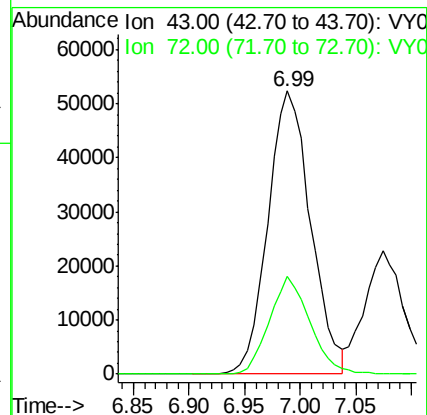
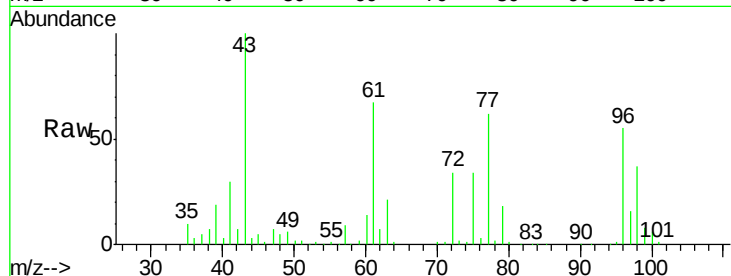
72 34.4 24.7 37.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.163 ug/l

RT: 6.98 min Scan# 884

Delta R.T. -0.01 min

Lab File: VY000059.D

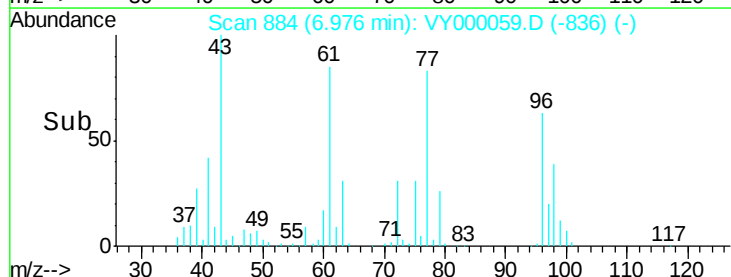
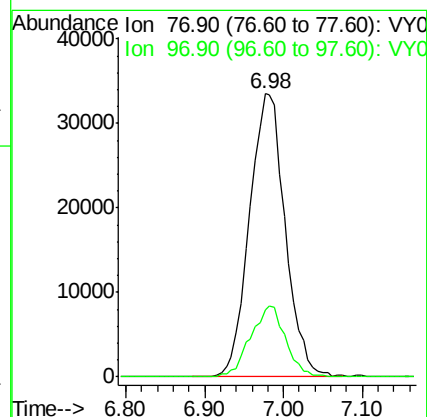
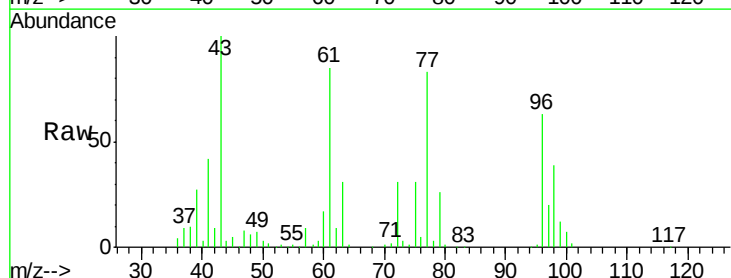
Acq: 18 Sep 2019 14:38

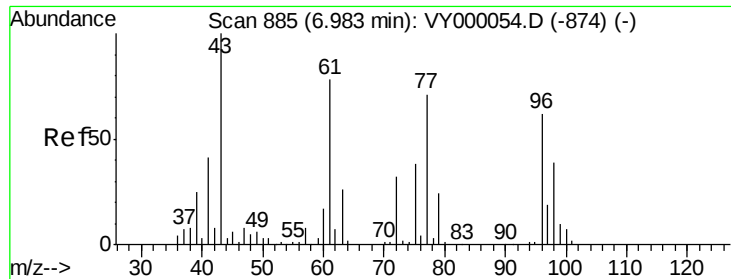
Tgt Ion: 77 Resp: 105362

Ion Ratio Lower Upper

77 100

97 24.7 12.5 37.5





#27

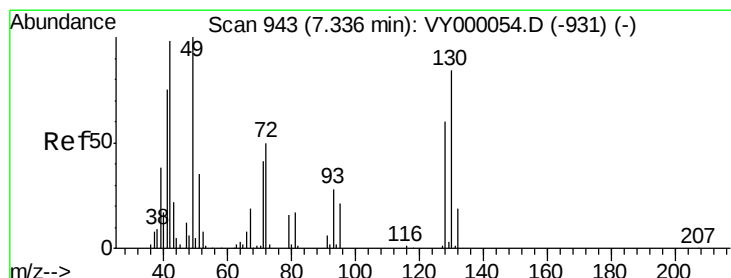
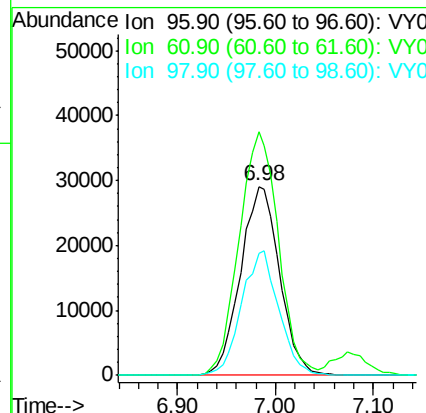
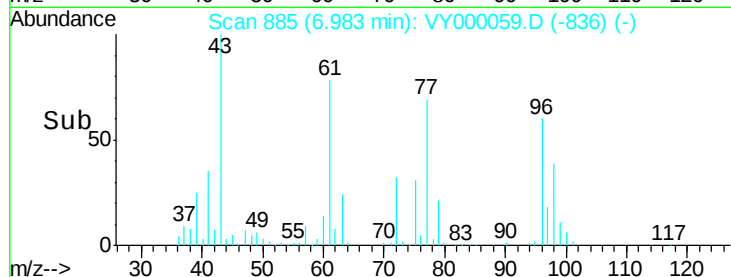
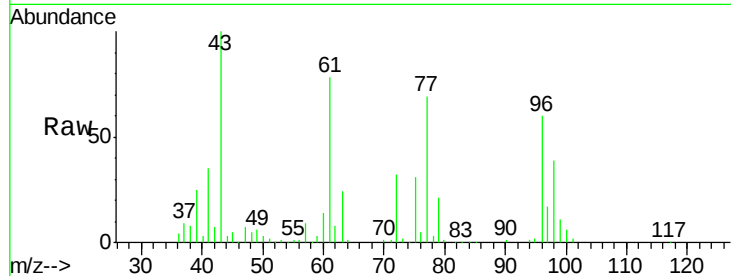
cis-1,2-Dichloroethene
Concen: 50.477 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	263.0
98	63.1	0.0	130.2

Manual Integrations
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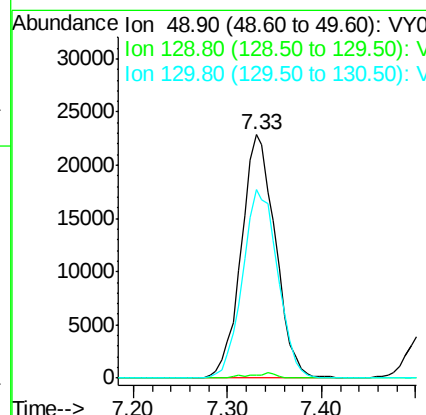
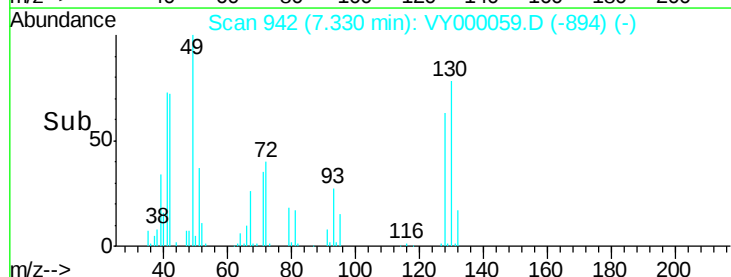
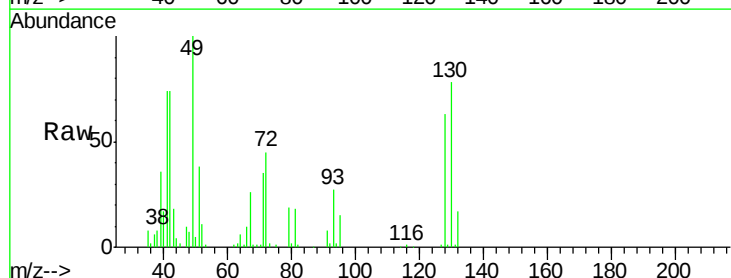
MMDadoda
9/20/2019 12:39:28 AM

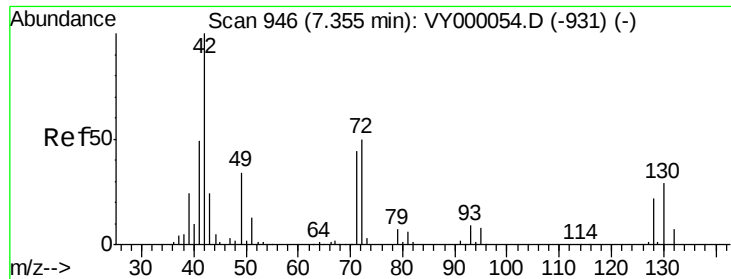


#28

Bromochloromethane
Concen: 53.652 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	79.9	66.2	99.4





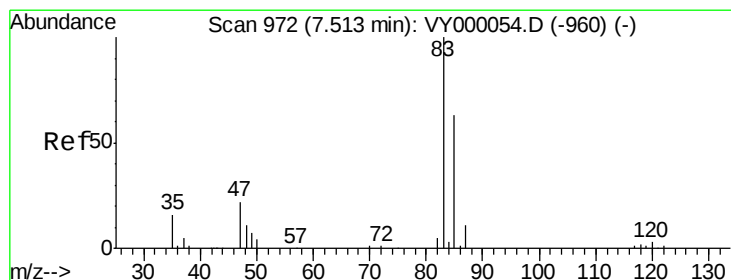
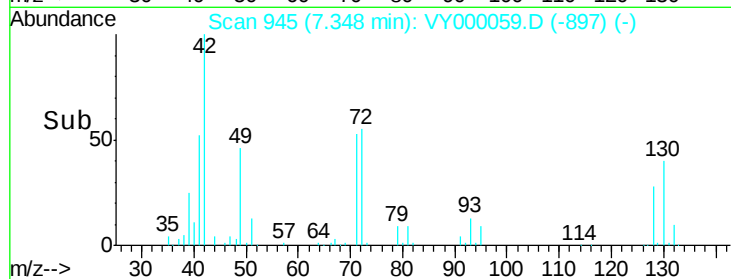
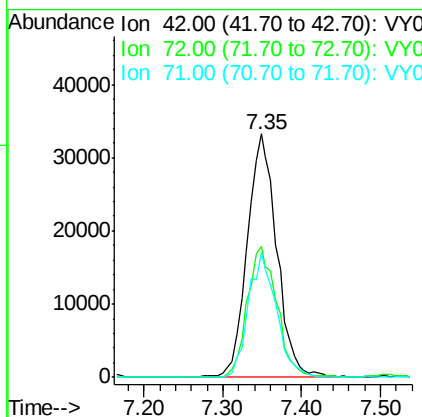
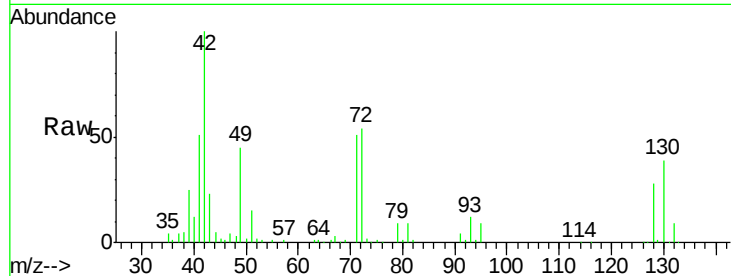
#29
Tetrahydrofuran
Concen: 255.242 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.7	41.8	62.6
71	48.5	38.6	58.0

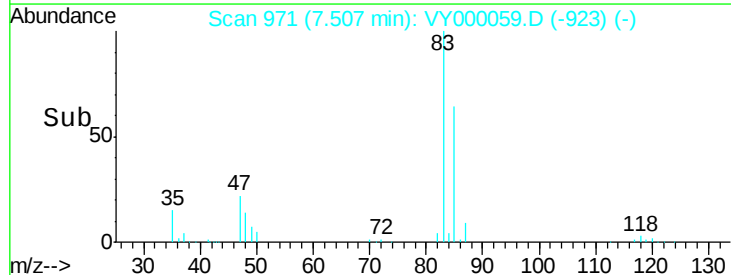
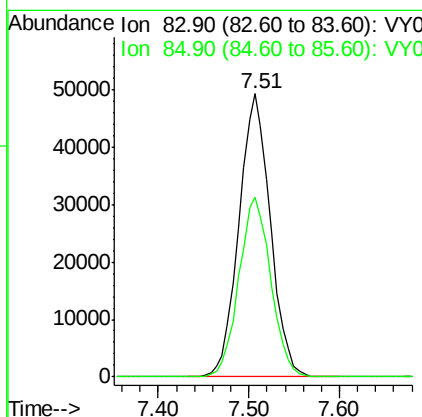
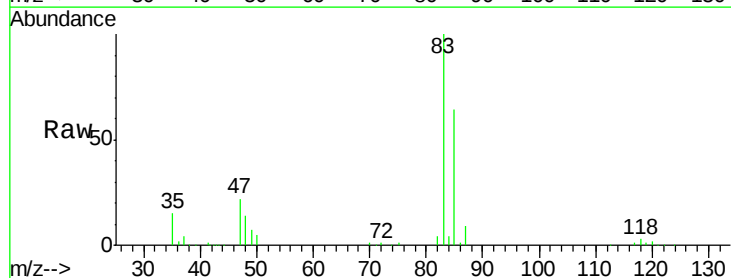
Manual Integrations
APPROVED

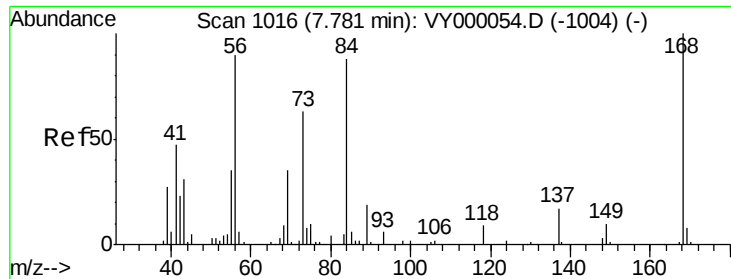
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9/20/2019 12:39:28 AM



#30
Chloroform
Concen: 49.384 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	76.0





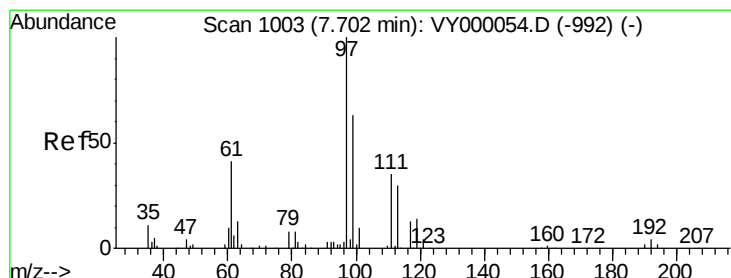
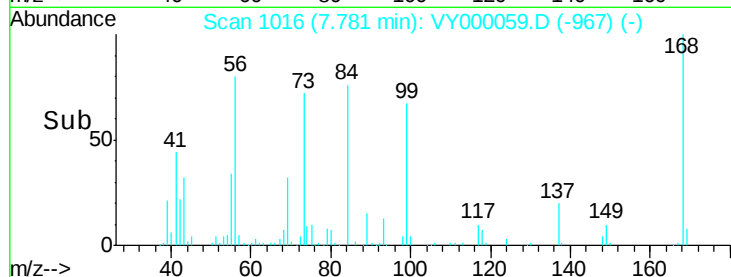
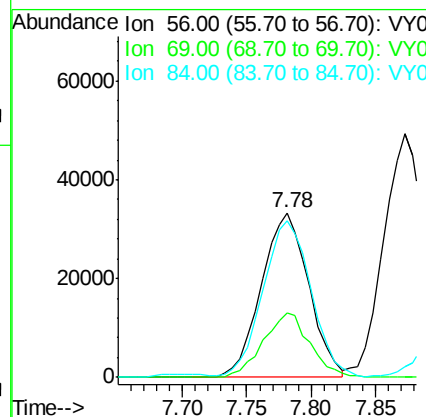
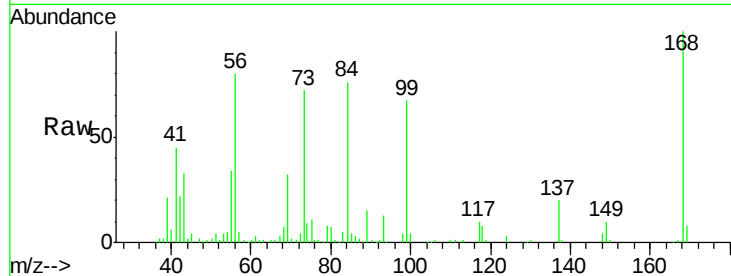
#31
Cyclohexane
Concen: 51.844 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	30.9	46.3
84	93.4	78.5	117.7

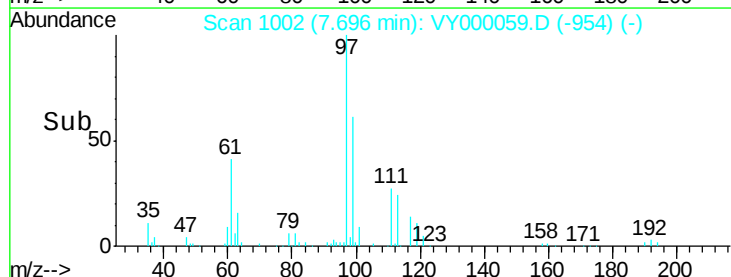
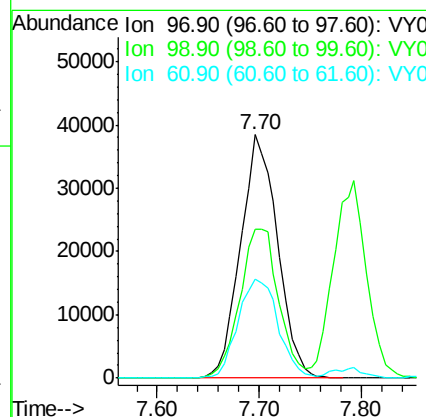
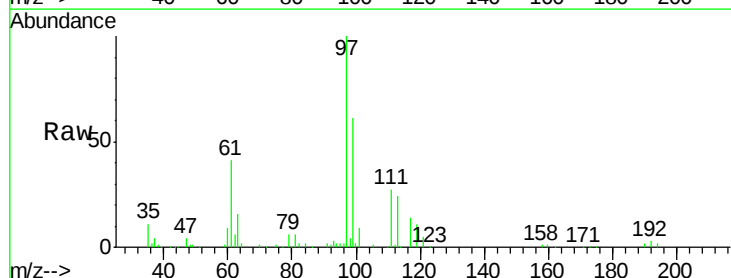
Manual Integrations
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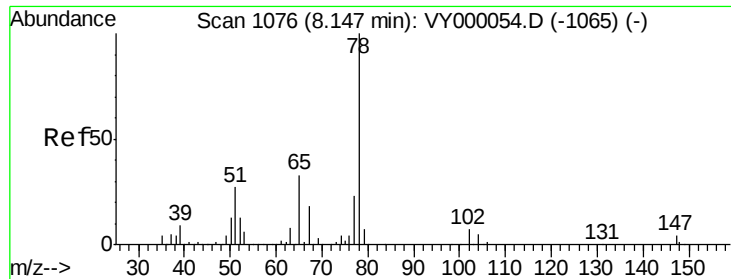
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#32
1,1,1-Trichloroethane
Concen: 49.896 ug/l
RT: 7.70 min Scan# 1002
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.6
61	44.2	34.3	51.5





#33

1,2-Dichloroethane-d4

Concen: 45.896 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 61379

Ion Ratio Lower Upper

65 100

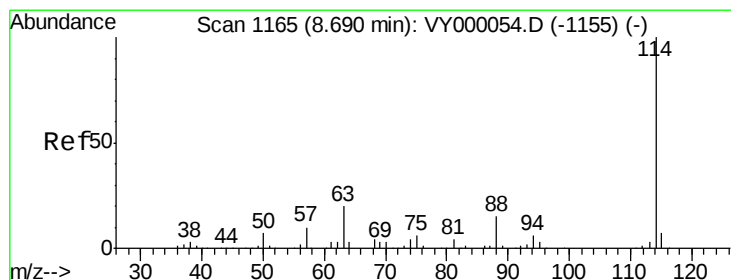
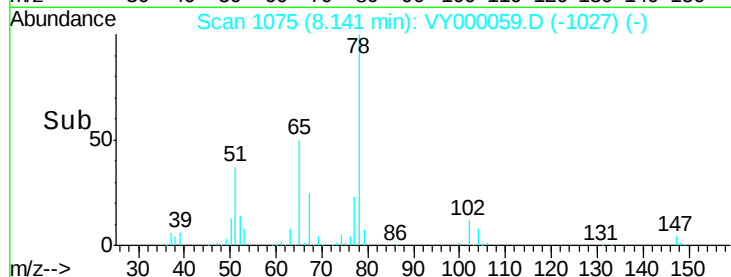
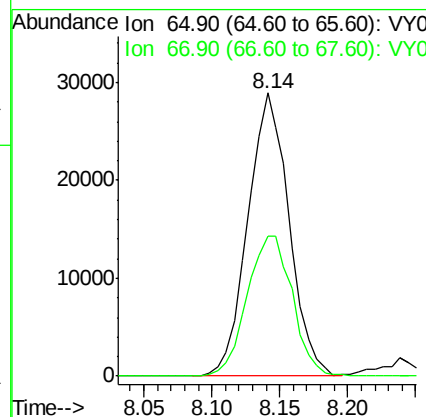
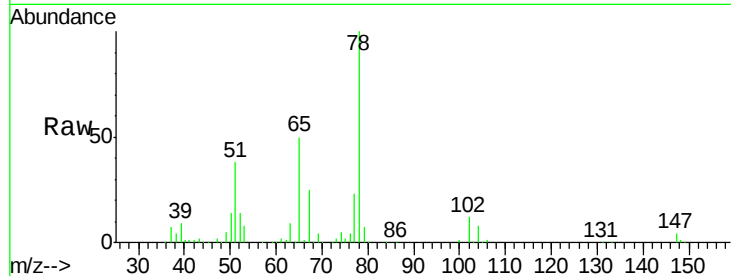
67 54.3 0.0 111.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

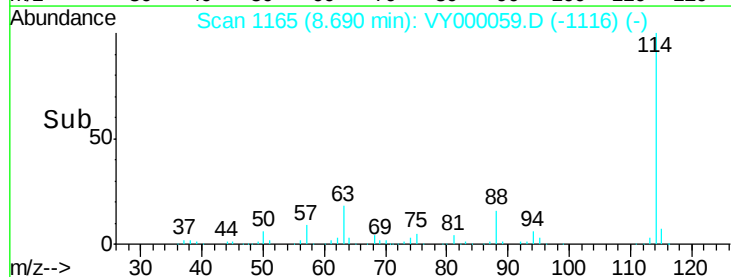
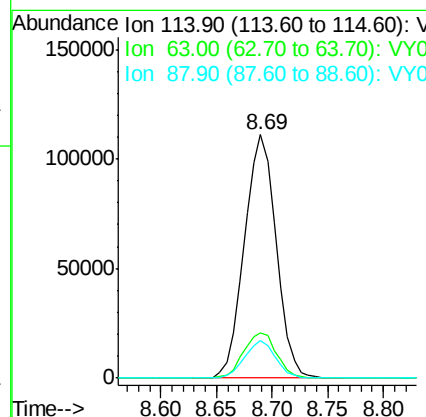
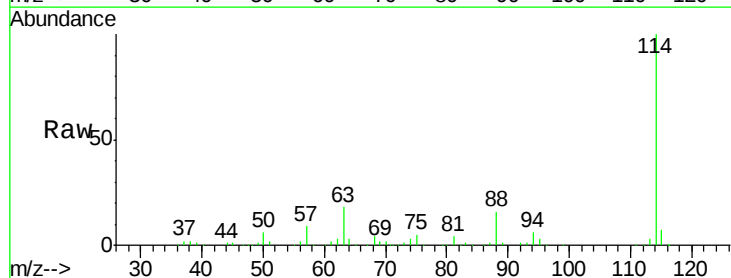
Tgt Ion: 114 Resp: 220294

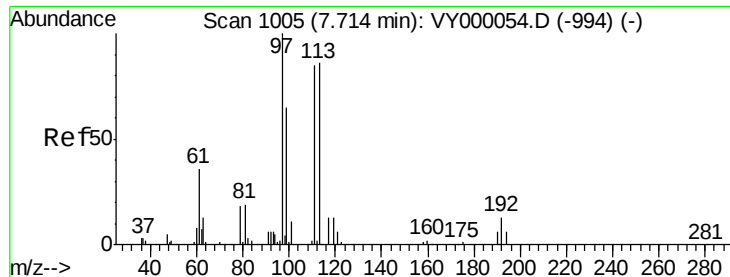
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.4

88 15.6 0.0 30.2





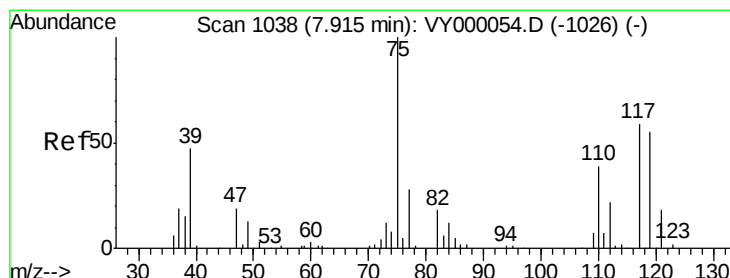
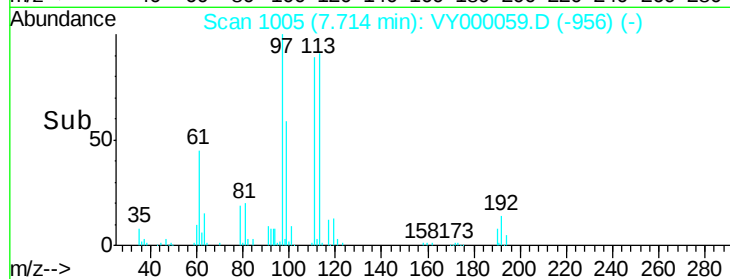
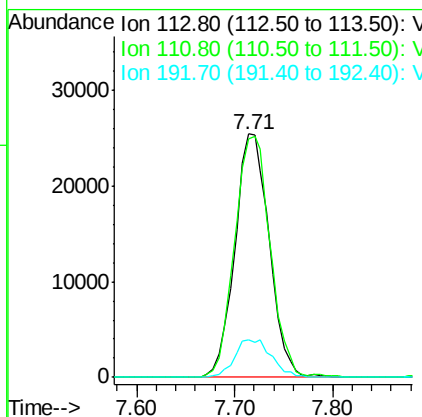
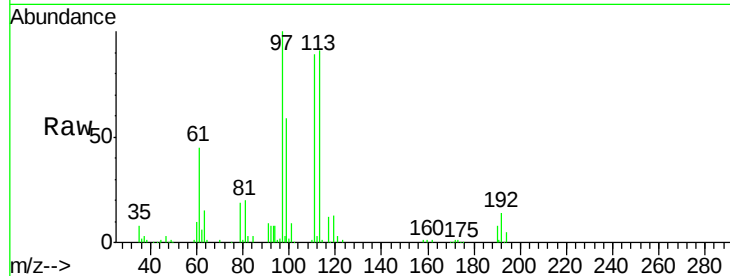
#35
Dibromofluoromethane
Concen: 46.379 ug/l
RT: 7.71 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	16.7	13.4	20.2

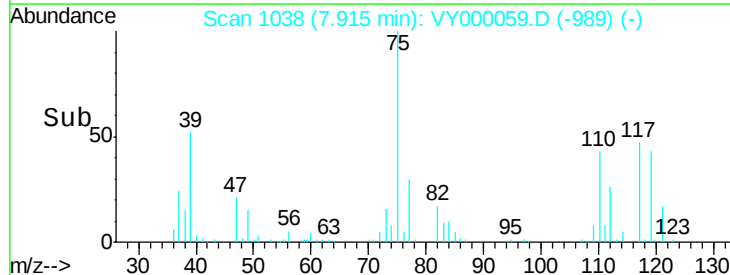
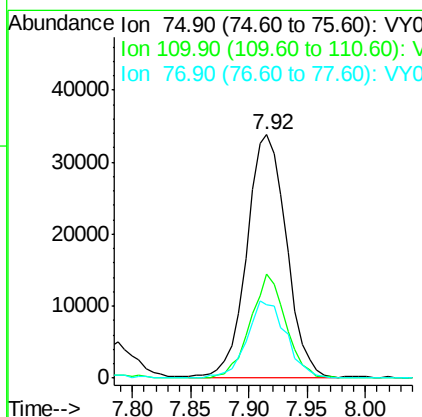
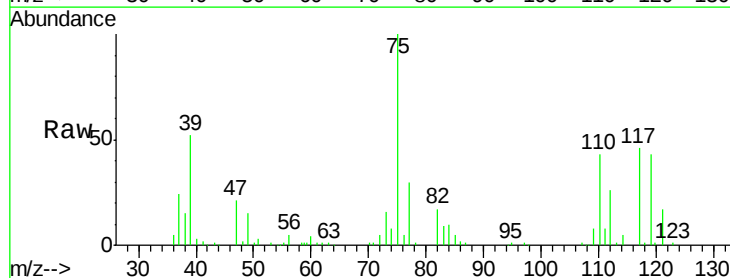
Manual Integrations
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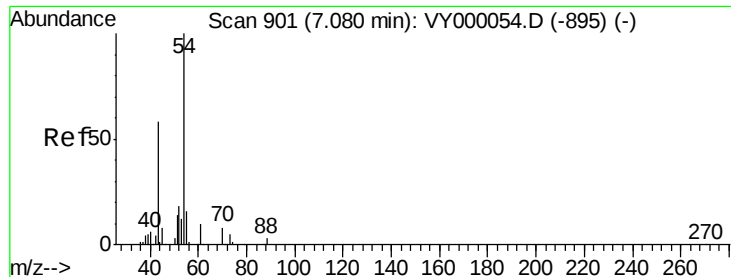
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#36
1,1-Dichloropropene
Concen: 48.343 ug/l
RT: 7.92 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.6	58.7
77	31.9	24.3	36.5





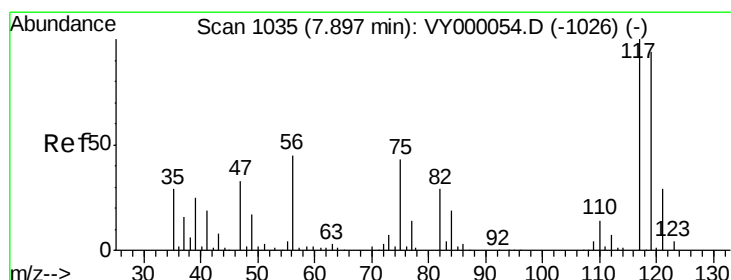
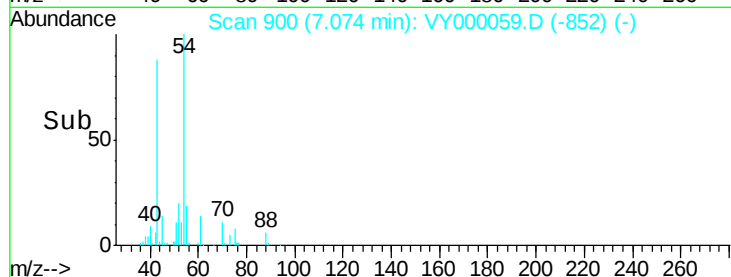
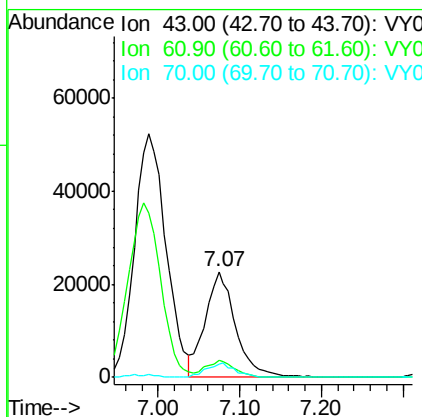
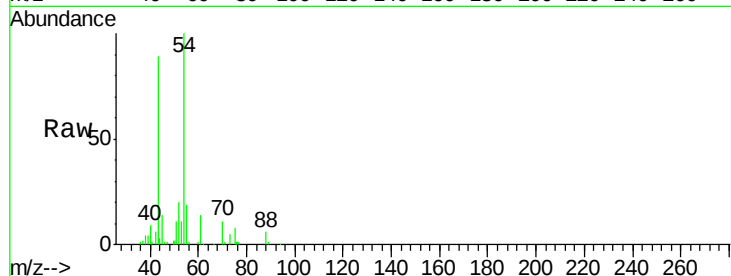
#37
Ethyl Acetate
Concen: 53.892 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	14.1	21.1
70	12.9	10.6	15.8

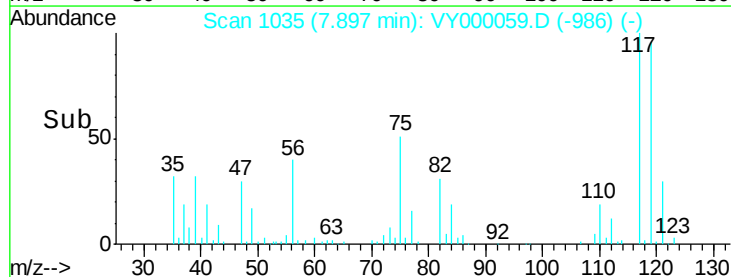
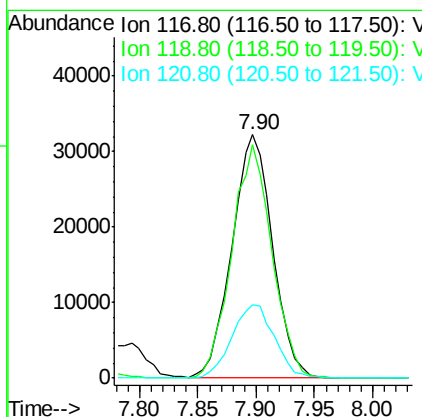
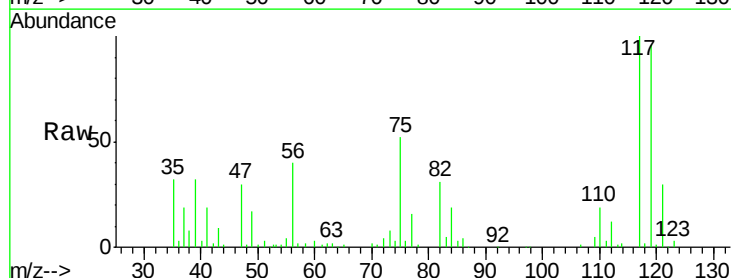
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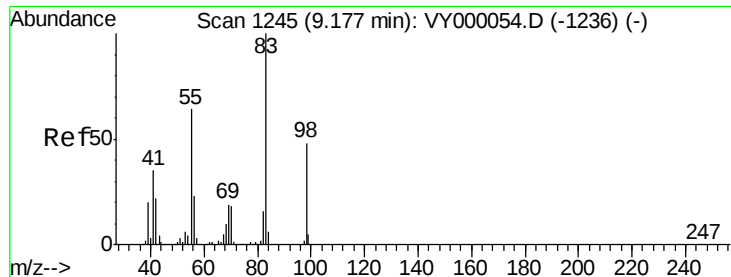
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#38
Carbon Tetrachloride
Concen: 50.456 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.0	112.6
121	29.9	22.8	34.2





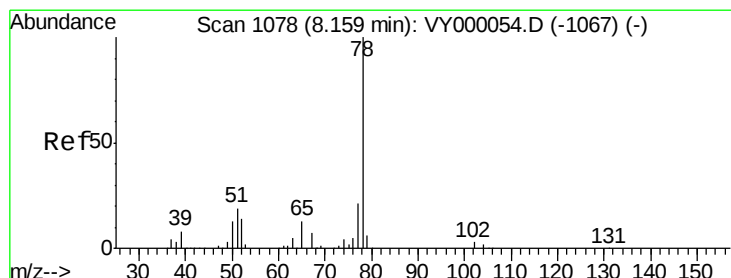
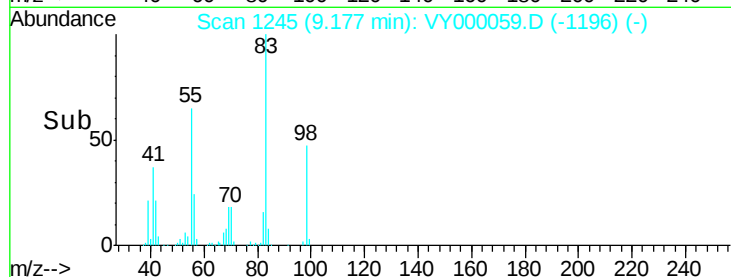
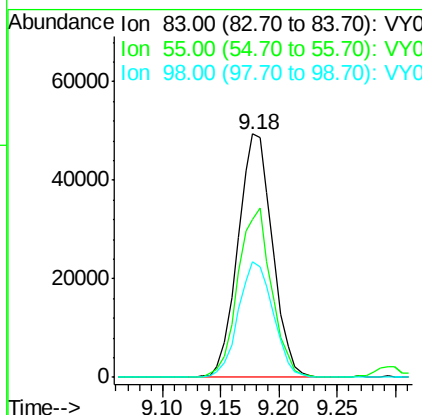
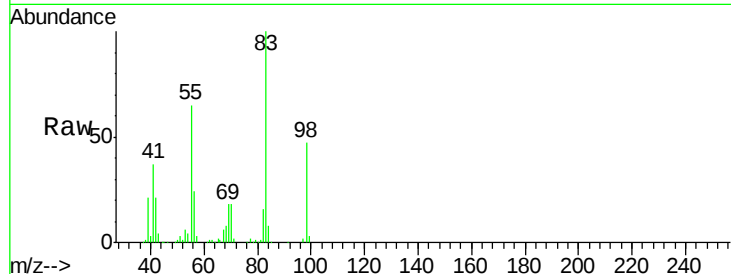
#39
Methvlcvclohexane
Concen: 50.483 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.9	51.0	76.6
98	47.3	38.5	57.7

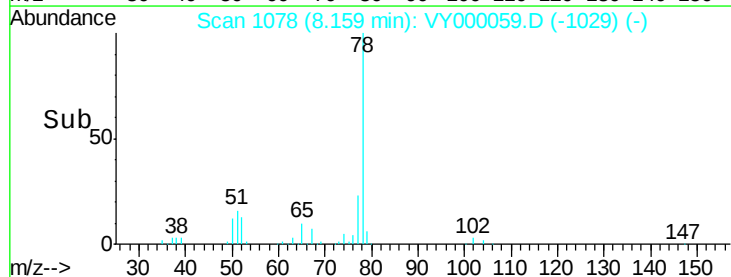
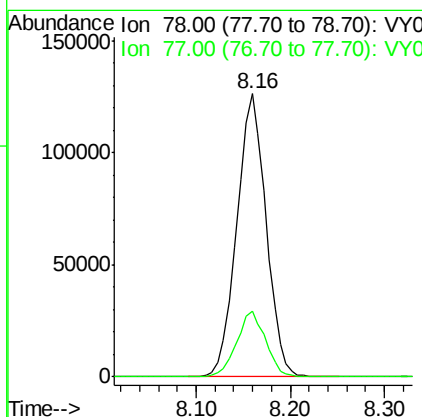
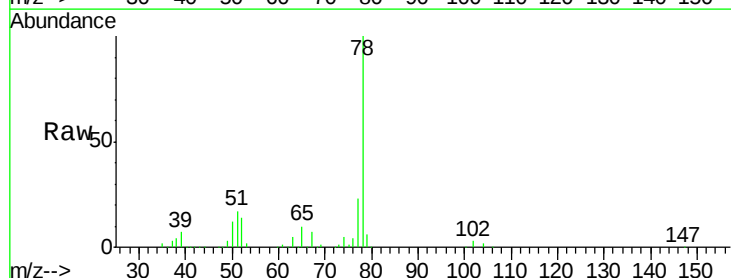
Manual Integrations
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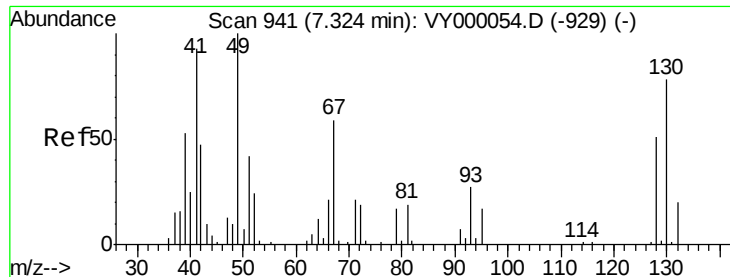
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#40
Benzene
Concen: 50.122 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	16.8	25.2





#41

Methacrylonitrile

Concen: 40.565 ug/l m

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 31704
Ion Ratio Lower Upper

41 100

39 72.0 91.8 137.6#

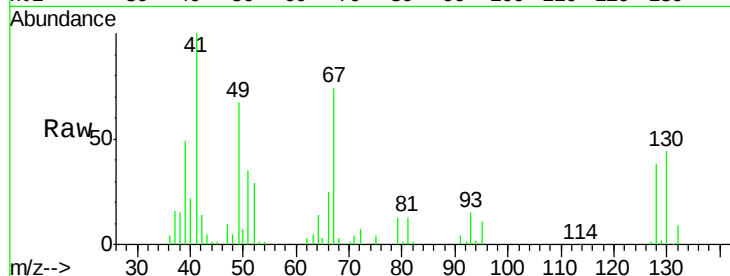
67 0.0 0.0 0.0

52 0.0 0.0 0.0

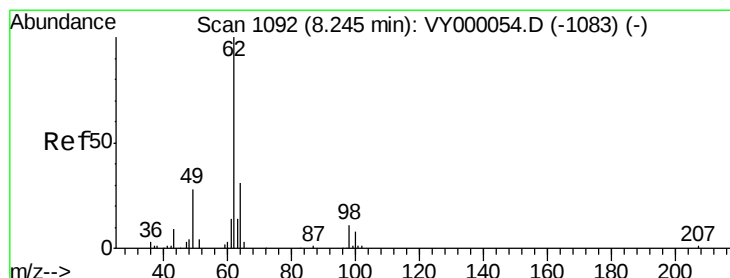
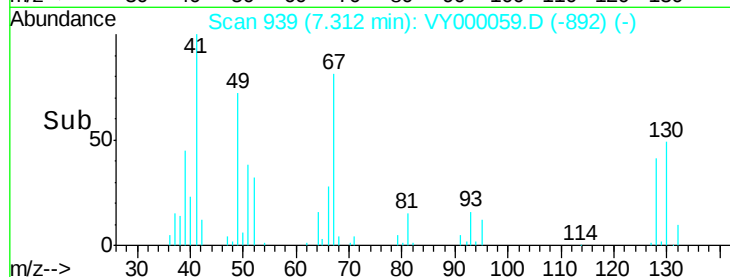
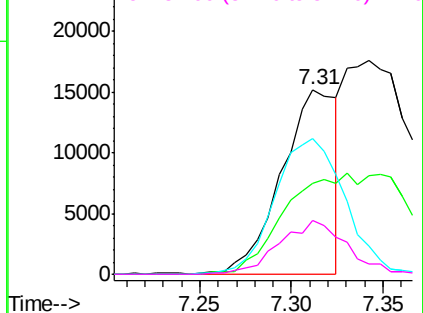
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.995 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.01 min

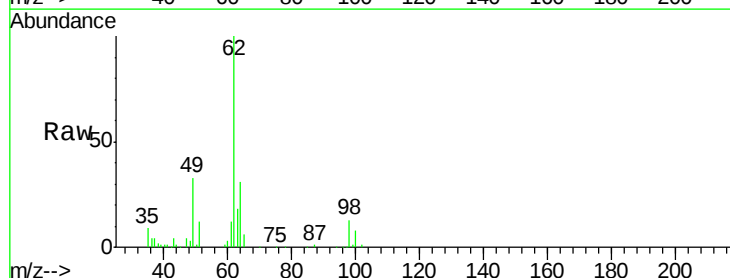
Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

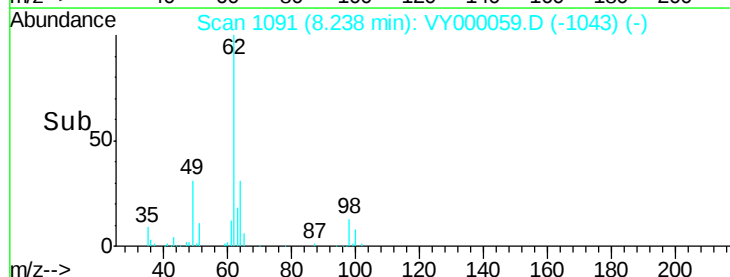
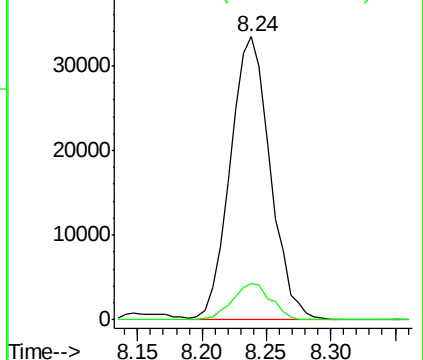
Tgt Ion: 62 Resp: 72047
Ion Ratio Lower Upper

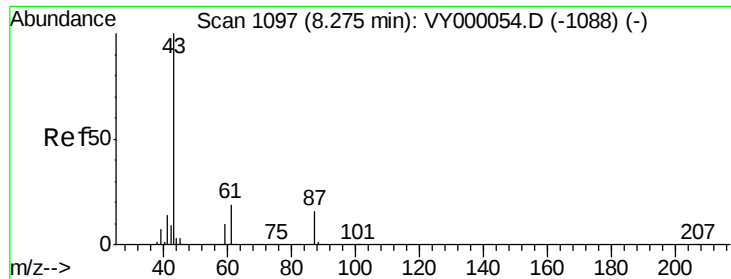
62 100

98 12.6 0.0 23.6



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





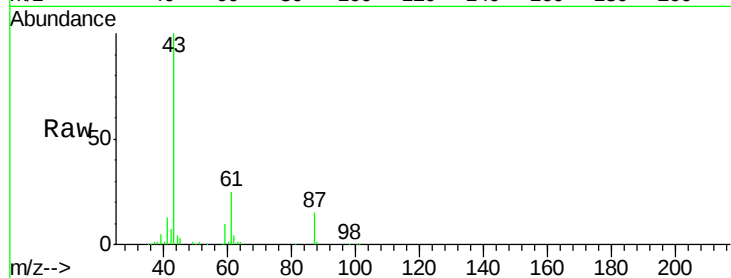
#43
Isopropyl Acetate
Concen: 51.768 ug/l
RT: 8.28 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

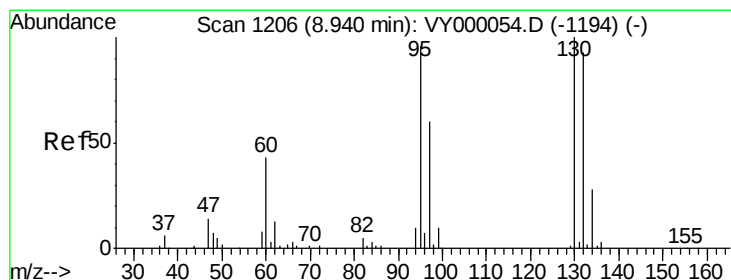
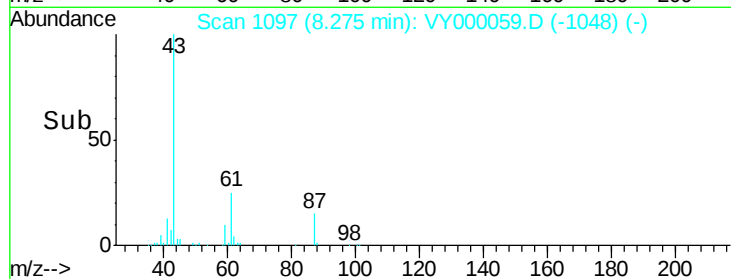
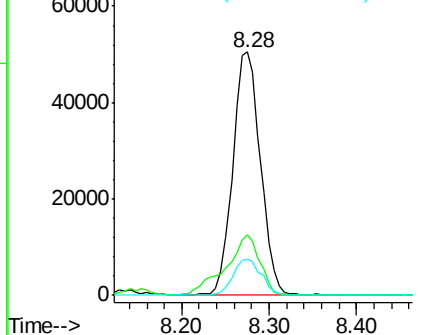
Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	25.0	37.6
87	15.2	12.4	18.6

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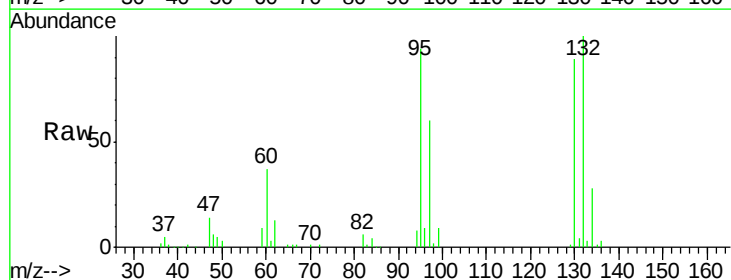


Abundance Ion 43.00 (42.70 to 43.70): VY000059.D (-1088) (-)
Ion 61.00 (60.70 to 61.70): VY000059.D (-1088) (-)
Ion 87.00 (86.70 to 87.70): VY000059.D (-1088) (-)

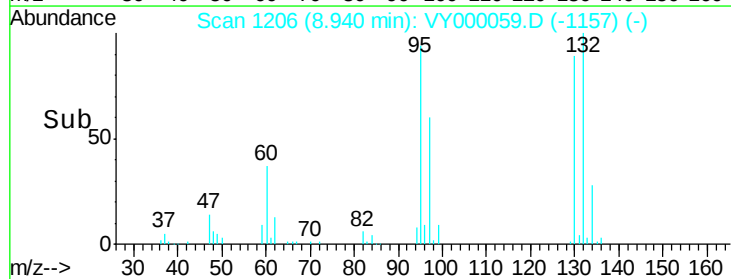
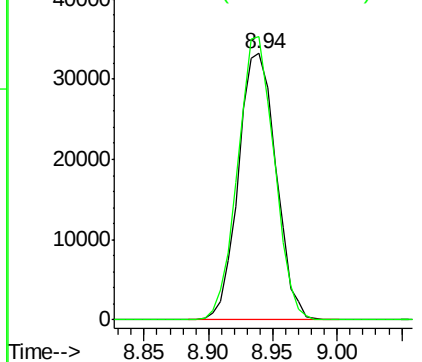


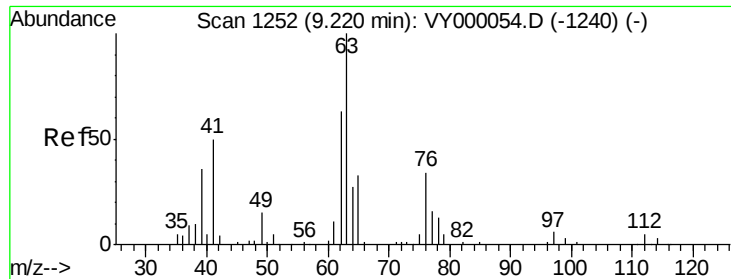
#44
Trichloroethene
Concen: 48.327 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.3	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): VY000059.D (-1194) (-)
Ion 94.90 (94.60 to 95.60): VY000059.D (-1194) (-)





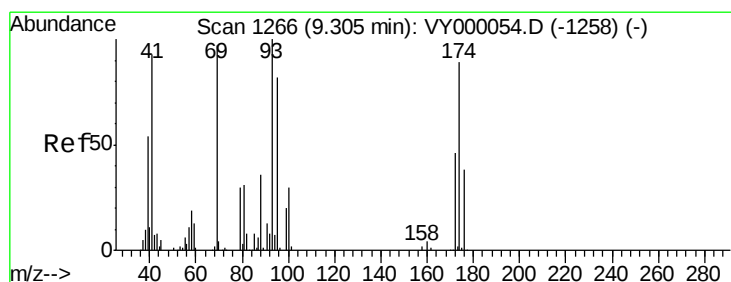
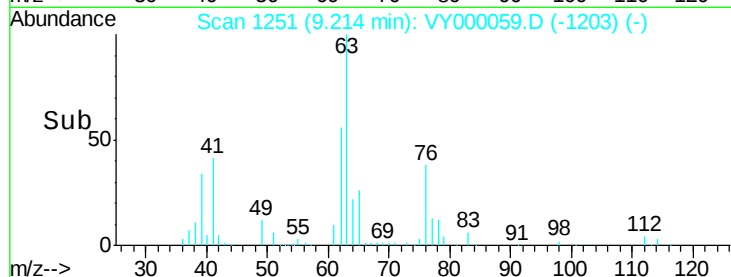
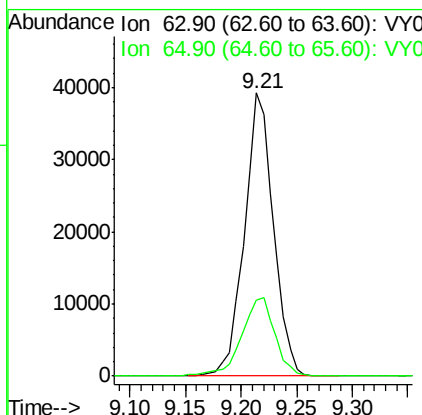
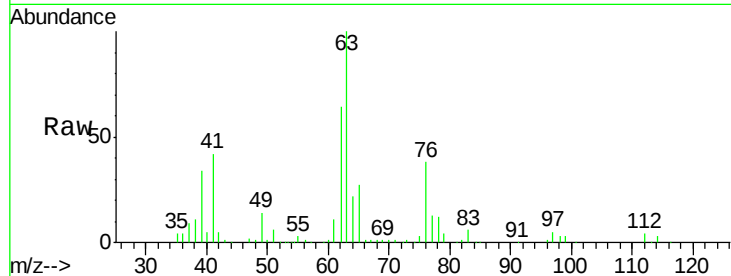
#45
 1,2-Dichloropropane
 Concen: 50.295 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 70882
 Ion Ratio Lower Upper
 63 100
 65 26.8 26.2 39.4

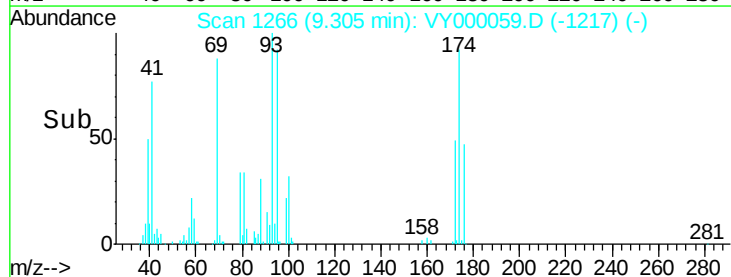
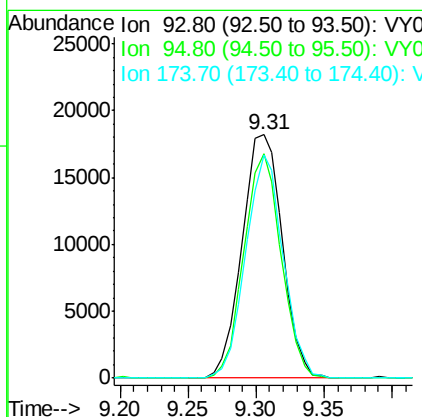
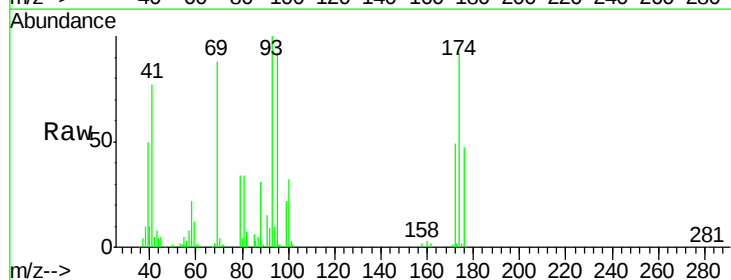
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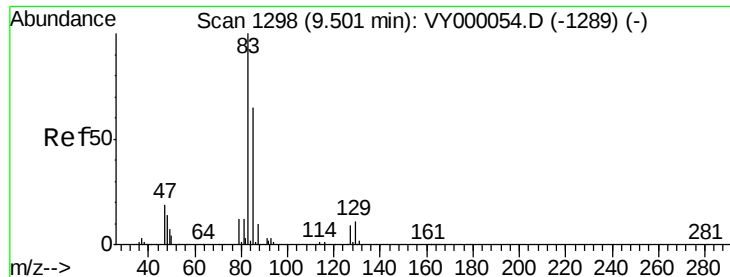
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#46
 Dibromomethane
 Concen: 49.094 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Tgt Ion: 93 Resp: 37792
 Ion Ratio Lower Upper
 93 100
 95 85.1 68.1 102.1
 174 85.1 67.8 101.6





#47

Bromodichloromethane

Concen: 50.666 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

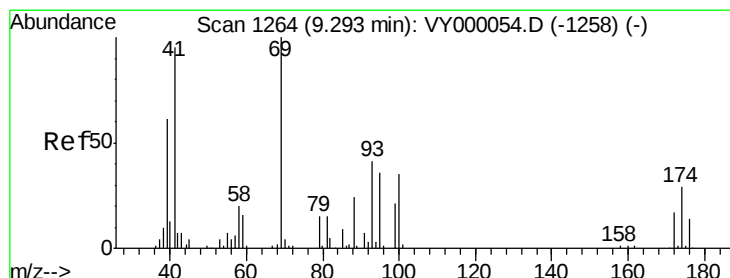
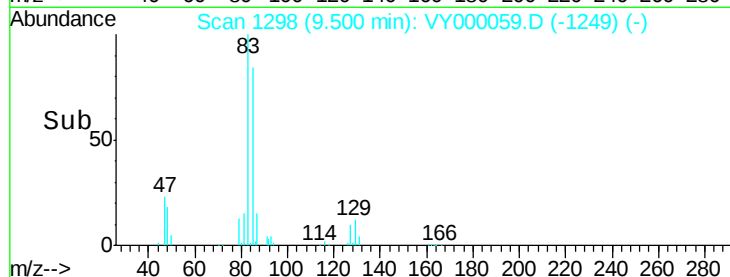
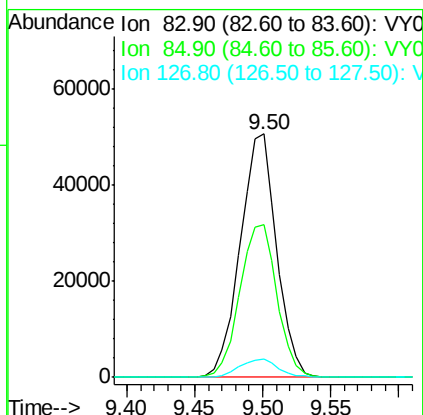
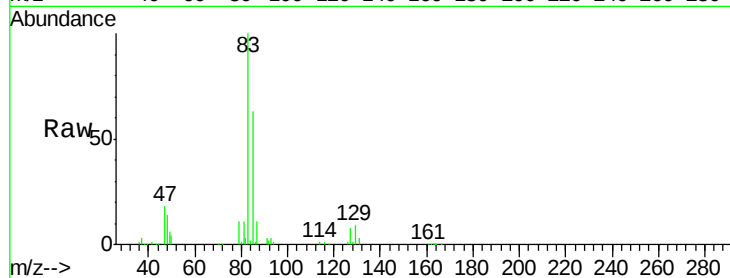
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	94643
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.3	78.5
127	7.6	6.8	10.2

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#48

Methyl methacrylate

Concen: 48.614 ug/l

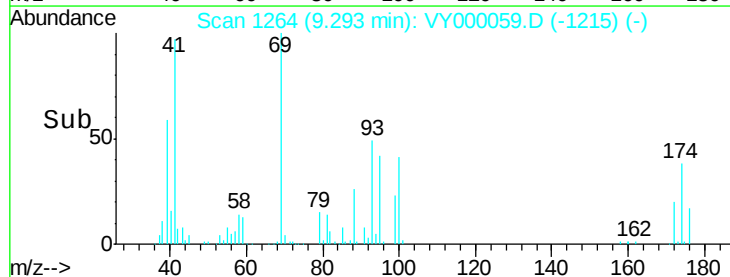
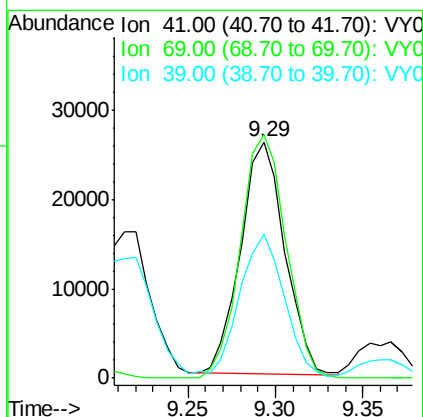
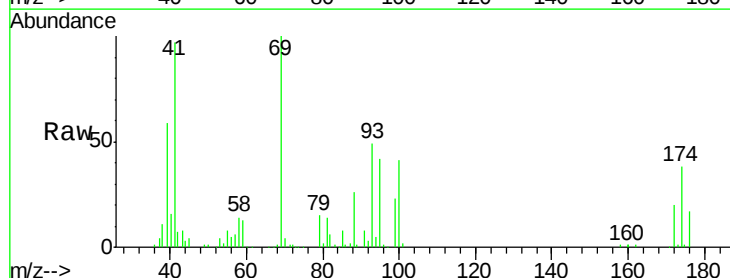
RT: 9.29 min Scan# 1264

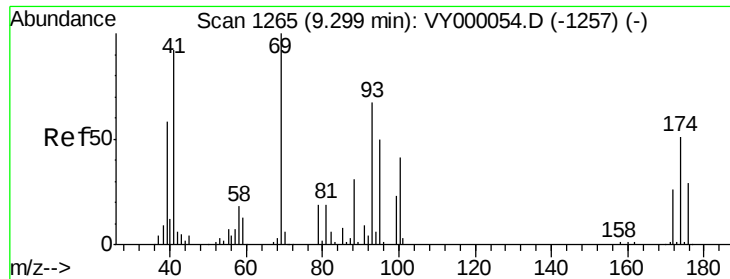
Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	41	Resp:	45910
Ion	Ratio	Lower	Upper
41	100		
69	107.6	78.1	117.1
39	62.0	49.4	74.0





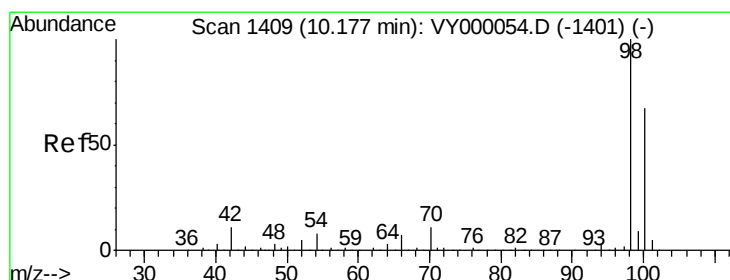
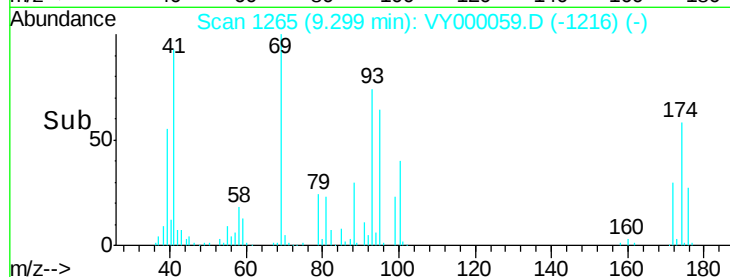
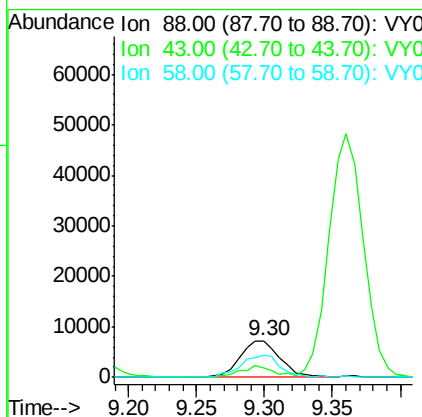
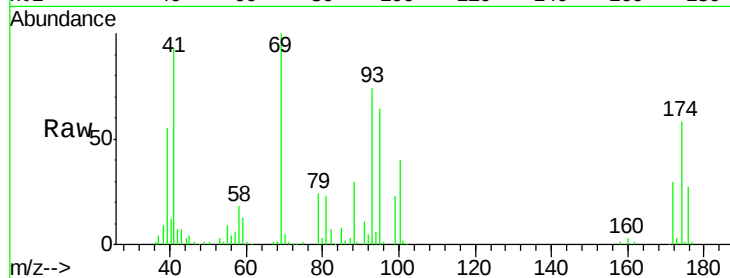
#49
1,4-Dioxane
Concen: 993.247 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	14845
Ion Ratio	100	Lower	Upper
88	100		
43	27.8	18.7	28.1
58	60.8	53.0	79.6

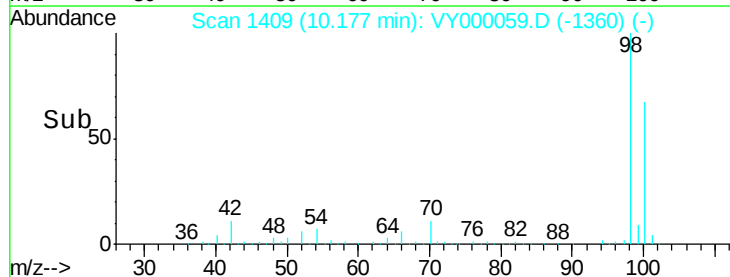
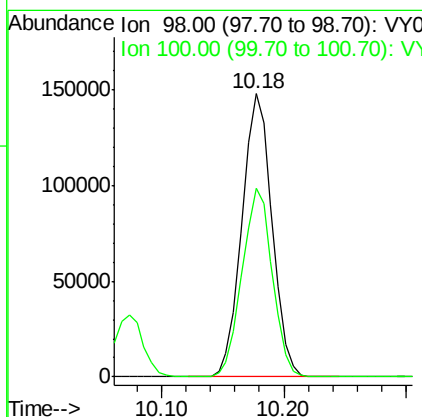
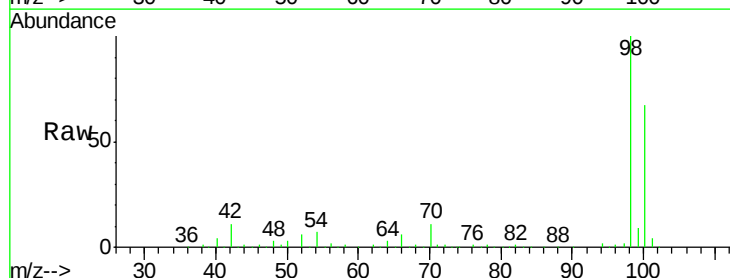
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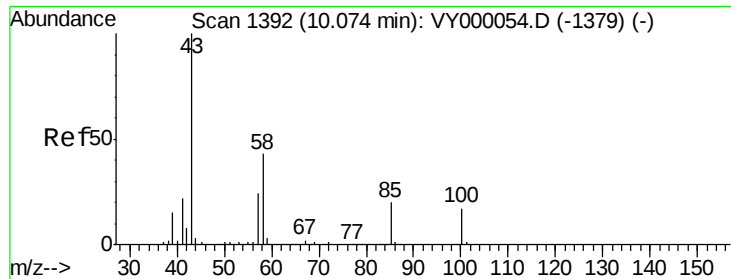
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#50
Toluene-d8
Concen: 48.153 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	98	Resp	252268
Ion Ratio	100	Lower	Upper
98	100		
100	67.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 258.908 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 303547

Ion Ratio Lower Upper

43 100

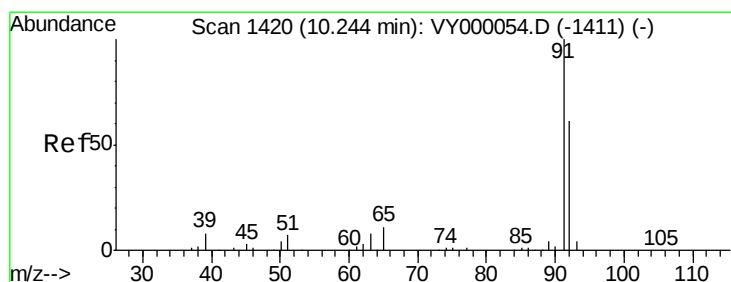
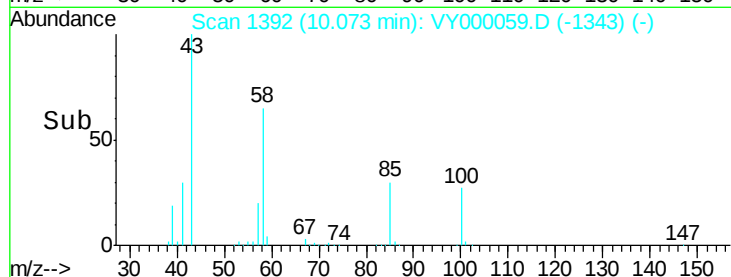
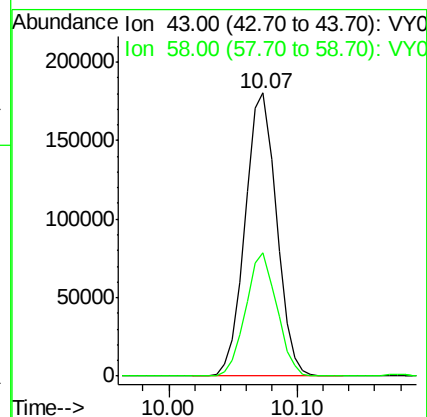
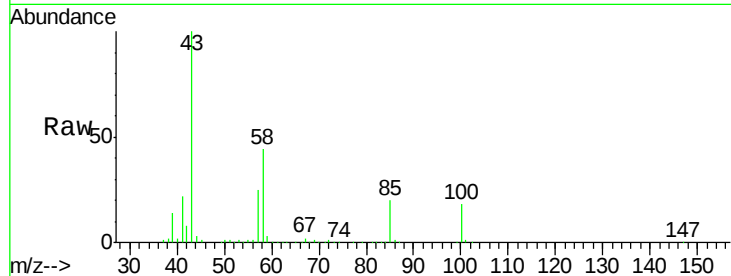
58 43.1 34.2 51.2

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#52

Toluene

Concen: 49.507 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000059.D

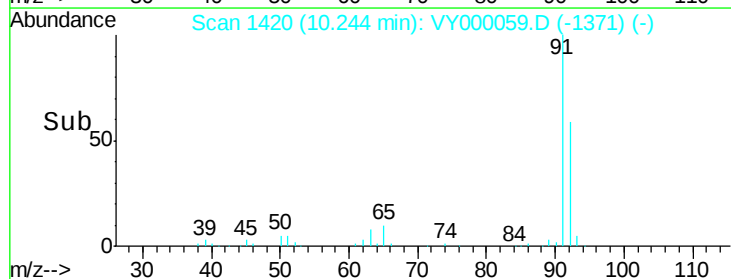
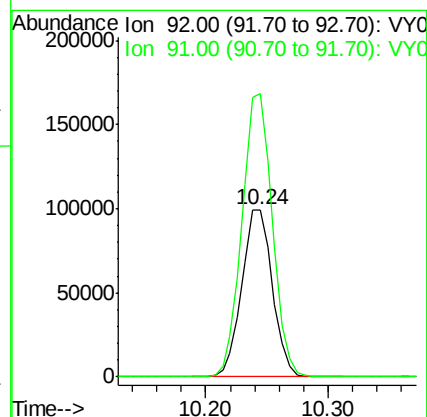
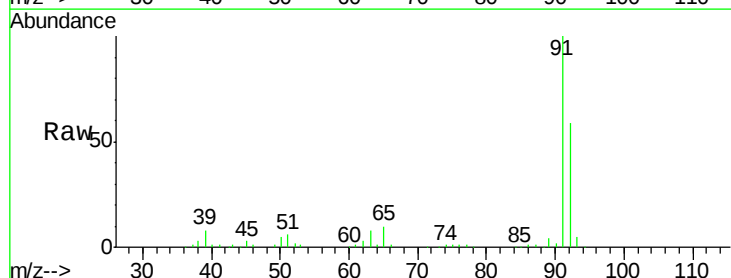
Acq: 18 Sep 2019 14:38

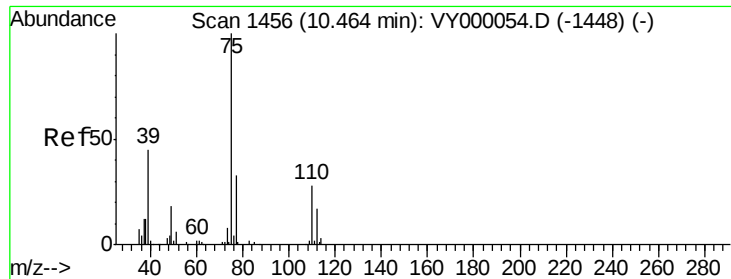
Tgt Ion: 92 Resp: 171121

Ion Ratio Lower Upper

92 100

91 169.1 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 50.665 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 100347

Ion Ratio Lower Upper

75 100

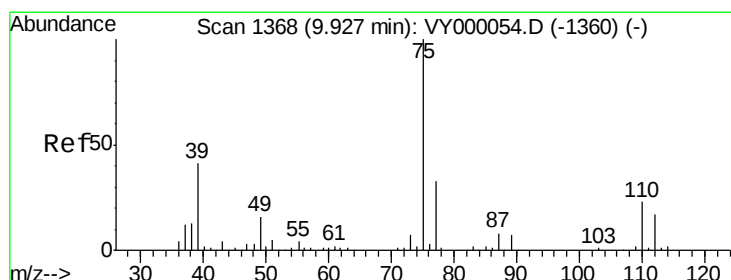
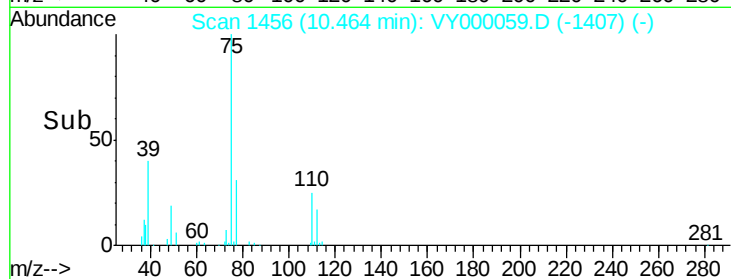
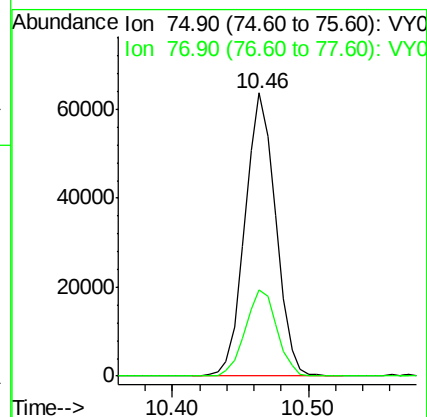
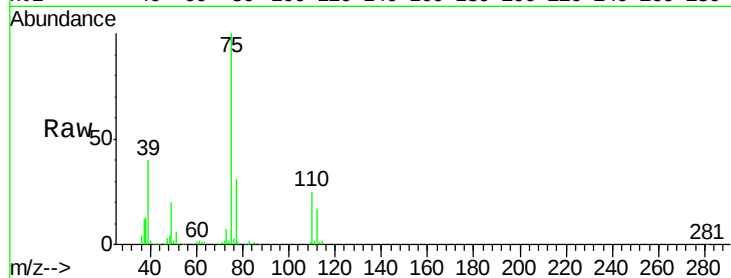
77 30.7 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 50.802 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

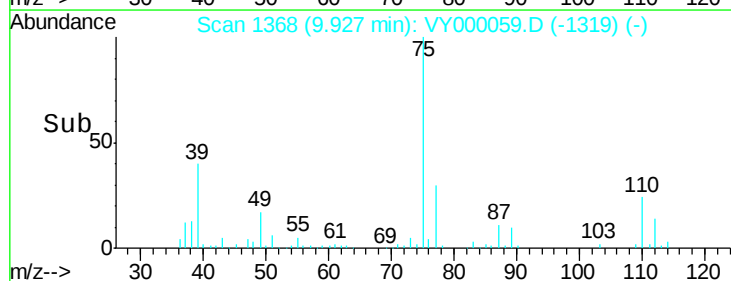
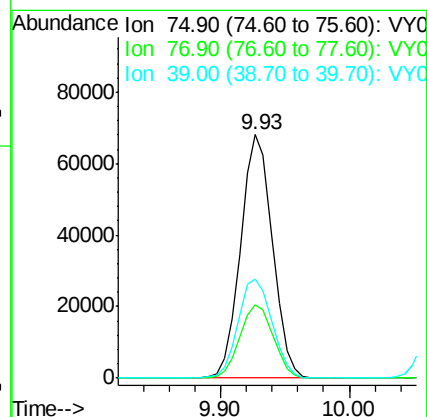
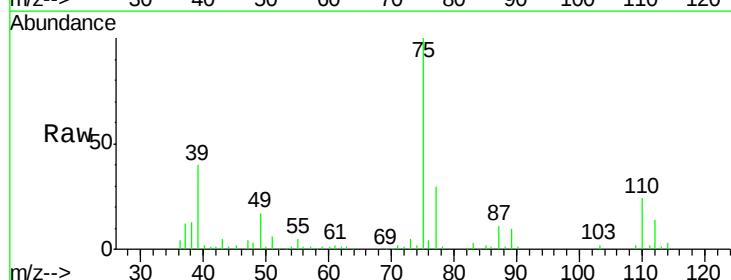
Tgt Ion: 75 Resp: 116194

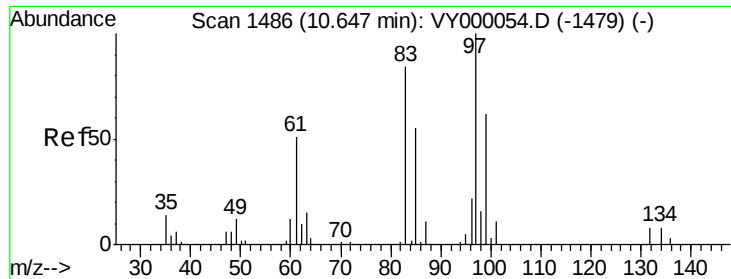
Ion Ratio Lower Upper

75 100

77 30.0 26.1 39.1

39 40.4 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 50.982 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 61528

Ion Ratio Lower Upper

97 100

83 87.4 67.3 100.9

85 54.6 43.6 65.4

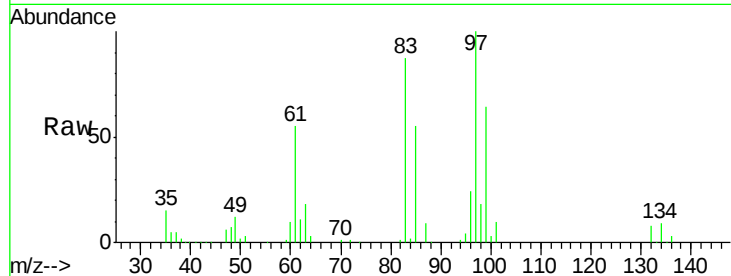
99 64.2 49.8 74.6

Manual Integrations

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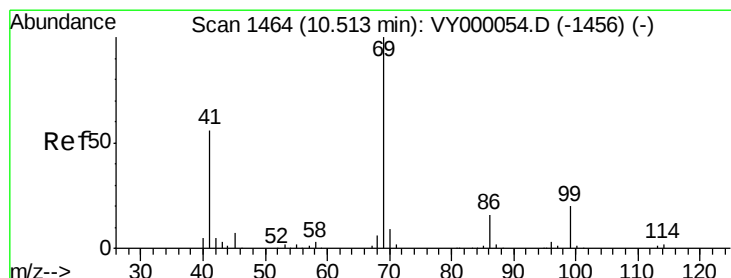
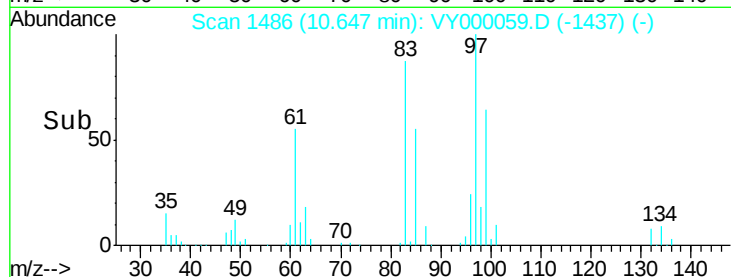
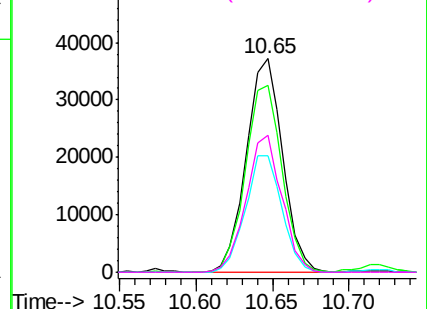


Abundance Ion 96.90 (96.60 to 97.60): VY000054.D (-1479) (-)

Ion 82.90 (82.60 to 83.60): VY000054.D (-1479) (-)

Ion 84.90 (84.60 to 85.60): VY000054.D (-1479) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1479) (-)



#56

Ethyl methacrylate

Concen: 52.042 ug/l

RT: 10.51 min Scan# 1463

Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

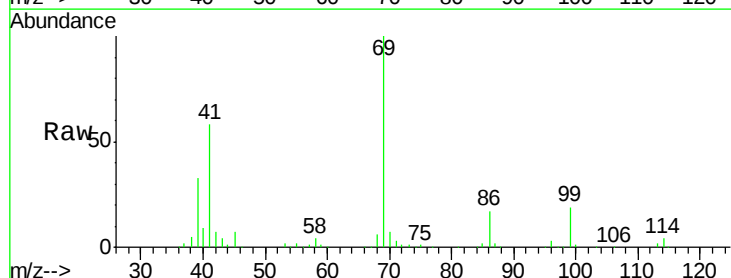
Tgt Ion: 69 Resp: 89374

Ion Ratio Lower Upper

69 100

41 56.2 45.6 68.4

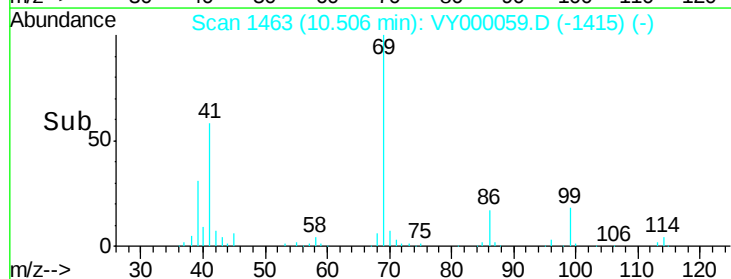
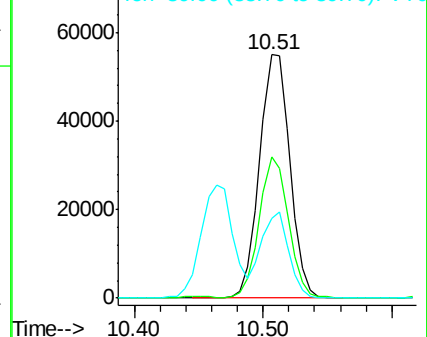
39 32.5 27.3 40.9

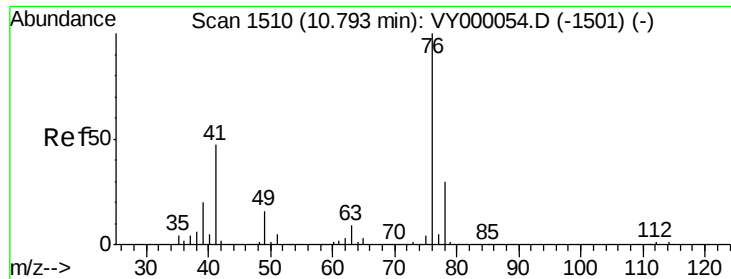


Abundance Ion 69.00 (68.70 to 69.70): VY000054.D (-1456) (-)

Ion 41.00 (40.70 to 41.70): VY000054.D (-1456) (-)

Ion 39.00 (38.70 to 39.70): VY000054.D (-1456) (-)





#57

1,3-Dichloropropane

Concen: 50.635 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 102652

Ion Ratio Lower Upper

76 100

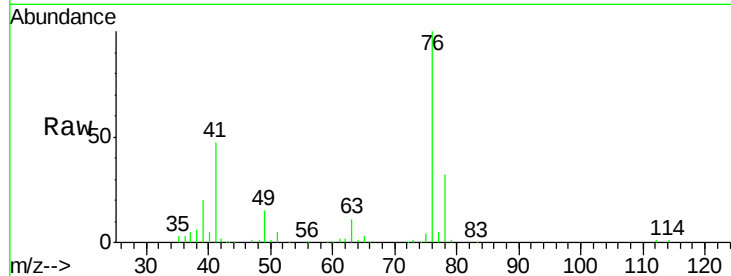
78 31.5 26.6 40.0

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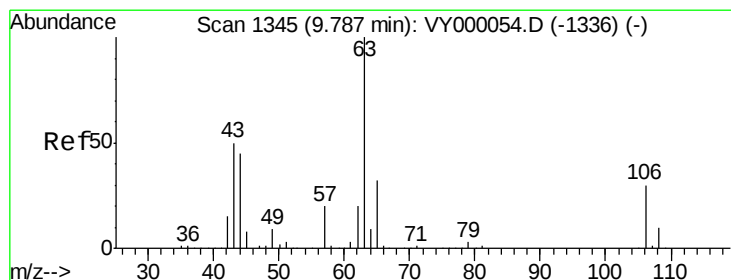
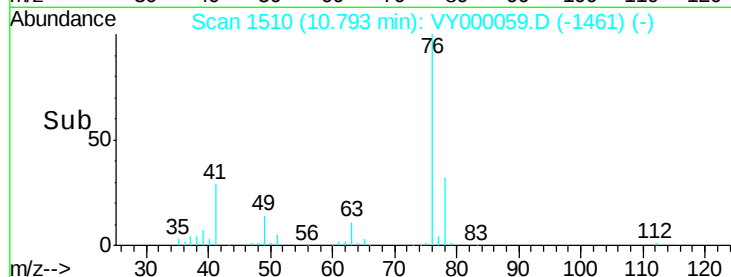
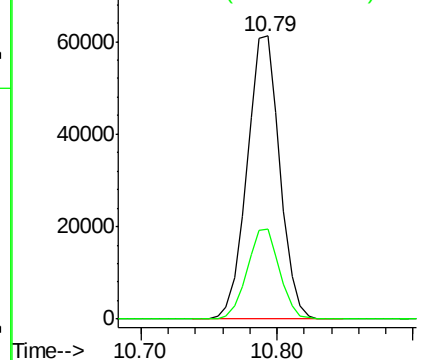
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 250.175 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000059.D

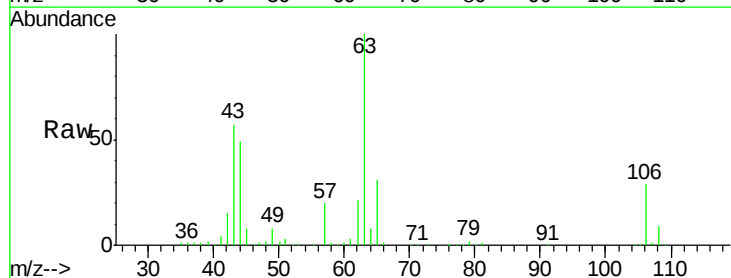
Acq: 18 Sep 2019 14:38

Tgt Ion: 63 Resp: 232248

Ion Ratio Lower Upper

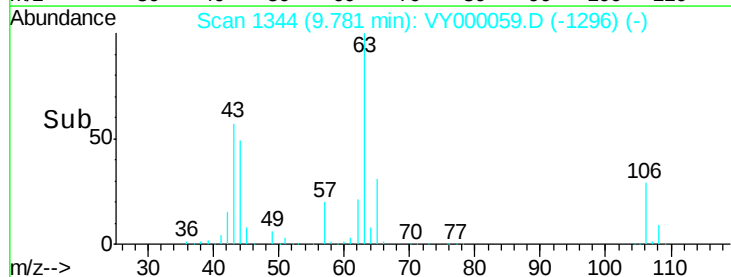
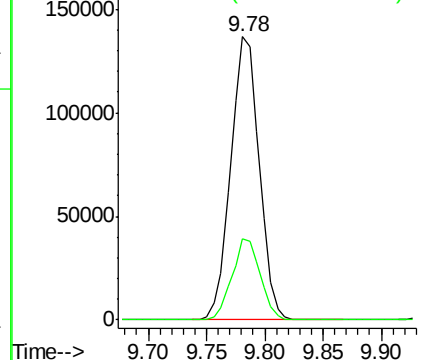
63 100

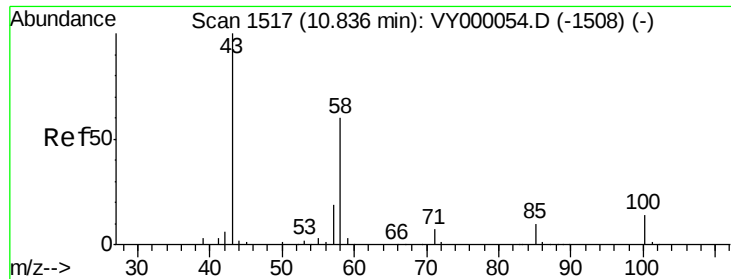
106 28.4 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





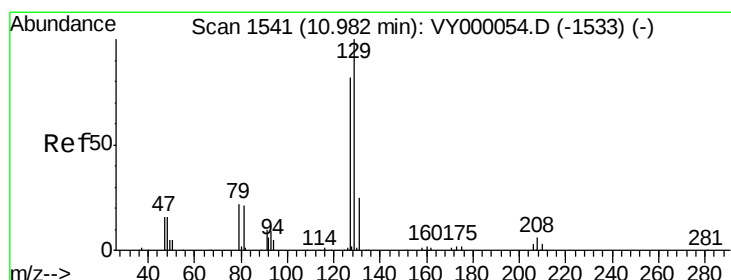
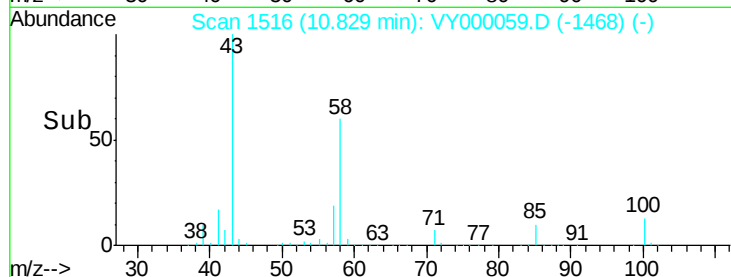
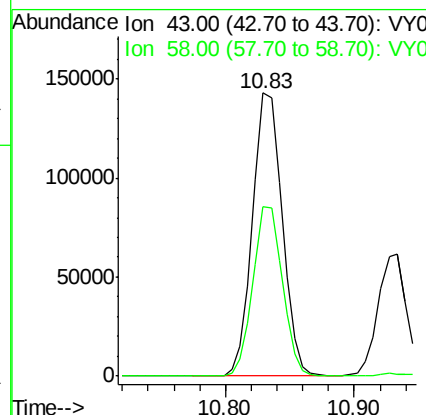
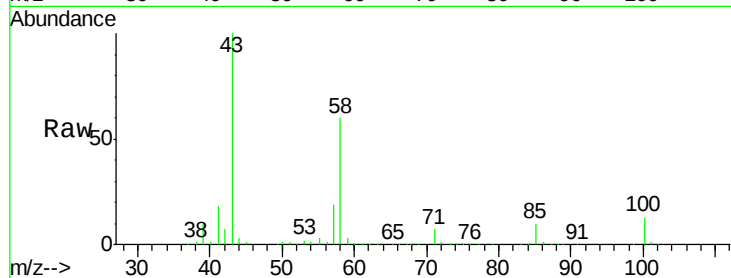
#59
2-Hexanone
Concen: 271.598 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 227168
Ion Ratio Lower Upper
43 100
58 59.4 29.9 89.7

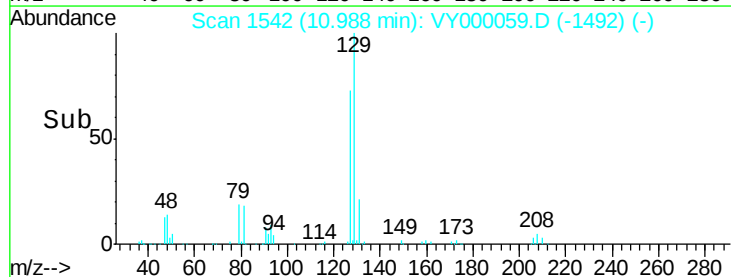
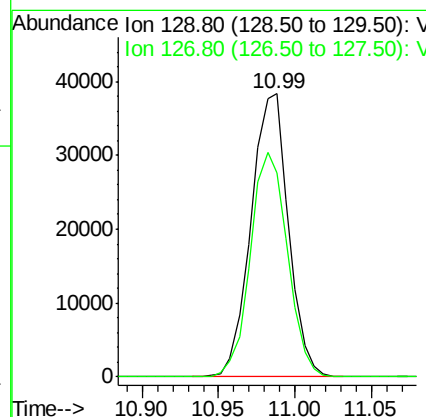
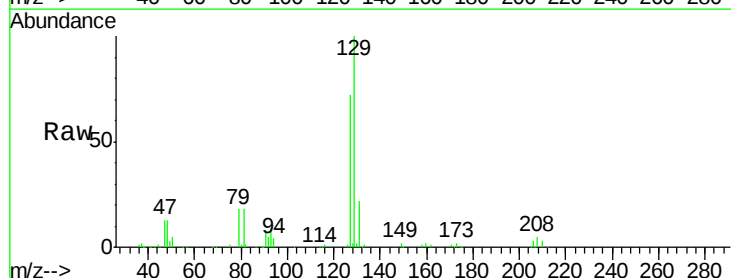
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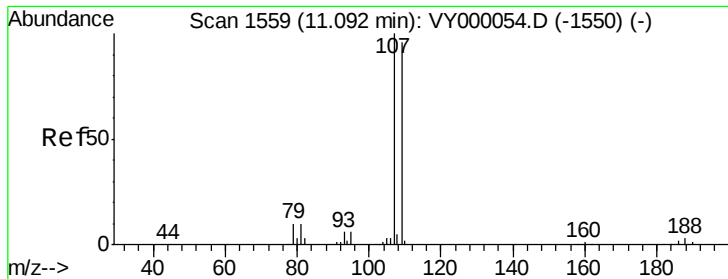
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#60
Dibromochloromethane
Concen: 51.675 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion: 129 Resp: 65335
Ion Ratio Lower Upper
129 100
127 78.5 40.2 120.6





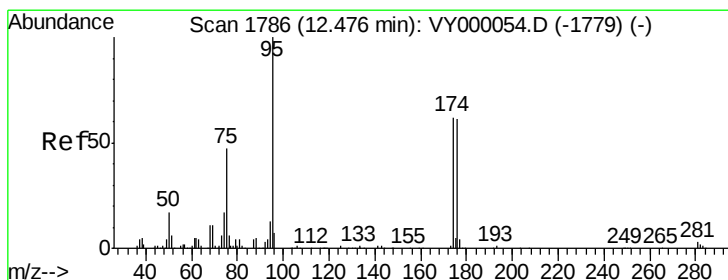
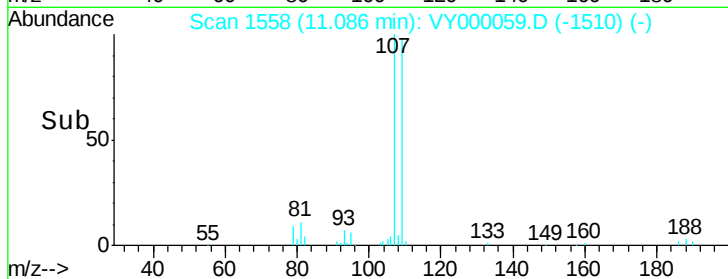
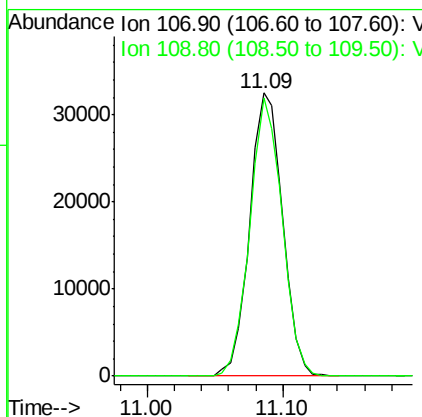
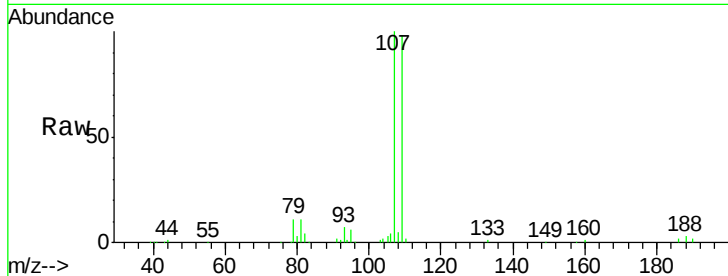
#61
 1,2-Dibromoethane
 Concen: 50.044 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.0	112.6

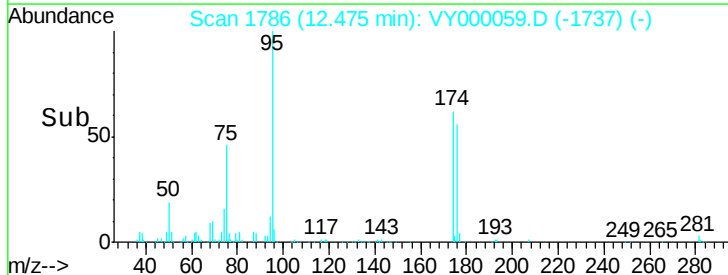
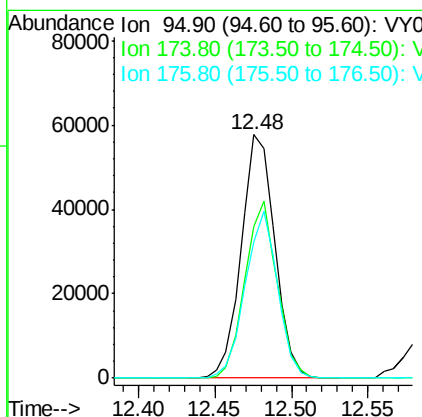
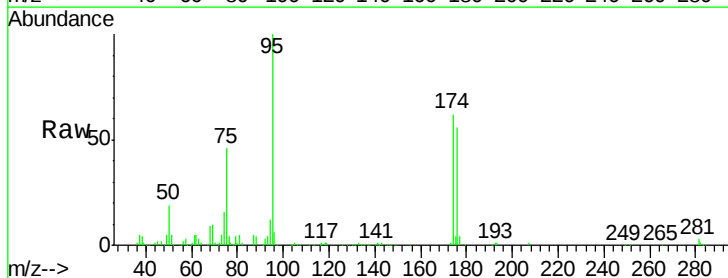
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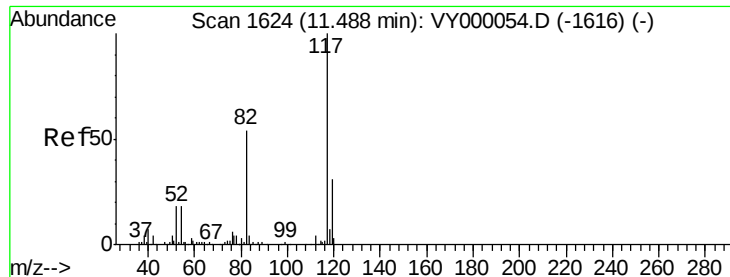
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 45.201 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	137.2
176	66.1	0.0	135.0





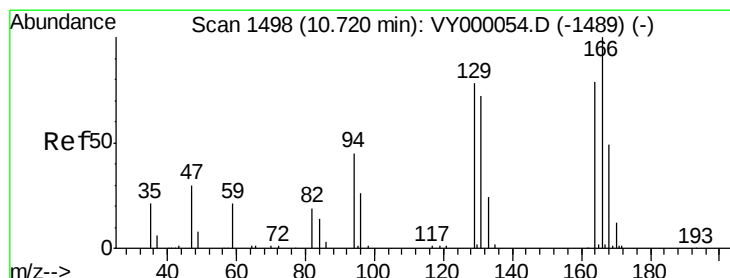
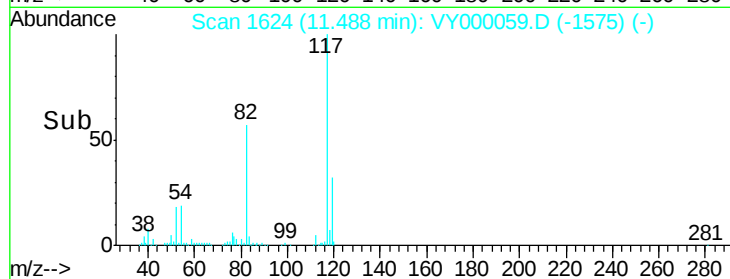
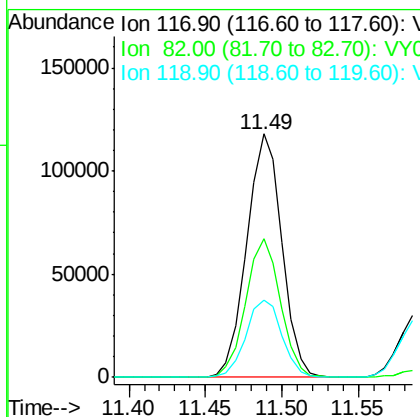
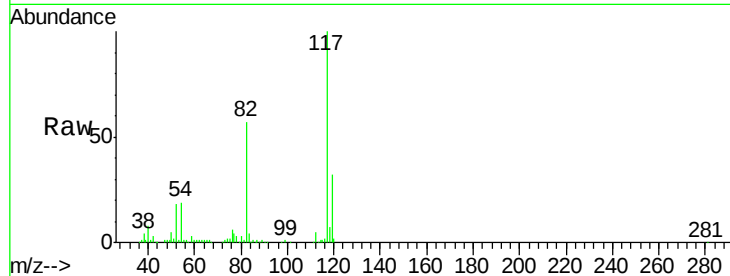
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.5	65.3
119	31.5	24.6	36.8

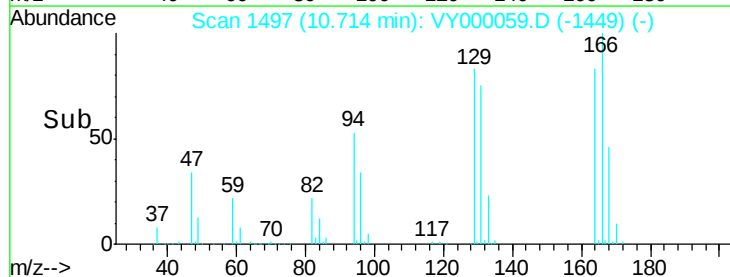
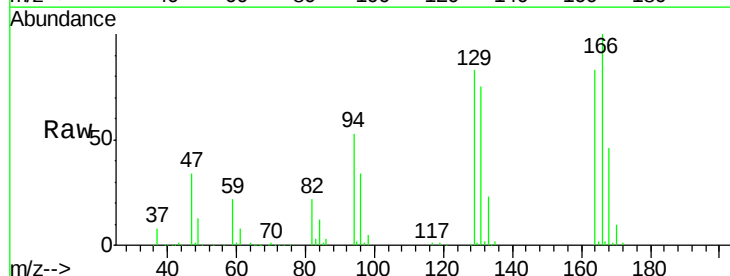
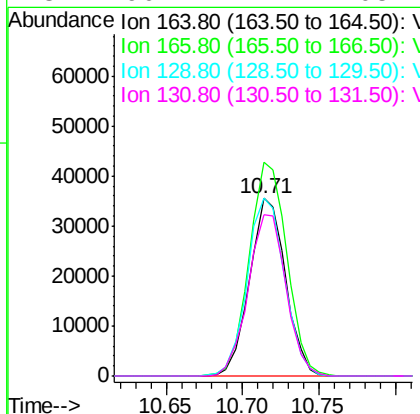
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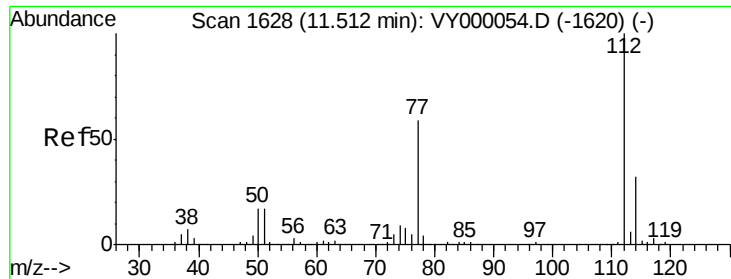
MMDadoda
9/20/2019 12:39:28 AM



#64
Tetrachloroethene
Concen: 49.279 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.2	100.9	151.3
129	100.2	78.4	117.6
131	90.7	72.2	108.2





#65

Chlorobenzene

Concen: 50.941 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 189601

Ion Ratio Lower Upper

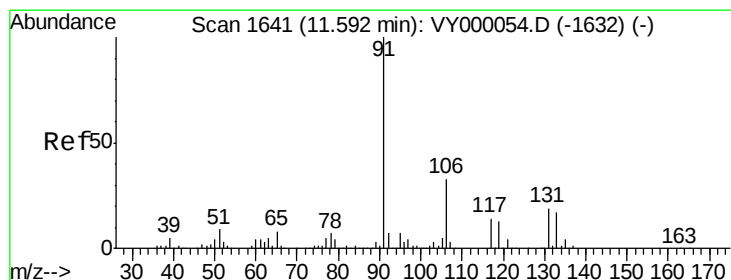
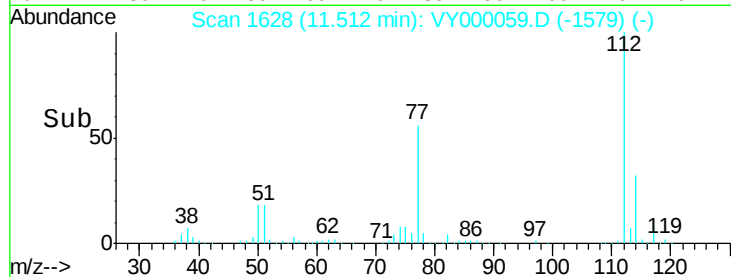
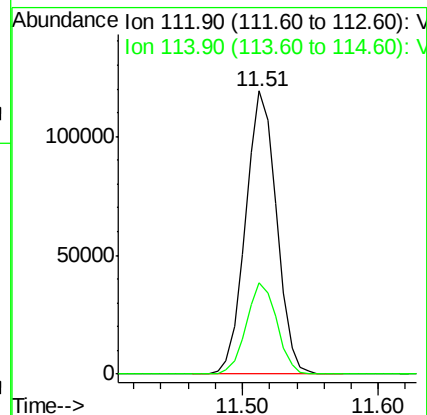
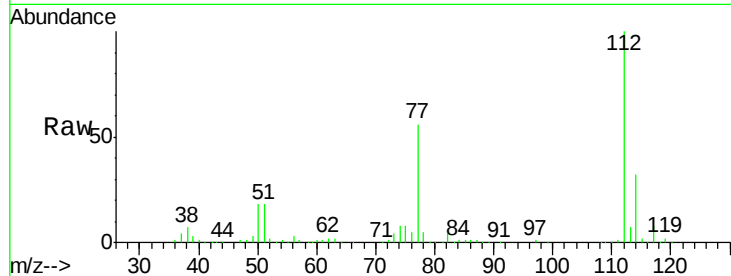
112 100

114 32.3 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.678 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

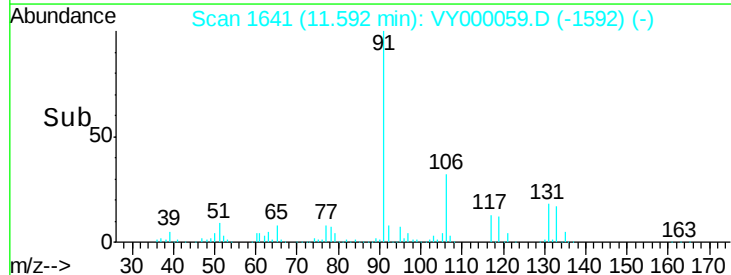
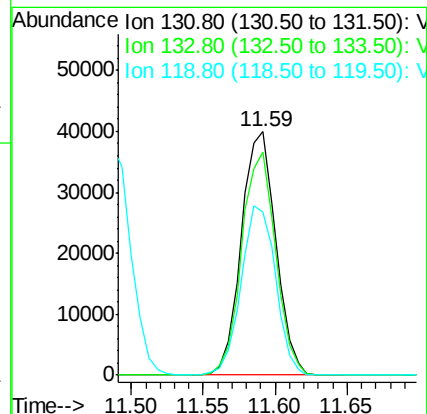
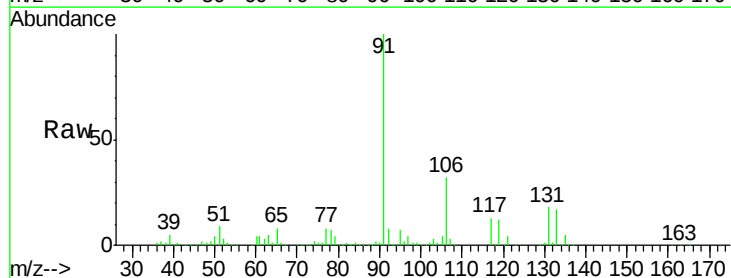
Tgt Ion:131 Resp: 66294

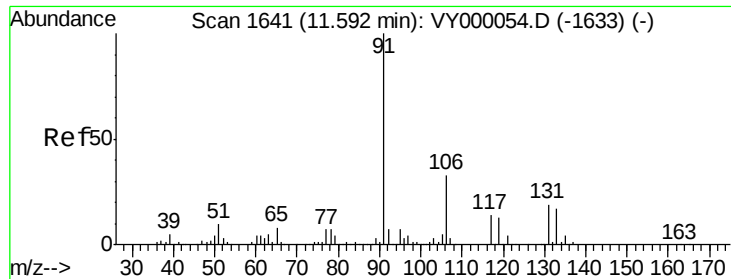
Ion Ratio Lower Upper

131 100

133 90.3 46.6 139.8

119 69.6 36.2 108.6





#67

Ethyl Benzene

Concen: 50.824 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 337592

Ion Ratio Lower Upper

91 100

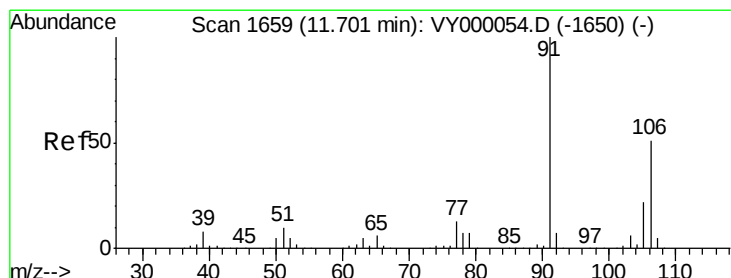
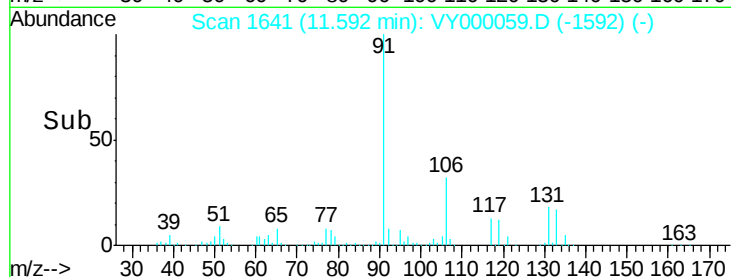
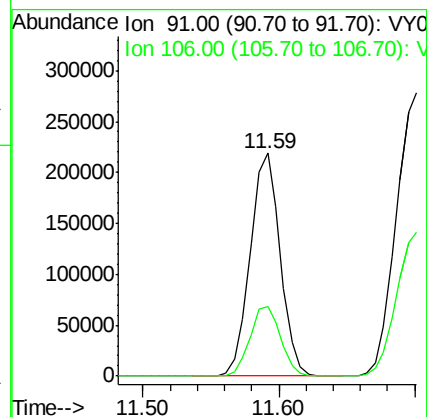
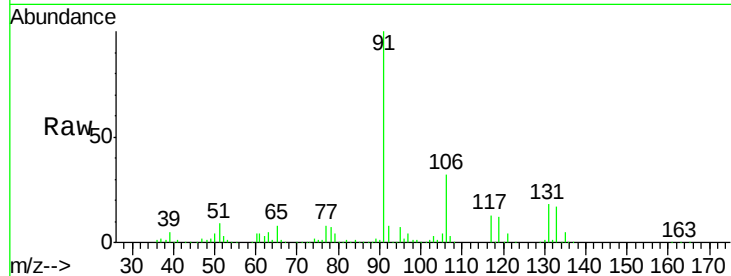
106 31.5 26.6 40.0

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#68

m/p-Xylenes

Concen: 102.430 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VY000059.D

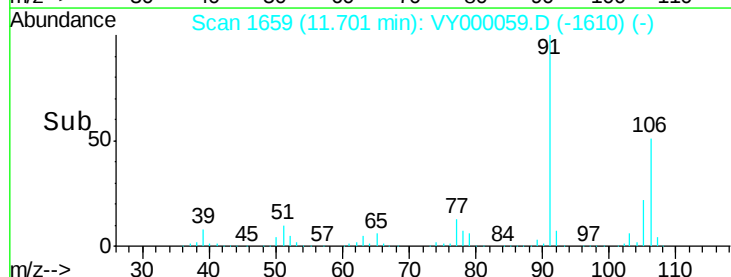
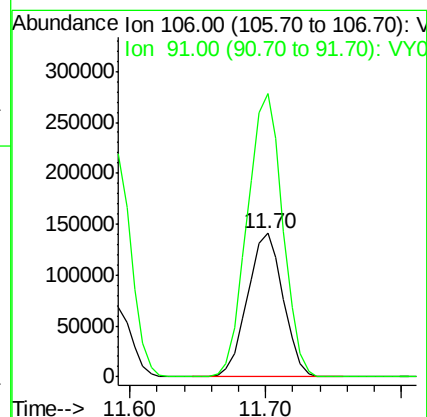
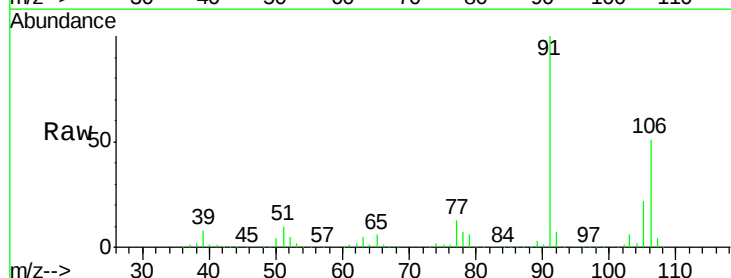
Acq: 18 Sep 2019 14:38

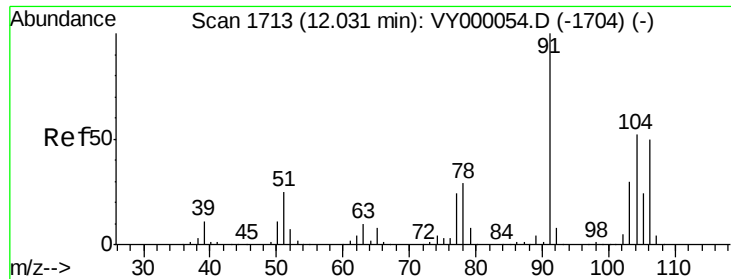
Tgt Ion: 106 Resp: 258890

Ion Ratio Lower Upper

106 100

91 196.2 154.5 231.7





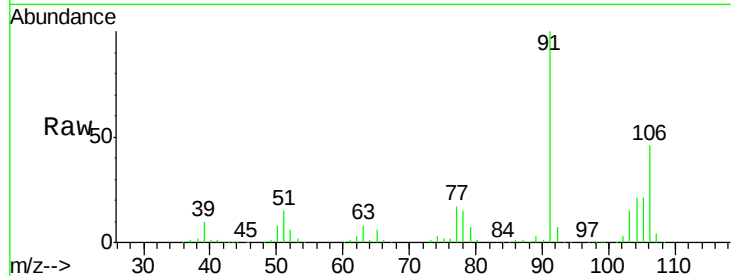
#69
o-Xylene
Concen: 50.659 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

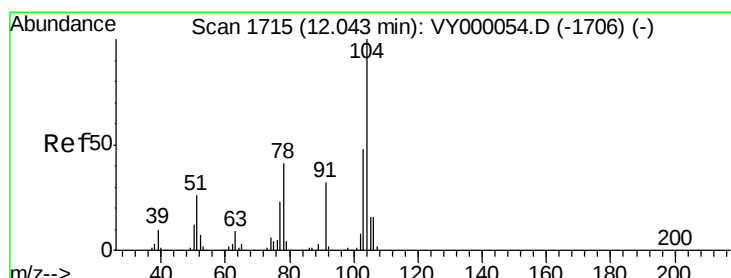
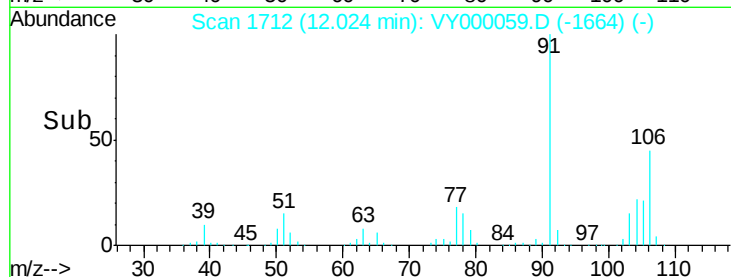
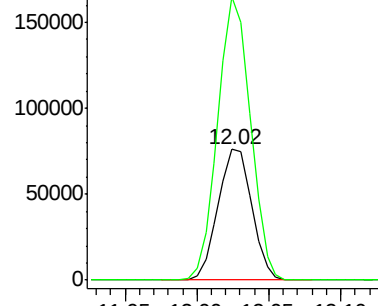
Tot Ion	Ratio	Lower	Upper
106	100		
91	209.3	103.5	310.3

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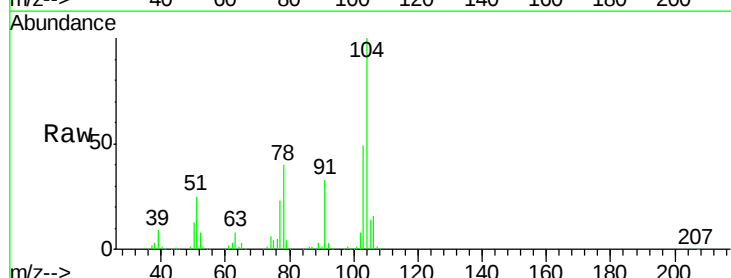


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

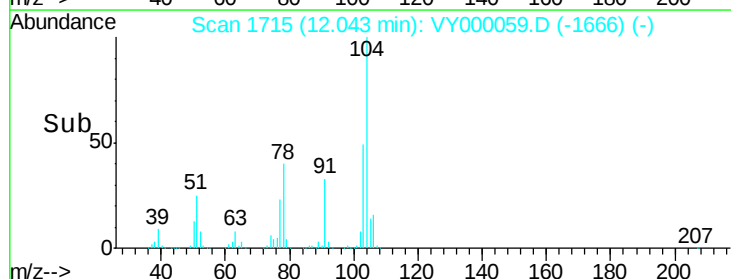
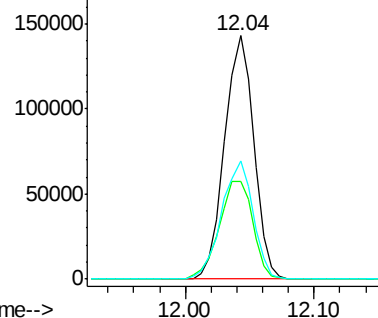


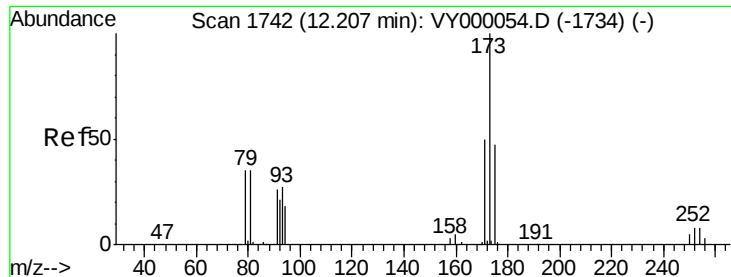
#70
Styrene
Concen: 52.170 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.4	37.7	56.5
103	52.4	42.2	63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.729 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

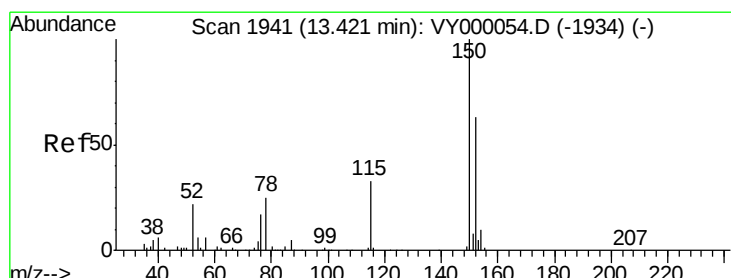
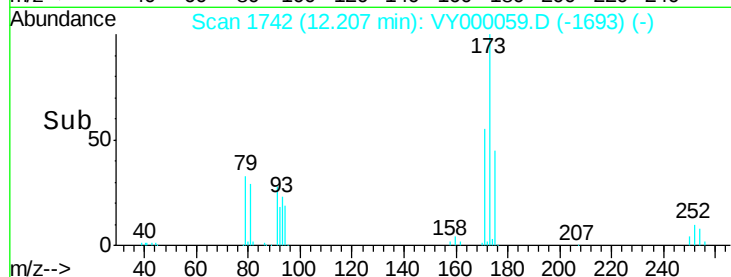
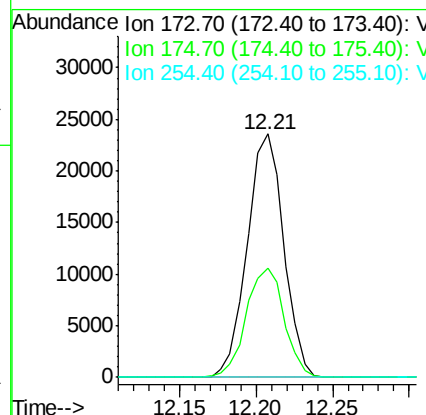
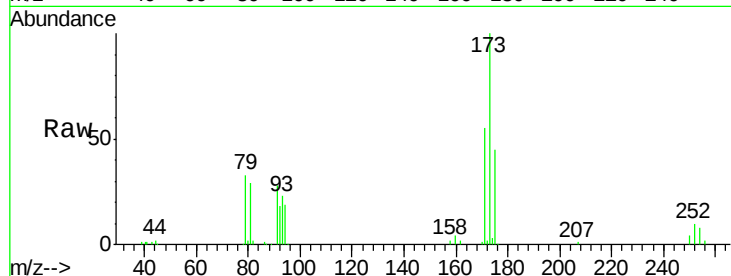
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	39144
Ion Ratio	Lower	Upper	
173	100		
175	46.5	23.6	71.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

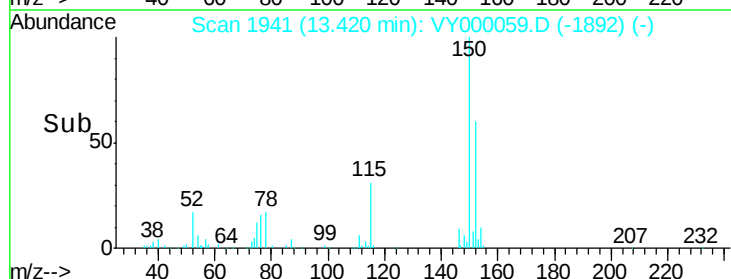
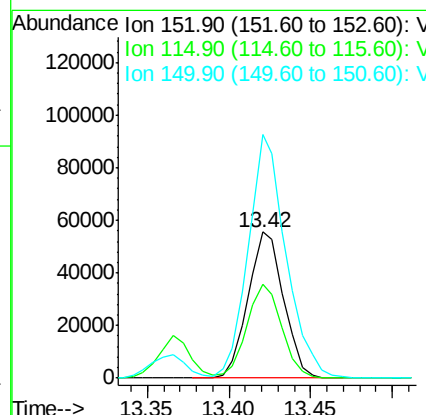
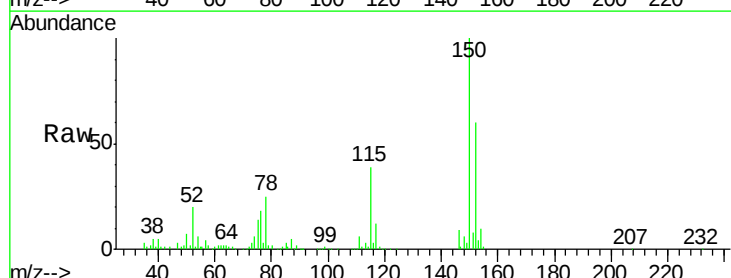
RT: 13.42 min Scan# 1941

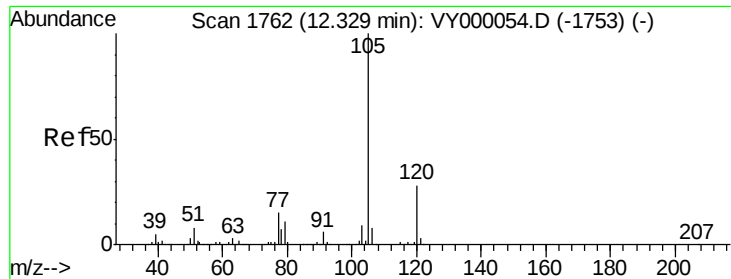
Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	152	Resp:	84318
Ion Ratio	Lower	Upper	
152	100		
115	63.0	30.7	92.1
150	176.4	0.0	351.6





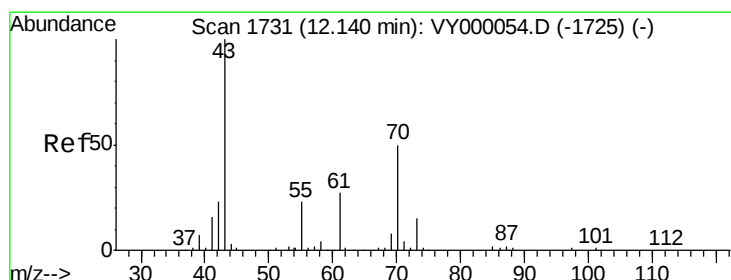
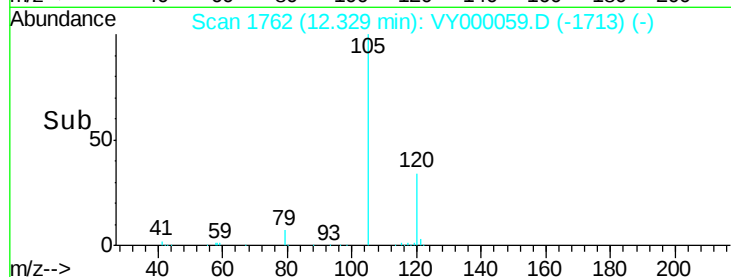
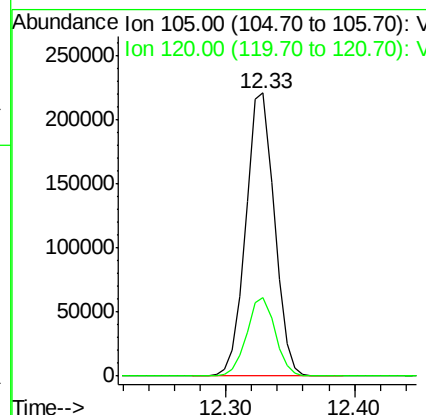
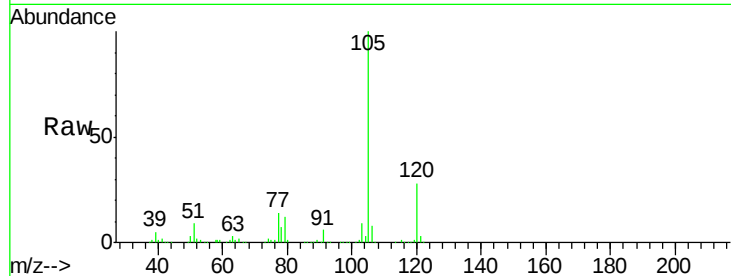
#73
Isopropylbenzene
Concen: 49.618 ug/l
RT: 12.33 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 337162
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.7

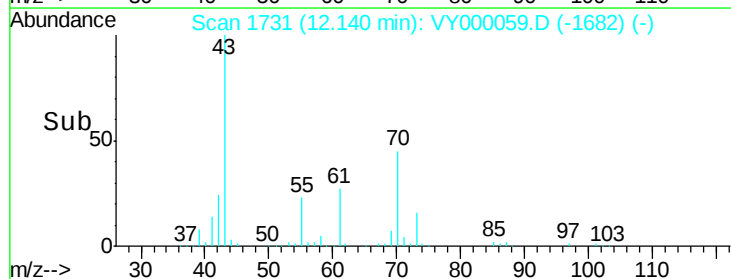
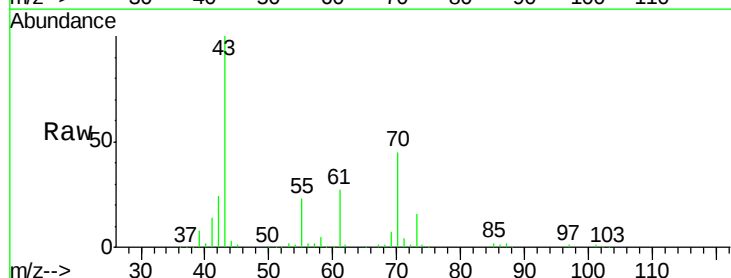
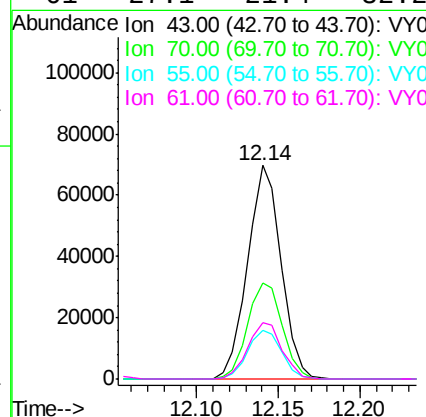
Manual Integrations
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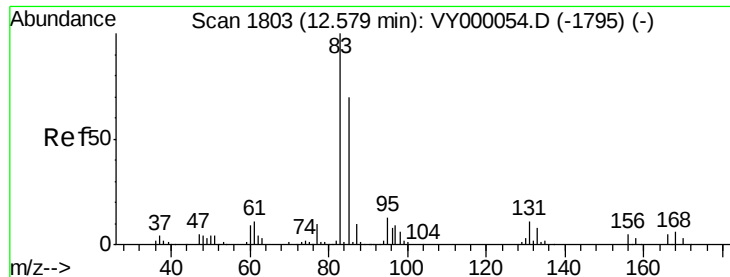
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#74
N-ethyl acetate
Concen: 51.573 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion: 43 Resp: 99837
Ion Ratio Lower Upper
43 100
70 46.9 38.8 58.2
55 23.4 18.8 28.2
61 27.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.180 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

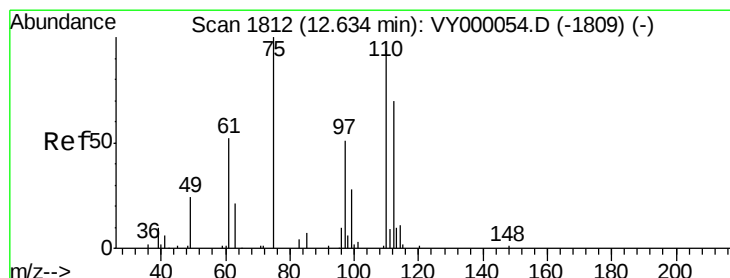
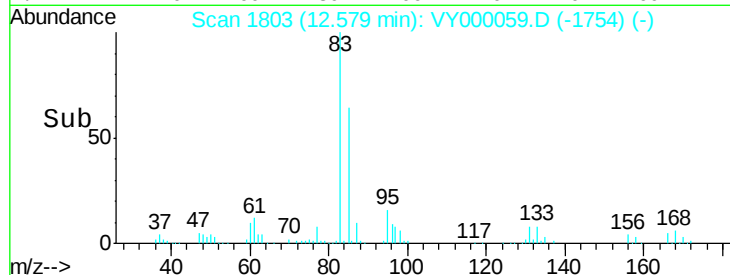
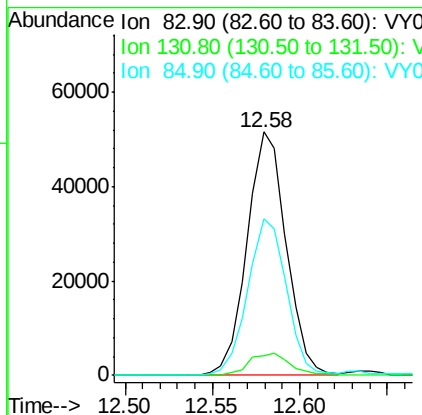
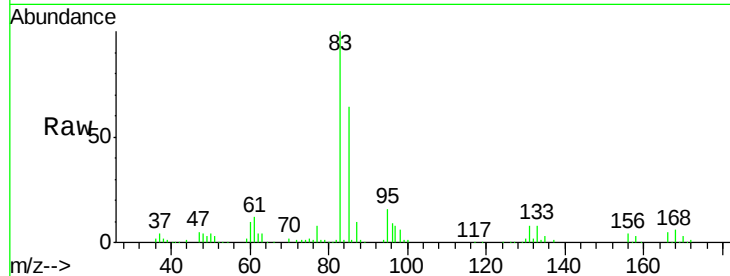
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	80267
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.7	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.390 ug/l m

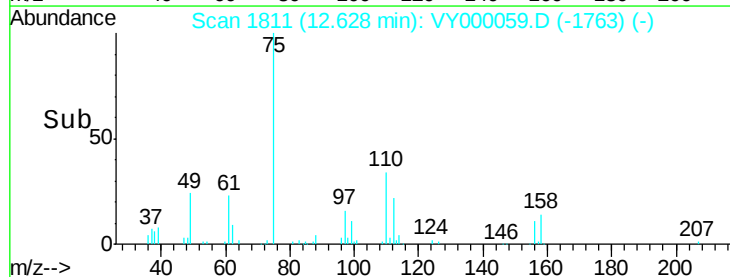
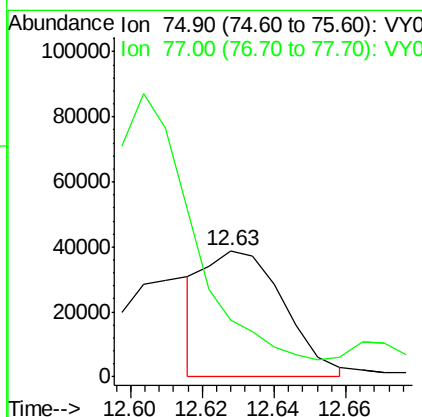
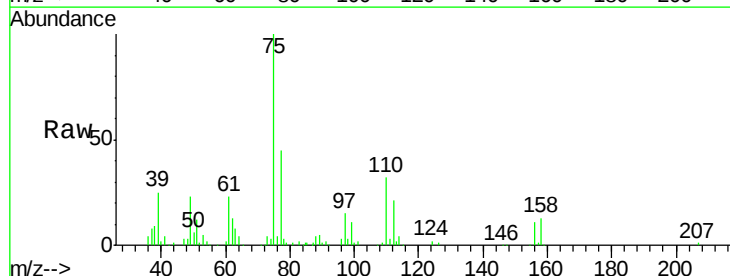
RT: 12.63 min Scan# 1811

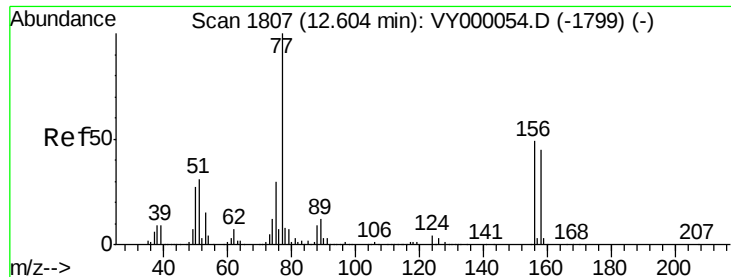
Delta R.T. -0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	75	Resp:	59780
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.868 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 70758

Ion Ratio Lower Upper

156 100

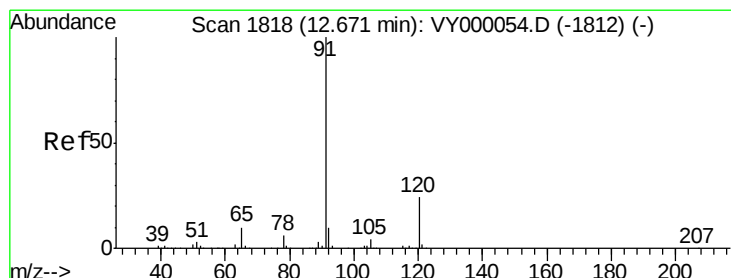
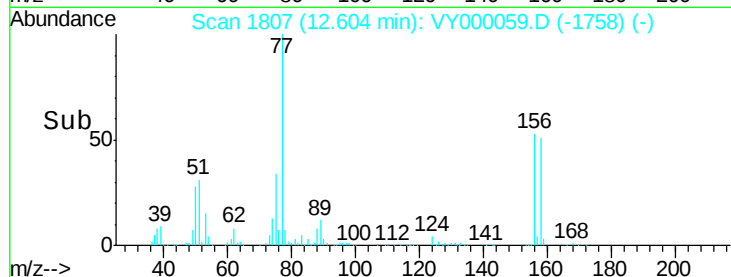
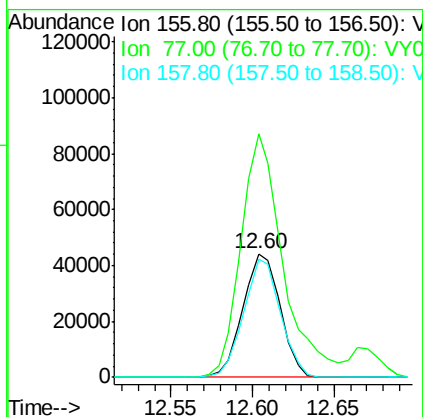
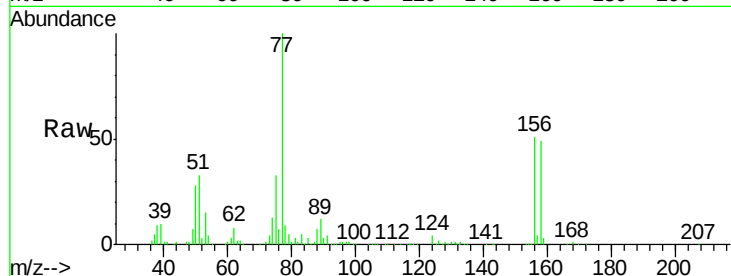
77 221.3 109.7 329.0

158 94.4 48.0 144.2

Manual Integrations
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#78

n-propylbenzene

Concen: 49.753 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000059.D

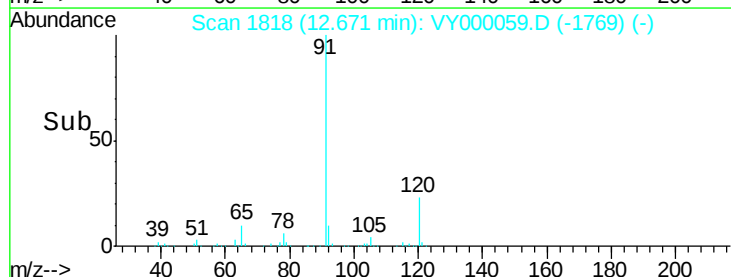
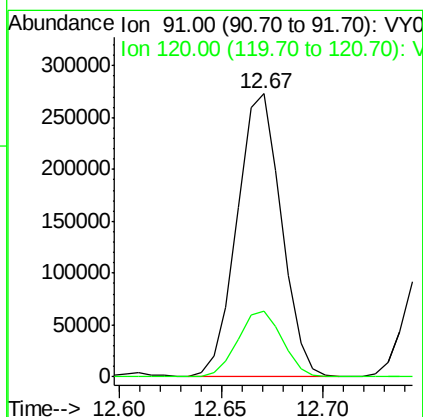
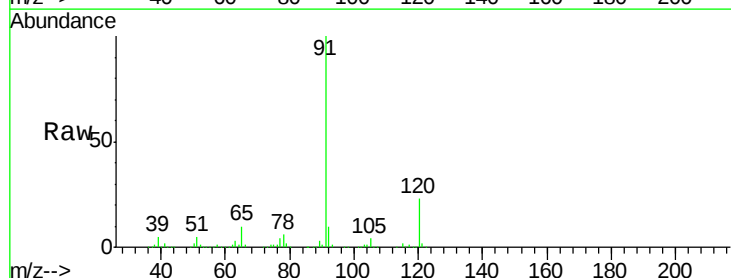
Acq: 18 Sep 2019 14:38

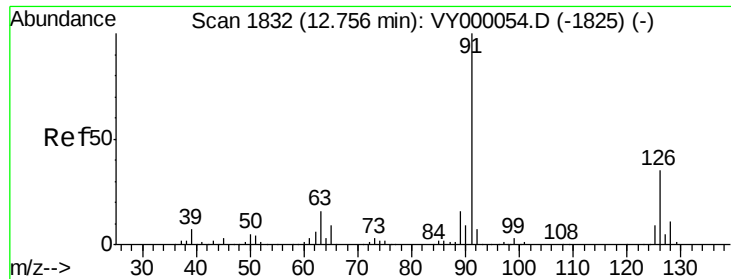
Tgt Ion: 91 Resp: 412394

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5





#79

2-Chlorotoluene

Concen: 48.447 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 224501

Ion Ratio Lower Upper

91 100

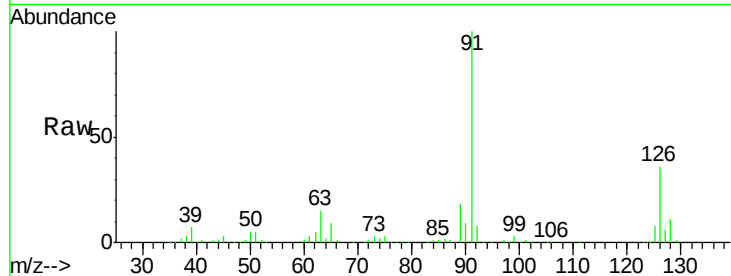
126 35.2 17.2 51.5

Manual Integrations

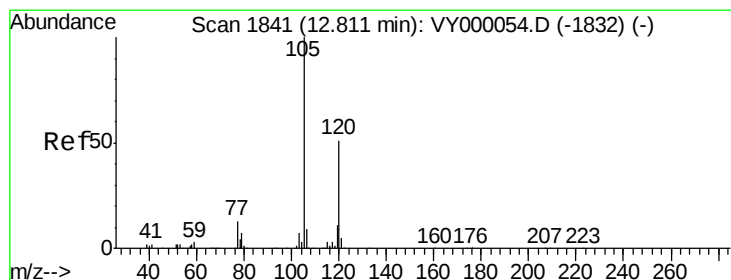
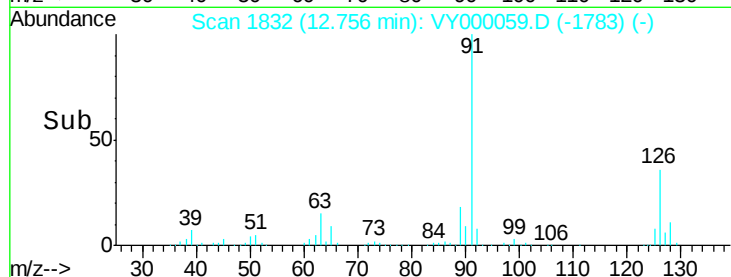
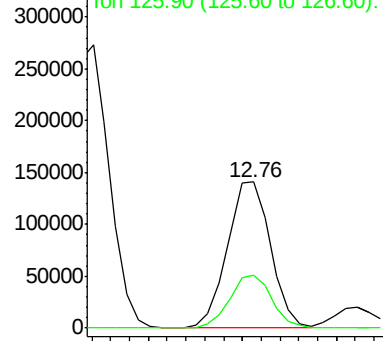
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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.920 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000059.D

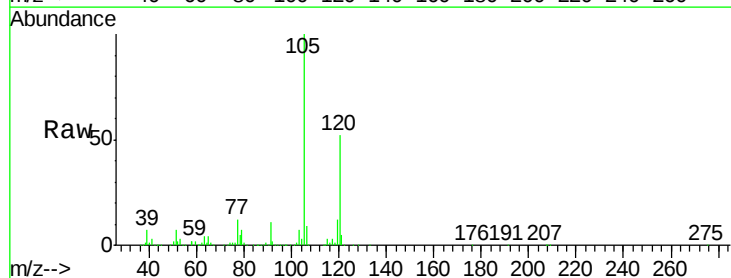
Acq: 18 Sep 2019 14:38

Tgt Ion: 105 Resp: 280995

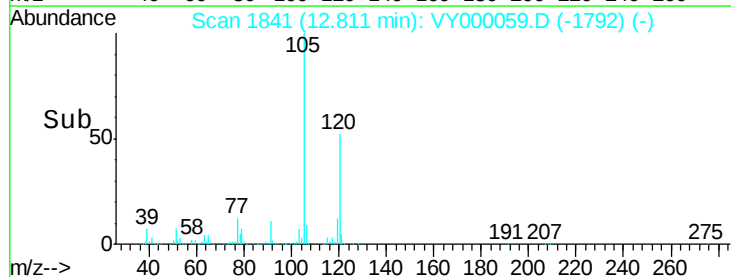
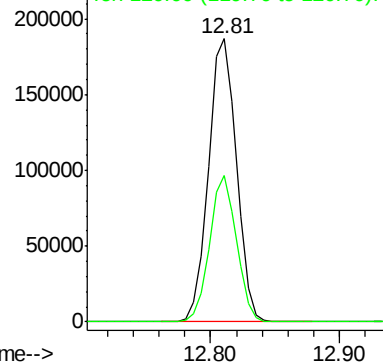
Ion Ratio Lower Upper

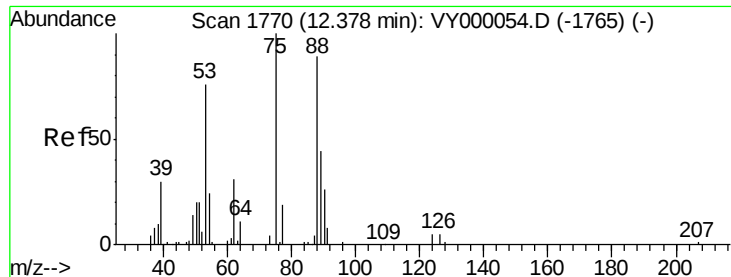
105 100

120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000054.D (-1832) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.768 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

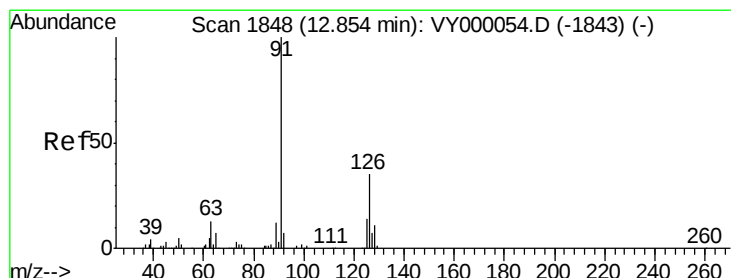
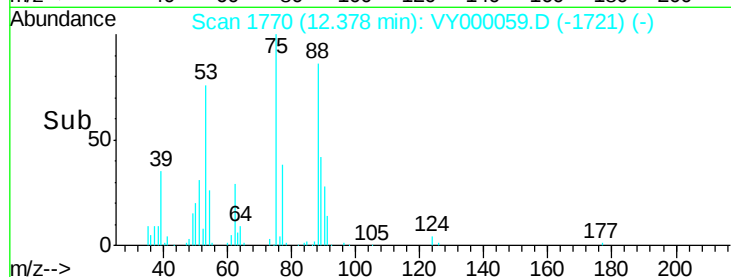
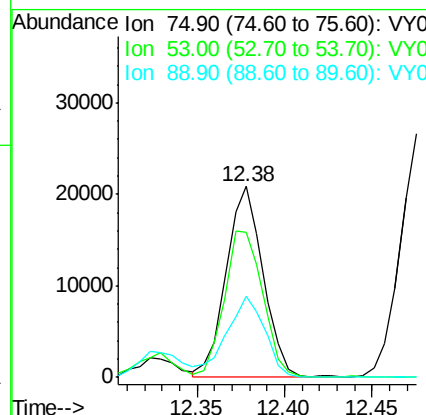
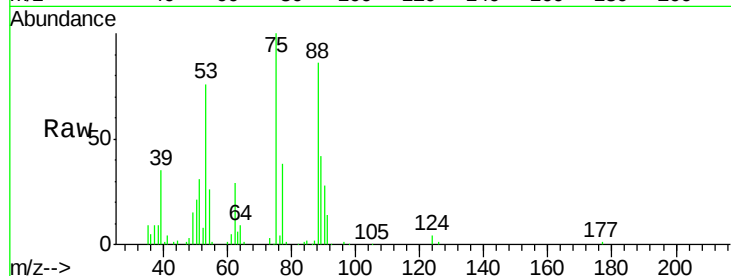
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	30699
Ion Ratio	Lower	Upper	
75	100		
53	79.7	60.9	91.3
89	44.1	35.3	52.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.279 ug/l

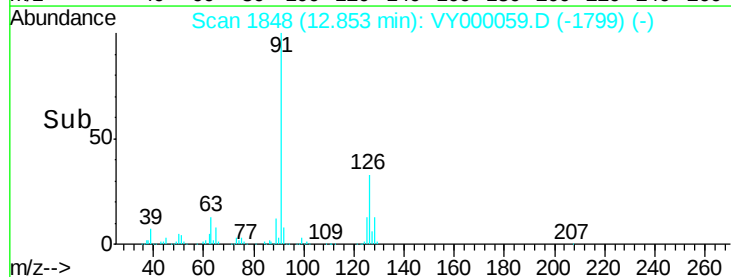
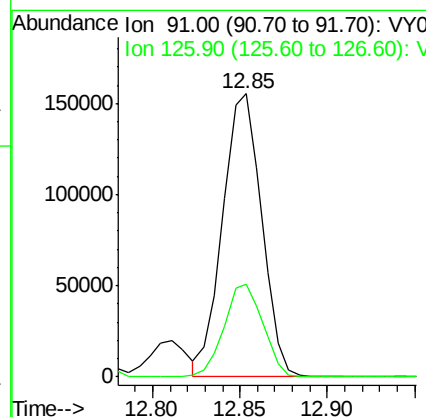
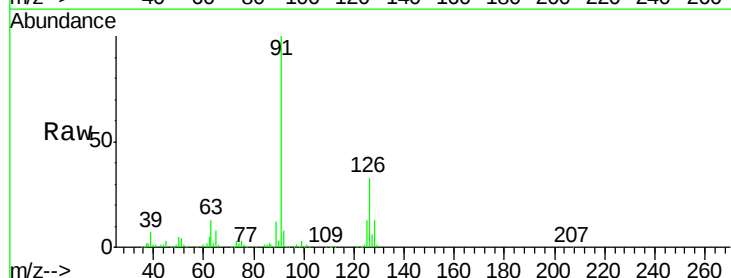
RT: 12.85 min Scan# 1848

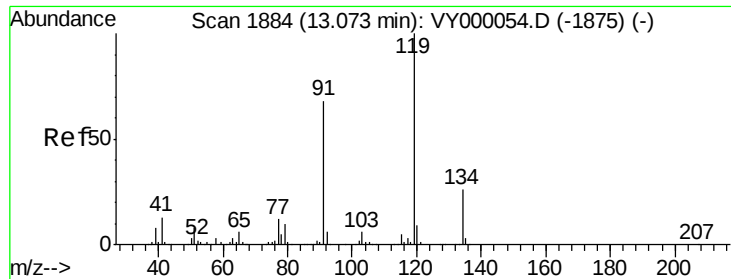
Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	91	Resp:	240919
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.7	50.1





#83

tert-Butylbenzene

Concen: 50.254 ug/l

RT: 13.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

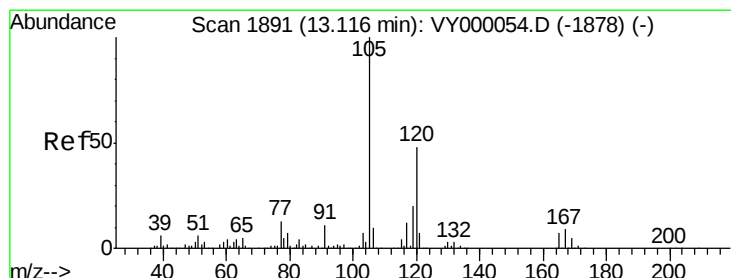
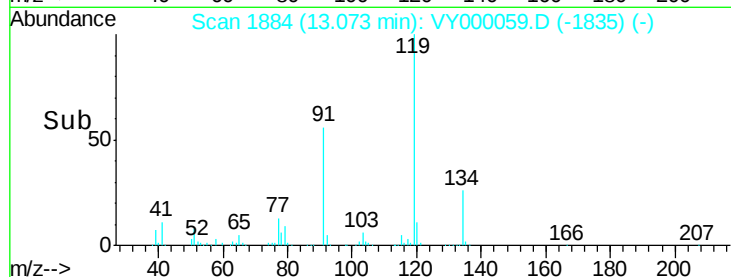
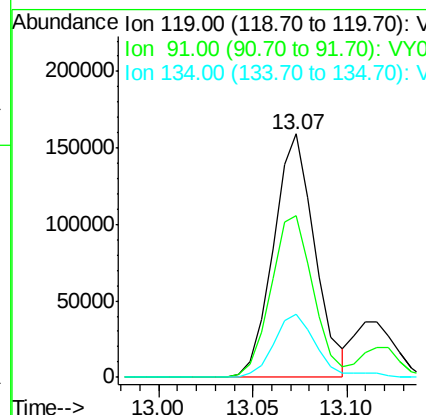
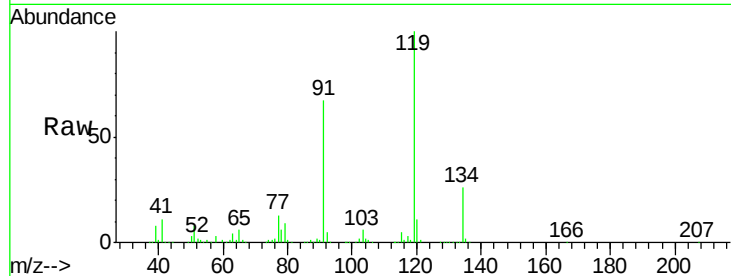
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	242013
Ion Ratio	Lower	Upper	
119	100		
91	67.6	33.4	100.1
134	26.9	12.7	38.0

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#84

1,2,4-Trimethylbenzene

Concen: 50.238 ug/l

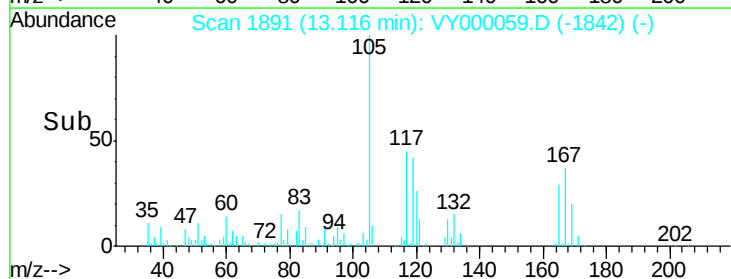
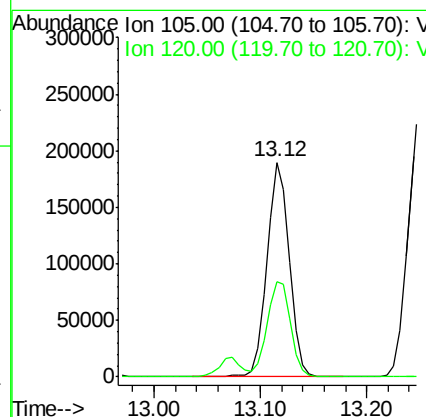
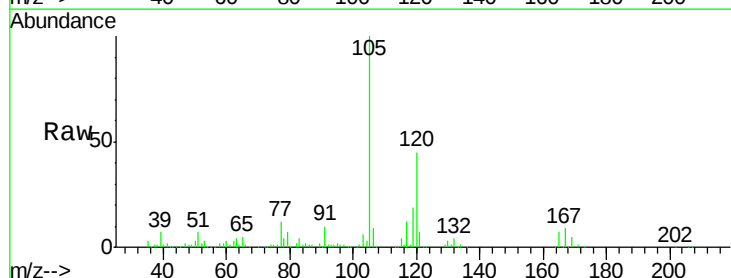
RT: 13.12 min Scan# 1891

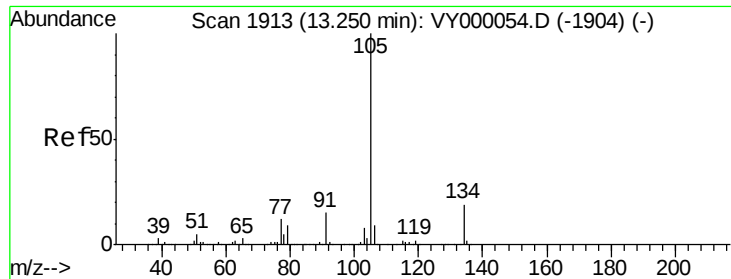
Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion:	105	Resp:	278791
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.9	68.7





#85

sec-Butylbenzene

Concen: 50.522 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 359465

Ion Ratio Lower Upper

105 100

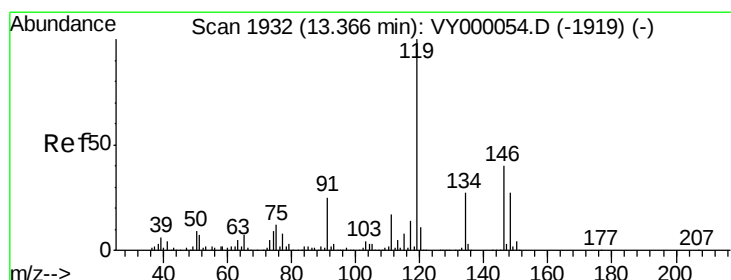
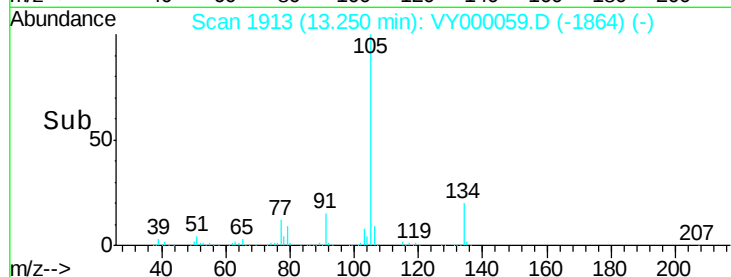
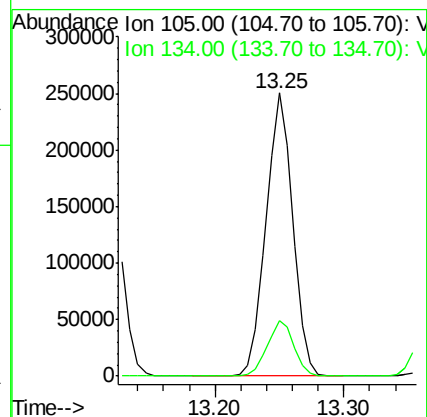
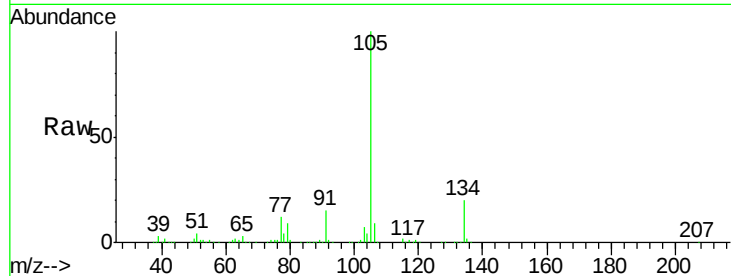
134 19.7 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.369 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

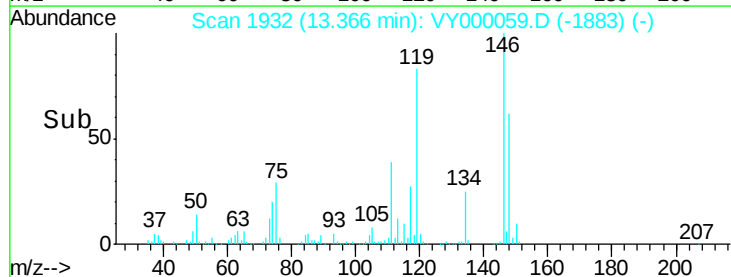
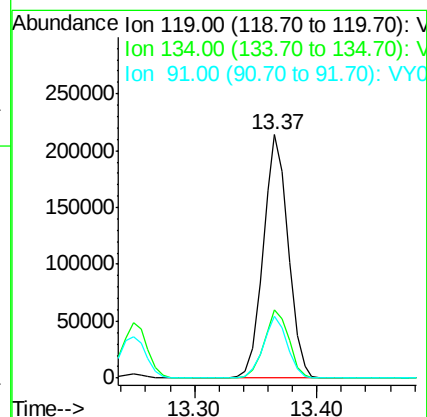
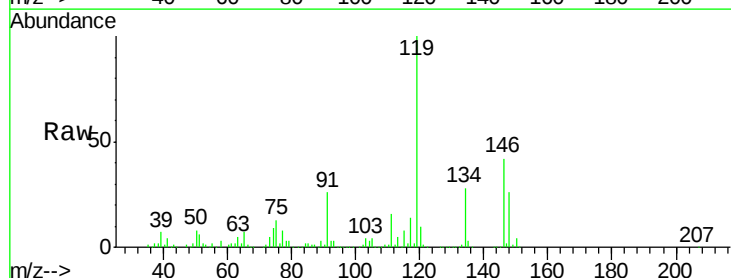
Tgt Ion:119 Resp: 303776

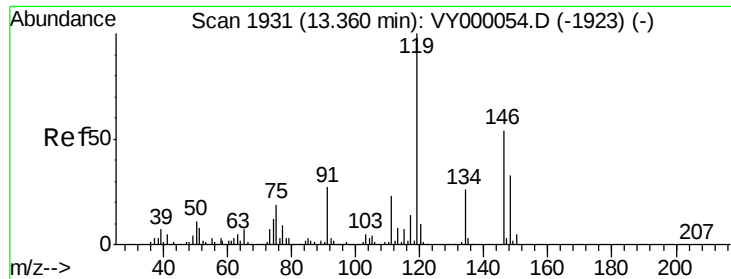
Ion Ratio Lower Upper

119 100

134 27.7 13.4 40.2

91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.420 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. 0.01 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Instrument :

MSVOA_Y

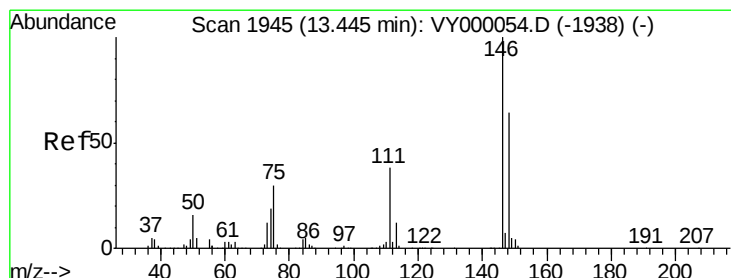
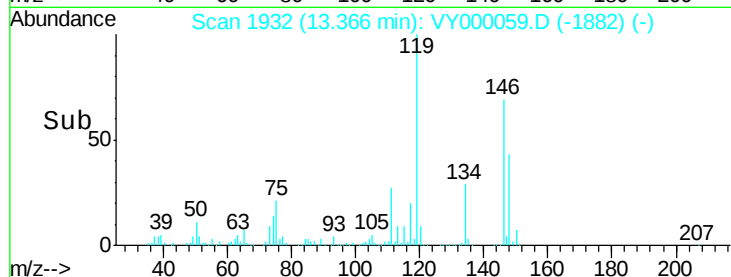
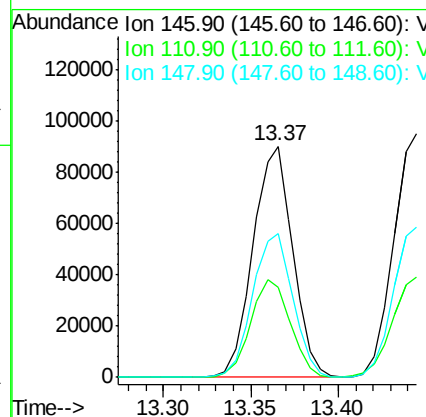
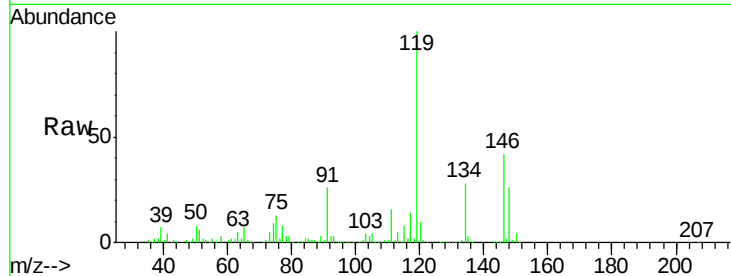
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.1
148	63.2	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 50.041 ug/l

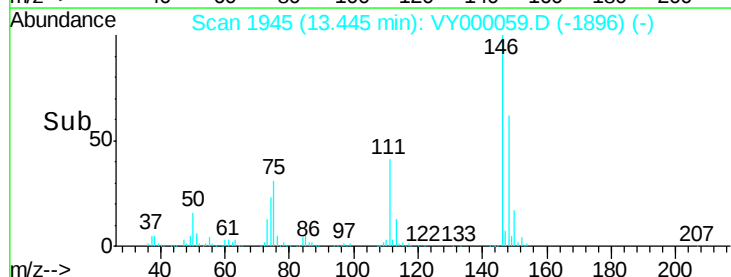
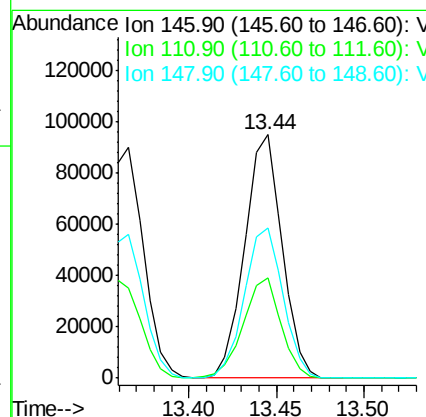
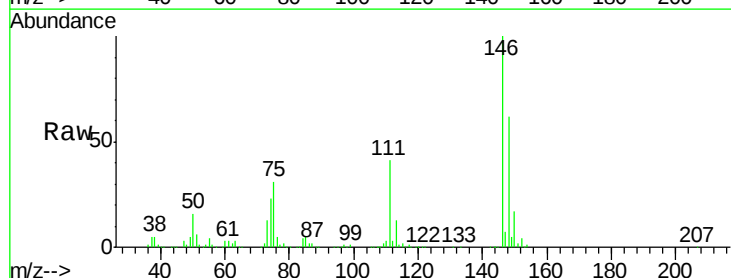
RT: 13.44 min Scan# 1945

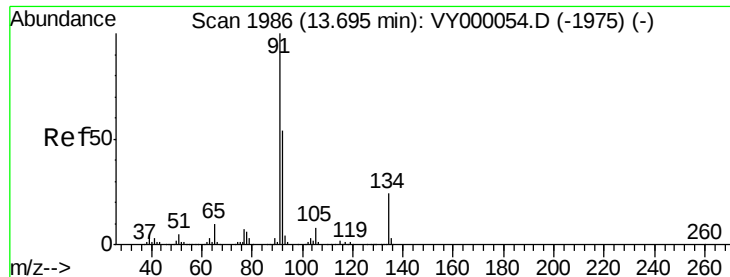
Delta R.T. -0.00 min

Lab File: VY000059.D

Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.7	31.5	94.5





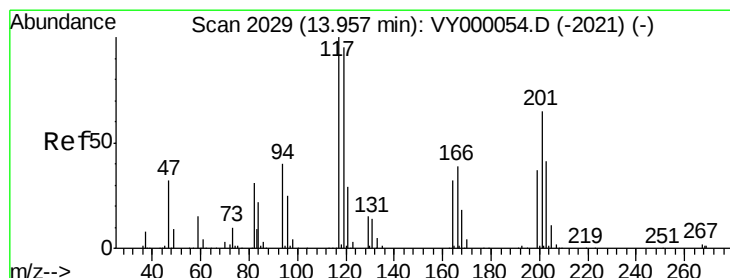
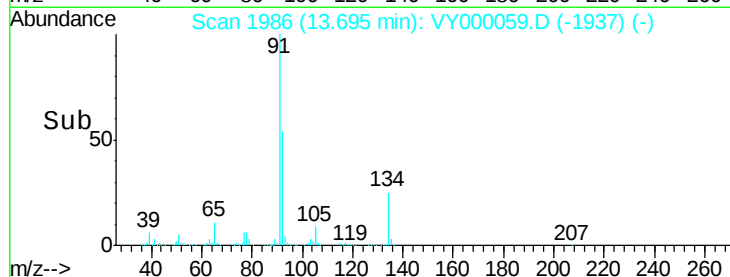
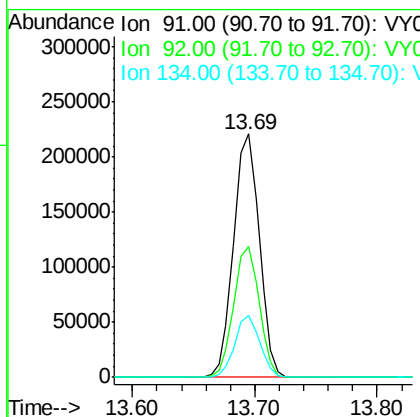
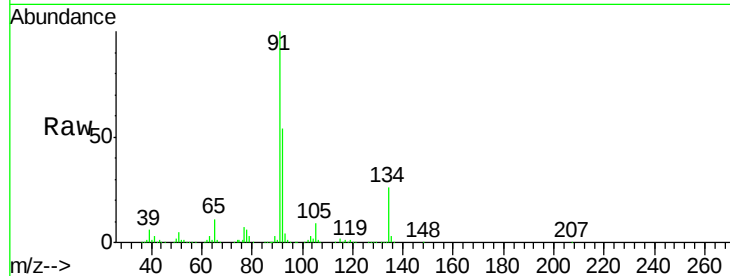
#89
n-Butylbenzene
Concen: 51.725 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.2	81.5
134	24.9	12.2	36.6

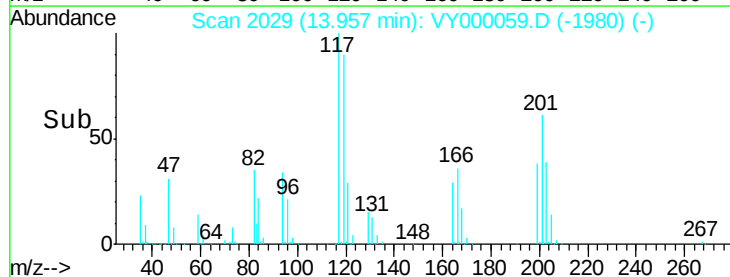
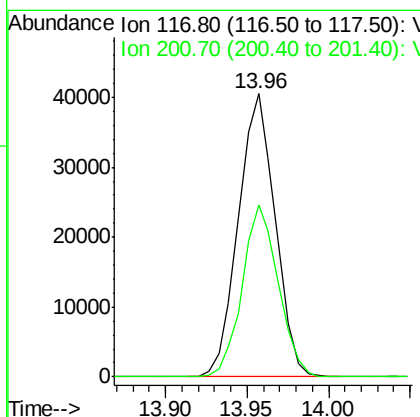
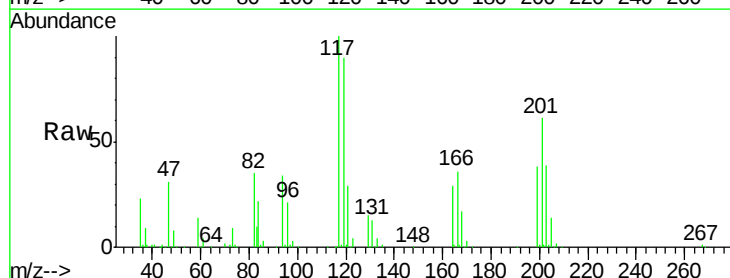
Manual Integrations
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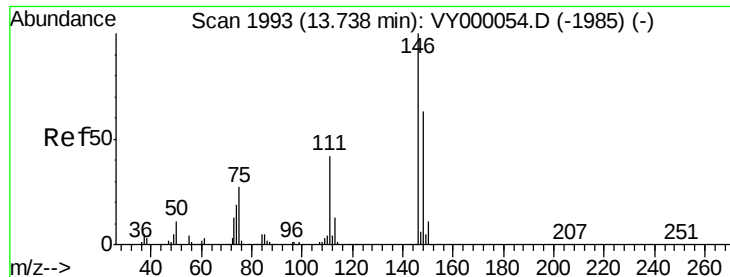
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#90
Hexachloroethane
Concen: 53.739 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	59.3	30.6	92.0





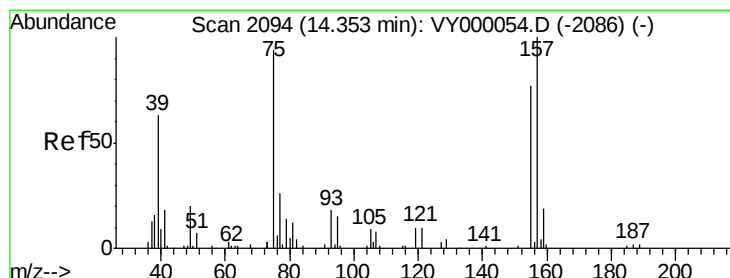
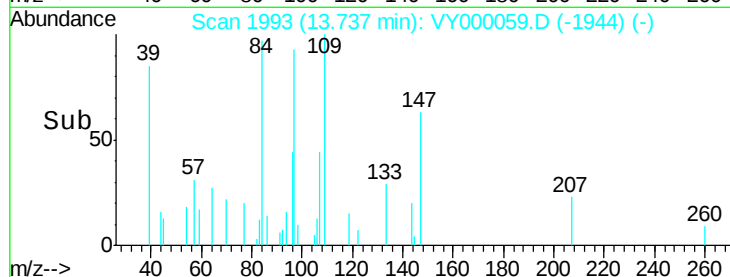
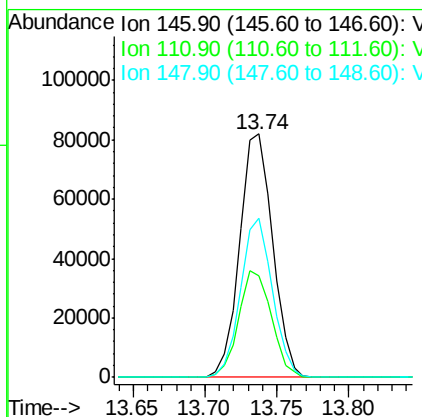
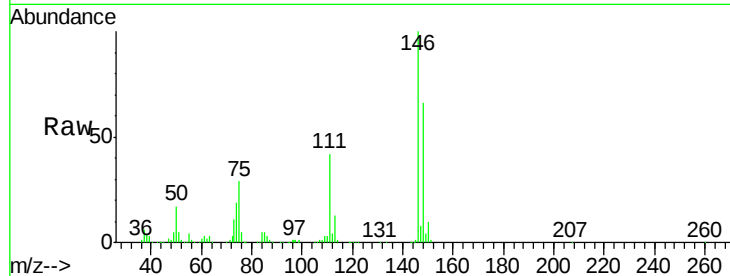
#91
 1,2-Dichlorobenzene
 Concen: 49.413 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.7
148	62.9	32.4	97.2

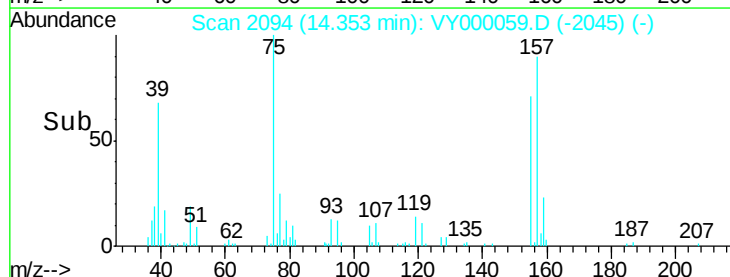
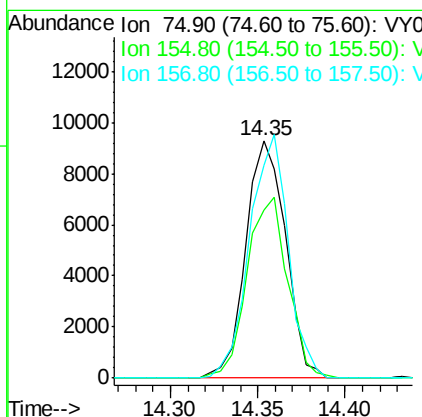
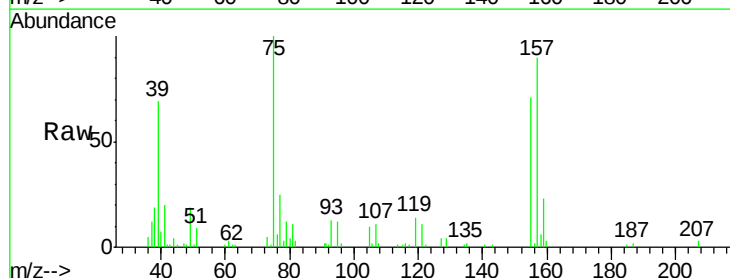
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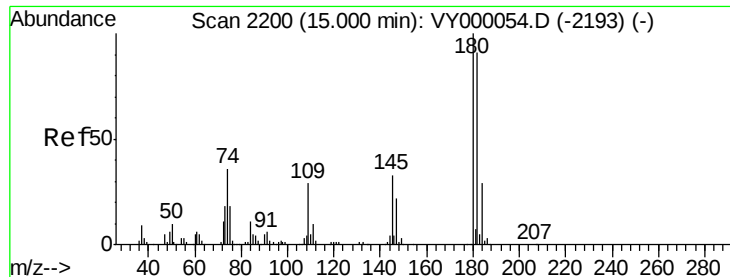
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.527 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	40.6	121.7
157	99.9	52.9	158.8





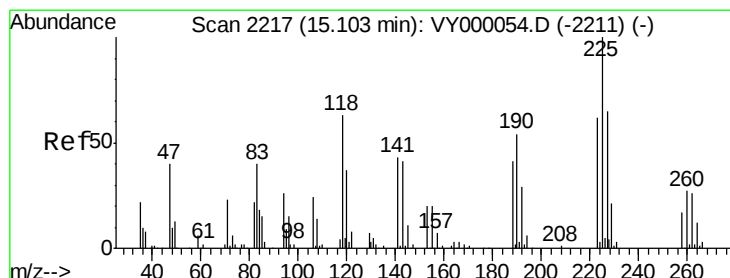
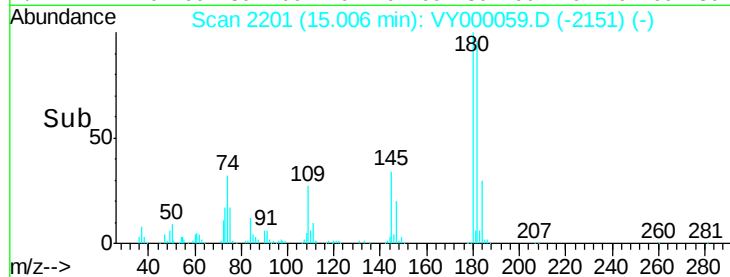
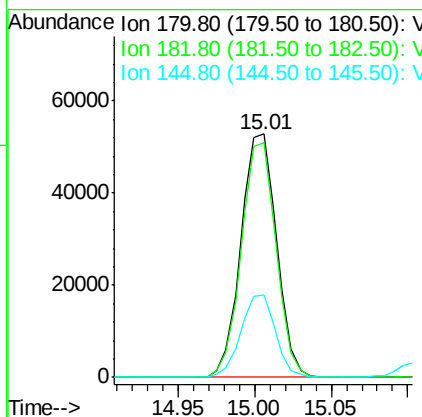
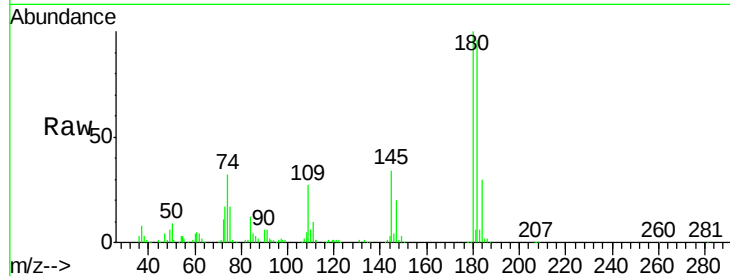
#93
 1,2,4-Trichlorobenzene
 Concen: 53.541 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.8	48.5	145.6	
145	33.0	17.2	51.6	

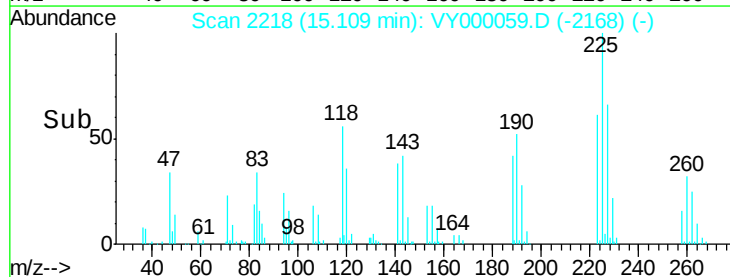
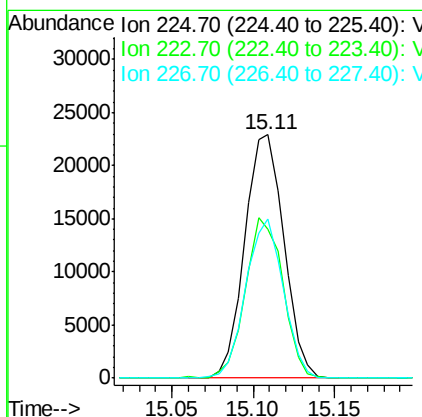
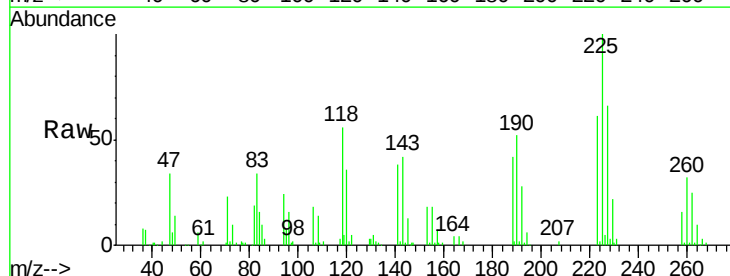
Manual Integrations
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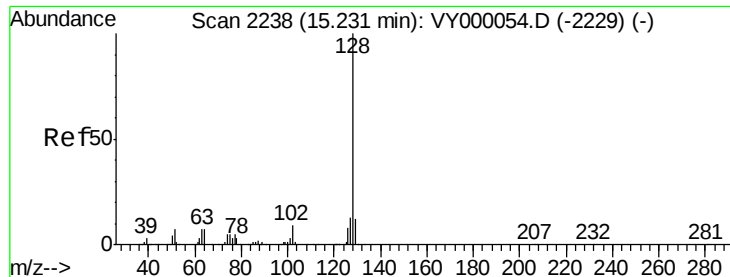
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 9/20/2019 12:39:28 AM



#94
 Hexachlorobutadiene
 Concen: 50.033 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000059.D
 Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	31.9	95.5	
227	62.6	30.6	91.6	





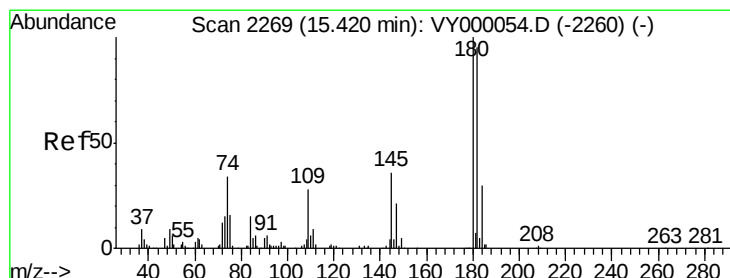
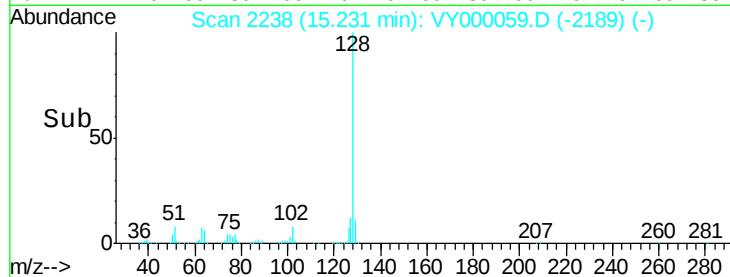
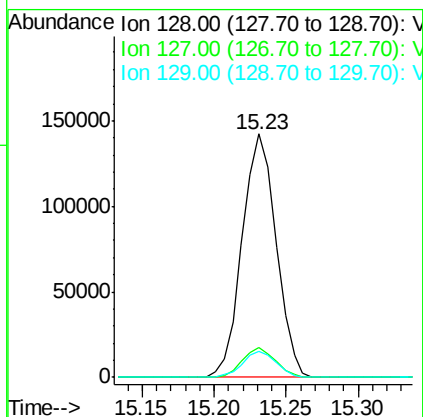
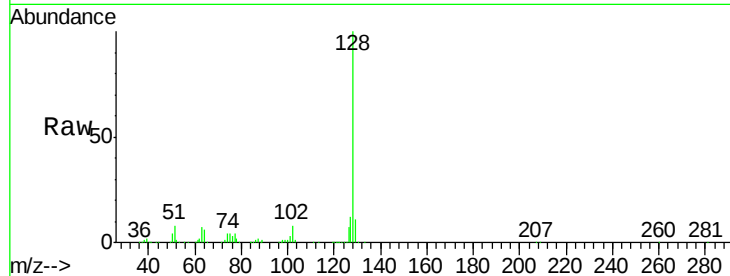
#95
Naphthalene
Concen: 51.425 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	232948		
127	12.1		10.3	15.5
129	10.6		9.2	13.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.247 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000059.D
Acq: 18 Sep 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	76519		
182	94.2		47.5	142.5
145	33.7		17.4	52.2

